The American Home

10¢

WOMAN'S COLLEGE
UNIVERSITY OF NORTH CAROLINA

APRIL 1937

~~LARGE ENOUGH~~ *Small Enough*

~~SOFT ENOUGH~~ *Tough Enough*

~~COST LESS~~ *Last Longer*

No matter what you like in towels, Cannon can meet your needs exactly and save you real money. You can be *very* thrifty and still have lovely colors, smart styles and faithful service. The world's largest producer of household textiles, Cannon asks the world's lowest prices for quality. When you find the Cannon label, every Buy you make is a Bargain! P.S. . . . Cannon makes sheets too—three different grades, each first choice for value in its field. . . . Cannon Muslin, about $1.35. Cannon Utility Percale, about $1.85. Cannon Finest Quality Percale, about $2.50. Cannon Mills, Inc., New York City.

The expert opinions below are t from Cannon's recent "fan mail"

"They're low enough in cos we can buy a different color each person—"

"They're not too heavy to out quickly—"

"They're so easy to launder the colors come out looking new—"

"They're big enough for the but not too big to use as towels—"

"They're so soft and absor The lovely colors are fast and wear for years—"

"They combine comfort economy—"

"They never get hard after dering, don't wear thin in spo

"They're heavy enough to good brisk rub-down—"

"Their moderate prices giv the chance to have a *lavish* supp

"They are soft, easy to la and yet the most durable to have ever found—"

"They make wonderful gi always keep extra ones on ha forgotten birthdays—"

"Thanks a million for makin towels so easy to buy!"

TRADE MARK CANNON COLOR GUARANTEED FAST

Cannon Towels

THE FIRST NAME IN TO IS THE LAST WORD IN S

A few of our newest Very Specials, priced about 49c to $1.50 at your own store. Other Cannon towels, from 49c to $2

Don't put YESTERDAY'S Heating System in TOMORROW'S House

DTHER OIL FURNACE AN BE LIKE THIS!

IOUS HEAT. Maintains an emperature—automatically. ful in appearance. Quiet, and odorless in operation.

E HOT WATER. Provides an ance of domestic hot water ry hour of the day and night.

Oil is burned in an electri- welded steel boiler. An auto- safety control shuts off the upply in less than 4 seconds. self-oiling mechanism is seal- -steel to protect it from dust dirt.

NDABLE. Sturdy—built for a life of service. Thoroughly ble.

NOMICAL. The new scientific nod of burning oil ensures plete combustion. Heat usually up the chimney is "trapped". ater fuel burning efficiency per- s the use of cheaper grades of oil.

E COMPLETE UNIT. Every part is igned to work with every other t. A compact, coordinated unit designed, built and warranted the General Electric Company.

NEW LOW PRICES!

creased sales have enabled eneral Electric to make a sub- ntial reduction in the price of the E Oil Furnace and other G-E heat- g and air conditioning equipment. sk your local dealer about the new w terms now offered through the -E Contracts Corporation.

IF you are planning to purchase a new heating system—consider carefully. *Invest wisely for the future.*

By all means, find out what General Electric has to offer!

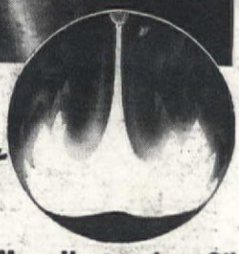
The new G-E Oil Furnace with the exclusive "Econo-Mist" Inverted Flame has upset all previous ideas about oil heating. It burns oil in a new and better way. It "traps" the extra heat which usually escapes up the chimney. And it offers amazing savings on fuel bills.

But—that's not all! It brings you greater comfort and peace of mind. Freedom from heating worries—freedom from firing drudgery.

You ought to know all about this improved method of burning oil. You can have the "Econo-Mist" Inverted Flame in the G-E Oil Furnace for radiator heated homes or in the G-E Warm-Air Conditioner which provides automatic oil heat and winter air conditioning. Mail the coupon for free literature or, better still, get in touch with the nearest General Electric Oil Furnace dealer.

The Exclusive G-E

Econo-mist



INVERTED FLAME — More Heat — Less Oil

General Electric scientists have found a new and better way of burning oil. Every drop is vaporized—broken into millions of tiny particles—before it enters the combustion chamber. The result? This "air-oil" mix ensures complete combustion. Every particle of the oil is burned—and burned without roar or soot. *Safely—Dependably—Economically.*

General Electric Co.
Air Conditioning Dept., Div. 41112
Bloomfield, New Jersey

Gentlemen:

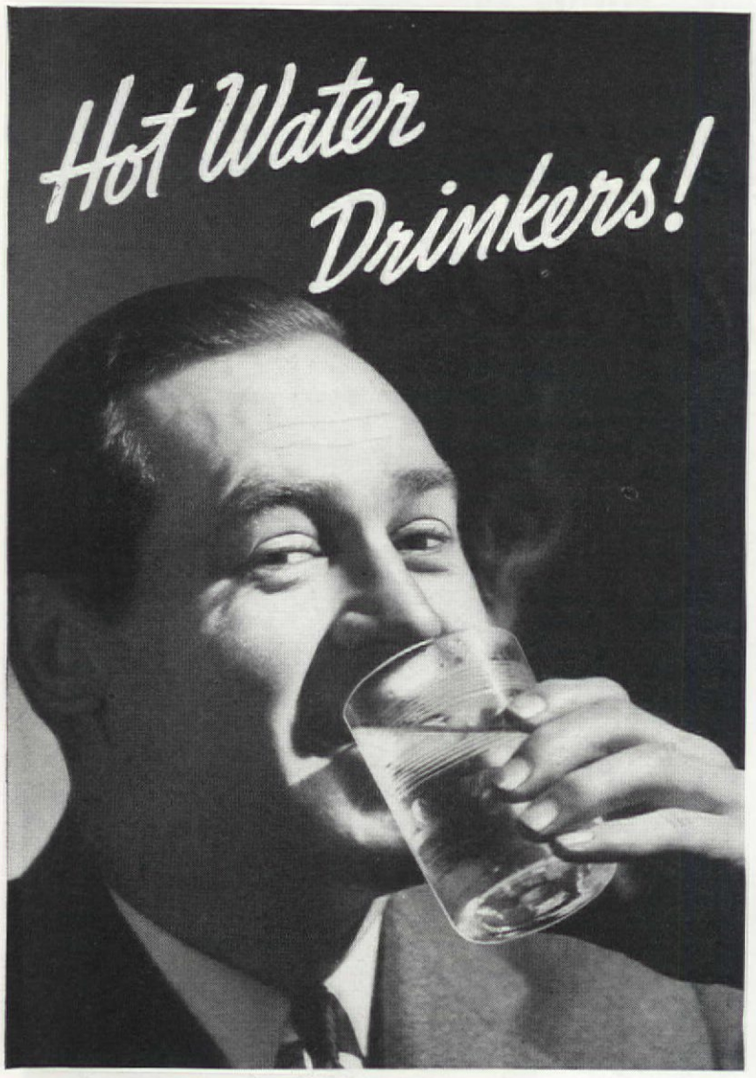
Please send me, without cost or obligation, "Luxurious Heat", the 12-page booklet on the new G-E Oil Furnace.

Name.....

Street Address.....

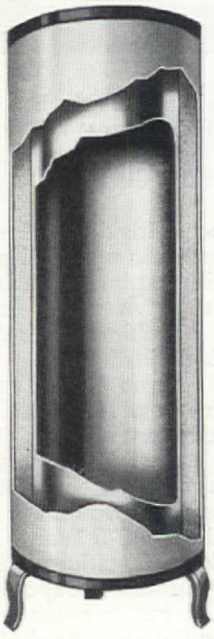
City and State.....

GENERAL ELECTRIC OIL FURNACE



An Everdur Tank will deliver water that is rust-free.

Everdur Metal can never rust



If you like "ready-to-drink" hot water right from the tap, here's the way to get the kind that's free from tank rust. See that the automatic water heater you buy has a tank of non-rust EVERDUR Metal. Rustless as copper, strong as steel, EVERDUR means lifetime freedom from rust and consequent replacement expense. Ask your gas or electric company, or plumber. 37102-A

P.S. Anaconda Copper Tubes are ideal for low-cost non-rust service in combination with a tank of EVERDUR Metal.

ANACONDA

"Everdur" is a trade-mark of The American Brass Company, registered in the United States Patent Office.

Everdur Metal

THE AMERICAN BRASS COMPANY

General Offices: Waterbury, Connecticut • *Offices and Agencies in Principal Cities*

ON THE HEARTH OF THE AMERICAN H

Climb on the bandwagon! Today is the gol age for debt-free home ownership

RUTH LAWRENCE

THIS is the home owner's heyday. He has the greatest opportunity in years, perhaps in all time, to secure for himself and his children a home where the landlord is an unheard of menace, and where the moving van is not an inseparable part of every spring memory.

The real estate boom is one of the very evident factors in the general business recovery. Newspapers, bill boards, trade and class publications, radio, Chamber of Commerce and Rotary lectures acknowledge it, herald it, and predict for it a fabulous future. But perhaps fabulous is not the word for the current real estate boom, for it suggests little of the glitter and bubble qualities of its predecessors. It is with a more sane, steady, and less greedy attitude that business is regarding the activity. The bump real estate had on its head in the last few years has rearranged a few brain cells and permitted the formation of a new attitude.

Home ownership is held out to the head of the American household on a sturdy platter. Financial aid, the greatest help and encouragement, architectural service, and all kinds of free advice are within his reach. Debt-free home ownership has been made simple and easy. The lender is selling to a public which is demanding, fortunately, at this very time, such facilities, the idea that every man with an income can have a home. To account for the present providential situation would be to delve into the history of the depression, the psychology of the home owner, the economics of real estate. Space permits the discussion of only the very obvious reasons.

Foremost perhaps is the rediscovery on the lenders' part that loaning money on property in which the borrower has more than a financial interest, in which he has pride of ownership, care and upkeep, and sentimental ties, is the safest kind of a loan. The man who is willing to take on a large responsibility to provide for his family its own home, planned for its happiest living, its greatest convenience and efficiency and future security, is a good risk.

Since 1932, the home owner has moved out of a position of relative disadvantage, in the borrowing class, into a most favored and desirable position. Before the depression, he was at the mercy of a market in which the dema money was greater than th ply, or in which new and paying uses had the first credit. There have been mental changes in our ec order, those very close to nancial and economic pulse tain. There is no longer a f A high degree of industr velopment has for the tim at least curbed the oppo for new investment in ca those fields. Improved te processes, and reorganiza the financial structure of o corporations have at th time reduced our dema more and more credit. D tion of the dollar with t importation has created a tial supply of credit two a half times the amount pot available in 1929.

Banks, trust companies gage companies, insuranc panies, private lenders, an ing and loan association these mortgages. They a business and safe inve They represent as depen future as the lender can find, with the borrowers all odds, in financial cr own and general, to pres interest therein. The len him as a steady hard conscientious borrower, m effort to secure a debt-fre which will be perman worthy of his efforts.

With an active competi the financing of these loa ers are using every know to secure them. Recently curred internal reorganiz many home financing b to put the house in order position to offer the p best product at the lowe The result has been the r of interest rates, reduct omission of loan service and the direct reductio term, amortized home lo

It is a plan which th ment paying public can understand—a definite s every month takes car interest, reduces the princ in some cases pays tax ance, and a peculiar kin insurance which will t of the remainder of the p for his estate after the mortgagee is dead. At t a definite time, anywh eight to twenty years, t gage is completely paid

[*Please turn t*

THE AMERICAN HOME, April, 1937. Published monthly. Vol. XVII, No. 5. Published by the Country Life-American Home Corp., 444 Madison Ave., New York, N. Y. Subscriptio a year. Foreign $2.00. Entered as second class matter December 31, 1935, at the post office at New York, N. Y., under act of Congress, March 2, 1879.

HE'S THIRD IN FAMILY TO PICK PLYMOUTH

AS MOST RELIABLE LOW-PRICED CAR

e Car that Stands Up Best— ***Miss C. Eleanor Hinkley has driven 31,025 miles...spent only about $20 . . . gets 20 to 23 miles per gallon of gas . . . and she's delighted with Plymouth performance.***

w 1937 Plymouth has even greater eliability and over-all economy!

SUMMER, Eleanor Hinkley rove her Plymouth over miles. Through the Rockies oss the desert...through storms...mountain down-..."with the greatest com-d ease!"

s Hinkley's Plymouth has needed mechanical work... elivered 20 to 23 miles per of gas...and is still on its l tires!

is the fourth Plymouth in nkley family—and you can he reason.

• • •

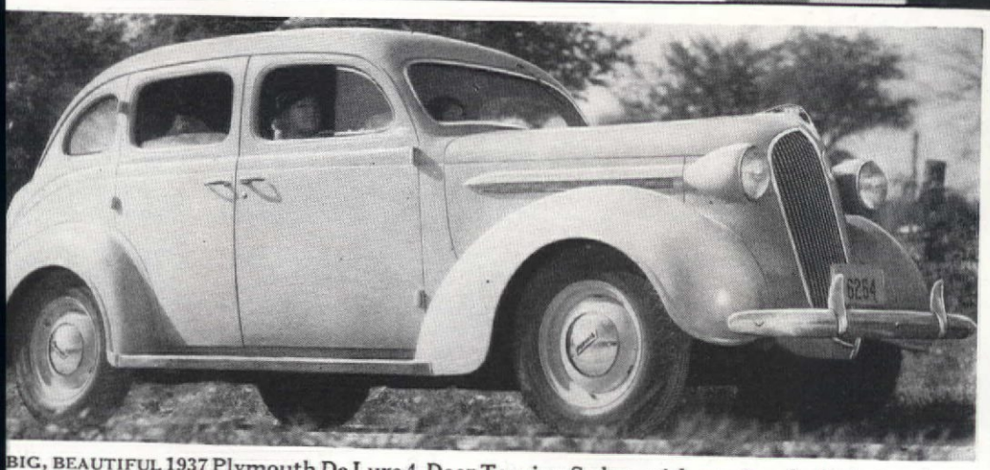
IG 1937 Plymouth is the t car we've ever built. It's ..roomiest of "All Three" ced cars.

sound-proofing shuts out Airplane-type shock-absorbers...balanced spring action... rubber body mountings...Floating Power engine mountings—give the most restful ride.

The interior is designed for safety. The body is all steel. The famed hydraulic brakes are double-acting...100% hydraulic...self-equalizing. It's the world's safest low-priced car!

Plymouth has highest resale value of "All Three" low-priced cars. More proof that it stands up best...is the biggest new-car value!

Consider these things before you buy! Drive "All Three"...compare them, feature for feature. Prices are about alike...but remember, Plymouth is the car that stands up best! PLYMOUTH DIVISION OF CHRYSLER CORPORATION, Detroit, Michigan.



BIG, BEAUTIFUL 1937 Plymouth De Luxe 4-Door Touring Sedan, with spacious built-in trunk.

PRICED WITH THE LOWEST

TODAY, you'll find Plymouth is priced with the lowest...and offers very convenient payment terms. You can buy a beautiful, big new Plymouth for as low as $25 a month. The Commercial Credit Company has made available—through Chrysler, De Soto and Dodge dealers—terms which you will find fit your budget ...and make it exceptionally easy to purchase...and enjoy...a new Plymouth.

LYMOUTH BUILDS GREAT CARS

Above: Summer home of Mr. and Mrs. Conrad Hemond of Holyoke, Mass.

Above: Home of Mr. and Mrs. A. J. Schiebl Pewaukee, Wisconsin. Center: "Oakhurst home of Mr. and Mrs. Jack Montgomer Inverness, Miss.

Home of Mr. and Mrs. C. C. Huntington, Upper Arlington, Columbus, Ohio

Home of Mr. and Mrs. Homer A. La Foille, Manistique, Ohio, before remodeling and, top center, after remodeling

Home of Mr. and Mrs. W. I. Jones, Los Angel California

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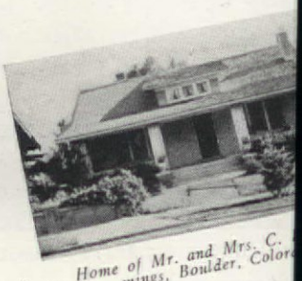
Home of Doctor and Mrs. John Alva Fusow, Mansfield, Missouri

Summer home of Mr. and Mrs. William H. Rhubottom, Jr., Greenburst, New York



Home of Mr. and Mrs. C. mings, Boulder, Color

E. L. D. Seymour, Horticultural Editor Mrs. Jean Austin, Editor Charlotte Eaton Conway, Associate Editor

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She Thought Her Children Were *growing away from her*

Her married son, Jim, and her daughter, Irma, also married, no longer greeted her as they once did when she came to visit —with a hearty kiss on arrival and departure. True, they were cordial enough, but she missed that final evidence of affection to which she had been accustomed since they were babies. Its absence left her with a forsaken feeling and with the bitter conviction that her children were growing away from her—no longer wanted her around. Of course she was wrong; but she never once suspected the true reason for their indifference.

Elderly People

You never know when you have halitosis (unpleasant breath). The subject is so delicate that your best friends—even your near and dear ones—hesitate to tell you about it.

Most unpleasant breath conditions are caused by fermentation of tiny food particles skipped by the tooth brush. Consequently, even the young may be guilty. But middle-aged and elderly people are the worst offenders because so many of them are forced to wear partial or full plates—notorious for the way they retain fermenting foods.

You Need Deodorant Power

How foolish to repel others when the breath can be made sweeter, fresher, more agreeable so easily. First, by greater care in tooth brushing . . . then by the systematic use of Listerine Antiseptic.

Don't expect tooth pastes or powders, or ordinary mouth washes to overcome an offensive breath condition. What you need is a mouth wash that is both antiseptic and deodorant in effect. Listerine succeeds so well in breath control because it is that type.

Listerine's 4 Benefits

Used as a gargle and mouth wash, it provides these definite benefits: (1). Quickly halts fermentation of food particles. (2). Sweeps decaying matter from large areas on mouth, gum, and tooth surfaces. (3). Destroys millions of bacteria capable of causing odors. (4). Overcomes the odors themselves and leaves the entire mouth feeling delightfully refreshed and invigorated.

To put the breath beyond reproach, use Listerine Antiseptic every morning and every night and between times before business and social engagements. *Lambert Pharmacal Company, St. Louis, Missouri.*

for HALITOSIS *use* LISTERINE

You can Afford

NEW "FACTORY-FITTED" BURNERS

for any *size house*

5 TO 6 ROOMS—You can buy a "Factory-fitted" Delco Oil Burner with a capacity that exactly fits *your* requirements.

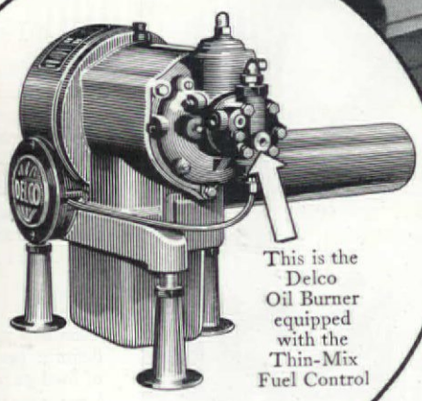
7 TO 8 ROOMS—Whatever size your house may be, you burn just enough oil to heat it. There's no wasted heat—no wasted fuel.

9 TO 10 ROOMS OR MORE—For the small house—and for the largest mansion. There's never a misfit installation.

DRASTIC PRICE REDUCTION

Public demand created by Thin-Mix Fuel Control allows us to reduce prices in face of rising costs.

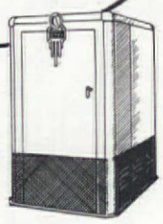
Fastest Selling Oil Burner on the Market



This is the Delco Oil Burner equipped with the Thin-Mix Fuel Control

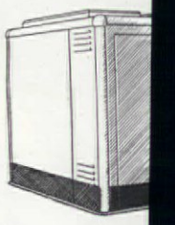
Money-Saving Thin-Mix Fuel C
is offered only on Delco Oil Bu

The new and simplified Thin-Mix Fuel Contr
vention that brings real economy to automati
You use less oil. You use *cheaper* oil—the least
domestic grade. And you don't waste a single d
oil. In *addition*, this revolutionary invention
down your fuel bills creates no soot and dirt . .
it burns a true *thin mixture* of oil and air.



Delco Automatic Furnace for steam, vapor or hot water systems. Revolutionary "Impak-tor" construction puts heat to work inside your home. Reduces wasted heat up the chimney as much as 350°. For oil or gas. Write for information.

Delco Conditionair for forced warm air systems. "It air conditions as it heats." Here is winter air conditioning that costs no more to operate than heating alone. For oil or gas. Write for information.



It Pays to Talk to

DELCO-FRIGIDAIR

The Air Conditioning Division of General Motors

AUTOMATIC HEATING, COOLING AND CONDITIONING OF

Automatic Heat!

STALL *Now* WHILE COSTS ARE LOW

Prices drop as economy of Thin-Mix Fuel Control booms demand for

EW DELCO OIL BURNER

e seen it happen before with l Motors products. Up go sales! come prices!

that's just what's happened to lco Oil Burner.

use it's the fastest selling oil burner world, prices have been drasti- duced . . . manufacturing savings on to you.

reason it's the fastest selling oil in the world is . . . the Thin-Mix ontrol.

in-Mix"—the control that automatic heat surprisingly economical

hin-Mix Fuel Control releases microscopic quantities of the t grade of domestic fuel oil into ner to produce a thin mixture of air—rich in heating power— ted in oil consumption.

iserly is it that it makes auto- eating an actual economy. You goodby forever to furnace y and *still* save money. And nore good news!

Complete line to fit any *size house*

No longer do you have to buy an oversized, misfit oil burner because of too few standard models to choose from. Now, no matter what the size of your home, you can buy a *Factory-Fitted* Delco Oil Burner with an engineered oil burning capacity that *exactly* fits your requirements. There's no wasted heat—no wasted oil. Fuel costs are cut to the bone.

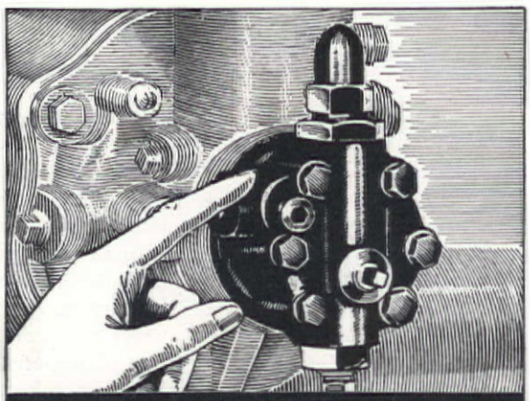
Why experiment when you can be sure?

With the price of Delco Oil Burners drastically reduced, you can now enjoy low-cost, automatic heat that is a Product of General Motors, for no more than you'd pay for an unknown, untried burner.

All the savings of the Thin-Mix Fuel Control . . . all the savings of perfectly fitted burners . . . are yours at *no extra cost.*

Get the facts

Call your nearest Delco-Frigidaire dealer today. Or mail the coupon at right. There's no obligation. You'll find that you literally *can't afford* to put it off another year.



THE THIN-MIX FUEL CONTROL

Cost-Cutting Thin-Mix Fuel Control gets the most out of your fuel

You know how a too-rich mixture in your car wastes fuel. Oil burners that lack proper controls let mixture of oil and air get too rich . . . waste fuel . . . cause smoke and soot. The Thin-Mix Fuel Control—offered only on Delco Oil Burners—keeps the mixture *thin* . . . creates a clean, hot flame that gets more heat from the oil . . . saves money, heats your home for less cost and does it better. It's another modern miracle from the world's foremost builders of devices for combustion of liquid fuels.

MAIL THIS COUPON TODAY!

Delco-Frigidaire Conditioning Division
General Motors Sales Corporation
Dayton, Ohio, Dept. AH-4

I want to save on heating costs. Please send me information about ( ) Delco Oil Burner; ( ) Delco Automatic Furnace for steam, hot water or vapor systems; ( ) Delco Conditionair for forced warm air systems.

Name _____

Address _____

City and State _____

ODUCT OF GENERAL MOTORS

Your Range Should Have THREE OVENS!

To Save Your Time
To Save Your Money

MEAL PREPARATION is a thrilling adventure with the new 1937 General Electric Range—the only range that has the TRIPL-OVEN (three ovens in one). Whole meals may be cooked automatically while you are out of the kitchen! Natural food flavors are retained. Food tastes better—looks better.

The TRIPL-OVEN gives you three different kinds of cooking service. A small Speed Oven for single-shelf baking takes care of 85% of your oven cooking. A spacious Master Oven that accommodates two 15-lb. turkeys at one time—provides extra capacity when you need it. And the new smokeless Super-Broiler has exceptional flexibility, speed and capacity.

Choose from eight models. All have G-E Hi-Speed Calrod cooking units that cook faster, on a slow flow of electricity, at a new low cost! Ask your dealer for a demonstration. Buy the range you want on easy monthly payments. And remember, only an electric range is sure to be modern in the years to come. General Electric Company, Section FR4, Nela Park, Cleveland, O.

GENERAL ELECTRIC APPLIANCES FOR BETTER LIVING

On the hearth of The American Home

[Continued from page 4]

the home is debt free, title clear, taxes paid to date, and the owner's sole property.

The home owner is definitely interested in the long term, amortized, direct reduction loan plan. He is interested in the exact amount of the payments, the exact number, and how long it will take him to secure a debt-free home. The old once popular straight mortgage, on which the interest was paid with effort and the principal dragged on for years and years, with periodic renewals, is no longer in vogue. The mortgagee wants to pay on his home as he pays in lesser amounts for his car and his furniture and his refrigerator. He likes the thought that by paying so much a month, after a reasonable down payment, he will eventually be a property owner, a man with a home, not a tenant house.

Advertising and merchandising the home mortgage has become a business. And the public is buying! The internal reorganization has produced a valuable and desirable product and it is being sold by a dozen methods. Lenders are offering free advice, architectural service, which includes inspection of site, materials, color and finish, selection of contractors, inspection and progress reports of actual construction.

The June issue of the Federal Home Loan Bank Review reports the adoption of a plan in Boston, where a distinguished group of architects, the Small Home Architectural Associates of Massachusetts, is collaborating with the Federal Home Loan Bank of Boston to give the prospective small home builders the advantage of architectural supervision, not only as a safeguard for himself, but as an assurance that the home comes up to neighborhood standards, and is otherwise good security for his construction loan.

The Federal Home Loan Bank System with twelve banks located in large cities throughout the nation was created in the Hoover administration on a plan similar to the Federal Reserve System, in which the banks serve as credit reservoirs for member savings and loan associations as the Reserve System serves the banks. Savings and loan associations, as well as a number of other home financing institutions, have adopted the use of variable interest rates and, using such a plan as the architectural service, permits the best risk and the best security to have the most favorable rate of interest, and at the same time permits the borrower who has less to offer in the way of security a cha to borrow on a little different less advantageous basis.

Savings and loan associati banks, insurance companies, all other lenders are apt to l on their staffs or on a part salary, reputable architects to sist the future home builder. a plan that pays the borrower the lender, experience has sh It means in some instances the lenders are stiffening requirements on new constru so that the useful life of a s ture will bear a definite rel to the length of the loan. Th not always popular with the ulative builder, but for the who expects to live in the erty which he builds, the req ments are to his advantage.

Hundreds of bulletins are i mails, on reading tables in libraries, in waiting rooms, out by builder's supply ho lending institutions and real development offices telling home owner what he can where he can buy it, what h build, how he can repair an model, and, of course, how this can be financed. Every is out to help him, and the with the least insight into future of the real estate ac which is to come will know cisely what to do.

The mortgage loan busin climbing into a new era o mal loans, emergency l being in rapid decline, acc to legal newspapers in cities, bankers' magazines, ernment reports, and fin pages of the daily news al the country.

The home owner is told of times a day in as many every time he picks up his paper, turns on his radio, his car along the highways his favorite magazine, tha he can buy, now he can b renovate his property. F ample, one New York firm lishes a Home Owners' Cat endorsed by the country's architects, and builders. the products are made leading manufacturers, of ing materials. It describes thing from the bathtub boiler in simple, understa terms for the layman. percentage of the illustrati in full color, and the in ables the reader to find the products he is seekin nature of the information i and the character of the facturers whose products scribed will enable ma home builders and man owners who want to cha house into a more efficien unit, to provide a bette better equipped. Approx 20,000 copies have been uted free during the

[Please turn to

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YOU'D naturally expect Heinz to pack the finest tomato juice, for Heinz tomatoes are the pick of the world's best crop! No other tomato juice has the same, rich, fresh-off-the-vine flavor, because Heinz *exclusively* uses the "aristocrat" tomato—developed through years of crossbreeding. From seed to vine-ripened fruit, cultivation of the "aristocrat" tomato is under Heinz supervision. The seedlings, before being transplanted in the fields, are actually *raised in Heinz greenhouses!*

As each firm-cheeked, ruddy beauty reaches its flavor peak, it's plucked and rushed to near-by Heinz kitchens. Scarcely has the dew dried on its sides before it's pressed and the juice sealed in stout tins with only a pinch of salt added.

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Heinz TOMATO JUICE

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• • •

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On the next page is shown a beautif page booklet—"You'll Sing At Your V —which gives complete details. "Befor "after" pictures in 7 colors show the tra mation you can accomplish in *your* kitc moderate cost. Mail coupon with 1 cover partial cost.

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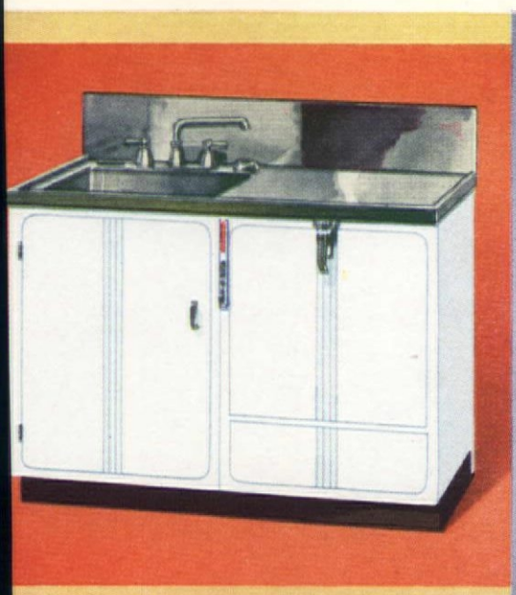

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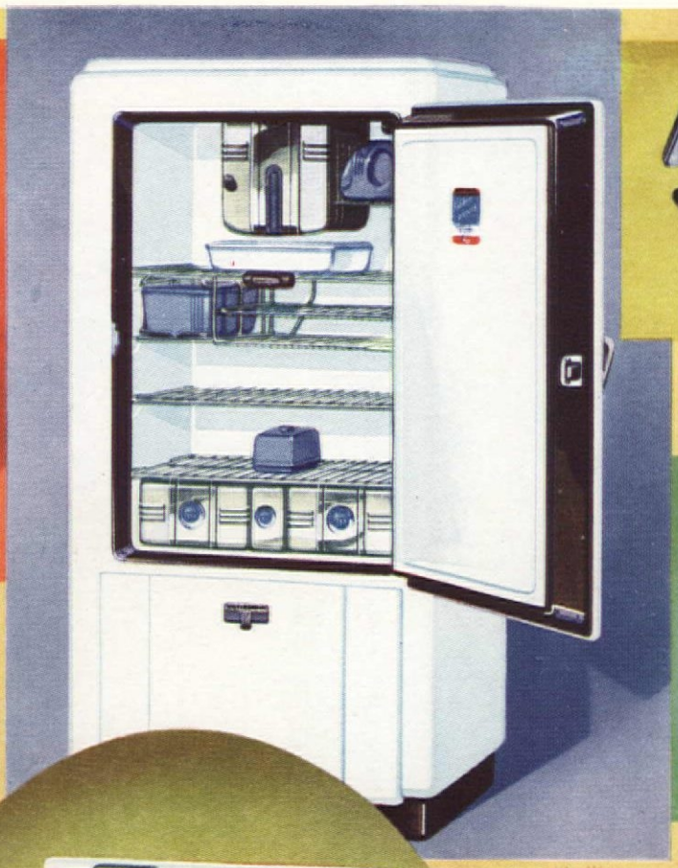

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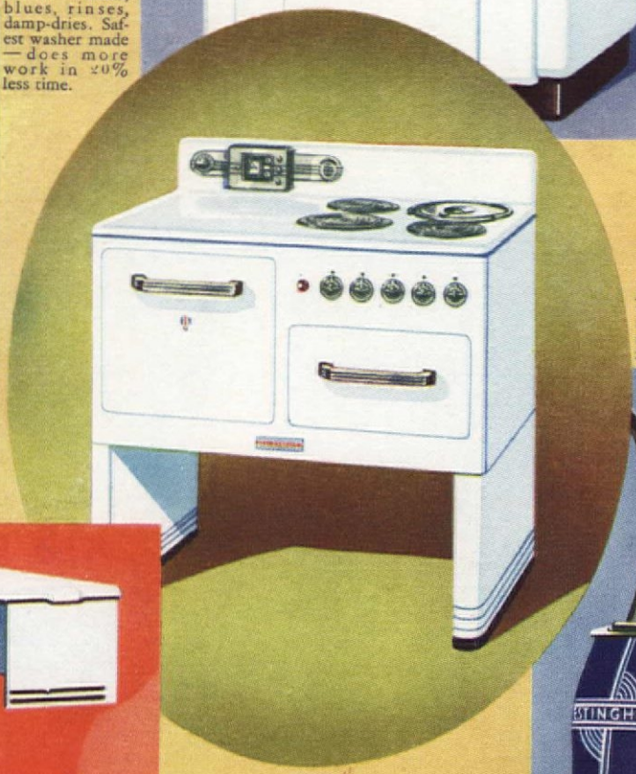

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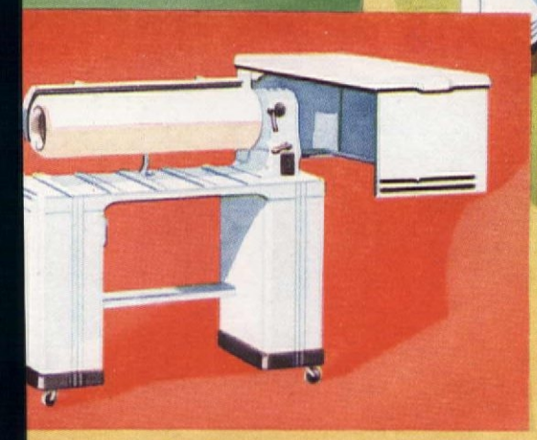

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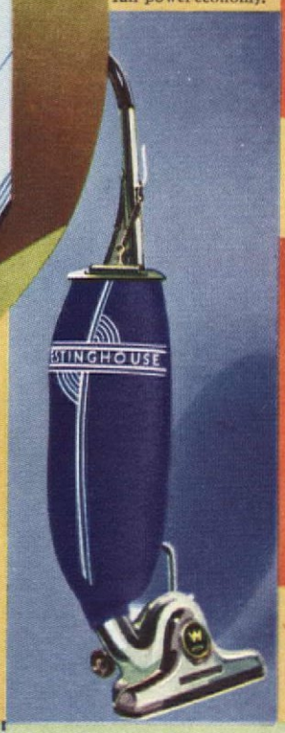

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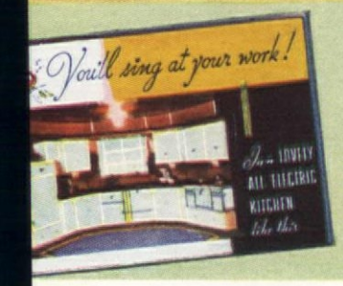

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IV. ILLINOIS, NEW JERSEY, RHODE ISLAND, WISCONSIN: THE VIOLET: Although the most familiar of all Violas—the common, garden, or florist's violet (V. odorata)—is of European, Asiatic, and African origin, the many other species include kinds native to various parts of North America, from the Atlantic to the Pacific and from the Gulf of Mexico to northern Canada. Equally at home in a quiet corner of the garden, on a wind-swept hillside, in

J. Horace McFarland Co.

TARTARIAN CHERRIES

Color, fragrance, and lush clusters overhead—*why not?*

E GARDENERS are essentially conventional souls. Because fruit trees have always been planted in orchards, the suggestion that e grown in the garden in place of shade trees may at first seem ng. Yet there are many advantages in such an innovation. In- of trees which produce only leaves and shade, you have those bear blossoms and fruit as well. And certainly no so-called ental shade tree is lovelier than a blossoming apple in the spring laden with golden fruit in the fall.

own experience in substituting fruit trees for the ordinarily ble maples and oaks has been most satisfactory. When we first from the crowded city to the country I decided to plant enough ees to supply our own modest needs. I also looked forward to y real pleasure and, I suspect, the sense of superiority which ateur gardener feels in presenting his less fortunate neighbor basket of homegrown fruit.

lot has a frontage of 153 feet, with a depth of 170 feet. The occupying an area thirty by forty feet, is placed at one side, twenty by twenty foot garage behind it, thus leaving a large the lot available for gardening and small scale orcharding. house had been built in the woods and little or no attempt had nade to develop any part of the except that immediately bordering dway at the front. This area had ared of brush, graded, and planted rubs and evergreens and the lawn before the house had been terraced lded. At the side, all kinds of un- th flourished—huckleberry bushes, lea, poison ivy, mountain ash, and so on. Also innumerable rocks—which eventually formed a stone wall around the garden! At the rear, the lot had been badly cleared, roughly graded and sown to grass and here a feeble attempt had been made to raise fruit trees, six of which were still standing when we took over the place and began to make our plans.

Once the grounds were put in good condition, I gave my attention to these six trees, consisting of two Elberta peaches, one York Imperial apple, one Baldwin apple, one Napoleon cherry, and one Duchess pear. All had been improperly planted and were in bad condition. The peach trees had been attacked by the major peach borer and the peach twig borer. When the smaller of the two also developed the yellows, that dread disease which destroys whole orchards, I promptly dug it out and burnt it. The other Elberta was soon brought back to a thriving condition and has produced a large crop of luscious fruit every summer for the past five years.

The two apple trees were suffering from repeated attacks of green, black, and the woolly aphids, the canker worm, and tent caterpillars. Spraying finally exterminated all of these pests except the woolly aphid which had the unpleasant habit of returning. The difficult task of eradicating them was ultimately accomplished more through cultivation of the soil around the base of the tree and an abundant use of fertilizer than by spraying. By getting the young apple tree in a fine healthy condition we enabled it to outgrow its worst enemy. Much to our great joy, both apple trees have borne fruit for the past three years.

The Napoleon cherry had also been badly injured by the major peach borer.

Why not, indeed, the scent of fragile blossoms in spring and ripe, rich fruit in the fall—instead of mere green foliage above us in the garden?

MARIE WEISBERGER

A. T. De La Mare

Don't try to grow your peach tre from pits; seedlings are unknov quantities. Study a good nurse catalogue and select for flavor a quality, not mere yield and si

Pale pink blossoms in spring: amber fruit in fall

These I immediately cut out, using a small penknife for the purpo and the tree promptly recovered. It now bears a good crop of fr every summer—but a crop which must either be picked before it ripe or protected from the birds if we are to get any of it ourselves. In addition, the tree is an especially beautiful one, w rounded, and gorgeous with blossoms every spring.

The Duchess pear required only one spraying to free it of ins pests. Since then it has been strong and healthy and it always be well. It and the Elberta peach stand within what is now my ve table garden. Undoubtedly both have benefited greatly by regular cultivation and fertilization of this ground.

As all of these trees were located on the rear portion of our I had abundant space at the side of the house for further plantin therefore ordered: two pears, one Bartlett and one Seckel; two plu one Burbank and one Bovary green gage; two apples, one Delici and one Golden Delicious; two quinces, one Orange and one Ch pion; and one Montmorency cherry.

In addition, a Champion peach which came up as a voluntee my vegetable garden was transplanted to the side garden, thus giv me fifteen fruit trees in all—more than enough to supply the aver American family with fresh fruit all the year round, not to men jellies and preserves for the winter months.

In deciding where to plant the new trees, the general appear of the house and grounds had, of course, to be considered. Fruit t have their place in landscape gardening and can be used just effectively as evergreens, flowers, or shrubs. But when planting a tree one must be able to visualize its appearance when full-gr and in blossom or bearing fruit. Because of the slant of our lot planted the small, low-growing trees, like the quince and the pe nearer the front, and those that grow to a greater size and he on the higher ground at the rear. We were careful not to plant of the trees very close to the road. Our suburban homes with t gardens protected only by low hedges are an eloquent commen the progress we have made toward universal honesty, but it is wise to tempt providence too far by planting fruit trees so clos the street that they invite invasion.

When it came to the actual planting I ran into unexpected culties. The top soil in our section is rich but shallow, seldom than twelve inches deep, and in most places only six or eight in

McFarland

any wonder that the Jap-
e venerate the cherry tree?
much it brings to this garden!

mmediately below it and
xtending down to bed rock
a hard, dense, yellow clay,
nterspersed with pieces of
rap rock of varying size.
oung tender roots simply
annot penetrate this hard,
ement-like clay.

Because of this condition
nd lest they become weak-
ned and diseased through
ack of nourishment, I had
o dig larger holes than are
sually provided for trees of
hat size; holes two and one-
alf to three feet in diameter
nd also in depth I found to
e the most satisfactory.

The matter of planting is,
have found, the most im-
ortant factor in the success-
ul growing of fruit trees. It
ays the foundation for the

health of the tree and must be done correctly. First decide where each tree is to be planted. Select a spot suitable to the growth of the tree, not too much in the shade of the house and not too greatly exposed to wind and rain. Then dig the hole, carefully piling the good top soil alongside and for really the best results never make it less than two and one half feet in diameter and depth.

When the hole is dug and ready it is time to buy your tree. Purchase it from the best of the nationally known nurserymen in your locality. He knows the varieties of fruit best suited to your part of the country and can supply you with them. Cultivate his friendship, for the suggestions he can give you, born of years of experience, are of inestimable value and will enable you to avoid mistakes that might ruin your trees.

When the tree is delivered plant it just as soon as possible—hence the wisdom of having the hole dug in advance. Place some dried leaves, old

[*Please turn to page 150*]

Blooming plum in Santa Barbara

J. Walter Collinge

This plum tree, in the gar-
en of Mrs. Craig Heberton,
anta Barbara, California,
as been trained and is kept
runed to cover the wall
f house (Marjorie D. Kern)

You're living downhill?—You're in luck!

—and if you have never realized the possibilities and thrills of gardening on different grades—down, up, and sideways—Professor Bottomley's very helpful suggestions on these three pairs of pages will open your eyes

M. E. BOTTOMLEY

Don't tell me you're looking "that way" because Aunt Emma left you a downhill lot and you think it a poor building site. . . . actually, you're in luck! Far luckier than the nieces and nephews to whom were bequeathed ordinary sections of Mother Earth.

The property that drops somewhat rapidly from the street is endowed with many advantages that fit in well with modern-day practices in living. Now that the living room, dining room, and basement recreation room are actually being built in the rear of the house with the porch or terrace here rather than at the side, the outlook becomes really important. Certainly, the downhill lot allows a definite opportunity for unobstructed view into the distance, and combines equal opportunity for detailed development within the limits of the property. In order to keep this valley view unobstructed, the planting along the side boundaries should be kept low. In order to provide the privacy for the rear living areas, the boundaries can become ' gher as they approach the house, with trees included to give shade.

The first impulse will be to grade the sloping house-site into levels; but, when the drop is great, this is expensive in both grading and wall building. If the grade is as much as twelve to fifteen per cent, and surely if it is greater, the development of the rear yard might be effected with the minimum grading by planning these three features:

1. A level area adjoining the rear of the house, either a few feet below the first floor level or at the basement grade. In the latter case, the recreation room in the basement will have easy access to the yard.

2. Beyond this, a downhill grassy slope (see Fig. 2) slightly concave in profile, may extend from the upper level area to a lower garden level at the back of the lot. This slope is mainly a connective between the two levels. It can be bordered with shrubbery, could have a ramped walk on one or both sides, and, if the lot is sufficiently wide, might include flower beds along the walks. I think it better not to terrace this slope into several levels, because, however low the terraces, they tend to break the open effect of this area.

3. The lower garden is the arrival point and it must be made sufficiently interesting to justify the trip. Seats will be needed in a shaded spot; a pool is desirable; a low rock garden can form the boundary on the upper side of this area, and flowers in pattern beds will appear to good advantage from above. I believe that the rear boundary planting should be tall—even including a few trees to stop the view into the lot beyond. Obviously, this depends upon conditions. If the view of the property directly in the rear justifies, then eliminate most of the high shrubs and trees, but keep a rear line planting of shrubs and evergreens high enough to complete the picture of the lower garden and the whole yard.

Should a rear yard of this type be graded into level areas, the principles governing this particular design might very probably be:

1. To create a first impression of spaciousness by an open lawn similar to the open area of the level lot that adjoins the house in the rear. This unit may include two thirds of the length of the rear yard, and is treated mainly as lawn with side boundaries of plants. An architectural overlook point at the end usually looks down upon a garden area where most of the flowers are grown. This may also be the principal rest point, or that may be provided at one end of the lower garden if that location seems preferable.

2. To create this same feeling of size and yet do away with excessive filling where the slope is considerable, a narrow terrace at the house can be intimately related to a larger lawn area below at a median level (Fig. 1). Like all backyards this lawn area should remain open but it partakes a little more of the character of a garden and may include flowers along the sides and across the back. The wall that retains this second level might well become a rock garden to be seen from below. The break in grade between the upper two levels could be controlled by a low wall or a terrace but should scarcely be as picturesque and ragged as a rock garden. This upper terrace may be the only rest point and therefore needs shade from well placed trees.

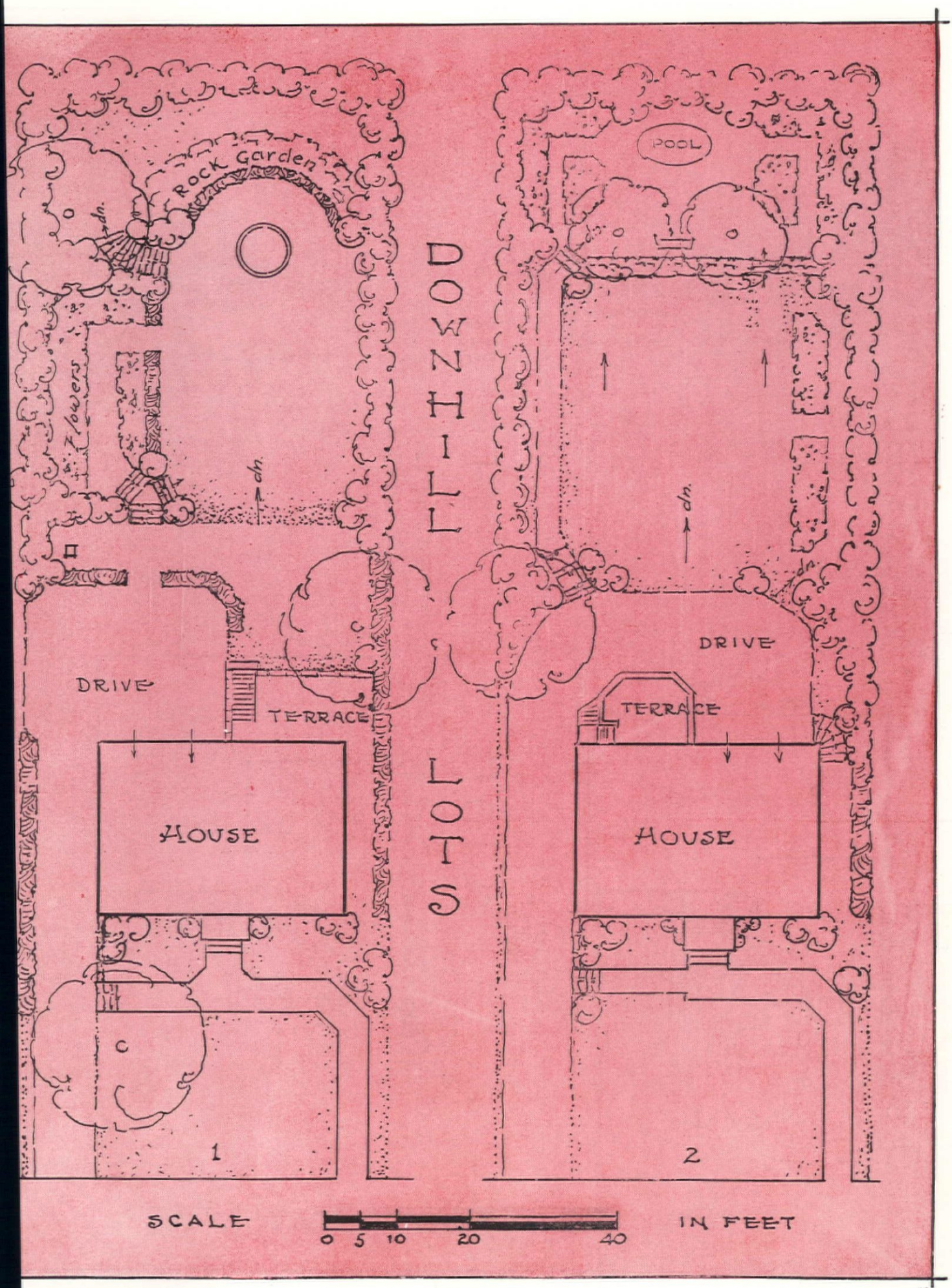
The placement of the garage on the downhill lot is satisfactorily arranged in several places. If the lot is sufficiently wide, the garage can be attached to the house at the street level or placed in the basement and entered from the side. Either of these placements requires a minimum of twenty-two feet of space for a two-car garage. Either treatment is economical in space requirement. And yet the garage usually is found at the rear of the basement, necessitating driveway construction where the living terrace should be. Both drawings are of this character because it is more difficult to do well.

If the garage must be there, at least the drive can be made as formful as possible with a straight line across the back (Fig. 2) or a rectangle (Fig. 1), and as neutral as possible with "black top" or brick instead of concrete. In fact, hard brick with grass joints over a cinder base forms a practical and aesthetic drive court. The driveway grade into these hillside lots must be considered for winter use. A gradient above fifteen per cent is too great unless the distance is short. Even grades above twelve per cent will give trouble in winter.

All in all, the downhill lot is desirable if the house is designed to fit the lot and the lot is properly developed. Too often, awkward and even ugly scars in architecture, driveway, and landscape result from improper design and poor adaptation. The objection has been voiced by the rock garden enthusiast that the walls or rock slopes are not seen from the house. This is quite true, but to me it is fully as desirable as having the rock gardens in full view. The downhill property is suited particularly to the display of horizontal rather than vertical design. Added to this is the value of the distant view. If properly developed, this particular type of land can have everything

The development of downhill planting principles at the left inclines toward the naturalistic. Below, a cluster of the radiant yellow flowers, and a single bloom enlarged, of Doubloons, a lovely, hardy climbing rose—one of 1937's gifts to good gardens

J. Horace McFarland


Rock Garden
Flowers
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DRIVE
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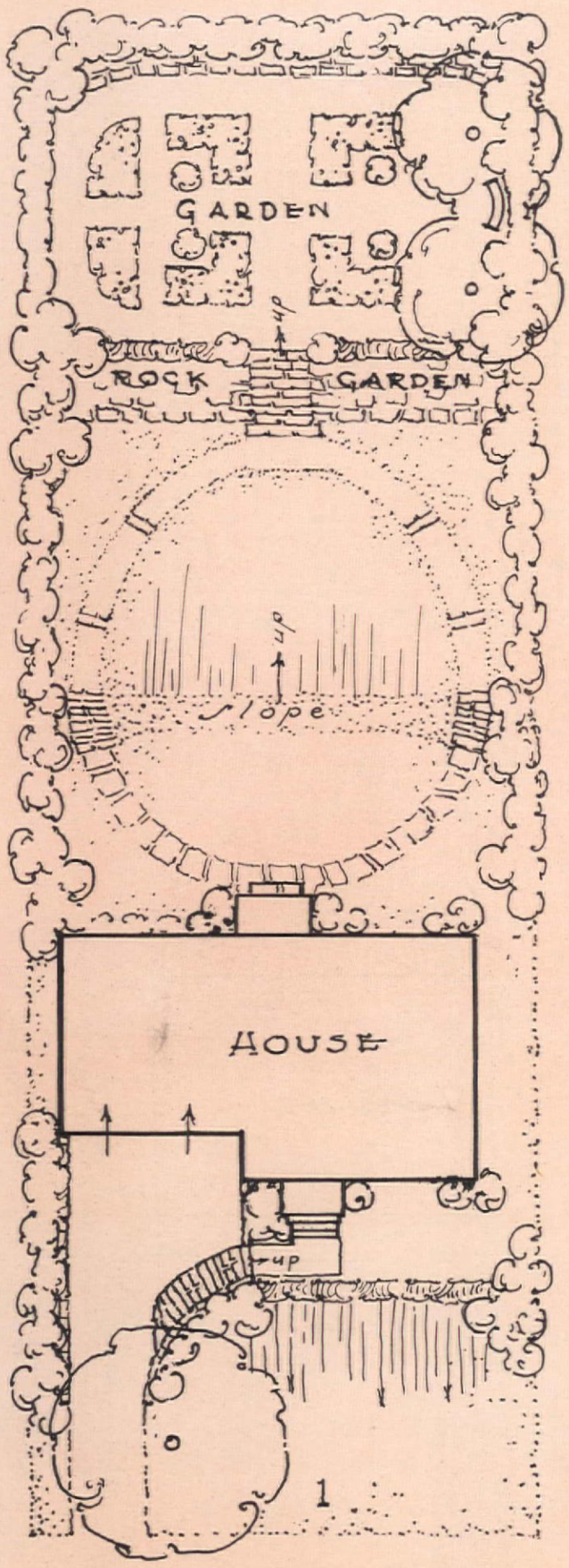
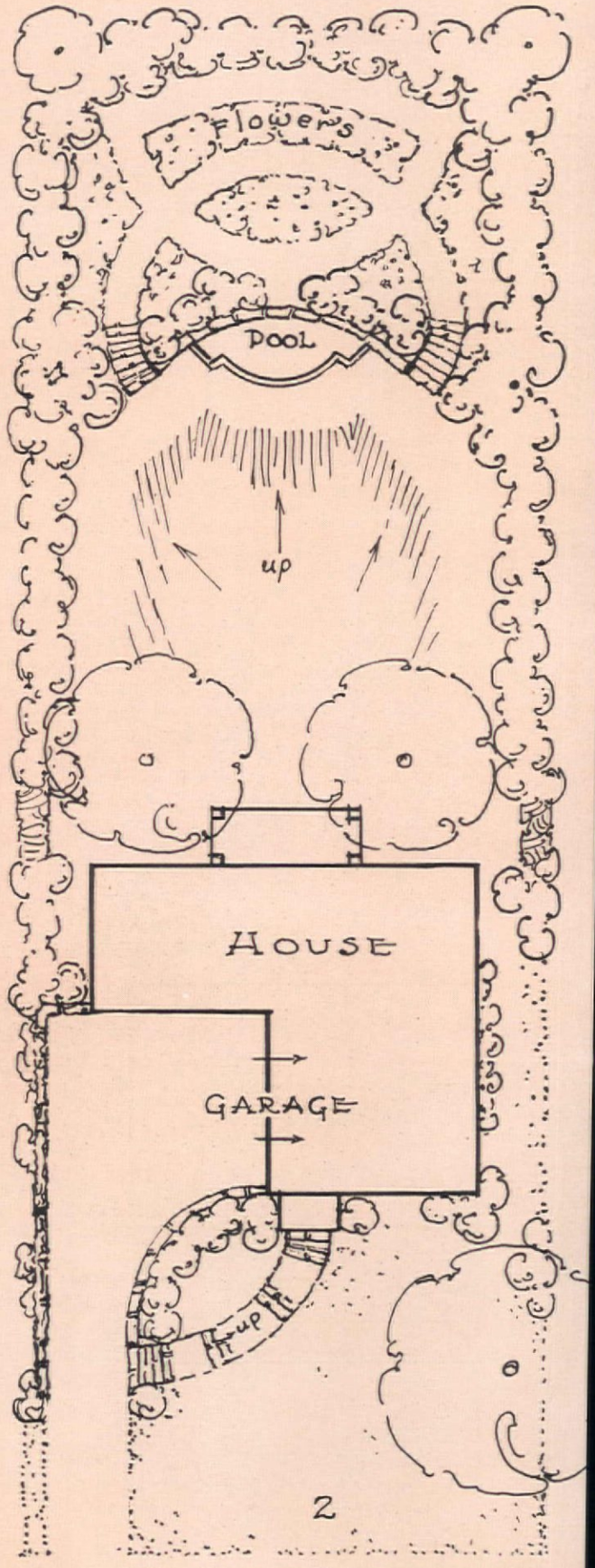


HILL LOTS



SCALE 0 5 10 20 40' IN FEET

Uphill is more difficult—but interesting

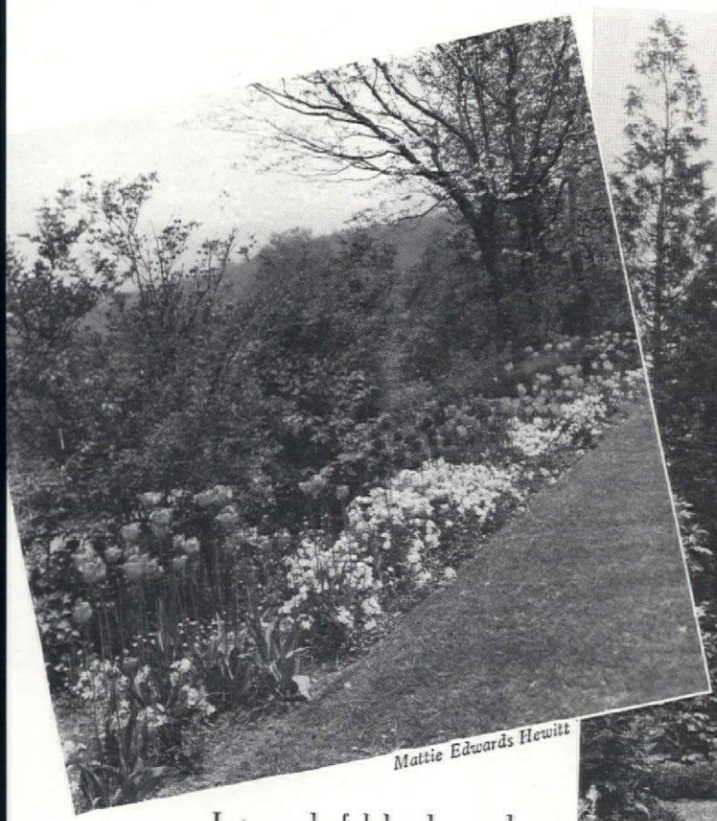
WHEN your house is situated above the street you are presenting the building advantageously, but the ideal background development is difficult to achieve. It is true this backyard can be developed to vertical pictures. You may ask what constitutes an ideal development of a small lot. I should say: An outlook that is spacious, beautiful, and usable, including ample lawn, interesting boundaries, and space for flowers; a comfortable rest point, and a logical architectural feature—all are requisites.

If a property is sharply upgrade, the usable open lawn is almost impossible to arrange. But, you will probably say, no more so than on the down grade, is it? Well, the land below the house may not be more usable from a physical standpoint, but it is possible to see and the outlook is more spacious. However, if the grade is not too great, the lawn rising from the house can be made just as charming as the level or downward type. The uphill lawn should be graded in a concave manner, as in Fig. 2, (page 20) to permit a good view of the surface. At the end of this lawn may be a feature that counts vertically, but more desirable than a stopping point is an opening with an alluring indication of what is beyond. Undoubtedly, color carries the maximum of invitation. The flower garden in this location at the end of the lot serves best its function in the general improvement of the property. It should be important enough to go to.

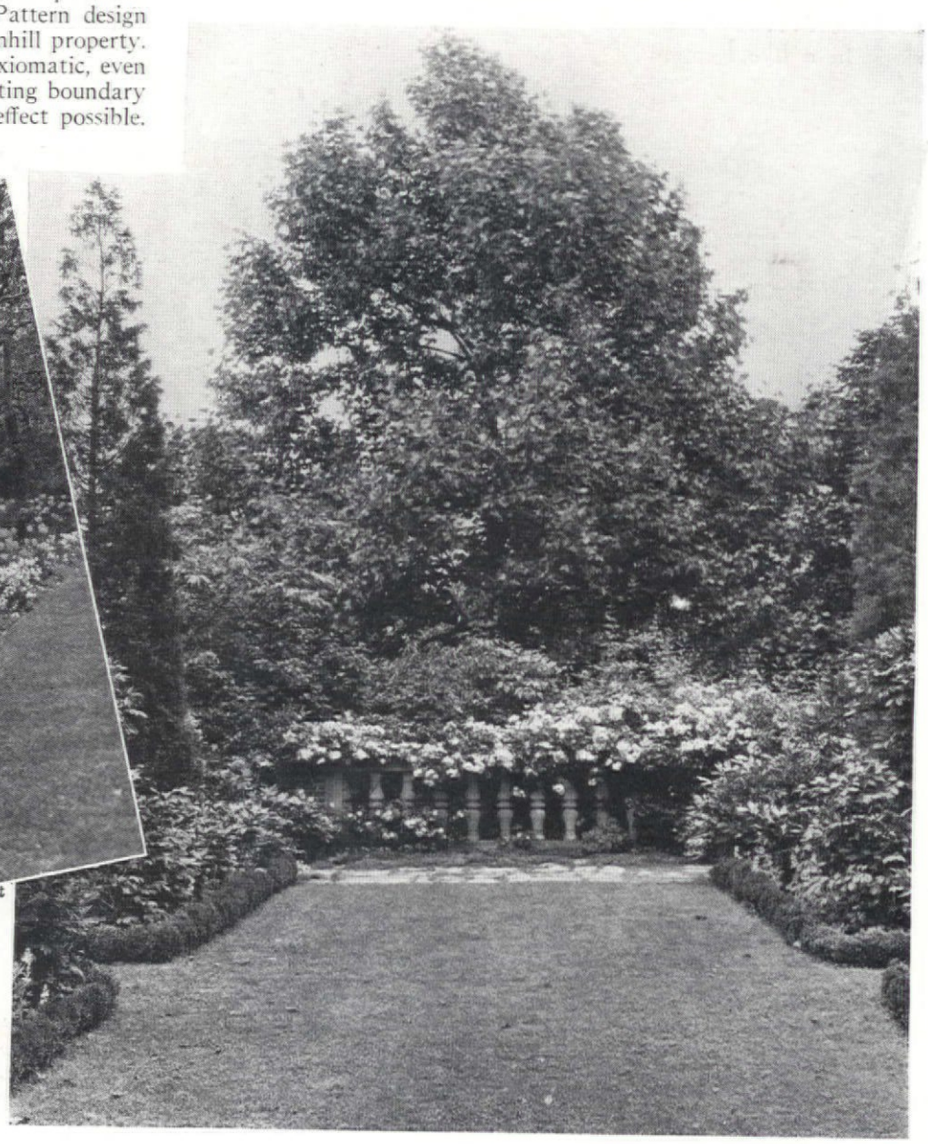
The rising, open lawn, extending back as far as possible from the rear of the house need have nothing upon its surface. Its beauty will be in boundary planting and, possibly, in terraced grading at the upper end. The art of rock gardening becomes both logical and effective on the uphill property which offers the rock garden enthusiast the perfect setting. Rock walls belong here, and as they face toward the house they can be seen to advantage from the rear porch or windows. Uphill lots, then, become vertical gardens. Pattern design will not show to good advantage, as it will on the downhill property. This means that the open center becomes, as it were, axiomatic, even more than on level land, because a complex and interesting boundary demands a simple foreground for the most successful effect possible.

Now, let us consider the lot that is sharply up-grade (Fig. 1). That which is most difficult to achieve in the design of this backyard is spaciousness. In the rear of the house a level lawn, at least twenty-five to thirty feet deep, is most desirable. Then, with a wall or terrace only three feet high—low enough to permit an easy view into the second area, which may slope upward—the first impression of openness may be achieved. Above these closely associated units may be a terraced slope or gardened wall sufficient to stop the view, with only an opening to indicate the presence of the upper garden. In this upper garden should be located the ever-needed rest point from which a broad view can probably be presented.

One thinks first of placing the garage on the uphill lot in the basement. This garage can be entered from the front, (Fig. 1) or better, from the side (Fig. 2); but never from the rear. In both permissible arrangements, retaining walls at the driveway will be needed and may easily become scars in the front yard picture unless kept low or subordinated by overhanging plants. In either case, the drive should be crowded to the side of the lot, even if it must be curved in to the garage, in order to leave a wide sloping lawn in front of the house. This front lawn usually should be graded in a convex or ogee profile to reduce the height effect. Immediately adjacent to the house a front terrace may be bounded by a low hedge (Fig. 1) to create a pleasant door-yard unit that connects to the rear yard. The fact that the uphill lot is, by nature, far more ideal, makes its design even more important in order that as many scars as possible shall be eliminated; that there shall be achieved as much outlook and beauty as the conditions will permit. It presents an excellent test of one's planning ingenuity.



Mattie Edwards Hewitt



Let a colorful border enclose the upward slope . . . . then, at the summit of the rise, create a vantage point from which to look back upon the garden

—but sidehill is easiest of all!

If you have a chance to buy a sidehill lot, especially if it has a view, take it. The sidehill lot is a type of property that lends itself easily to the development of an ideal plot plan. It approaches the level lot more nearly than the uphill or downhill variety. In fact, it combines the usable, level areas of the flat land with the picturesque slopes of the hillside. As we know, the width of the city lot is commonly much less than its depth; hence the difference in elevation between the upper and lower sides will be only four to six feet or possibly eight feet. Consequently, the major part of the lot can be graded to approach the level of the house so that the interrelation of the two can be easily effected. A minimum of expense in wall building is needed to produce level areas, and yet a sufficient difference of elevation exists to permit the building of interesting slopes and slightly lower gardens. By buying a sidehill property you are acquiring not only a picturesque house site, but also a property that can be so interestingly developed that it will seem much larger than its actual size. In my opinion, the sidehill lot holds the possibilities for a compact and ideal home development.

For example, the typical sidehill lot might be graded down two or three feet at the upper lot line. This can involve a planted slope or, in a gardened rock wall, form a logical (and hence more beautiful) rock garden. About two thirds of the width of the lot can be leveled into a lawn area adjoining the living or dining room of the house, which we hope will be placed on this upper side. This area, probably, will extend to the rear of the property in order to give the desired feeling of spaciousness and usefulness. Some sort of inviting rest point is needed at the end of this lawn area, to be used for leisure hours, to look at, and from which to view the rear of the house. The upp corner of this lawn level is an appropriate place for more elaborati in rock gardening with a pool in connection (Fig. 1). In this ca the shaded rest point would be at the lower side of the lawn ar where visitors could see the pool and overlook the garden treatme of the lower side of the lot. Below this open lawn that constitutes t major part of the backyard will remain a strip of land, perha fifteen to twenty feet wide and the length of the rear yard. This c be utilized as a service yard or a vegetable garden, but usually made into a flower garden. The drop into this area, which may four or five feet, generally appears best as a vertical wall with ve little rock planting but with a low hedge at the top and a few vi hanging over; the reason is that the interest is to be reserved for t long flower beds that are shown here.

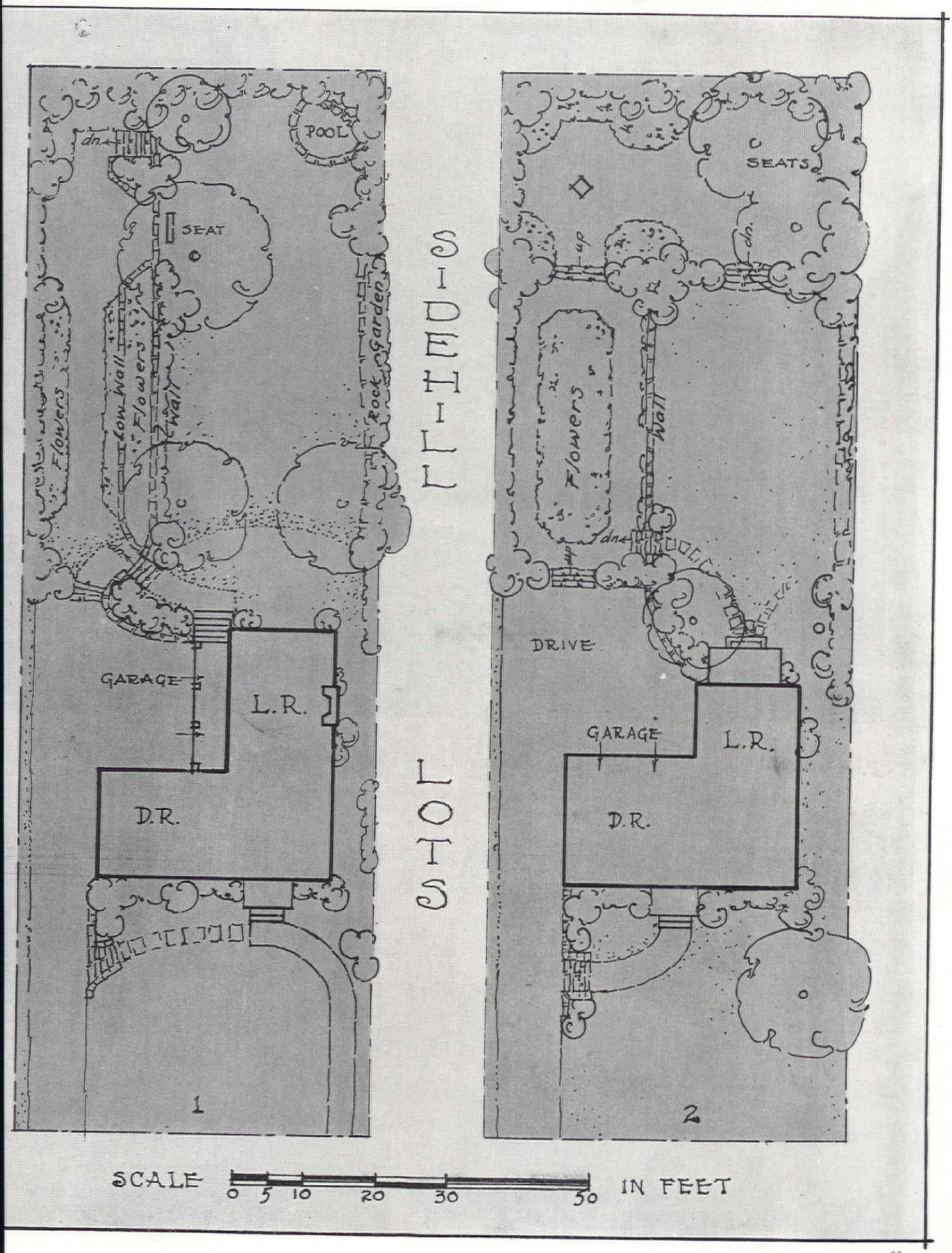
Equally satisfactory on the side-slope lot is the efficient mann in which the garage can be installed in the basement without havi the driveway cut into either the back or the front. At least, t will be the result if the house is placed and designed with the gara and landscape plan in mind. Quite naturally, the drive will be on t lower side of the lot where it can be sunken and subordinated witho great excavation. The basement garage now becomes logical, h shall it be entered from the front, the rear, or the side? The fi suggestion has been justly criticized by the architect for the reas that it usually degrades the appearance of the house front. The r entrance has been objected to by the landscape architect because drive turn takes up so much of the backyard space. An entrance to basement garage from the side does not materially affect the fo ground to the house and does not cut into the backyard sufficiently limit its usefulness or detract from its beauty. However, there is limiting factor—the width of the lot.

Normally, the house occupies the greater part of the prope width, leaving only about twelve feet for the driveway. At le twenty-two feet is needed for a turn court at the side of the hou and twenty-five feet is better. On the seventy-five foot lot this m space is available if the house is located close to the ot property line. But on the fifty foot lot, it can be provided o by designing the house to accommodate this need. The re will be an L-shaped building with the garage underneath rear wing (Fig. 1). An offset of only ten feet in the house provide sufficient space for the side-drive turn.

A one-car garage may be entered from the front of the s hill lot without dominating the scene and with less object than on the level lot because only one wall is needed. But general, garage doors in the rear of the basement are to be p ferred. That the drive can be placed so as not to interfere w the backyard is illustrated in Figure 2 on opposite p

What can *you* do with a rocky outcrop beside the house? . . . or with a gentle grassy slope in a like location

Margaret Bourke-White


SIDEHILL LOTS
POOL
dn.
SEAT
Low Wall
Flowers
Wall
Rock Garden
Flowers
GARAGE
L.R.
D.R.
1
SEATS
up
dn.
Flowers
Wall
dn.
up
DRIVE
GARAGE
L.R.
D.R.
2
SCALE
0 5 10 20 30 50
IN FEET

All on a "useless" piece of land

P. J. VAN MELLE

SHADED by the house and by roadside trees, and air-cooled by a wooded grove near by, a twenty-foot strip of ground lying between the writer's home and the Albany Post Road south of Poughkeepsie, New York, was transformed into the woodland garden shown directly above.

A screen of bush honeysuckle along the road, a little pool, and a few hemlocks, rhododendrons, and azaleas furnish the main accessories. A thorough soil-making job, resulting in deeply prepared, moisture-retaining, woodsy earth, was a fundamental preliminary step. Literally a thousand and one odds and ends of native and exotic woodland and shade-loving plants completed this lovely syl

The border extending along the hou the left was raised and backed with a reta which stands at some distance from the f leaving a working passageway betwee and garden. In this way the surface of is raised well up to the window-sill le one may look out through the window close range hepaticas, ladyslippers, tw whatever happens to be poking up or sh and also enjoy the picture of the pool a ting beyond. At the far end of the po water trickles into it, is a Sargent weepin

Three d ings tha Mr. va garden: bunch-l nus ca yellow in a s Brunne phylla; umbro

lway along the walk grows Viola priceana, the Confederate violet. At the of the walk is a mound of the tiny-leaved evergreen Euonymus radicans ensis—very dainty and thoroughly charming.

he smaller pictures represent a few of the many other plants accommo-d in this garden—most of them photographed right in their happy sur-ıdings there; and here are some notes about their likes and dislikes:

Plants and their requirements

) Cornus canadensis, the bunch-berry, if given an acid soil, will make f at home. If the soil is acid and the place cool, it will not insist on y shade for proper growth.

) The common yellow ladyslipper in this garden has a way of flowering e company of Brunnera macrophylla (also called Anchusa myosotidiflora) ing a cheerful combination of butter yellow and cobalt blue that becomes he more charming as the blue florets begin to drop and strew the ground. nis garden are also the smaller yellow ladyslipper, which often has brown s, and many forms intermediate between the two.

) Saxafraga umbrosa variety London Pride likes a rich loam and a shady . If it takes to the location at all, it will grow into broad mats and the of the pinkish flowers, carried on graceful racemes, will be most charming.

) Viola rugulosa, from the western United States, of which this garden sses a charming, pale pink flowering form, thrives almost too well for the ort of the gardener. It spreads rapidly below ground and self-sows in argain. It should be a fine thing for naturalizing over large areas.

) Pachysandra procumbens is an American relative, from the south-rn United States, of the Japanese spurge. It is a good cover plant for deep , but it is not evergreen. The effect of the whitish flowers and chocolate-ed scales in earliest spring is most interesting and unusual.

) The double-flowering form of bloodroot is rare and has been found in one or two stations. It is not more difficult to grow than the common, form, nor is it more beautiful. It spreads somewhat more slowly and, urse, does not self-sow.

) Viola pedatifida, another western United States species, maintains itself with much less difficulty than does our eastern birdsfoot violet. Not as iful, perhaps, as that species, it is at least worth its place in this garden.

All photographs by the author

Viola rugulosa

Pachysandra procumbens

Double-flowering bloodroot

Viola pedatifida

DISCIPLINE IS NOT REPRESSION

YOU stop and start by traffic lights . . . keep to the right . . . stop for police whistles . . . and move through university halls in obedience to bells

LIFE in large families disciplined us normally . . . no hospitals to spare sickness and no country clubs for entertaining guests . . . life in large families pulled young and old into a coöperative service for the group

CLARA B. DEAN

LY everyone who has a child to cherish d rear says, now and then, "That young-eeds discipline."

the thought cools when the modest continues the conversation with him-Remember your psychology," he warns. must not break Tommy's spirit. Let xpress himself and find his own way. t this and that if you like, toll him on, t him, make *good* desirable, but never your will. After all, your philosophy no more than a crystallized hangover Tommy is grown. The boy must not be inated and cowed. Hands off."

Modern Parent eases his conscience ing himself a story to point the moral iscipline often replaces one bad habit nother, often substitutes an abnormal n for a normal one. I've always favored ry that Joe McElhaney tells about his Not that our neighbor Joe points a in the telling of the story; he thinks s only a pretty good joke on himself. ory is his, the soothing moral mine. s you, too, have heard the story and for soothing syrup to your conscience.

Joe says his mule ran away every time the train came bumbling down the tracks near the cornfield where Joe was plowing. "Now what can I do," he thought, "to break that cranky mule? I can't have her running away every time she sees a train." Looking about, our neighbor decided that a hickory tree growing near the tracks was stout enough to hold the mule. Day after day Joe tied his mule to the hickory tree. Each day the mule kicked when the train rattled past. After a time our friend decided that the mule had lost her fear, that the discipline had worked, and that it was time to stop the foolishness of leaving the corn field every time the whistle blew. It took a lot of common sense to teach a mule, Joe thought.

The mule walked between the rows of corn. Joe heard the train whistle, leaned on his plow and gloated. The train came nearer and the whistle was louder. The mule stopped to listen. Her ears twitched to the urgent moan. Then she was off down the field, across the rows of corn, and down to the hickory tree near the tracks where the earth trembled—but a mule was safe when a train passed by.

So with men, as with mules, discipline often fails. It has been true so often that the very word "discipline" is seldom used by parents or educators who wish to be healthfully progressive. Discipline is like arsenic, good only in small doses and only when the child needs it badly. Because we know discipline can be destructive, we distrust it, and fear to use it when it is badly needed.

But if Modern Parent could stand off and look at himself in amusing caricature so that he could interpret himself, and look at his child, also in caricature, he would wonder, as did his Victorian grandparents, "What is the world coming to!" He would see a man who stops and starts by traffic lights, who obeys and believes in all manner of signs, who punches time clocks, who listens for factory whistles and police whistles, (*Please turn to page 78*)

A reader brings Cape Cod to N. J.

The Tenafly, N. J., home of Mrs. W. Newell Smith

BUILT within the last year, this very house was planned to accommodate wing off the living room to the south, a as conditions allow. It is built of white board, with dark blue-green solid shutters gled roof to match, and brick chimney

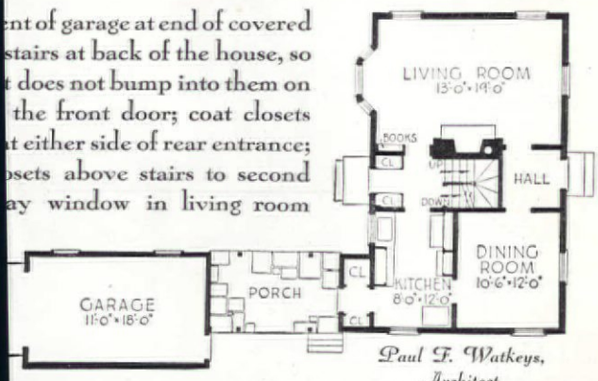
INTERIOR FEATURES: Wallpaper throughout the house, to provide as much ration at as little cost as possible; cushic ruffled curtains uniformly throughout the house; rich brown broadloom carpets, roo

LIVING ROOM: White wallpaper with be brown motifs; brown carpet; green sof chairs in brown, green, and white chintz, and curtains; white wire accessories.

DINING ROOM: Red and white paper, r center fixture, corner cupboard lined wi blue, maple furniture, red and pale blu cushions with pale blue cording.

MASTER BEDROOM: Pale blue paper, dots; French provincial furniture; red an linen bedspreads, and matching bed uph cornices, old wallpaper on wooden corni

nt of garage at end of covered
stairs at back of the house, so
t does not bump into them on
the front door; coat closets
t either side of rear entrance;
osets above stairs to second
ay window in living room



Paul F. Watkeys, Architect

F. M. Demarest

The Swallows build a nest

A practical house for the small-home owner

CHRISTINE FERRY

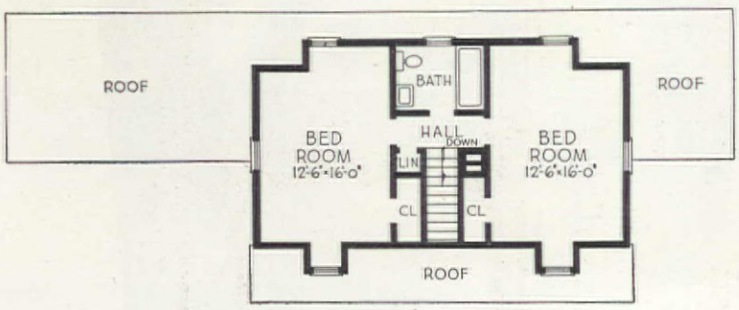
PLANNED on traditional lines of early New England architecture and accommodated to the requirements of present-day living, this simple Cape Cod cottage, built for Mr. and Mrs. Guy W. Swallow in Nashua, New Hampshire, is a nice example of sane house planning for the small-home owner. Although compact, it has ample floor space and the rooms connect with one another in such a way as to afford the privacy all too often lacking in small houses. At the same time the arrangement simplifies the business of housekeeping to the nth degree, which is essential in this day and age.

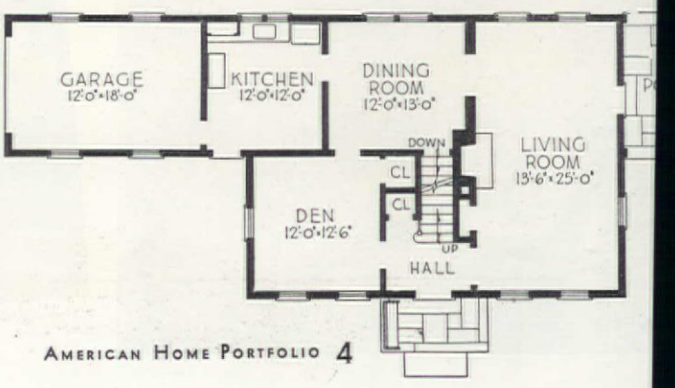
Economical house planning should, and in this instance does, look after the matter of upkeep as well as the original structural cost. Being low studded, it is easy to heat; the area of the exterior surface to be re-painted is relatively small, and there are no projecting dormers to suggest future roofing difficulties. Both the garage wing at one end and the open porch at the other join the main structure in such a way as to permit an unbroken stretch of roof across the rear—a desirable feature of both construction and design.

Aside from being practical, it is also a hospitable little house. A flagged path leads from

[*Please turn to page 106*]

George H. Davis Studio

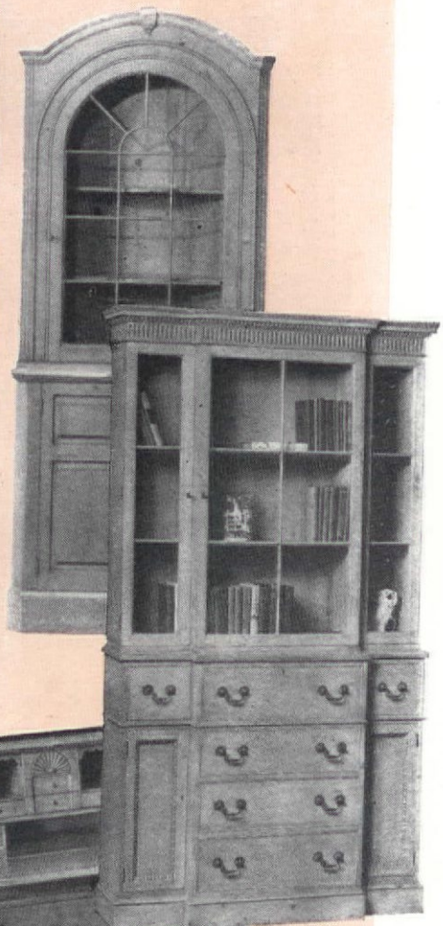




REPLACE and REPLENISH

HARRIE WOOD

CHARLOTTE L. EATON

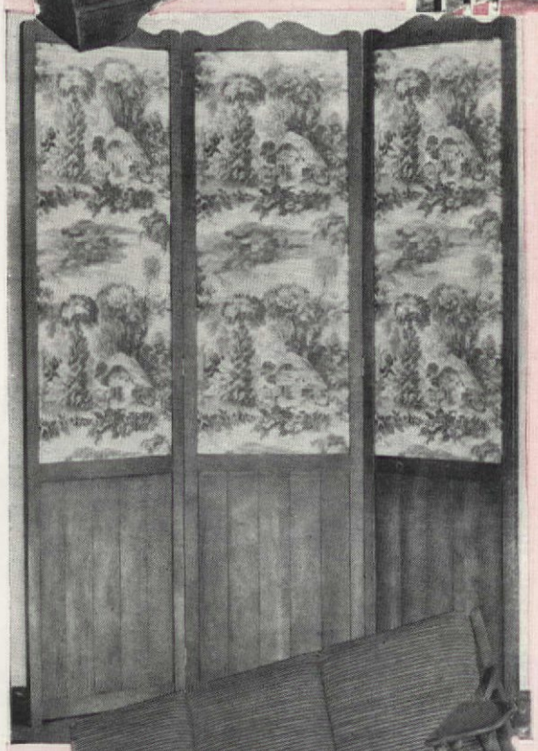


18th CENTURY—

THE AMERICAN HOME has never stood for model rooms, as such, since in our editorial heart of hearts we know perfectly well that practically no one throws out the entire contents of his house, or even of one room, and starts from scratch to redecorate and refurnish. What we do know is this: there is not one of us who does not have certain pieces of furniture that we would like to replace because they are worn, an inappropriate size for the space they must occupy, the wrong finish to go with the rest of the things in the room, or the wrong thing altogether if the room is to have that certain amount of style we all want just as much as we want style in our clothes. Also, there are few of us who do not feel the need of an extra table, a desk that we can really write at, one more comfortable chair, things we have wanted a long time but have

Detailed description of furniture is given at the end of this article

EARLY AMERICAN—*New designs for our present-day mode of living*

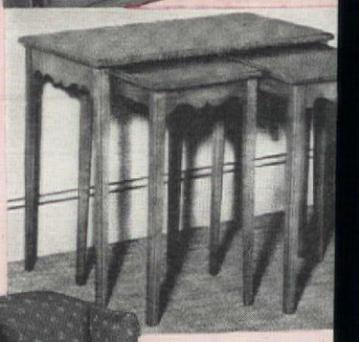


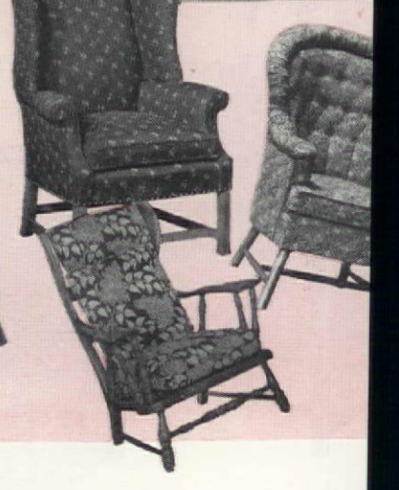
just put off getting. So in these pages we urge you to "Replace and Replenish"—replace worn out or unsuitable furniture; replenish with new pieces which will exactly fill your need.

As we look over our notebook, we are considerably put to it to know just what furniture to select to show you. There is so much that is intensely interesting that we could fill an entire issue of the magazine with it! But since that is out of the the question, we have had to select a limited number of outstanding things to illustrate, and remind you, at the same time, that there are dozens, in fact hundreds more in the shops of just as much interest.

The new furniture this spring seems definitely to have been planned as replacements and additions to the things we already have. Most of us have furnished our houses in one of three styles, not that we have wanted to be academic about it, or surround ourselves with museum-like backgrounds, but just because that is the particular kind of furnishing style we prefer.

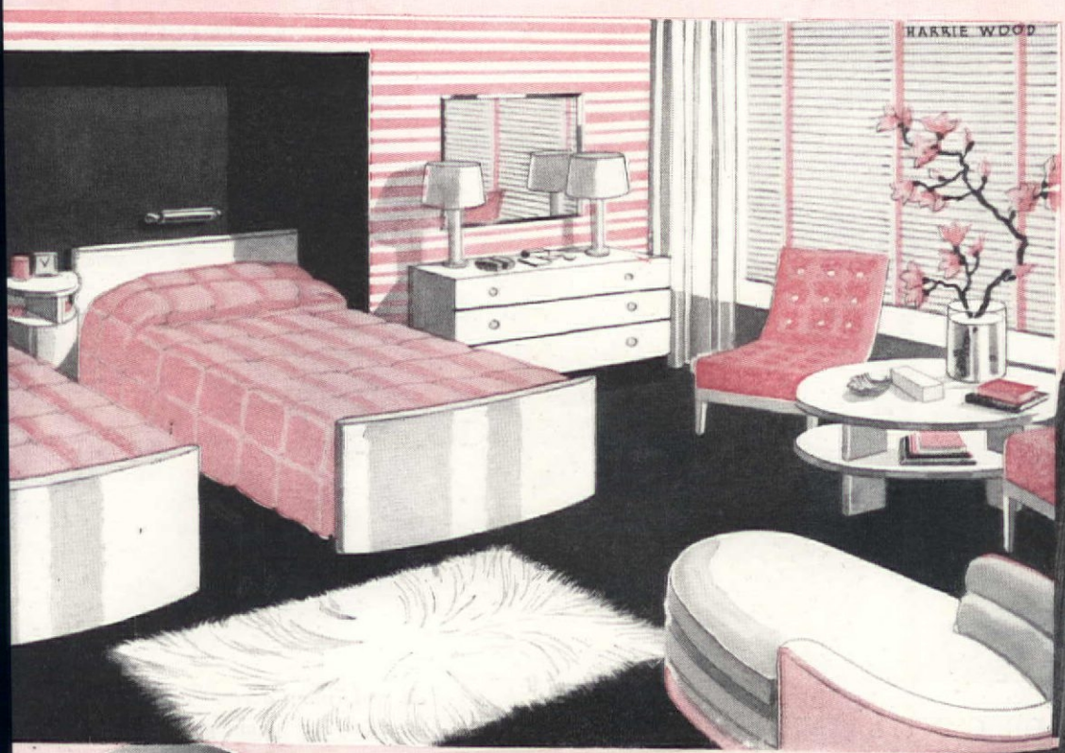
A great many of us are fond of 18th century English furniture, in mahogany, with a commingling of Chippendale, Sheraton, and Hepplewhite. No longer do we want completely matched furnishings—it seems far more inter-



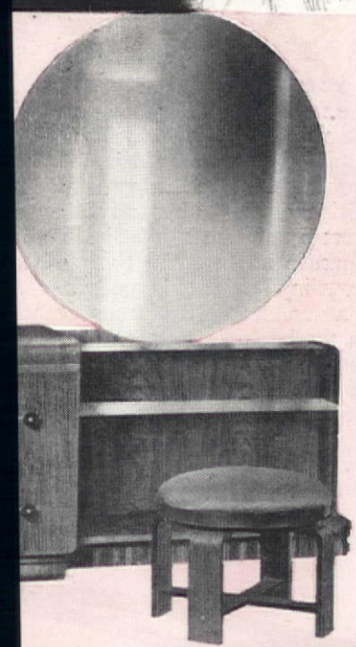


Detailed description of furniture given at end of article

MODERN — *Blonde finishes effective against dark backgrounds*



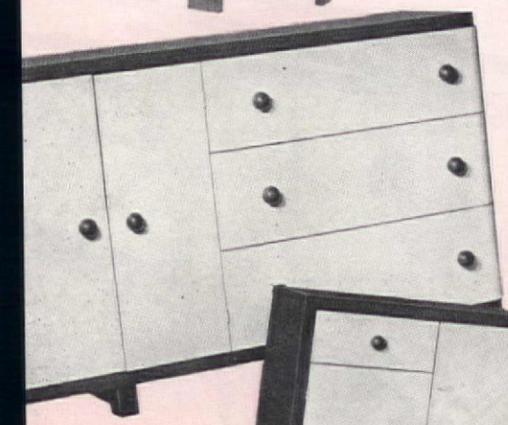
DRAWINGS
BY
HARRIE WOOD

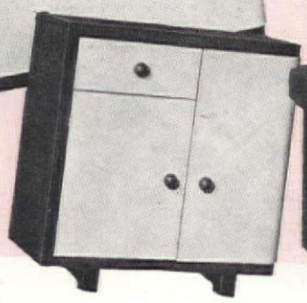


esting to combine slightly different pieces that harmonize, one with the other. The sketch on our first page shows an 18th century living room, the kind of room in which all the furniture illustrated would be very much at home. Living rooms, dining rooms, bedrooms of this general type will welcome the addition of any of the furniture shown.

There are still more Colonial houses in the country than any other kind, and so it is natural enough that many of us turn to the maple and pine furniture of a sort favored long ago when the original Colonies were young. Most of us are thoroughly familiar with this Early American furniture for rooms something like the dining room which is our second sketch, but perhaps all of us do not realize how many new pieces are now available to serve us in our present-day modes of living: bookcases designed just to fit under the windows in our new houses, coffee tables which our ancestors never heard of, comfortable chairs and sofas adapted from original models. In addition to this, it is important to realize that one can now find in the stores newly made maple furniture with lovely, soft, old-looking finishes very much like old pieces themselves. This is particularly important to note if you have some old things and plan augmenting them with new, for now it is possible for them to harmonize

[*Please turn to page 58*]

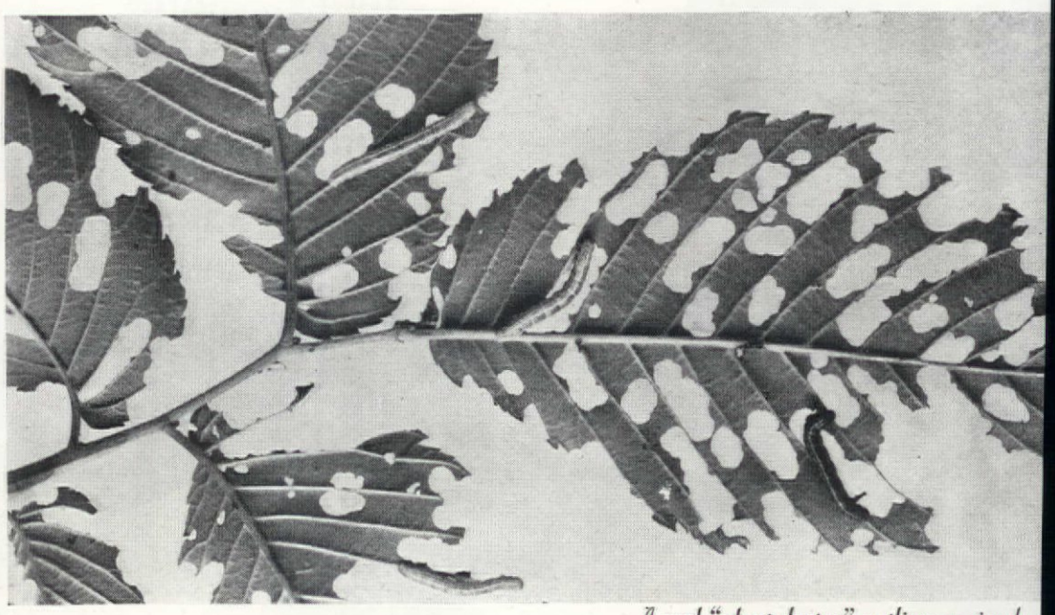




l description
niture given
of article

One hour a week enough

1.



2. Canker worm control. Tree-banding (1) catches adults. Otherwise from eggs come inch-worms (2) requiring spring spraying

3. Deformed, dwarf-tulip which is caused by botrytis blight

A real "plant doctor" outlines a simple p for keeping your garden healthy an

DR. CYNTHIA WESTCOTT

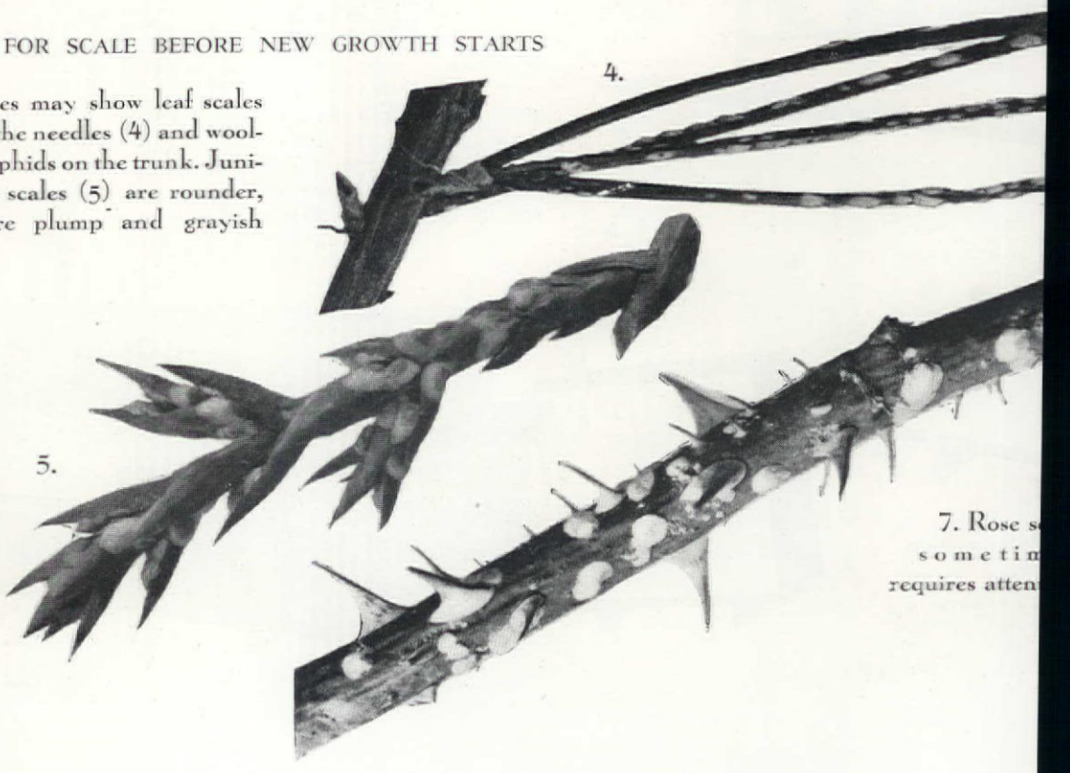
ENOUGH for what? Enough to keep your gardens healthy—that is, in a reasonable state of health. And what *is* a "reasonable state of health?" Well, it does *not* mean that you will absolutely exclude every one of several hundred species of insects and fungi which *might* be attracted to your roses. It *does* mean that a control program (given at end of article) will, with a minimum of effort, keep at bay the most common and destructive insects, and prevent the most serious of the diseases to be found in almost every garden; that a sanitation campaign, zealously carried out, spring and fall, will keep chance visitors from settling down on you for good. It means that when you show off your garden you will have no need to apologize for rose leaves crisped by the rose slug or lost entirely owing to the ravages of the black spot fungus; nor for ugly dead branches on the evergreens; nor a soft and smelly rot of iris that follows after the dreaded borer. In short, you will have a garden to be proud of; and if, by the end of the summer season, some unimportant, harmless spots show up on a few annuals or perennials, don't let them worry you.

This "hour a week" I am talking about—extending f middle of March to the middle of November—is, natu average allowance. You will have to spend more time i and fall than in scorching midsummer. It is also an between the demands of a small backyard garden and estate, although, surprisingly enough, the time and effor do *not* increase in direct proportion to the size of the Unless the backyard garden has not had time to acc troubles of age, the crowding of plants in an endeavor as much as possible in a small area often means a conce of pests not found on the large estate where the bro spaces of the estate retard the spread of disease germs

Don't be offended if I picture your garden as "avera You like to work in it yourself and are able to get al the help of a gardener working by the day as you n You turned all worries about your shade trees ove nearest reputable tree expert, who sprays at the prop for canker worms (1 and 2) and the elm leaf beetle for borers and wilt diseases, and prunes out dead o

SPRAY FOR SCALE BEFORE NEW GROWTH STARTS

Pines may show leaf scales on the needles (4) and woolly aphids on the trunk. Juniper scales (5) are rounder, more plump and grayish



4.

5.

7. Rose s sometim requires atten

6. A lilac twig infested with the familiar oyster-shell scale

8.

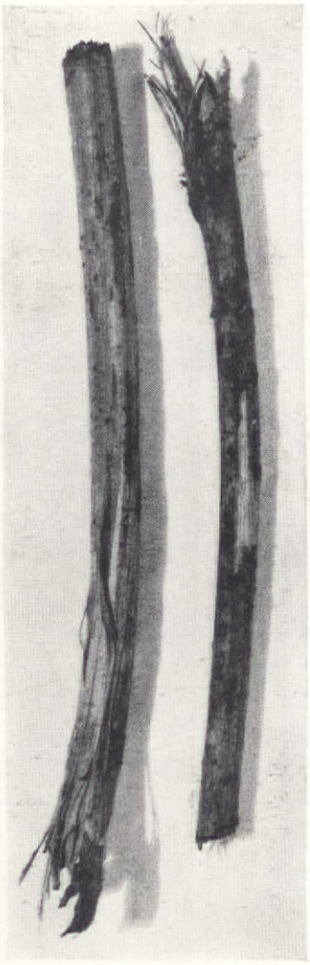
9.

10.

W APHIDS INJURE CONIFERS

Norway spruce they cause small, innocent-looking galls (8) which later grow se (9). If neglected, branches (10) and even whole trees may succumb

NEGLECTED PEONY STEMS



11.

Cut stems to the ground in fall in order to destroy the botrytis blight

s when necessary. And that shows that you have ned that your large trees form a very definite of the value of your property and that their ntenance is as important an item in the home get as taxes or insurance or house-painting.

ut you *are* upset about your small evergreens— look peaked. And your roses have been so tisfactory for the last season or two that you about decided to dig them up. The perennial er left much to be desired last summer; some e plants were yellow, some were covered with ite mold, and others just toppled over and died. ou called in the Plant Doctor for a consultation, here I am on a late March day, ready to make ur of inspection, and to do some diagnosing and cribing . . .

ST, let's look at the lilacs. They practically always have scale—see those gray oyster-shaped stations covering the old stems (4)? We'll cut wigs and branches that are badly infected, right That little bit of pruning won't hurt even if it ne before flowering time; in fact, wood as nearly as that wouldn't bear any blossoms, anyway. , tomorrow, have your gardener give all these es a dormant spray. Get it done very soon, gh, for the buds are swelling and the term mant (sleeping) spray" means that it can be y used only before tender new growth appears. t your seed store for a reliable *miscible oil spray;* dilute it according to the manufacturer's directions—probably one part oil to fifteen of water—and apply only on a bright sunny day, when the temperature is above 45 degrees F.

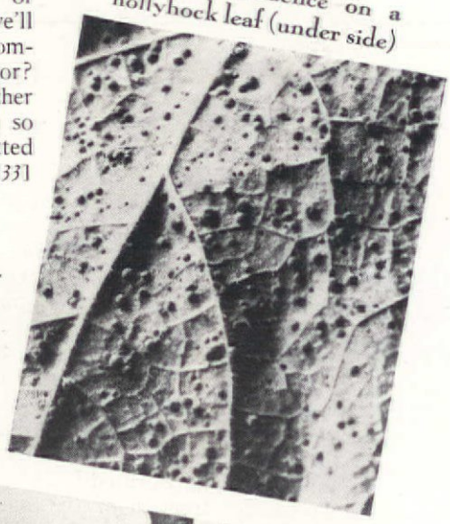
This sawdust piling up at the entrance of holes in the old lilac trunks means that borers are at work within. They will be suffocated by this nicotine paste that I am squeezing up into the holes; but you should buy a tube to keep on hand. When you go to purchase it, ask for Bor-tox or Borerkil.

It's well to inspect your rhododendrons, too, for borers, every so often; prompt action may prevent a lot of trouble. Those yellow leaves indicate injury by lacebugs, although sometimes they are a sign of the alkaline soil that rhododendrons dislike. The lacebug babies will not be hatching until the end of May, so I can wait until later to discuss them.

Some of the laurel leaves show brown spots, especially those under the tree drip, but I wouldn't call the infection bad enough to warrant plastering all that lovely green foliage with a blue coat of bordeaux mixture in May and June. Instead, we'll just remove these few spotted leaves—and accomplish the same end . . . Queer advice from a doctor? Well, I do hate to prescribe medicine when other means will work. Of course, were the infection so serious that you could not remove all the spotted

[*Please turn to page 133*]

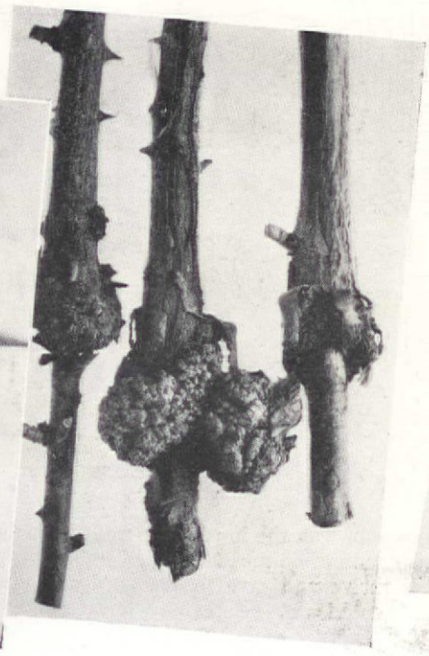
12. Rust evidence on a hollyhock leaf (under side)



Cankers take various forms, as simple discolored areas (13) or galls (14). From them sometimes spring spore-bearing horns (15)

5.

14.



13.

"Flower shelves" for a very small lot

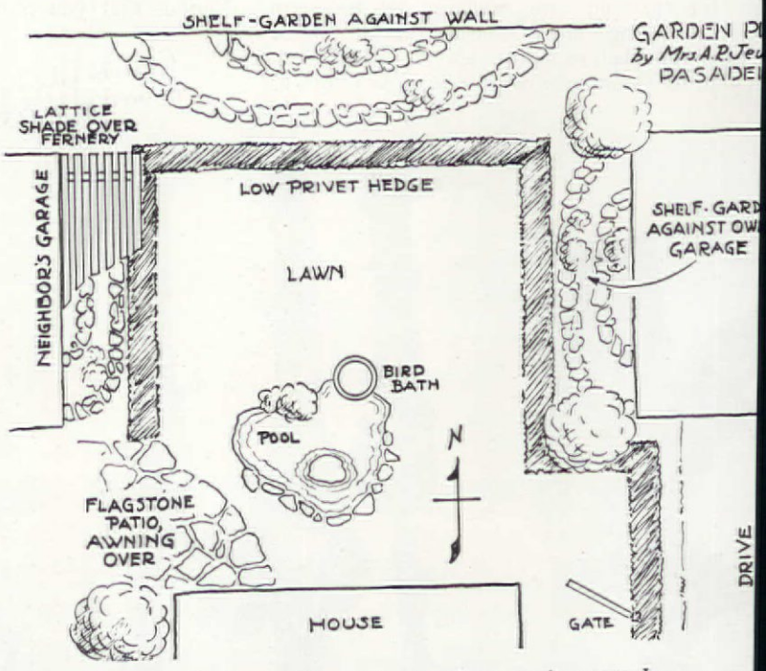
How elevated beds in one little garden conserve space and help hide rather unsightly walls. . . HI SIBLEY

WHERE space is at a premium on a small city lot—or in a limited garden area anywhere, for that matter—a fine display of flowers can be achieved by building the beds in walled terraces around the borders of the plot, much after the manner in which goods are displayed in a well-arranged show window of a modern shop.

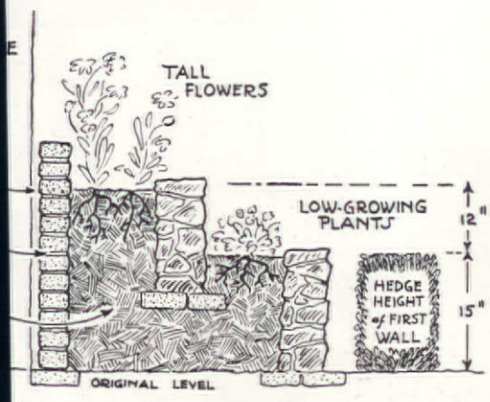
The photographs and plans on these two pages are of a garden laid out along those lines by Mrs. A. R. Jewell of Pasadena, California, with unusually attractive results, in addition to the leaving of a relatively large expanse of lawn in the center. The general arrangement of the garden with its three enclosing elevated beds is shown in the plan at the right; the construction of the walls is brought out in the sectional drawing at the top of the facing page. In this case stone was used, but brick could be used in the same way. The planting spaces should be filled with a soil rich in humus and reinforced with a fair amount of fertilizer. If it inclines to heaviness, a layer of rubble or other coarse material, overlain with some kind of litter to prevent the soil sifting through, will provide adequate drainage.

If desired, a privet hedge can be planted in front of the bed and kept trimmed just to the height of the front wall in order to conceal it; the flowers growing in the bed will hide the second wall where two elevations are employed. Whenever such terraces are built against a solid wall, such as that of a house or garage, it is well to erect an additional wall at the back of bed leaving an inch or so of air space between.

The shady side of the garden can be reserved for a fernery, as was done in Mrs. Jewell's case, and a lattice erected above it as shown in the lowest illustration on the opposite page. In such a situation mosses and a variety of shade-loving subjects will thrive and give to the garden a much greater variety that could not be realized in a space open to full sun.



This drawing shows the simple construction of two elevated beds at different levels designed to break the monotony of a blank garage wall



SECTION through SHELF-GARDEN

A simple paling fence can be given variety and originality if a hedge-enclosed series of elevated beds is built against it as shown in the upper two pictures, the first taken when it was completed, the second when growth was under way. At the bottom, a similar "flower shelf" against the north wall of a shed has been given added attraction and protection by a trellis

A PLANTING-FOR-PROFIT PROBLEM

EW JERSEY reader appeals to us for advice how to use some spare ground to advan- ne has a 50 by 50 foot plot with no shade, 50 by 200 foot field in which are sixteen rees. She asks, "Would young spruce and plants be suitable in both places, and here be a reasonable profit from them? can plant them for me, but I must care plants after they are set out. The initial must be as low as possible. If you advise conifers, kindly specify varieties free d spider."

* * * *

e cruelly frank—only to be kind—our to give up at once the idea of growing hemlocks, or any kind of plant that is abundantly available from commercial such as expert nurserymen and growers be expected to turn out better stock e beginner, and at lower cost. In other here is usually, if not always, such a of ordinary, easy to produce plant s that the resulting competition makes practically impossible for anyone but expert grower and salesman.

ole hope for the small scale grower— or commercial—lies rather in (1) pro- omething unusual, exceptionally rare or ss; (2) creating or discovering (and dvantage of) an unsatisfied demand for duct; and (3) to that end, developing nal and especially effective method of ng and selling it to the public.

correspondent's case, this would mean, lining out of inexpensive conifer seed- cidentally, there are no "free from red arieties, although most kinds can, with be protected against the pest) or nmon stocks, but rather these important irst, a study of the soil, climate and tural conditions that determine the y of the location for one crop or an- cond, a study of the probable or pos- ket—preferably a local, high class, dis- ng clientele to be reached directly, not a wholesale market or middleman; selection of something "different" that peal to that clientele and over which

[Please turn to page 120]

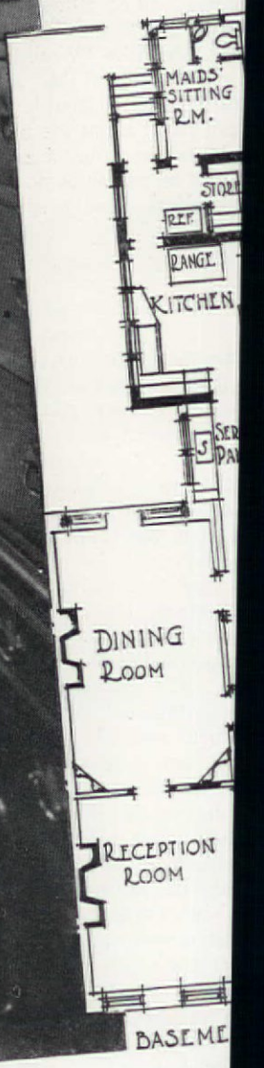
Interior remodeling on Beacon Hill

GWENDOLINE KEENE

If you asked people who live in city houses what a city house needs most they would probably answer in chorus, "Sunlight." Many of them wish for it and let it go with wishing, but Mrs. Bernard J. Rothwell of Boston wished for sunlight and got it. The Rothwells' house is a hundred and twenty-five years or so old, on Boston's famous Beacon Hill and though, like all "The Hill," it retains the charm of the Bullfinch era, it also had that era's square rooms and dark interiors. Ceilings had not yet attained the height of later periods, and the windows had become inadequate. Even Boston, with its many restrictions against tall buildings, has a way of growing up around small houses.

Perhaps one secret of the successful transformation of this house is that it was done by an architectural firm which specializes in remodeling

The dining room
the second floor
room. Other
plans are show
the end of the ar



HOWE, MANNING & ALMY, ARCH

Charles Darling

ew England houses of this period—Howe, anning and Almy; all of whom, incidentally, women. They have produced a house with large room, and many which seem large; d, more important still, they have achieved total of sixty-three windows, all of which ve sunlight at some time during the day. The house brimmed with possibilities, and feature which was most fully exploited was fact that it faces due east and has a long, row rear ell facing south. Winter sun there-e enters by both front and rear windows the house proper and the ell, always flooded h light, reflects it back into the inner rooms. e Rothwells do not use the house in summer, if they did, they would find it correspond-ly cool, because, with the sun higher then, re would be enough light for cheerfulness not enough for glare.

uilt at the end of the Bullfinch period, as Colonial character was developing into the ek revival, the house is made of small, rosy bricks. Like most of the rest of The Hill, as a semi-basement floor and three full rs above that, with a small attic story ed to the roof. There were two rooms on floor, and long narrow halls, and a grace-stairway on the north side of the house. ell was originally two stories but another has since been added.

he basement floor contained the kitchen; first floor had the parlor and dining room; above that were bedrooms. The house is

On the first floor, two rooms were thrown together to make one long living room, having twin fireplaces on one wall. Screens of real ivy are used effectively at the windows. Above is a view of the fireplace end of the spacious library in the ell

A sunny spot with its ivy-screened windows is the writing alcove in the library, above. The kitchen and pantry are provided with ample storage space. Top, right: View of basement reception room

only nineteen feet wide and seventy-two feet long, including the ell, rather awkward in size.

The furnace, for a hot water heating system, was moved from the front basement into a sub-basement, and then, as the first major architectural change, the living quarters of the house took possession of the basement. To make this change, the entrance hall was lowered. Everywhere on The Hill front doors stand five or six steps up from the sidewalk, set back in arched recesses graphically known as "caves," but this house you enter directly from the sidewalk. You step into a tiny hall; on the right, four-steps-up invite you to the first floor, but on the left a few-steps-down lure you with equal attraction to the basement part of this unusual house.

Light and spaciousness begin at once. The front room in the basement is a small-scale reception room, its silver tea-chest paper walls reflecting sun or artificial light and its doors to hall and dining room paneled not with glass but with mirrors. Windows in the front room had to remain high and small, but the dining room, formerly the kitchen, has practically its whole back wall made of glass, for a glass door as well as windows open on the brick-paved courtyard, filled from December till spring with tall green spruces. The yard lies a few steps down from the ing room door, for the lot slopes away sharply at rear. Ivory paneled walls—much of the paneling m from old doors—add to the effect of light, and corner cupboards, one old and one a copy, hold br china. The ell, once part of the storage space, now cludes butler's pantry, kitchen—which boasts b chimney and blue trim, and a small sitting room the maids. The south wall of the ell was built as a long bay window, adding four feet to the w of kitchen and back entry.

On the first floor, demolition of a wall has thr the two main rooms into one long living room. Ag the south wall stand twin fireplaces made of yel veined black marble and probably dating from ar

[*Please turn to pag*

e it so RESOLVED —

y Studio

—that in 1937 gardens, there shall be set aside real outdoor living room areas . . . like that in the Goodloe garden, pictured here when first completed before the permanent furniture had been installed

M. GOODLOE

LE the "face lifting" of the rear yard continues to be a pular pastime, there are many people who, in their zeal to e winning posies in the garden, have overlooked the fact that should be not only a flower bower, but also a room in which tdoors. For to enjoy one's garden thoroughly one should live simply work in it, look at it, and pass through it.

authorities are accustomed to speak of the transformed back s entirety as an "outdoor living room," but, personally, I prenk of an outdoor living room not so much as the full develop- he whole rear yard, but rather as a secluded spot created in where one may stop to rest and reflect on his labors—a place friends may gather with us and enjoy the peace and serenity id such surroundings.

te such a spot was our desire when we moved into our little began the landscaping of the rear yard. As we were the sessors of many large, colored flagstones which had been sen the home of a pre-war Negro mammy, we had a definite e type we wished our room to be—namely, a flagstone court.

live oak growing on the boundary of the lot made the sea site easy, for I can never think of an outdoor room withng of restful shade, and the spreading branches of this tree deal shelter. Then, by observing this spot at certain hours of found that for an hour or more in the afternoon the western few rays on it. Good! Flowers loving indirect sunlight would thrive here. Another advantage of this location is that it is accessible; a straight vista from the front garden invites guests to enter. With the location chosen, the general scheme in mind, and a large pile of flagstones on hand, two determined individuals with the aid of a young darkey with a strong back and a weak mind began the actual construction of the court. Many hours were spent placing the stones but after moving them here and there, they were finally arranged to our liking. Not only do the flagstones lend color and beauty but they also provide a firmer footing for the tables and chairs that were later placed here. So much for the flooring of our room.

An essential factor in any room are the walls, and none made by man could vie with those supplied us by nature—walls of soft hued foliage of plants and shrubs. An informal hedge of waxy leaved ligustrums made an ideal south boundary for our room and at the same time served as an excellent screen to shut out the passer-by, giving us an air of privacy. To complete this wall we planted native ferns in the foreground, where their soft green coloring in striking contrast to the deep green of the shrubs is most pleasing and restful to the eye.

We preferred the north wall of our room to be more in the nature of a low barrier than a screen, for we had no desire to shut off the view in that direction—a view of our rear flower garden. One of the joys of living out of doors is that you are able to live among the flowers. A rounding bed of azaleas adds charm along this side—at one season of the year staging a riot of color and at other seasons offering a soft green background for a hedge of rosy red begonias which borders the court—a beautiful picture throughout the year.

The rear or east wall of the room is a rock garden made of native brown sandstone. On a hot midsummer day this rock garden, with its variety of lovely growing plants—sedums, maidenhair fern, ivy,

[*Please turn to page 92*]

Don't make these mistakes in planting

EUGENIA WALLACE

Here the mistake of too many trees and too much shade on the lawn was avoided. Excellent advice is—use long-lived species and trim them high

The poplar and the girl (right) are about the same age—but she will probably outlive it

OF the many changes the automobile has brought into American life, the most welcome, perhaps, is the fact that thousands of people are now getting into the suburbs or the real country and creating homes of their own. They make mistakes, of course, but thanks to the excellent house plans now available, and the fact that they are studied well in advance, mistakes in building are cut to a minimum.

The hydrangea in the upper picture, formerly crowded amid other shrubs, now measures 39 feet around! Below, poor selection: The vines on the trellis and the tender shrub look well now—but think of how bare this corner will look after frost finally sets in

But the planting! City-bred folk rarely know the first thing that; yet when they move into their new homes and look ab the weedy grounds, cut up by builders' trucks and bare of beau impulse to plant something—and to plant at once—is too str be resisted. Occasionally such planting turns out remarkably more often it does not and mistakes result that must be cor Corrected, that is, if there is still money—and time—enough. they must be endured as patiently as possible.

I have in mind one peaceful countryside that was suddenly i by a literary and professional group who had everything to learn planting. If I group their mistakes together and attribute them a single hypothetical owner named Jones, it will be easier to see the trouble lay. They are all agreed that if they could start ove they would hold off on planting until these three questions ha answered after being given serious thought:

1—What do you want, sunshine or flickering shade, and whe *how large* a lawn and garden; and what hedges and borders?

2—How much money can you spend for laying out and p your grounds; and how much time can you give to upkeep?

3—What do you know about the natural conditions of yo place—the soil and its fertility, its moisture and dryness, etc?

One more thing unanimously agreed upon was that a blan should be secured, the very day the land was bought, and on page an outline map of the grounds drawn to scale, with a c description and measurements written below. Later on, as info

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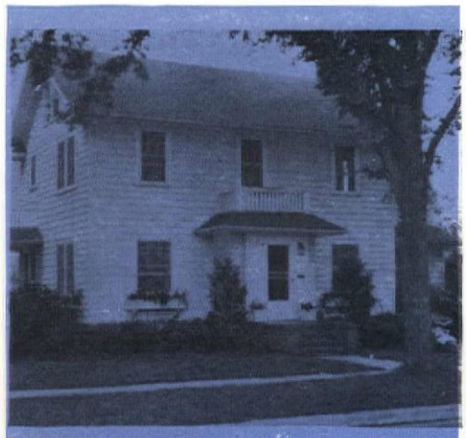
Have you a PAINT MAINTENANCE program?

FREDERICK L. BROWNE



A successful maintenance program based on applying one coat of paint of fairly hard type every four years. This house was erected in 1923, repainted in 1927, 1931, and 1935. Photographs taken in 1935, just before the last repainting

SUMING that a frame house remains serviceable for fifty years before obsoles- e leads to its replacement, a good pro- n of paint maintenance for the exterior ists of one initial paint job when the e is erected and ten or twelve subsequent int jobs at suitable intervals. If the pro- n is successful, the coating of paint re- ns substantially intact and of good ap- ance throughout the life of the house. een paint jobs the coating wears appre- y thinner by chalking and erosion but es not break up and fall off in patches. new repaint job is applied over what is f the previous jobs without at any time g the expense and trouble of removing the old coating down to the bare wood. h a program of maintenance is thorough- sonable and has been achieved success- by many property owners. With enough luck it may be realized without any l planning on the owner's part but like the weather, is notoriously fickle ikely to prove adverse at embarrassing nts. The property owner who feels that n dispense with a well-planned program y by hiring a painter whenever he hap- to notice that the dear old place could another coat runs a grave risk of an sive disappointment. Those careless s against whom lady luck has turned estify that a badly maintained paint g soon turns into a heartless gold who makes you pay and pay!

e paint maintenance involves separate t intervals over a long period of years, nall property owner is rarely able to nyone to take care of it for him. He can ngle paint jobs but not a maintenance m. Unacquainted with paint though he e, the maintenance program is a re- bility that he cannot escape. As a rule, wner determines when each painting e done; he selects the painter; he often the paint; and he may set limitations that profoundly affect the technique of g. The owner should also be able to ch painter an accurate history of pre- paint jobs. Under these circumstances ty owners need considerable technical dge about paint.

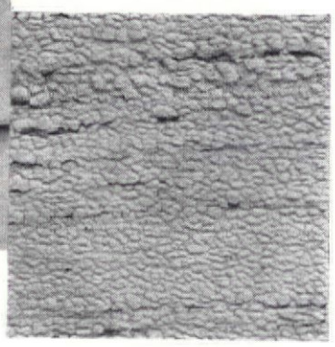
property owner's responsibility for his m of maintenance is not properly em- d in the literature on painting that is nly brought to his attention. Paint ition is such a fascinatingly complex and there has been so much bitter ersy about the rival merits of different gredients and different paint formulas e importance of the owner's program ntenance has usually been forgotten. equence, the layman commonly be- at the secret of successful paint main- lies almost wholly in choosing good ood paints are presumed to give good if properly applied, regardless of the nd age of the paints used previously. versely unsatisfactory paint service is s proof that the paint last used was ne. As a matter of fact, a paint can- perly be judged good or bad apart e maintenance program in which it used. It should never be forgotten repainting, the composition and properties of the renewed coating are not determined solely by the composition of the new paint because the new paint is merely added to what remains of the paints used previously.

In such a planned program the frequency of repainting, the type of paint to be used, and the number of coats to be put on at a time are determined in advance, before the house is erected if practicable. Such planning offers the immediate advantage of a sound basis for budgeting the approximate costs among the expenses of upkeep and, of more importance, it makes it possible to guide the maintenance along lines established by past experience. Above all, a wisely planned program should keep the owner from unwilling experimentation with untried paints and dubious painting procedures with the unexpected expenses to which they may subject him if the job turns out to be a disappointing one.

Planned programs of maintenance may be classified according to the frequency at which repainting will be done: (1) programs in which more than four or five years may elapse between painting, (2) programs in which repainting can be assured at four- or five-year intervals, and (3) programs in which repainting may be done at intervals shorter than four years. The size of the owner's income and the painting habits of his neighbors, of course, may have much to do with his decision about this part of his program. In making the decision, it is wise to remember that the lifetime of a frame house usually spans one or two serious periods of financial depression during which paint continues to deteriorate with complete indifference to the state of the owner's bank account. Paint is no respecter of persons.

The interval of four or five years is taken as the line of division between maintenance programs because it marks approximately the maximum period during which good coatings of white or light-colored paints can be expected to remain substantially intact on the fully exposed parts of a house, assuming that a consistent program is followed and that no moisture collects behind the painted wood-

Photographs by the author



A successful maintenance program in which paint of soft type is used with long intervals between paintings. This house, which is next door to the one shown above, was erected in 1923, repainted in 1931, and has not been painted since. The photograph was taken in 1936 and shows excellent condition of house

work. Within this period, which may be called the period of durability, inconspicuous fissures, known technically as checking, may appear in the coating; chalking and erosion should wear away a substantial portion of the coating, but the coating should not crack conspicuously or break up and become detached at places, revealing bare wood beneath. In such case, something is wrong.

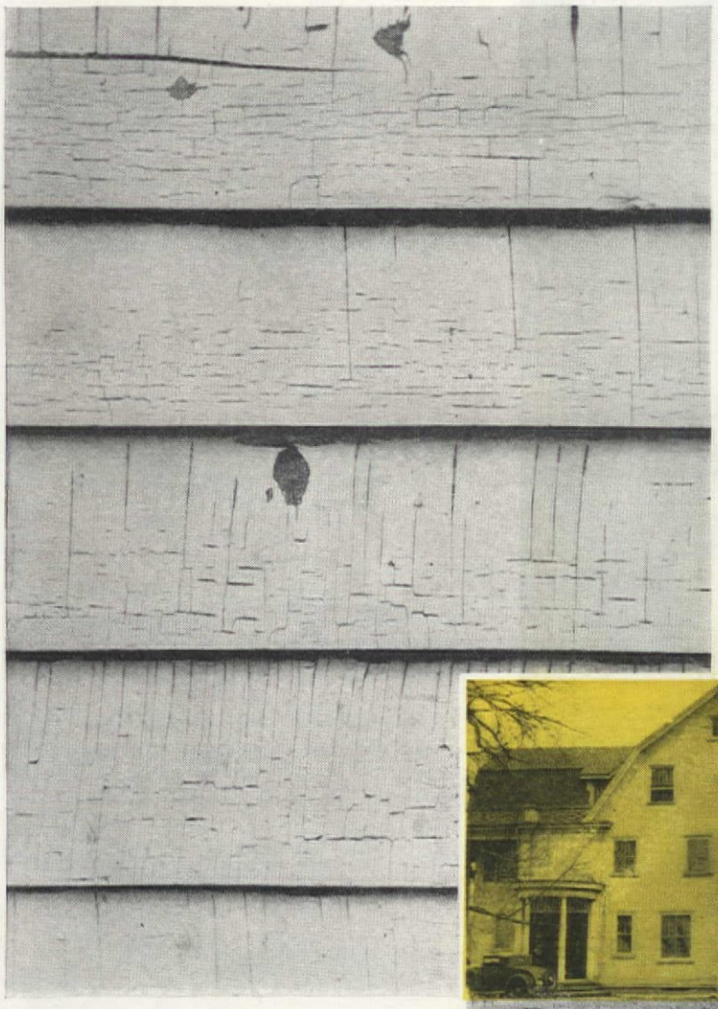
Strong sunshine is usually a major factor in deterioration of paint, hence those parts of the house, frequently the south side, that receive most direct sunshine determine the durability of paint jobs. The durability of white paint may be somewhat longer than four to five years on heavily shaded houses and somewhat shorter in climates that combine much strong sunshine with prolonged periods of either extremely high or extremely low humidity. The nature of the wood painted likewise has a bearing on durability. The cedars, redwood, cypress, and true white pines in the select grades practically free from knots can be expected to hold good paint coatings intact for four to five years under normal conditions. Edge-grain boards of slowly grown and fairly light weight in ponderosa pine, the spruces, and the hemlocks hold paint intact nearly as long, but the flat-grain boards of rapid growth or of high density lead to earlier break-up of paint coatings. The strong, heavy softwoods such as Douglas fir and southern yellow pine ordinarily cannot be relied upon to hold white paints intact beyond three or f years, but by priming them with exte aluminum priming paint before the first of white paint is applied, the durability the coating can be raised more r to that on the woods of lighter w

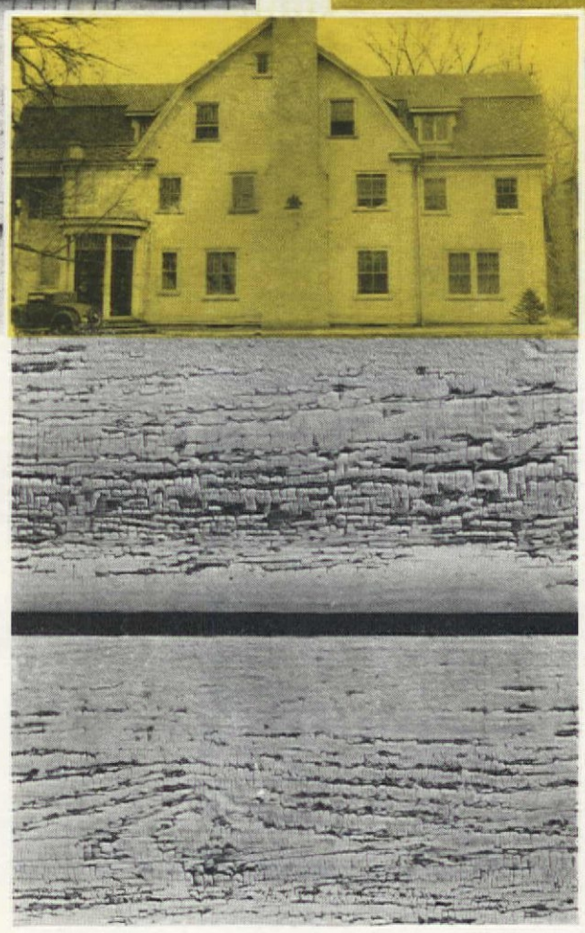
For programs in which more than or five years may elapse between ings, colored paints of great dura are particularly suitable. Of the durable paints the reds, browns, an lows made with iron oxide pigmen probably the most commonly used good iron oxide paint the major p the pigment should be iron oxide fortunately many red barn paints degenerated into cheap paints cont very little iron oxide. Other very d paints are those in which a major p the pigment is chrome yellow, c green, chromium oxide, lampbla carbon black. Aluminum paint, a in two or three coats, is very d The very durable paints are limi the deep colors or are metallic pearance and are therefore unsuita the major surfaces of many reside

When white or light colored pai used in programs with long in between paintings, each paint jo

[Please turn to pa

An unsuccessful maintenance program in which repainting was done often enough but radical changes were made in the type of paint used. During the first 15 years after erection, this house was kept painted with iron oxide paints containing neither lead nor zinc pigments. Then a small fire made it necessary to rebuild the east side with new siding, after which the whole house was painted with white paint of fairly hard type. The house was subsequently repainted twice with white paint. A few years after the last job, the coating on the north, south, and west sides was in the condition shown in the photograph at the left and should be removed before any further painting is done. On the east side, shown at right, the white paint jobs have served well





The two strips at the bottom represent an unsuccessful maintenance program in which paints of hard types were allowed to go too long between repaintings. This farm building of a Middle Western university is repainted with paints of fairly hard type whenever the state legislature provides fairly generous appropriations for maintenance. Repeated periods of long neglect have left a surface that cannot be repainted acceptably without complete removal of the old coating

Two vaudeville "troupers" make their dreams come true in this little Hollywood home

LYWOOD we have street artists just as New York has street singers. These ny eyed waifs roam the streets painting charming old garden gates, hillside or cross-sections of the motley throng on Hollywood's main thoroughfare, s the Boulevard of Broken Dreams. It was such a wanderer, sauntering up anyon, who stopped in front of a little house, ironically tucked in among re pretentious homes, and set up his easel to sketch a mite of a blue shuttered nestling beneath an old eucalyptus tree. The little house, set back into the side, had yellow flower pots at the windows, rose trees growing along the k, and a white picket fence. The artist called his picture "Home." Curiously t was a Jack Moss house—one barely laid aside as finished a month before. had tried very hard with this little house for he was to make a dream come ts owners. They were a story in themselves.

ood has its avenue of broken dreams but also it is a city which has afforded ation of fondest hopes for many others. They are the people of the theatre lived out of a trunk, in one city or another, in one room of either a first l or a shoddy boarding house—the people to whom the thought of a per- ome was impossible.

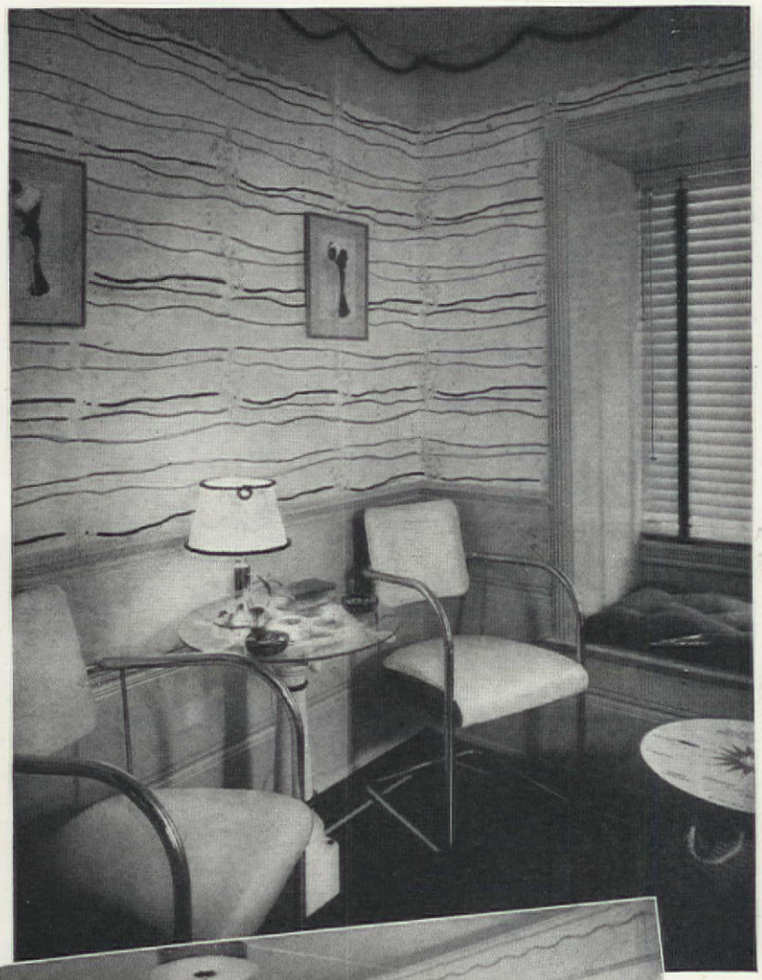
win Curtises, Mr. Moss' clients, had belonged to that floating army whose t is to bring warmth and friendly affection, or a hearty laugh to the crowds g the theatres for a brief respite from daily tribulations. For years on end played "four a day." When the curtain went down at night they went quietly mly lighted stage door and up the street to the corner drug store for a cup before turning in at their hotel.

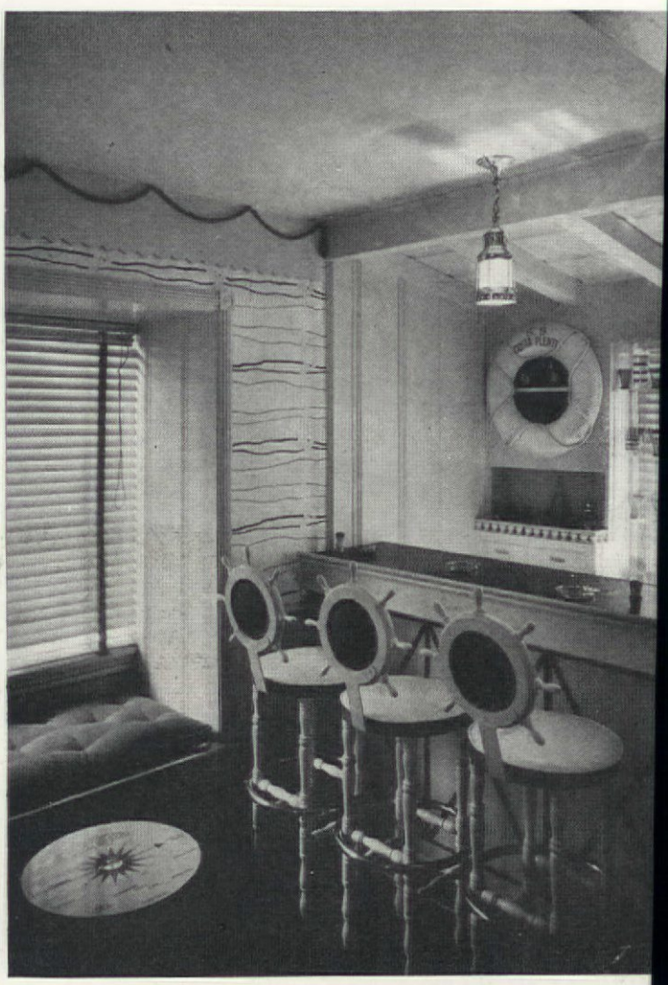
hey had talked of owning a home, but never seriously. Then once, while Philadelphia, they had gone for a drive through the suburbs. They passed use with a white picket fence and flowers outside the windows. They each ngingly at it. "Sometime I am going to buy you a house just like that,"

IA B.
SHIRE

F. R. Dapprich

lition of blue shut- pped win- holding wer pots, s framing brick and ce great- nce this l cottage contrast nal, above



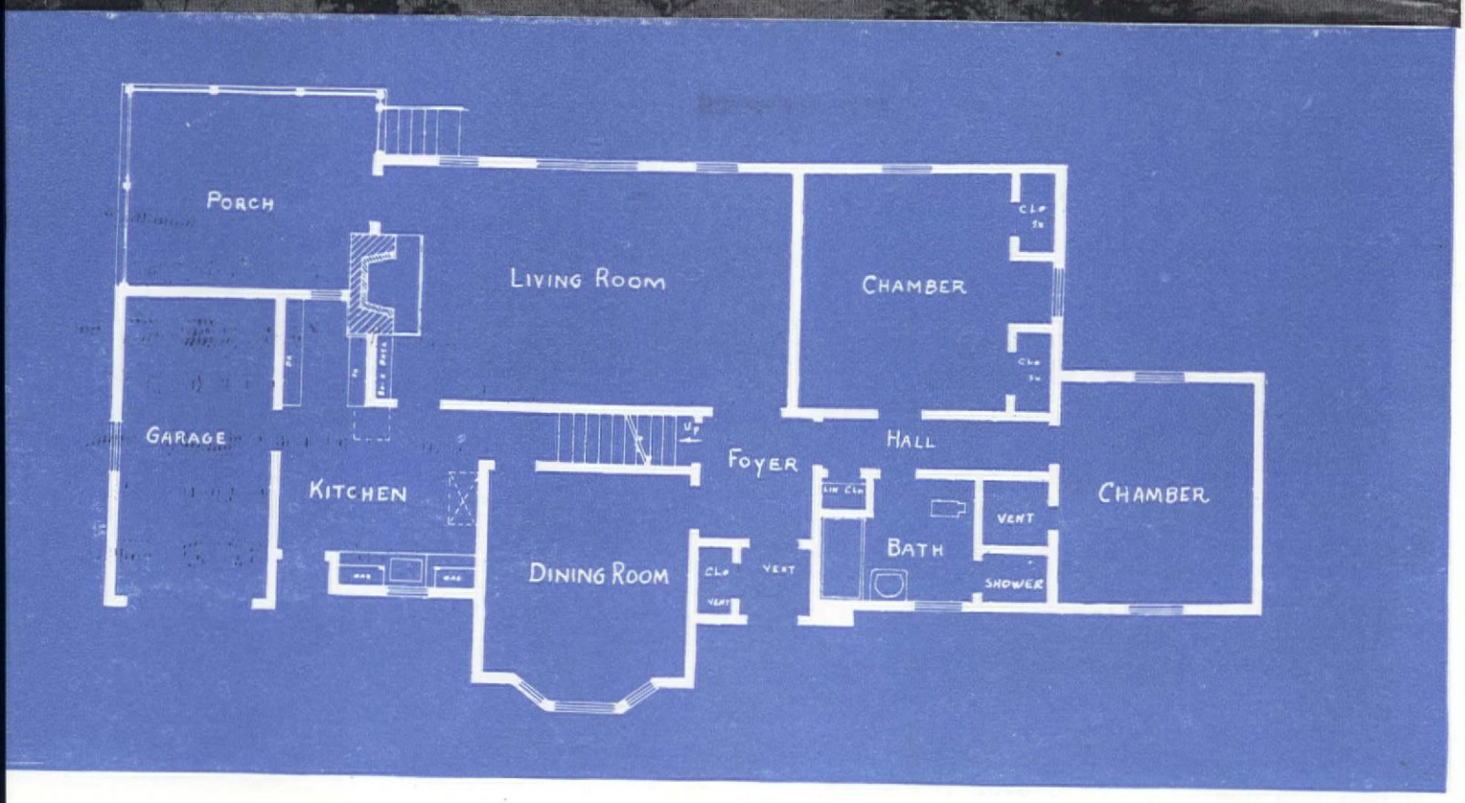


The theme of the game room is nautical—two views above.
decorated dining room, and before and after views of the liv
show the results of the truly remarkable transformation affe

Mr. Curtis remarked while his wife smiled her very enthusiastic
That was ten years ago. Then came the chance to come to H
It offered just what they wanted—an opportunity to carry on
only business they knew and at the same time, to be located per
They had friends who had been on the road most of their lives
made good in Hollywood and had homes of their own, dogs,
swimming pools to add to their pleasure.

From the train in Los Angeles the Curtises went to a hotel but
they could find a house. They would rent at first. A real estate
them late one afternoon to see a cottage not far up in Laurel C
they stopped in front of the house Mr. Curtis remarked, "I like
Somewhere back in the dim reaches of his mind there was an
house only it had a picket fence. The cottage (*Please turn to*

Also of Cape Cod Inspiration



The summer home of

Reverend J. C. Reilly

at Atlantic Highlands, N. J.

This home, at present used during the summer months, will eventually be used for all-year living. It is located on a shore plot 100 x 238 ft., the rear overlooking the bay—a picturesque sight at night with the twinkle of lights from lower New York, Staten Island, the Statue of Liberty, and passing ships. The walls of the dining room are finished with knotty pine paneling; the other rooms with Colonial pattern wallpaper. Hardwood floors, tiled bathroom, electric lights, and oil burner are features that make for comfort. Cubage: 3200 cu. ft. Cost: about $6,000

Our HODGEPODGE department

WAGON WHEELS in MAINE

Falmouth Foreside

About a year ago we bought a century old Cape Cod house which was built by a retired sea captain from Nantucket. The house is located on what years ago was the old stage coach road from Augusta to Bangor.

We have had a wonderful time restoring the house, and while a lot remains to be done, we are taking the liberty of sending you a picture of our barn and 100-foot picket fence and wagon wheel gate which quite a few people have admired. The strap hinges on the barn door are originals.

Mr. and Mrs. John E. Brown,
China Lake, Me.

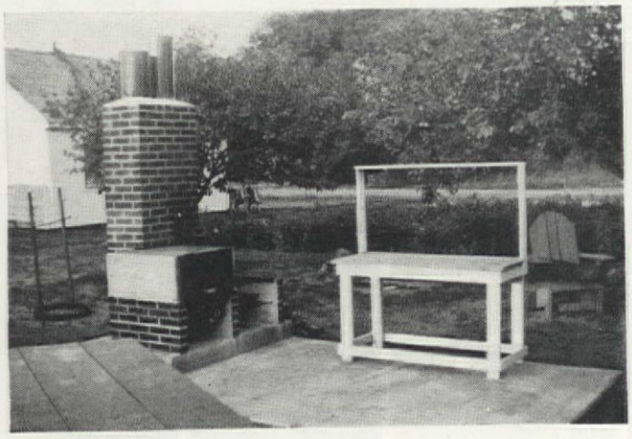
THANKS!

Mrs. John C. Stark of Rive head, L. I.; Mrs. Mildr Moerlius of Flushing, L. Ralph Bancroft of Brow Mills, N. J.; Paul C. Hillesta St. Paul, Minn.; Mrs. E. Hanson, Pierce, Nebr.; M Paul T. Smith, Chicago, I Mrs. Sara B. Eichenberg Chicago, Ill.—(sorry we cann give her perforated pages 10¢)—for telling us how w come we are every month.

Dear Sir,

I am enclosing a sna shot of our garden door which I copied from a pi ture appearing in the Ap 1936, American Home. I h this picture printed on greeting cards at Christ and they were very pretty

Henry, A. Dyer,
Portland, Me



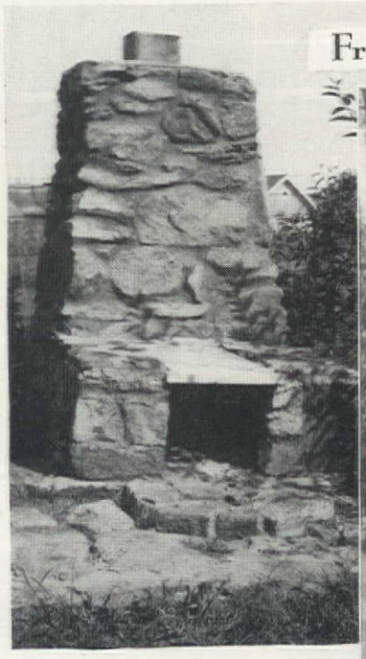
Gentlemen:

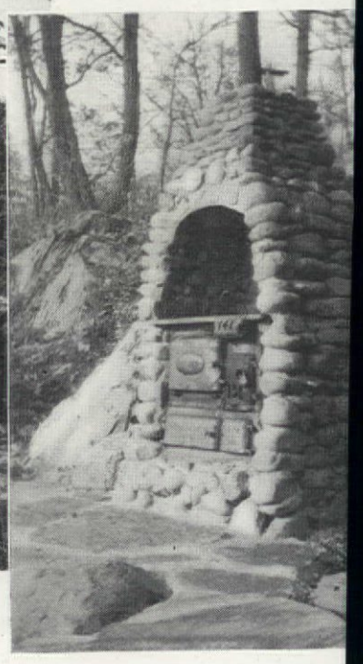
I am enclosing pictures of a fireplace I built last summer, following very closely the details given in your issue of American Home, June, 1935, with the exception of making a double chimney, so that I can use my griddle over the grill without using the oven side.

I have roasted a whole 25-lb. pig, also my Thanksgiving turkey, in this oven and with very good success. I enjoy the outdoor features of your magazine very much and hope you will publish more ideas of this kind.

E. A. Borden, Sioux Falls, S. D.

From kitchen stove to fire





I am enclosing a snapshot of my outdoor fireplace made from your plans. I used soapstone instead of a grill to cook on and made part of the hearth on a level with firebox so as to use a Dutch oven or trivet. Miss Isabella N. Burnet, Charlottesville, Virginia

If you can get an old kitchen c and there are plenty to be ha second hand dealer, then you easily build this unusual fireplace

I had always wanted an outdoo at my country home, I mean a Most every country place has son a makeshift outdoor fireplace of stones piled up with some sort

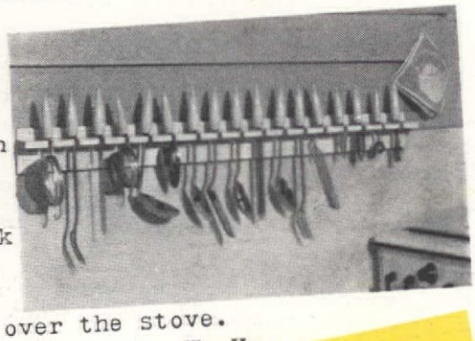
[Please turn to

Letters—sweet and sour :: trade gossip

UMP AT HOME

he pump house on the Litchfield, Connecticut, estate of Mr. nd Mrs. Alfred Graham Miles is a feature of the lovely rounds that surround their home. Seen from the driveway, hrough the dense foliage of trees and laurel, one receives the mpression of an attractive small home. And so it is, the home of he electric pump. The main part houses the pump and also serves s tool house; the arched porch is a fine place to store the fireplace ogs. This little house is 300 feet from the residence and thus the hythmic vibration of the pump when in action disturbs no one. The cost of this protective home for the pump was less than $400

ar Editor:
I am sending you snapshot of a rner of my kitchen n my apartment. his shows a splen- id convenience rack or utensils. My usband made this ack and the shelf over the stove.
Mrs. Paul Wallace, Fairmont, W. Va.



THE HAPPY MEATLOAF

MY WIFE is a good cook but there's one dish she does admit I can make, and that is my Meatloaf. Best of all, she likes it, too! This is how I make it:

1 lb. ground round steak
12 pieces of cold toast (left from breakfast)
1 egg (the size of a hen's)
1 onion (twice the size of a golf ball)
1 cup of milk
Salt and pepper

I take my mother's bap. She's Scotch, and her bap is simply a large wooden trencher, or bowl. Into it I put the toast, and pour over it the milk. Then I put in the meat. The onion could be an unhappy phase, but I have found a way to combat its tearful inducements: I open the kitchen door and stand in the draft. If the weather is very cold, I put on my overcoat and hat. Then with a clothes-peg on my nose (to the joy of our young son), I scrape the onion, with a scraper, on to the meat—all in the interest of flavor.

Now the unbeaten egg is added, also half a teaspoonful of salt, and as much pepper as can be shaken from the castor, which is never too much in our house, as the holes are generally stopped up!

After thoroughly purging my hands (seeing I have had a little weeding to do in the garden), into the bap I plunge, and squeeze and squeeze the mixture until every lump of cold toast has disappeared. Then into the square bread-tin, which my kind wife has

[Please turn to page 108]

After looking at several of the commercial stands and tables for an electric mixer, I decided that I could make one that would be more suitable to our needs.

After working out a general idea of what I wanted, I worked out a plan of getting the mixer out of the way when not in use and yet be able to have it instantly when wanted. This I accomplished by making a removable top with handles on each end. (These also serve to move it about the room). The base of the mixer is fastened to one side and can be turned up or down easily. When the motor is removed it fits into the compart-

[Please turn to page 108]

MICHIGAN MAN BUILDS CABINET FOR ELECTRIC MIXER

Minutes of the LAST MEETING OF THE CLAW AND FANG

THE last meeting of the club the following resolution was proposed and carried:
OLVED that a medal, duly inscribed, be ded to the department store which ran a paper advertisement for "Toughie" towels. enthusiastic discussion of the ad by the bers revealed that these towels are rough sur- and quick drying and have a particular ap- to the masculine members of the family. The as full of originality, but, more than that, s straightforward and honest in its appeal. rchid was handed to the lovely, soft, silky, ful towels that have glorified the common- bathroom and have transformed it into a of beauty, but all members agreed with d that it was high time men got a break— so three rousing hurrahs were given for ghie"—and the meeting was adjourned.

TO HELP YOU HOUSEKEEP

LISSA NORCROSS AND EMILY HERZOG

BREAKFAST time in most homes is such a variable hour that we think everybody will be glad to hear you can now make coffee for all members of the household at once, and serve each cup as fresh as though it were brewed a few minutes before you serve it. It's done in a new kind of electric drip coffee-pot that is absolutely automatic. You put in the water and coffee and all by itself the water vacuums up to a glass bowl, stirs itself, brews, and vacuums back to the lower bowl, where it is kept at drinking heat *indefinitely*. You can forget the pot all day and a thermostat will keep it just hot enough, but not so hot it will boil away. The bitter taste of long-standing coffee is entirely absent. The robot pot costs about $10; is made of chromium with neat walnut handles and knob.

IF YOU are making over the basement of your house, turning it into that most popular spot for summer entertainment—the recreation room—take a good look at the walls before you call in the plasterers. The April rains should not cause a sympathetic dampness in the cool depths of your house. Better apply the damp-proofing method we have found, before any real damage is done. It not only acts to prevent the penetration of dampness to the painted or papered surface of your wall, but it provides a bond between the walls and the plaster which goes over them. You can paint, spray, or trowel it on your walls, for it comes in three consistencies: liquid, semi-mastic, and plastic. Use it before trouble starts.

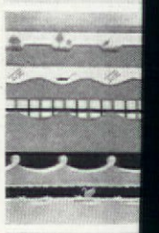
HARNESSING the sun to heat the water in your sea-shore bungalow is the latest trick of modern housekeeping. Utopian as it sounds, you can have hot water without paying any fuel bills, if your house has a roof which is exposed to the rays of a truly hot sun. For there is a hot-water heating system which operates on top of a house instead of down in the bottom. The water is piped to the roof, where yards and yards of pipe make undulating lines beneath a sheet of heavy plate glass. The sun's rays, intensified by the glass, warm the pipes, and the water inside them, by nature's own methods. You would be surprised how the water steams from the pipes! The system had its beginnings in the warmer climes, where its devotees usually install 100 gallon storage tanks to assure an extra reserve of hot water for use on cloudy days. In a properly insulated tank it stays hot enough for ordinary bathing and washing purposes for a long time.

A MOP will do a variety of things besides clean a floor—if it is the *right kind* of mop. This observation is the result of our introduction to a handy household helper called the broom-mop. Made of spongy rubber fastened into a metal holder and attached to a long pole, it can be used wet or dry to absorb dust, lint, ashes, hair, and many unnamed particles that defy most cleaning devices. As a wet mop, it goes into corners easily. Dry, it is used as a brush for upholstered furniture. When it is in its mop phase, it can be wrung out, clean, by merely pulling down two handles of the metal which squeeze the water out of the rubber. If you wish to have it as a brush again, there are regular refills that give you a new cleaning surface in a jiffy. The price is $1.60—a mere pittance for a servant capable of wiping down a painted wall surface or cleaning underneath a radiator—neither of which is a particularly easy job.

SHOPPING for a closet-pole is one of life's most tantalizing tasks. No matter how carefully you measure your space beforehand, when you attempt to fit it in you either scrape the sides of the closet with a pole that's a wee bit too long or it falls short of reaching both sides at once. Minor tragedies, both But we have found the cure-all for poles that won't fit. It is an adjustable pole made of metal, that pulls out or pushes in, like a telescope, to whatever size you need. It comes complete with end fixtures that can be fastened right into the sides of the closet, and the bar is solid enough to support the weight of your dresses, negligees, coats and suits, without bending or sagging even the slightest bit.

The shining aluminum fry pans, at the right, are most adaptable. Use them singly as individual skillets, or use them together (the smaller one inverted on top of the larger one) and you have a tightly fitting Dutch oven, or a top of range roaster. Aluminum Goods Manufacturing Co.

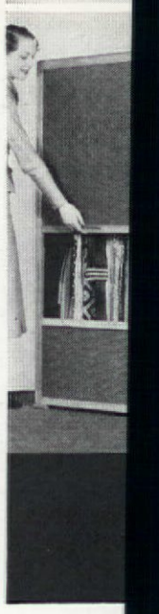
There's a new wallpaper remover that's very easy to apply, and does its work well. Simply dissolve in hot water, brush on the wall, and then peel it off. Will not harm hands, or painted surfaces. Savogran Co.



The modern looking shelf edgings opposite, have been designed for special places—the first three for the kitchen and the last two for the linen closet. Dritz-Traum Co.

To keep your hat, shoes, and other accessories fresh and clean on closet shelves, there are now transparent boxes made of light-weight plastic. You can tell contents at a glance. E. I. DuPont de Nemours & Co.

Remove the carving set, which comes packaged in a handsome box with a rich red top and a jet black base, and you have an ideal container for gloves, handkerchiefs, and miscellany. Remington Arms Co.



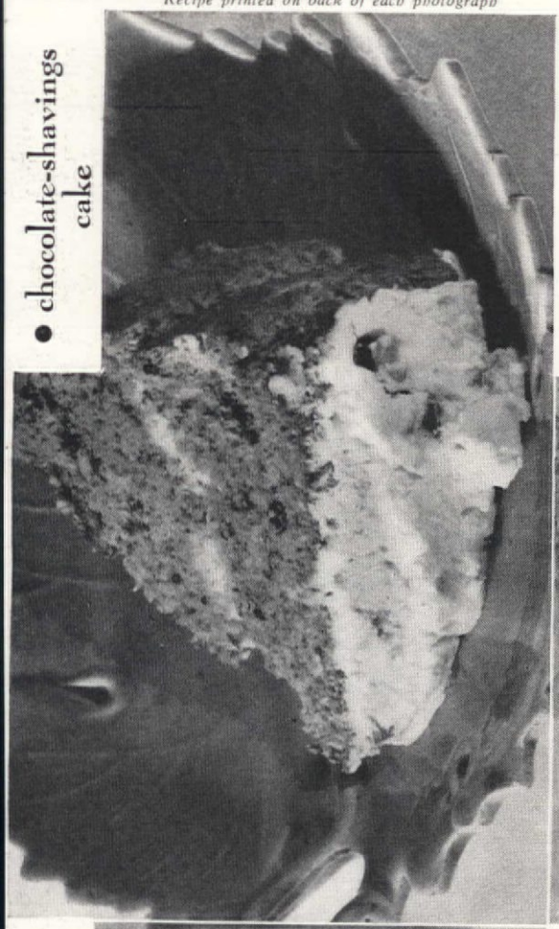
This closet, with its sturdy frame of tough California redwood, has an ingenious door which slides like a roll-top desk. The ideal answer to "what shall I do for extra storage space." Decorative Cabinet Corp.

WHEN you turn your heating system off for the season, why not get it in shape for the first breath of cold next fall? You may find leaks you never suspected were there. But cheer up! We have found a synthetic solder to seal the gaps in steam and hot water heating plants. It melts in hot water, hardens instantly when cooled by air, and if you circulate the water in your boiler it will carry the solder directly to the leak and build up a permanent metallic repair. You can't use it for tanks containing drinking water, of course.

My Mother's Cakes

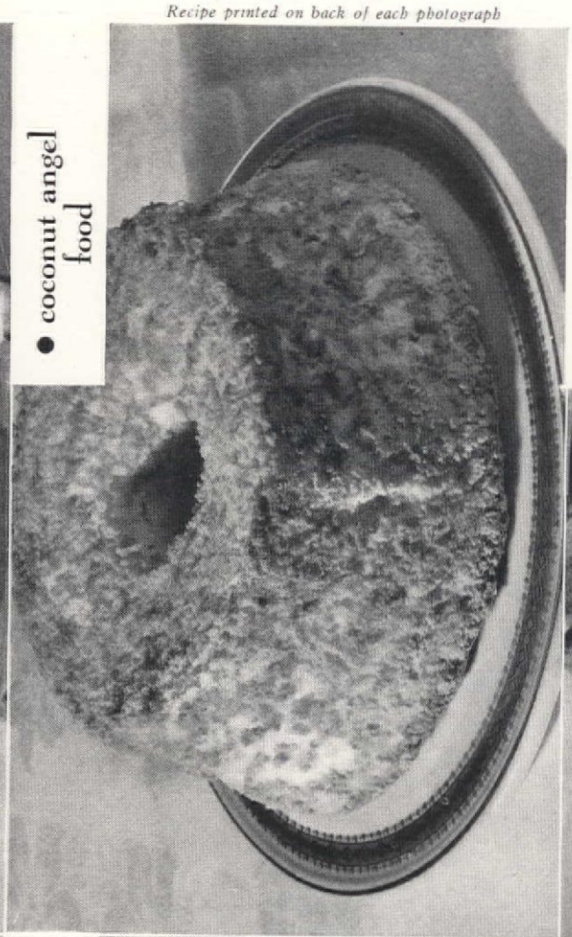
"You don't have to be clever to bake a good cake . . . just careful." This was the lesson I learned years ago when my eyes were on a level with mother's old brown mixing bowl. To my hungry eyes those cakes were a revelation of all that is implied by "absolute deliciousness." . . . CECILE S. BALLEIN

Recipe printed on back of each photograph



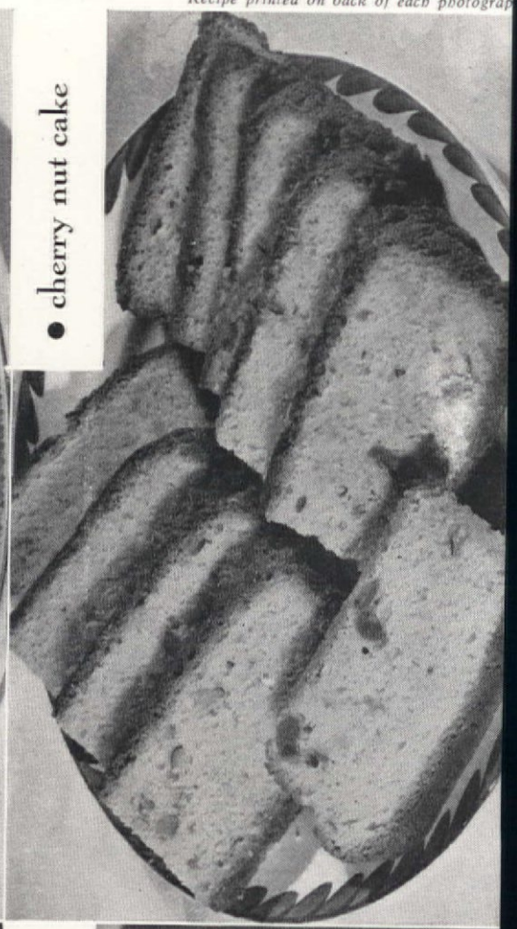
• chocolate-shavings cake

Recipe printed on back of each photograph

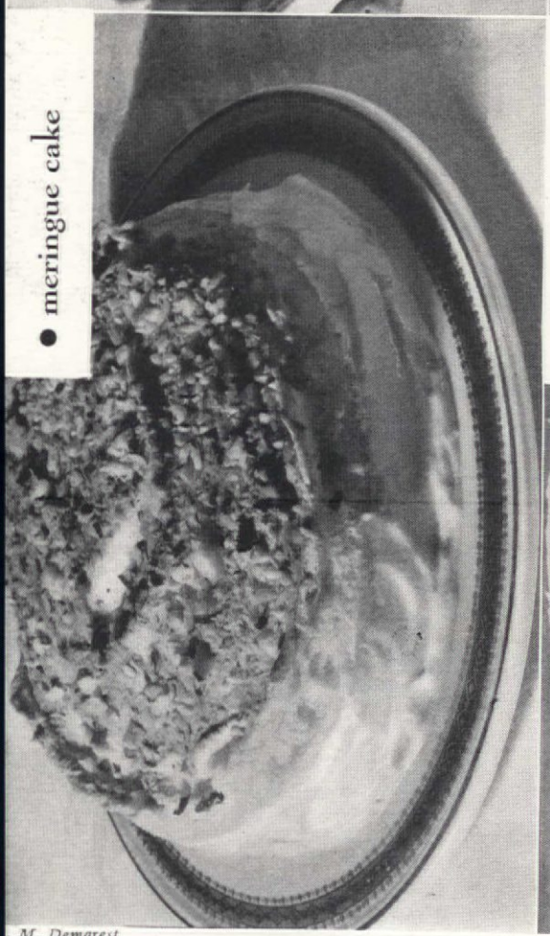


• coconut angel food

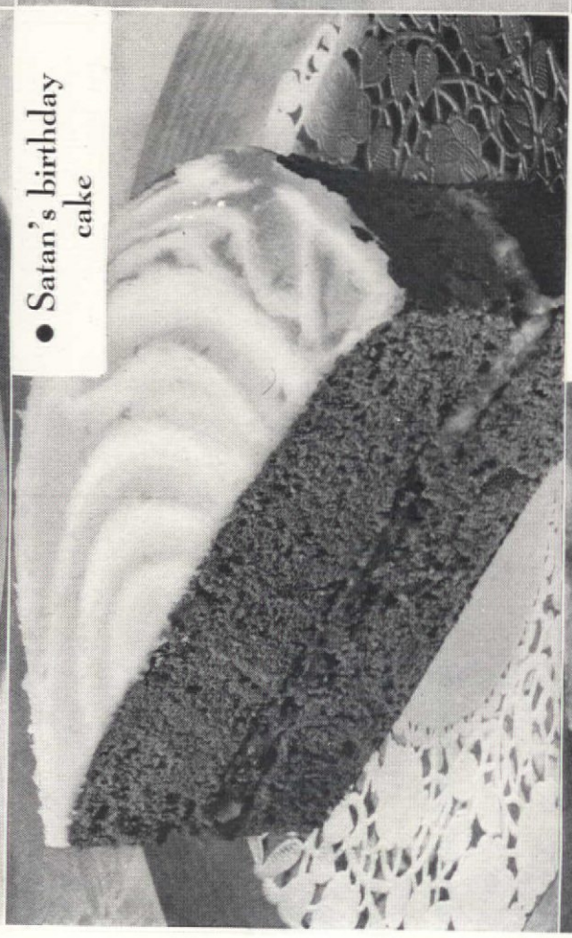
Recipe printed on back of each photograp



• cherry nut cake



• meringue cake



• Satan's birthday cake

• grandmother's nut torte

. M. Demarest

My Mother's Cakes

No artist was ever more particular about the correct tone of colors on his palette than is my mother with the ingredients she incorporates in a cake. No substitutes are good enough! No measurements too exact! Yet she works with the deftness of the natural home artist and with the skill and speed of an adept. . . CECILE S. BALLEIN

• grandmother's nut torte

6 egg yolks
¾ cupful sugar
6 egg whites
¾ cupful cake flour
1 teaspoonful baking powder
1 teaspoonful salt
2 tablespoonfuls dark syrup
¾ cupful chopped nut meats

BEAT the egg yolks until thick and lemon colored. Beat in ½ the sugar. Beat the remaining sugar into the stiffly beaten egg whites. Sift the flour, with the baking powder and salt, into the egg yolk mixture and mix until smooth. Stir in the syrup and fold into the egg whites with the nut meats. Place in two greased 9-inch layer cake pans. Bake in a moderate oven (350° F.) about 30 minutes. Cool and place chilled whipped cream filling between the layers. Cover the top and sides with whipped cream filling, and with the back of a teaspoon swirl on a few dips and waves.

Whipped cream filling

1 tablespoonful unflavored gelatine
2 tablespoonfuls cold milk
¼ cupful powdered sugar
2 cupfuls heavy cream
2 tablespoonfuls light corn syrup

Soak the gelatine in the milk 5 minutes and dissolve over hot water. Whip the cream and fold in the sugar. Fold the dissolved gelatine into the whipped cream. Add syrup. Spread between layers and on top. *Tested by* THE AMERICAN HOME

• Satan's birthday cake

¾ cupful shortening
1½ cupfuls sugar
1 cupful milk
4 egg whites
4 squares chocolate
3 cupfuls cake flour
4½ teaspoonfuls baking powder
½ teaspoonful salt
1 teaspoonful vanilla

SIFT flour, baking powder, and salt together three times. Cream shortening and sugar. Add the dry ingredients alternately with the milk, beating batter smooth after each addition. Melt chocolate and add to batter. Fold in beaten egg whites. Turn into 2 greased 9-inch layer cake pans and bake in a moderate oven (350 degrees F.) about 35 minutes. Fill with fruit filling and cover top with your favorite powdered sugar icing.

Fruit filling

¾ cupful evaporated milk
¼ cupful water
¾ cupful sugar
¼ cupful dates, chopped
¼ cupful figs, chopped
¼ cupful raisins, chopped
½ cupful nuts, chopped
1 teaspoonful vanilla

Mix the evaporated milk and water in a double boiler and add the sugar. Stir until the sugar is dissolved, then add the fruit and cook until thick. Cool, add the vanilla and nut meats, and spread between layers. *Tested by* THE AMERICAN HOME

• meringue cake

½ cupful shortening
½ cupful sugar
4 egg yolks
½ cupful cake flour
¼ cupful milk
2 tablespoonfuls cake flour
1 teaspoonful baking powder
¼ teaspoonful salt

Cream the shortening and sugar together, add the yolks, well-beaten. Add the cake flour alternately with the milk. Sift the remaining 2 tablespoonfuls of flour with the baking powder and salt and add last, mixing thoroughly. Pour into two greased 8-inch round layer-cake pans and add:

Meringue: 4 egg whites
¾ cupfuls sugar
1 teaspoonful vanilla
¾ cupful chopped nutmeats

Beat the egg whites to a froth, and then add a light sifting of the sugar, continuing to add some while beating until all of it has been added gradually. The meringue should hold a point when the beater is drawn out of it. Then add the vanilla and spread the meringue on top of each unbaked layer. Sprinkle the chopped nutmeats on top of the meringue. Bake 20 to 25 minutes in a moderate oven (325-350 degrees F.). Allow to cool, then remove from pans. Place one layer, meringue side down, on serving plate. Spread the desired filling on first layer. Then place the other on top, meringue side up. Suggestion for filling: crushed, drained pineapple, sweetened with powdered sugar and mixed with whipped cream. *Tested by* THE AMERICAN HOME

• cherry nut cake

½ cupful shortening
1½ cupfuls sugar
½ cupful nut meats, chopped
16 maraschino cherries, chopped
2⅛ cupfuls cake flour
3 teaspoonfuls baking powder
¼ teaspoonful salt
½ cupful evaporated milk diluted with
1 teaspoonful vanilla and
¼ cupful cherry juice
4 egg whites

CREAM shortening. Add sugar and cream both together thoroughly. Mix nuts and cherries together and dredge with ⅛ cupful flour. Sift the remainder of flour with baking powder and salt and add to creamed mixture alternately with the diluted milk. Blend in nuts and cherries. Fold in stiffly beaten egg whites. Pour into a greased 8 x 8 inch square loaf pan. Bake in moderate oven (350 degrees F.) about 45 minutes.

Tested by THE AMERICAN HOME

• coconut angel food

1 cupful egg whites (8 to 10 eggs)
1 teaspoonful cream of tartar
1½ cupfuls sugar
1 cupful cake flour
¼ teaspoonful salt
1 teaspoonful vanilla
¼ teaspoonful almond flavor
1 can coconut

BEAT the egg whites until frothy, add cream of tartar and beat until stiff, but not dry. Sift sugar, flour, and salt together 5 times. Fold gradually into the egg whites. Add flavoring. Add coconut, browned in shallow pan in oven. Rinse a tube pan with cold water and pour batter in. Place in a slow oven (300° F.) and bake for 30 minutes. Then increase to 325° F. and bake about 30 minutes more. Invert pan; allow to stand until cold.

Tested by THE AMERICAN HOME

• chocolate-shavings cake

¾ cupful cake flour
3 squares chocolate
6 egg yolks
1 cupful sugar
1 teaspoonful vanilla
½ teaspoonful almond
7 egg whites
¼ teaspoonful salt

SIFT the flour 3 times, then mix with chocolate, which has been shaved into flakes with sharp paring knife, and divide into 2 parts. Beat the egg yolks until thick and lemon colored, add the sugar and beat until thick and fluffy. Add the flavorings and ½ the flour mixture and beat thoroughly. Add the salt to the egg whites and beat until stiff. Fold into this the remaining ½ of the flour mixture. Fold the egg white mixture into the egg yolk mixture. Place in a water-rinsed angel food pan or spring form tube pan (8 inches in diameter). Bake 45 minutes in a moderate oven (325 degrees F.). When done, invert the pan until cool. Remove the cake from the pan and slice in half crosswise, using a wet, sharp knife. Fill with:

Cream filling

10 drained and chopped maraschino cherries
½ cupful chopped pecans
1 cupful heavy cream

Whip the cream and fold in the pecans and cherries and spread one half on the lower half of the cake. Replace the top half of the cake, pile on roughly the remaining half of the filling. If desired, sprinkle with powdered sugar.

Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

Photograph printed on back of each recipe

Photograph printed on back of each recipe

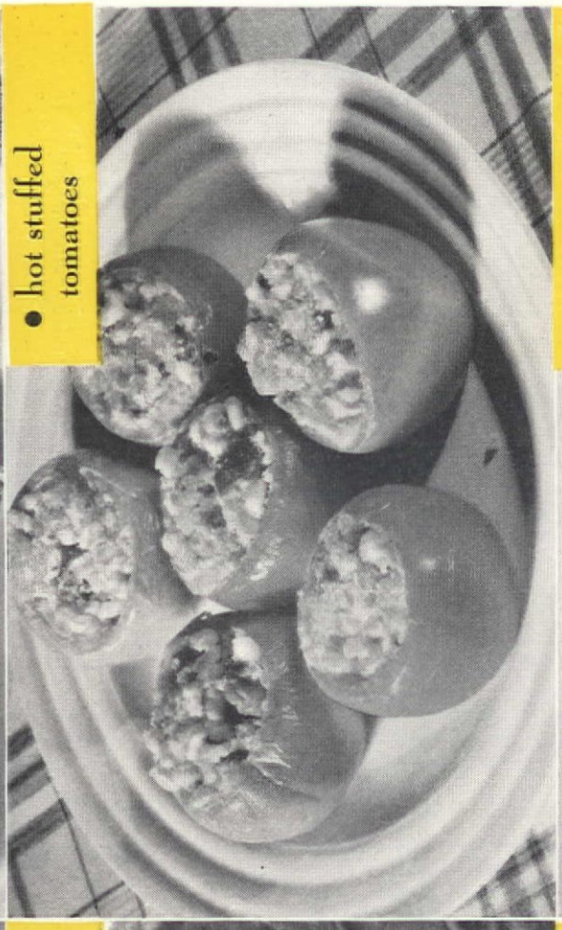
A luncheon from California

e setting is all important for this luncheon. Choose colorful linen—tangerine, lemon yellow, or sea green. Pottery will add much to the atmosphere. lect the color that will be the most attractive background for the food you are serving, as the use of unmatched china is smart . . . ELVIRA LARSON

Recipe printed on back of each photograph

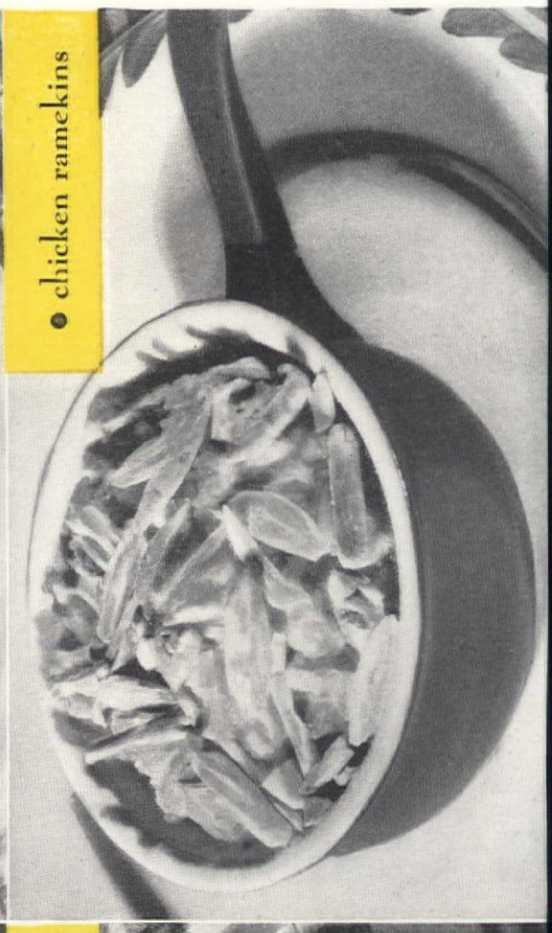
• date torte

Recipe printed on back of each photograph

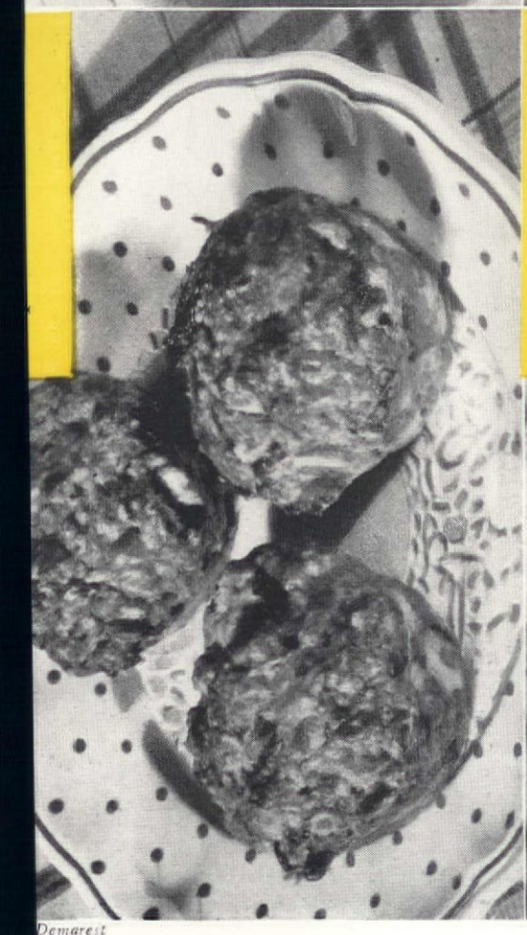


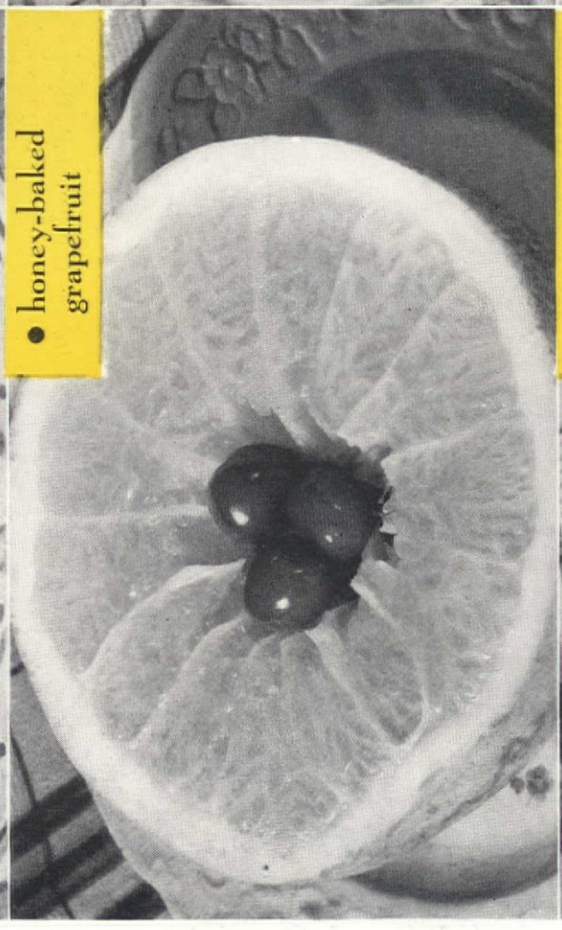
• hot stuffed tomatoes

Recipe printed on back of each photograph

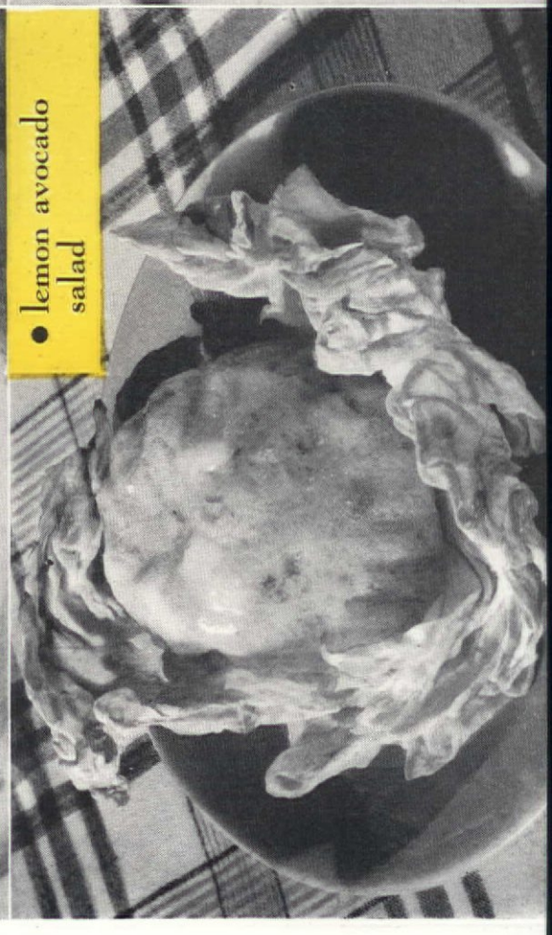


• chicken ramekins





• honey-baked grapefruit



• lemon avocado salad

Demarest

A luncheon from California

For the centerpiece, why not use a mirror and create a landscape with imitation palms and glass animals; or arrange any of the citrus fruits in pyramid form, inserting leaves at regular intervals. This gives an attractive modernistic effect to your table . . . ELVIRA LARSON

Photograph printed on back of each recipe

• lemon avocado salad

1 package prepared lemon gelatine
1 scant pint boiling water
2 tablespoonfuls lemon juice
2 avocados

Add boiling water to gelatine. Stir until dissolved; add lemon juice. Chill until slightly thickened. Beat well with an egg beater and fold in the avocados which have been peeled and cut into cubes. Mold in fancy individual molds.

Serve with plain cream-thinned mayonnaise or with strawberry dressing made by blending ½ cupful of mayonnaise with 1 cupful of whipped cream and sufficient fresh sweetened strawberry juice to color and flavor.

Tested by The American Home

• honey-baked grapefruit

3 grapefruit
Honey (about ½ cupful)

Select large thin skinned grapefruit. Cut in halves and cut each section free from skin with a sharp knife. Pour 1 tablespoonful honey over each half and bake 15 minutes in a slow oven (300° F.), or until thoroughly heated through. If you wish, add 2 teaspoonfuls of sherry wine to each grapefruit half before serving. (This is a delicious first course especially when the weather is cool.)

Tested by The American Home

• prune muffins

3 cupfuls flour
6 teaspoonfuls baking powder
1 tablespoonful sugar
1 teaspoonful salt
½ cupful of milk
½ cupful of prune juice
4 tablespoonfuls melted fat
1 teaspoonful cinnamon
1 cup cooked stoned prunes
2 eggs

Sift dry ingredients; add milk and prune juice gradually. Add melted shortening and chopped prunes; lastly, well beaten eggs. Fill well greased muffin tins two thirds full and bake 25 minutes in a moderate oven (350° F.).

Photograph printed on back of each recipe

• chicken ramekins

1 —4-lb. stewing chicken
1 tablespoonful salt
3 cupfuls boiling water
6 tablespoonfuls butter
6 tablespoonfuls flour
3 cupfuls cooked rice
1 cupful cubed pineapple
1 cupful grated coconut
¾ cupful almonds, slithered and toasted

Cut the chicken for stewing and place on a rack in a roaster. Sprinkle with 1 tablespoonful salt. Pour in 3 cupfuls boiling water and cover. Cook on top of the range until tender or place in a slow oven (275° F.) for three hours, or until tender. Remove chicken from the pan, and cut into small pieces. Now make a sauce as follows. Melt butter, add flour and stir until smooth. Add 3 cupfuls chicken broth in which chicken was stewed and cook until thickened. Add the stewed chicken (cut in small pieces), pineapple cubes, cooked rice, and grated coconut. Fill individual ramekins with chicken mixture and top with slithered and toasted almonds. Keep hot in oven until ready to serve. Place a ramekin on each plate for serving.

Tested by The American Home

• hot stuffed tomatoes

6 medium sized tomatoes
1 green pepper
1½ cupfuls canned corn
Bread crumbs
1 small clove of garlic, minced
Butter

Cut a slice off the top of each tomato and scoop out inside. Sauté corn, pepper, and garlic in butter and fill tomatoes. Top with crumbs, dot with butter, and bake until tender and top is brown, in a moderate oven (350° F.).

Tested by The American Home

• date torte

4 eggs
1 cupful sugar
¼ cupful cracker crumbs
1 teaspoonful baking powder
½ cupful walnuts, cut in pieces
1 cupful pitted dates, chopped

Separate eggs, beat egg yolks; add sugar gradually, then cracker crumbs, baking powder, nuts and dates. Fold in stiffly beaten whites. Bake one hour or longer in a slow oven (300° F.). Cut in squares and serve with sweetened and flavored whipped cream. If one prefers, a half cupful of cream cheese may be blended with one cup of heavy cream, whipped.

Tested by The American Home

Photograph printed on back of each recipe

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PYREX SQUARE CASSEROLE
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Don't let this opportunity pass to get one of these stunning 1½-qt. Pyrex Brand Square Casseroles at a 27¢ saving. It's streamlined and . . . it fits easily into the oven with other dishes. This is a real bargain, for after a limited time the price goes back to $1.25.

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BANISH "TATTLE-TALE GRAY" WITH FELS-NAPTHA SOAP!

The art of meringuing

CLARIBEL J. ADAMS

WHO has not seen the sad meringue with the weepy face! Its sad appearance could easily have been averted and with no more effort or expense a delightful perky topping could have graced the pie or pudding. To achieve this result requires some practice and attention to details, but the perfected meringue is worth the trouble.

There are various types of meringues, such as Italian for sherbets, meringue frostings, soft or dessert toppings, and kisses or hard dessert meringues. In this article we shall consider the last two to demonstrate more readily the principles of egg white manipulation and the efforts of different temperatures on the product when it is finished.

First of all, to insure a good meringue the egg whites must be beaten to just the right degree of stiffness. For soft meringue toppings, beat the whites until they flow easily in the bowl. Then gradually beat in the sugar and then continue beating hard and fast until the mixture is glossy and stiff — the "psychological point." If you pass this point and beat until the eggs are dull and little specks of white fly as you beat—then you have overdone the act and your meringue will be dry and tough. If you beat too slowly, the whites will never come stiff and the meringue will be flat.

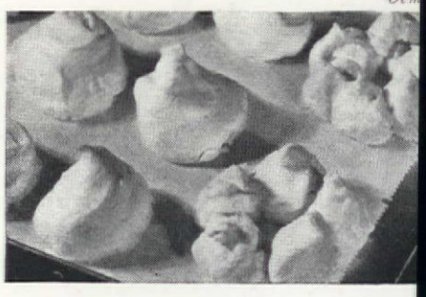
For hard meringues or kisses, beat the egg whites until they flow slowly in the bowl; then gradually beat in the sugar and proceed as with the soft meringues.

In the case of the soft meringues, a beginner in cookery is often queered by conflicting statements, such as, always use one tablespoonful of sugar to every egg white. While another article may insist that perfect meringues are made only when two tablespoonfuls of sugar are used. The truth of the matter is that personal preference enters in. If one knows the characteristics of each type of meringue and how these may be achieved, one can then choose one's preference and proceed accordingly.

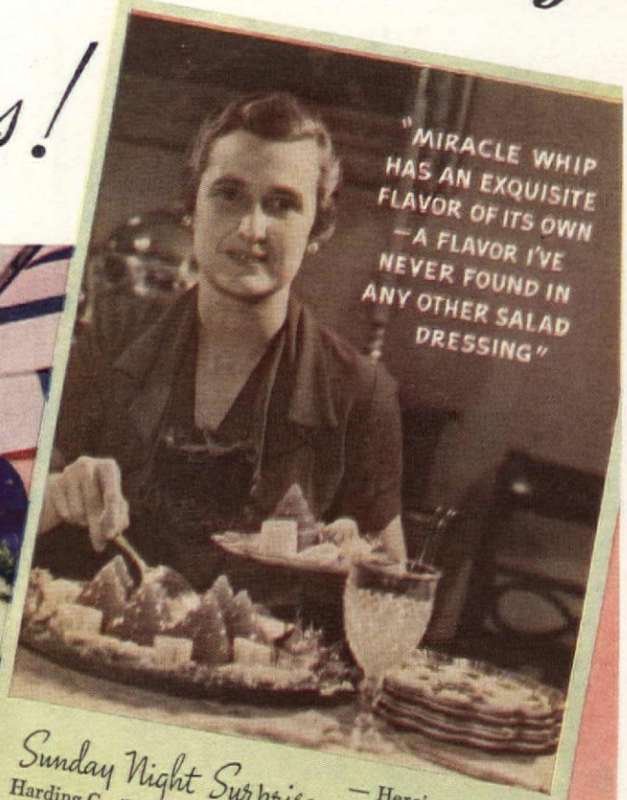
The usual amounts given in soft meringues are one tablespoonful, two tablespoonfuls, or three tab spoonfuls of sugar for each e white. The amount of sugar fects the texture and browning the meringue. We usually think larger amounts of sugar as yie ing browner products. In m ringues the opposite effect is tr With one tablespoonful of sug the product is loose textured quite brown. With this amount sugar the meringue will shrink about one half its original si toughen, and develop weep upon standing. When two tab spoonfuls of sugar are used product is browner than the th tablespoonfuls meringue, but so brown as the one tablespoon meringue. It does not shrink fall upon standing, provided proper temperature has been us It was found that with the t tablespoonfuls of sugar the hig baking temperature of 350° F. moderate oven) for 10 to 12 m utes, gave a more desirable pr uct. The meringue made fr three tablespoonfuls of sugar every egg white is generally favorite. When put to a vote fore large classes it is invaria chosen as the most desirable the three types. When prope baked it is high, perky, fi grained yet tender, glossy, delicately browned. It is satisfactory when baked at 3 F. (a moderate oven) for 10 12 minutes but usually more tractive when baked at 300° F. slow oven) for 20 to 25 minu The larger proportion of suga especially nice for all of the desserts, such as lemon pie, ba apples, etc.

The brown beads which used be a familiar sight on grandm er's soft meringues have a te ency to form with insuffici beating of the combined su and egg white. They are also m apt to occur with the sma amounts of sugar and high t peratures. So if your husb likes beads on his meringues, way his mother used to m them, just fold the sugar, inst of beating it, into the egg wh and use the smaller amount sugar. However, this type of ringue does not remain perky, is not considered ideal.

Dessert meringues, ready to be served with ice cream and berries



This new flavor has literally captivated millions!



Sunday Night Surprise — Here's the new sensation at Mrs. Harding Cecil's Sunday night suppers. Soften 2 tablespoons gelatin in 3½ cup cold tomato juice. Dissolve it in 3½ cups boiling tomato juice. Cool; add 1 tablespoon lemon juice, 1 teaspoon minced onion, ½ teaspoon Worcestershire sauce, and salt to taste. Pour into a damp mold and chill until set. Unmold on bed of salad greens. Garnish with celery pinwheels made by stuffing several stalks of celery with sharp, yellow soft cheese, pressing them together, and slicing; and thin slices of cucumber. "Then," says Mrs. Cecil, "fill the center with fluffy Miracle Whip. Men especially like the flavor. It's different—they say."

more of the ...y ingredients ...his new type ... dressing

...any salad dressings ...d for sale today the ...ingredients are delib... skimped. The special ...e Whip recipe calls for ...ndance of these costly ...ents. Miracle Whip is a ... cross between mayon... and old-fashioned ...dressing—a wholly *new* ... salad dressing with a ...hat *millions* prefer.

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From coast to coast, enthusiastic hostesses are praising Miracle Whip's unique and different flavor. It's a shade of flavor that's never before existed—a cross between mayonnaise and old-fashioned boiled dressing, with a distinctive tang.

The special Miracle Whip recipe calls for finer ingredients —far finer than those used in ordinary commercial dressings. And these ingredients are even combined differently and more skillfully—whipped to a fluffy, creamy goodness in the Miracle Whip beater that's exclusive with Kraft.

More people buy Miracle Whip than any other brand. *It outsells the next 20 leading salad dressings combined.*

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MIRACLE WHIP SALAD DRESSING

Full details of this cheerful kitchen free on request. Floor is Armstrong's Embossed Linoleum, No. 5531; wall, Armstrong's Linowall No. 751; drainboards, plain black lin

KITCHENS KEEP SMILING when you are generous with color. We've made this one quite gay with blue — in walls and draperies, with accents of blue in the floor. This background of sea blue brings out the beauty of the rounded breakfast bay, the shelves of glass and chromium, the novel ship's window. And it's a color that will keep, for the walls are Armstrong's Linowall, washable, enduring; and the floor, one of the new spring designs in Armstrong's Embossed Inlaid Linoleum with *every* color inlaid through to the sturdy burlap back. A floor like this in your own kitchen will give a real lift to your working hours. It's so alive with color! And so easy to keep clean! Spilled things wipe right up. Even waxing is a matter of minutes if you use Armstrong's Linogloss Wax — it needs no polishing. Your favorite stores are showing this and other gay spring fashions in Armstrong's Linoleum Floors. Any you select will keep your kitchen smiling year after year if you insist on a permanent job cemented over felt — the accepted way to install linoleum over wood.

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owdered sugar does not blend h egg white as easily as granted, so tends to a tougher duct with lower volume.

n the hard meringues, such as es or dessert meringues, a er proportion of sugar is used n for soft meringues. The reing product is crisper.

essert meringues to use with cream are baked at the lower perature so they will be crisp he outside and soft inside. If ed the day before using, they ld be left in the oven after ng, with the heat turned off. procedure will dry them and e them crisp throughout. erwise, the following day they me chewy and hard to cut.

dessert meringue may be ped in a small circle on unered paper—using above five l teaspoonfuls—perkily drop- with little points. Each teanful of material should touch next leaving a space in the er of the circle. Bake at 300° a slow oven) for about 25 tes. Remove from paper e still warm. Fill with ice m or bright colored ice. hed berries may be poured the ice cream. If perfectly e meringues are desired use tablespoonfuls of sugar to egg white instead of four spoonfuls and add a small nt of cream of tartar. The whitens the mixture and a firmer texture.

sses for afternoon tea are made ropping the mixture perkily a teaspoon on a baking sheet red with absorbent paper. ideal meringue kiss is crisp e outside but creamy inside. moved from the oven too they shrink and toughen. r baking temperature, 300° r 25 to 30 minutes, or 350° 15 to 20 minutes gives satisry results. The higher tem-

re gives a drier product lacks the airy, fairy ance of the other.

re is no apparent advantage e old idea of wetting the before dropping the kisses. ughly baked kisses, made e usual method rarely stick oved from the paper while arm. If there is a tendency k, the paper containing the may be placed for a few nts on a damp towel. They are then easily removed from it.

A good deal is being said at present about eggs at room temperature being more desirable for beating than eggs which are chilled. However, we have compared them in a number of trials and find that the chilled egg whites, measure for measure, nearly always give as large a volume and always give a much finer texture. Besides the mixture does not separate so readily upon standing for a while.

When beating egg white that has been chilled (to which salt and flavoring have been added), and using an electric mixer, run the mixer on high speed for one half to one minute (for large amounts one might have to beat slightly longer). A stiff, loose foam is the test. Then add the sugar gradually, leave the mixer on high and run one minute or more until firm, shiny peaks are formed.

And now for the proportions of sugar and egg whites for different kinds of meringues:

For soft meringue toppings

2 or 3 egg whites
⅛ teaspoonful salt
3 tablespoonfuls granulated sugar for each egg white used
½ teaspoonful flavoring

Add salt and flavoring to cold egg whites and beat rapidly with a rotary egg beater until they flow easily in the bowl (stiff foam stage). Gradually beat in the sugar and continue beating hard until the mixture is glossy and stiff, and the sugar is dissolved. Pile lightly on dessert and bake at 300° F. (a slow oven) for 20-25 minutes, or until delicately brown and firm to the touch. (Meringues are more attractive when glossy and just golden brown on the tips). Spoonfuls may be baked in small paper cups and then removed to be used for topping desserts in sherbet glasses.

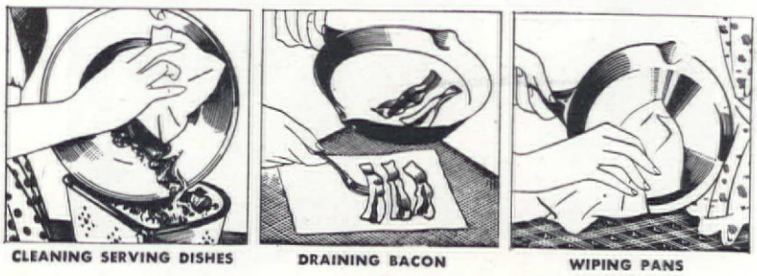
Meringues for desserts or kisses

4 egg whites
¼ teaspoonful of salt
1 cupful granulated sugar
½ teaspoonful vanilla
For kisses: Fold in 1 cupful coarsely chopped nuts, dates or cocoanut

Add salt and flavoring to cold egg whites and beat hard until they flow slowly in the bowl. Gradually add sugar and beat rapidly until the mixture is glossy and makes peaks when the beater is removed. If nuts or dates are added, fold in carefully and drop with a teaspoon on an unbuttered paper, singly for kisses and in circles for desserts. Bake at 300° F. (a slow oven) about 25 minutes. It will yield 40-50 individual meringues.

When firm and delicately browned, remove and gaze in delight at one of the most delectable of the cook's repertoire.

REACH FOR A SCOTTOWEL...



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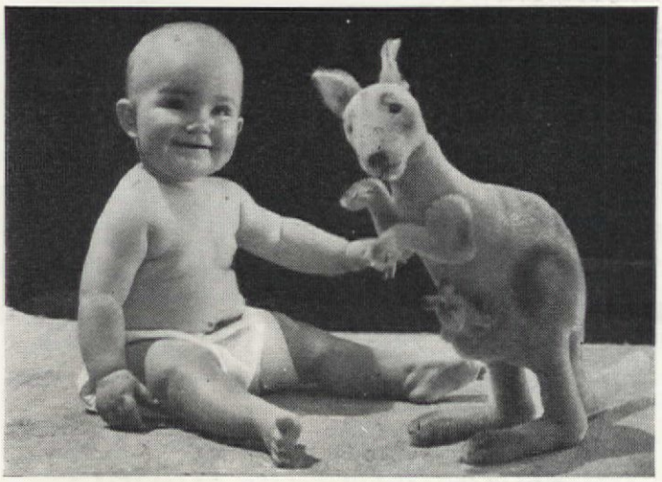
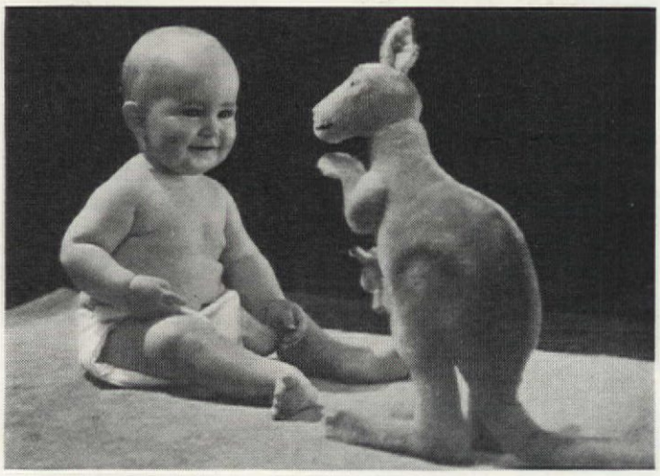
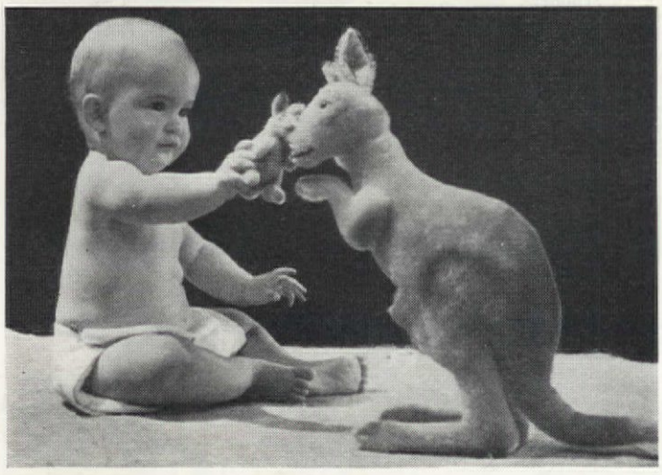


• *"Look! See what she's got in her pocket...her baby! Isn't he lucky—always going riding! Of course, he must rub up and down a bit when she jumps. I'll bet his seat gets chafed!"*



• *"Know what to do for that, Mrs. Kangaroo? Just sprinkle him good with soft, slick Johnson's Baby Powder. It makes any baby feel great! Let me put some on him—I'll be very careful!"*



• *"There!...Doesn't he feel nice—doesn't he smell nice?...And no more rashes or chafes or prickly heat for him. He'll be so good you can put him in your pocket and forget him!"*

• *"Feel my Johnson's Baby Powder—isn't it lovely and downy and soft? Never gritty like some powders. It keeps a baby's skin just perfect!" And that, Mothers, is the surest protection against skin infections! Johnson's Baby Powder is made of the finest Italian talc—no orris-root. Babies need Johnson's Baby Soap, Baby Cream and Baby Oil, too!*

Johnson & Johnson
NEW BRUNSWICK NEW JERSEY

Replace and replenish

[*Continued from page 31*]

completely and most effectively.

The third type of home is that furnished in the modern spirit. Incidentally, it is important to realize that very often a few modern pieces in a room otherwise of period style, create an utterly charming effect. There is no reason why period and modern things cannot be combined, providing the selection is made with taste. The new modern furniture is very simple in line, with little or no decoration other than essential hardware, and a great deal of it is made of blonde woods or ordinary woods with a blonde finish. These are extremely effective against medium or really dark backgrounds, which show them off to the best advantage. Our thir sketch shows the type of roor eminently suited to modern furni ture, whether it be living roor dining room, or bedroom.

There are two points worthy c special note, no matter to whic period style we are referring. Th first is that blonde finishes are th newest thing and are creating great deal of interest. A few piec of pickled pine or pickled ma hogany in a room otherwise fille with the familiar dark mahogan give a certain fillip that is muc liked. The new finishes in mapl mentioned in the description Early American pieces, approac quite closely to the blonde cat gory. We have already commente on the numerous blonde finishes modern furniture.

The other point we wish make is that much of the ne furniture is definitely scaled dow

Left below: Post bed from Grand Rapids Chair Co.; right, Chippendale type from Kindel; center below, another post type from Estey; and at the bottom, "Coronation" bed from Berkey & Gay. Sheraton type dressing table, mirror and curved bench, at right below, from Statton. Simply designed chest of drawers with inlay, also illustrated below, center, is from Drexel

A choice of p is available distinguished century bedr set from Joh Handley-Joh

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The explanation is simple—there's a new-type movie camera—a real movie maker—Ciné-Kodak Eight—deliberately designed for folks on a reasonable income.

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Water Tube for plumbing and heating

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NOTHING BETTER
"Nothing better or stronger", reports Rollen G. Engler, leading plumber of Toledo, Ohio.

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"For a rustproof, leakproof, trouble-proof job, I don't think you can beat Chase Copper Tube", says Plumber Wm. E. Orlando, of Long Island.

PERMANENT
"One of the first steps toward permanent construction" advises H. Hellenthal, Seattle, Washington.

ECONOMICAL
"Always economical and permanent", is the verdict of Emile M. Babst, one of New Orleans' foremost plumbers.

INEXPENSIVE
"A long lasting job at minimum expense", says Master Plumber Harry Stillwell of Philadelphia.

QUALITY
"There is no substitute for quality", says Paul J. Grunau, Milwaukee plumbing engineer, "For this reason I use and recommend Chase Copper Tube."

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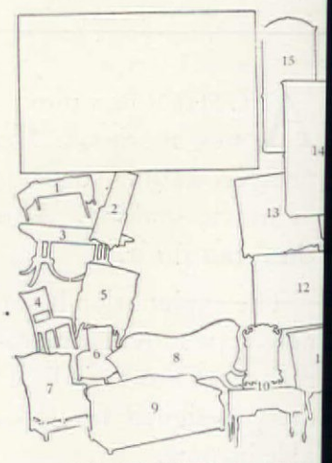
Top: Studio couch with Chippendale type ends and chintz upholstery, from Sleeper. Victorian upholstered chair from Karpen. Virginia sofa, of charm and dignity, from Mueller. Three-tier incidental table from Imperial. Useful table to go against the wall or in back of a sofa, from Kittinger. Victorian side chair from Herman Miller. Maple coffee table, adapted from a cobbler's bench, from Conant Ball. Boudoir chair covered with moire from Selig. Early American maple chair and ottoman, from O'Hearn

to the smaller sizes of the rooms in most houses today. This is particularly true of dining room furniture, with tables and sideboards just as dignified and important as ever, but scaled down to suit new dimensions. In living room furniture, secretaries and breakfront bookcases show the same tendency as do sofas or "love seats," which are eminently comfortable and just as perfect as lounging pieces, but take up a smaller amount of space than the mammoth pieces of some few years ago.



18TH CENTURY—PAGE 29

Key to diagrams

1. Unusually long coffee table by Kittinger, with drop leaves to make it even longer, and convenient shelves and small drawer.
2. Cabinet from Imperial, with "bachelor's chest" base and shelves for books or bibelots.
3. Dining room table from Berkey & Gay, in the "Coronation" design, which can be matched in other dining room pieces, an bedroom furniture.
4. Small side chair from consin Chair Co. of excellent and size for hall or dinette.
5. Comfortable barrel-chair from Karpen.

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HEN PROFESSIONAL BEAUTIES SAY THAT ABOUT A TOOTH PASTE

YOU CAN BET IT IS!

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GRACE ROWLAND, of Virginia, says "A perfect Beauty Bath for teeth—and it gives the mouth a feeling of dewy freshness."

BERNICE GREEN, of Indianapolis, says "So many girls in the studios use Listerine Tooth Paste that I heeded their advice and use it myself."

f their beauty fails they're out job . . . these radiant women big New York commercial lios. They favor only products have proved themselves able foster and heighten their pre- s good-looks—safely. That is so many of them use only erine Tooth Paste. Enthusiasti- y they call it their "Beauty h" for teeth; they've seen the tling results it achieves.

Why not for you?

y not give your mouth that derful feeling of freshness . . . teeth the radiance, flash, and iance that others enjoy?

ut aside the dentifrice you are using and try Listerine Tooth e. You will be amazed to find how quickly—and safely—it makes the mouth feel youthful—the teeth look young, radiant, enticing.

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Risk a quarter and try it yourself. See what a difference it makes in the appearance of your teeth.

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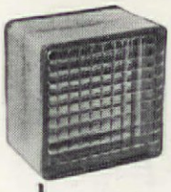
Ask your heating contractor about Dust-Stop for your present warm-air furnace or the installation of a complete *new* Dust-Stop-equipped heating and air-conditioning system. The coupon will bring you important information about the necessity of clean air in the home.



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DUSTOP

AIR FILTERS

● *Insulux Glass Block—the modern building material manufactured by this company — is preeminently suited to new home construction or modernization. . . It is used wherever light, insulation and architectural beauty are desired.*

OWENS-ILLINOIS GLASS COMPANY
Industrial & Structural Products Division, Toledo, Ohio

Please send me, without obligation, information about the use of Dust-Stop Air Filters in air conditioning.

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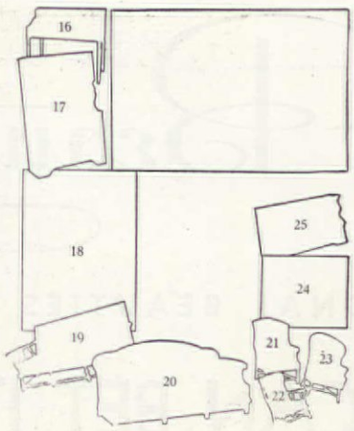
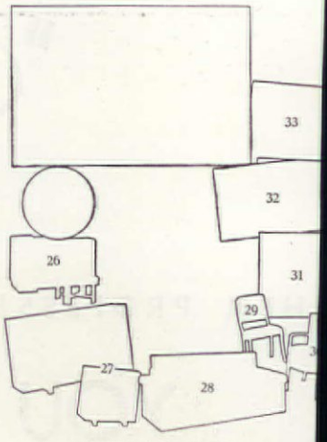


EARLY AMERICAN—PAGE 30



MODERN—PAGE 31

6. Boudoir chair, satin covered and fringe trimmed, from Indian Splint, Inc.

7. Leather covered wing chair, with brass nail heads, from Tomlinson.

8. Gracefully curved sofa, for hall or living room, from Tomlinson.

9. Studio couch covered in a smart stripe, which can be opened into single or double bed, from Simmons.

10. Dressing table and mi in the Charleston pattern, av able in other bedroom pieces a from Grand Rapids Chair C

11. Especially well done h boy from Kindel.

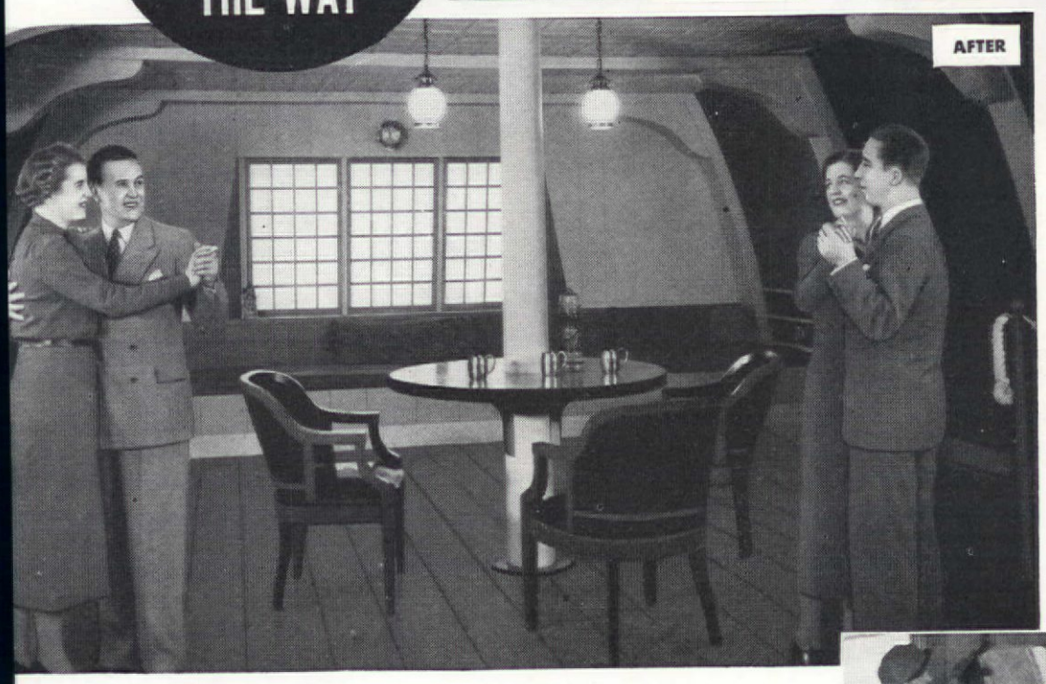
12. Small buffet or server f Drexel.

13. Maple drop leaf desk Heirloom finish closely res bling the finish on fine old pi For 18th century or Early Am ican rooms. A Whitney p

Unusually charming small desk of Chippendale derivation, and Tambo front telephone table, both from Weiman. Hanging shelf with fretwo sides, and bachelor's chest of drawers, for any room in the house, both fr Baker. Chaise longue, and the two Victorian chairs are from Tomlins

"Sure I'd like to turn it into an attractive new living room, but how can we do it?"

THEN THE "101 IDEA BOOK" SHOWED THEM THE WAY



"You're a lucky girl, Jane—wish we had the money to do our basement over."

"But you have, Sally... you'll be amazed how small the monthly payments are."

WOULD you like to know how to turn an unsightly corner of *your* cellar into an attractive playroom or living room . . insulate your house for year-round comfort and lower fuel bills . . . put on a new roof or sidewalls of fireproof and wear-proof asbestos shingles . . . modernize an ugly bathroom or dingy kitchen with colorful, gleaming asbestos wainscoting . . . ?

Then send for the 1937 edition of Johns-Manville's famous book, "101 Practical Suggestions for Home Improvements." It's fun to read. It's full of fascinating pictures. And the ideas it brings you are practical; they'll save you a world of time, trouble and money. Also contains full information on financing home improvements with convenient monthly payments under the terms of the J-M Million-Dollar-to-Lend Plan. The book is FREE . . . mail the coupon.

YEAR-ROUND COMFORT

J-M Home Insulation in Ful-Thik Rock Wool "batts" for new houses—or "blown" into walls of existing homes—helps prevent cold, drafty rooms in winter; keeps rooms up to 15° cooler in hottest summer weather; cuts fuel bills up to 30%.

BATHROOM MODERNIZED

Cost was low; J-M Asbestos Wainscoting went on right over old walls. Three styles were used: the tile design, the unscored color panels and the marbleized. All have a gleaming, durable, hard surface, easily cleaned, and come in a range of pleasing colors.

LIFETIME ROOF

J-M Asbestos Shingles are charming and everlasting. Will not burn, rot, split or wear out, and unlike certain supposedly permanent shingles, ice and snow will not dislodge or crack them. There will be no heavy repair bills each spring.

JOHNS-MANVILLE

JOHNS-MANVILLE JM PRODUCTS **BUILDING MATERIALS**

SEND FOR THIS FREE IDEA BOOK!

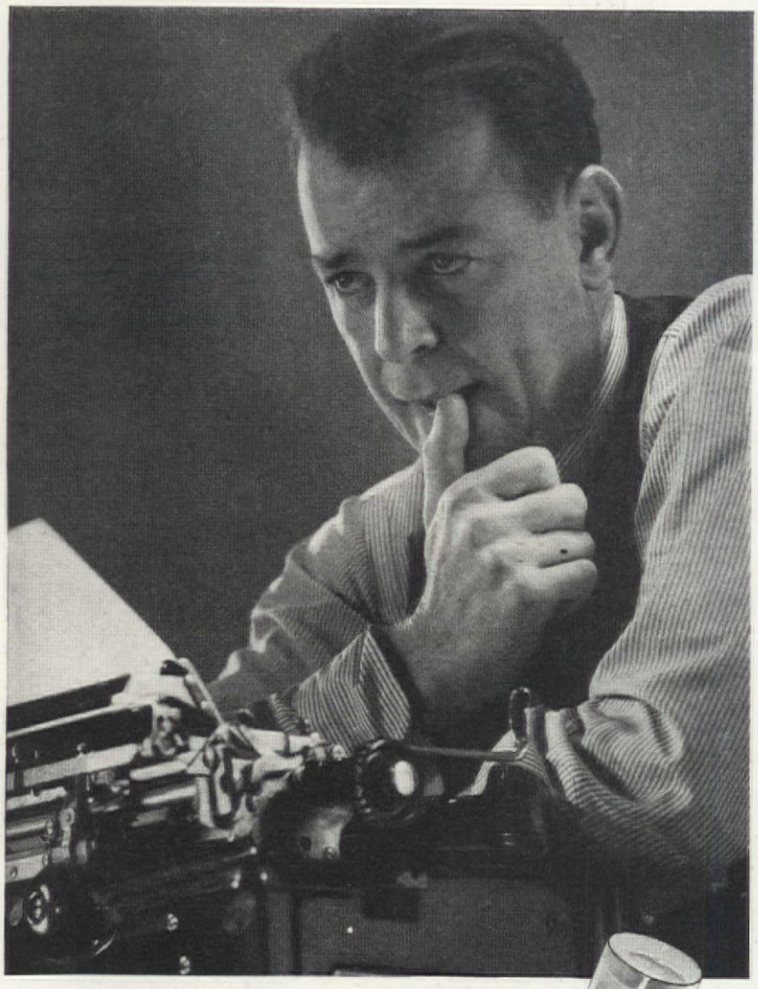
Johns-Manville, Dept. AH-4, 22 East 40th Street, N. Y. C.

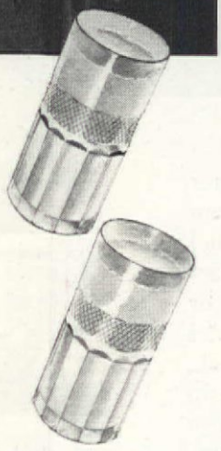
I am planning to remodel my home. Send me the new 1937 "101 Book," FREE □. I am especially interested in Home Insulation □. Insulating Board for building extra rooms □. An Asbestos Shingle roof □. Cedargrain Asbestos Siding Shingles □.

Name_____

Address_____

Now how can you describe a flavor like that?





Impossible! How can words describe the imprisoned sunshine that comes from long, lazy days in the tropics?

How can you picture such freshness—a juice as fresh as a summer dawn?

How can you even suggest its flavor—the fragrant, luscious ripeness you taste, as you roll each mellow, golden drop beneath your tongue?

It can't be done!

The only way to know what a wonderful pineapple juice DEL MONTE puts out is to *taste* it yourself.

Give yourself a treat! Pour out a sparkling glassful—and drink. Let this sunny DEL MONTE juice tell you its own eloquent story—of refreshment—and real enjoyment!

IT'S DEL MONTE PINEAPPLE JUICE

This French provincial bedroom furniture is from Luce

14. Breakfront bookcase in pickled pine from Baker. A perfect piece to combine with mahogany furniture.

15. Corner cupboard in pickled pine, to be used singly or in pairs, in pine or mahogany dining room. Herman Miller.

16. Slant top desk in mahogany, taken from an original. Colonial Mfg. Co.

17. A maple cupboard, for living or dining room, from Sikes.

18. Maple screen with scenic paper panels, from Ferguson.

19. Maple framed sofa with wide arms, from the Cushman Manufacturing Co.

20. Upholstered sofa with maple legs and stretchers from Whitney.

21. Upholstered wing chair from Whitney, a nice companion piece to the sofa.

22. Maple wing chair with cushioned seat and back, from Cushman Manufacturing Co.

23. An exceptionally inte ing upholstered chair cov with India print, from the S ton Furniture Mfg. Co.

24. Unusual nest of three ta in maple from Conant Ball.

25. Low bookcase to go u a window, from Sikes.

26. Fashion-Flow dressing with large round mirror and fortable bench, from B. P. Furniture Co.

27. Dining room buffet server combining light and woods, from Thomasville.

28. Twin studio couch cov in two colors, for the mo room. Sleeper Inc.

29. Bedroom chair f Thomasville.

30. Modified modern bo chair, from Indian Splint, I

31. Open arm channel chair from Brown-Saltman.

32. Bentwood furniture, in ing two different types of c and convenient table, from wood-Wakefield.

33. Chest of drawers, whic other bedroom pieces to m from the Widdicomb Furn Company.

Two vaudeville "troupers" make their dreams come true in this little Hollywood ho

[*Continued from page 44*]

was small and rather poorly constructed—what was called a few years ago when the house was built, a California bungalow—weatherboard, rafters, and plasterboard. But it was a little house that had lines and promise. So the Curtises moved in. It was wise to get established in their work before they spent more. Anyway, as it stood, it was a palace—a home that they really owned! They walked through the rooms, upstairs and down, each time more thrilled with their investment. Next came a dog, a wire haired fellow, to greet them at night, and a colored cook to have meals ready. No more restaurants.

Up the street a house, much larger than theirs was being remodeled. There was an atmosphere of friendly charm weaving itself into the elegance. Fl in gay pots were arranged o open veranda. Instinctively Curtis memorized the bui name and telephone number a sign in the yard. Perhap knew all along that he w later be calling his neighbor signer, Jack Moss. Or may only became an assurance wh saw a white fence added. ever, it was only six month fore Jack Moss was summon the Curtises.

It was quite an order he tracted for in the end. Not must he remake the house i substantial dwelling, mode every way, but there wa mind picture of the Cu Philadelphia cottage, seen years ago, which he must proximate if possible.

RESEARCH KEEPS GENERAL ELECTRIC YEARS AHEAD!

NOW! THE NEW *Triple-Thrift Refrigerator!*

1. You save on PRICE!
2. You save on CURRENT!
3. You save on UPKEEP!

TODAY you can buy the finest refrigerator General Electric has ever made and save three ways. You can save on price, current cost and upkeep. You pay no premium for the extra quality built into the new G-E Triple-Thrift Refrigerator. And you get a mechanism that produces more cold with less current—one that lasts longer and gives more years of economical service.

All Triple-Thrift Refrigerators have the powerful G-E Thrift Unit which carries five years of performance protection. This *sealed-in-steel* mechanism is permanently safeguarded against the destructive effects of air, dust and moisture. Forced-feed lubrication and oil cooling—assuring longer life, lower current consumption and quieter operation—are exclusive features. In 10 years General Electric has had more experience in the manufacture of sealed refrigerating mechanisms than all other companies combined. That's worth remembering!

Check the new Triple-Thrift models point by point. They give you all four kinds of refrigeration service: (1) faster freezing, (2) frozen storage, (3) special storage for fruits and vegetables and (4) normal storage with air in circulation and temperature always below 50°.

Both the G-E Monitor Top and Flatop Refrigerators are equipped with the powerful General Electric Thrift Unit illustrated at the left.

See for yourself!

At right, interior arrangement of a Monitor Top Refrigerator is shown. There is a General Electric of the right size and price to meet your needs exactly.

YOU'LL ALWAYS BE GLAD YOU BOUGHT A G-E!

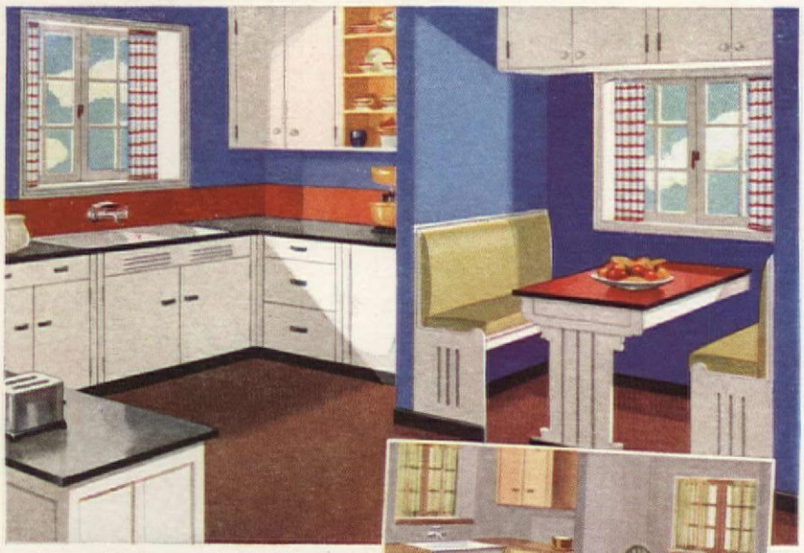
● The brilliantly styled, all-steel refrigerator cabinets have automatic interior lighting. Full-width sliding shelves with rounded fronts increase the usable storage space. Among the other convenience features are easy-out ice-cube trays, built-in thermometer, deep-dish vegetable drawer, matched food containers.

Remember, the new G-E Triple-Thrift Refrigerator is a product of the research and engineering skill for which General Electric is world-famous. Your G-E dealer will explain how you may buy the Triple-Thrift model you need on easy terms. General Electric Co., Refrigeration Division, Sec. F-4, Nela Park, Cleveland, O.

GENERAL ELECTRIC

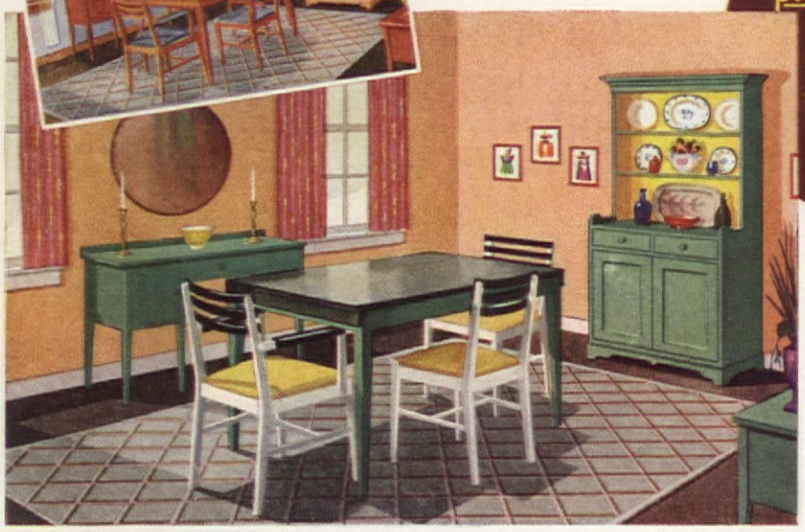
Triple-Thrift Refrigerator

MAKE YOUR ROOMS



Kitchen magic! One morning it's drab, dreary (right). That very night it's *lovely!* Wallhide semi gloss walls with a touch of red for emphasis, white Waterspar enamel woodwork and Canary yellow cupboard interiors work wonders!

An old-fashioned dining room (left) goes modern. Below is the room with biege Wallhide walls. Furniture is finished in Geneva Green Waterspar enamel with table and white chairs effectively trimmed in black.



One-day painting turns drab rooms into brilliant ones

SWING to the new tempo. Get in step with the tim
Let the magic of paint and brush wake up your roo
and bring fresh life, color and interest into your hom

Forget you ever heard of neutral walls and mousey-gr
carpets. Turn your back on dingy rusts and "standar
greens that "go with everything"—but look like nothin

Bring gaiety and chic into your living room. Paint t
north wall with filtered sunlight. (Suntone Wallhide do
the trick.) Finish the other three walls and the woodwo
to harmonize with your hangings. Then open your ey
and see how the room spreads out to welcome you!

Let Yourself Go

Be ruthless with a stodgy dining room. An ornate su
too good to throw away—too bad to live with—is a co
mon curse. Follow the lead of modern decorators. Pa
the furniture bone-white—every stick of it. (Use Wat
spar Enamel for this.) As if by magic, fussy golden-o
acquires dignity and richness.

East Side, West Side . . .

So it goes . . . inside, outside, all around the house. Brig
ness and cheer follow the paint brush. Hom
may be transformed—in a single day and
little cost—if only you'll let yourself
with color! But do choose breath-taki
unexpected shades!

You'll find the very ones you want
the vast rainbow of colors available
Pittsburgh Paints. These quick-dry
finishes brush on more smoot
stay fresh longer and wash as ea
as linen. So ask the nearest Pittsbu
dealer (listed in your classified t
phone book) about Wallhide for w
and ceilings; Waterspar Varnish
floors and trim; Waterspar Enamel
woodwork and furniture; Florhide for pain
floors. Outside use Sun-Proof. Pay for painting
convenient terms if you wish. And for advice about d
orating problems, address: Studio of Creative Design, Pi
burgh Plate Glass Company, Paint Division, Pittsburgh,

PITTSBURGH PAINT
Smooth as Glass

WALLHIDE • FLORHIDE • WATERSPAR • SUN-PR

Copr. 1937 Pittsburgh Plate Glass Co.

e living room and dining
n of the little house needed
architectural changes but
was one big problem, that
replacing the plasterboard
. Mr. Moss' first idea was a
of wood, with plaster above,
he Curtises talked of a wood
l room painted white. With
scheme of decoration they
rred, an entire wood paneled
with beam ceiling was much
eavy a background. A com-
ise of wood paneling, two
s of the way up, with plaster
e was decided upon.

there was any other criticism
e room it was that it seemed
and narrow. That was prin-
y the fault of the dark beam
g, dark woodwork, place-
of furniture, and French
ows which opened into it.
rooms with floor length win-
were entirely too open to
aze of passers-by, but by
ng out all the French win-
Venetian blinds could be
ively used.

xt the dark woodwork, walls,
ireplace were painted an off-
. The one little change of
ing the red brick fireplace
an effect of added width to
oom. Instead of the eye
sing on the dark fireplace
en the windows, the fire-
and windows joined hands
e a continuous light effect
the entire end of the room.
was one other minor change
in the fireplace. As you will
the "before" photograph of
ing room, there was a wide
running along the back of
antel shelf which interferred
any wall decoration above
replace. By removing it, a
or picture now fits nicely
he wall space.

inst this light background
e living room Mr. Moss
a color scheme of blue and
with an accent note of
blood (wine red). The rug
had been apple green, and
had faded in spots because
position in front of the un-
ted windows, was bleached
natural shade and redyed a
French blue. Curtains of
blue repp with white silk
fringe were used with a
valence covered with the
ed silk and trimmed with
hite fringe.

the new background com-
the next consideration was
rniture. Much of it had
cquired hastily when they
into the house, but it was
od to discard. Yet, the mot-
ray of dark lounge chair
avenport covers did not fit
e new color scheme.

lounge chair, seen by the
e in the "before" illustra-
vas exchanged for a wing
ot shown. The lounge chair
upholstered in a gray and
blood brocade and placed
at the end of the room opposite the fireplace. The winged chair moved into its rightful place by the fireside and was recovered in a white and silver cotton brocade. The nondescript table, seen in the window in the "before," picture was discarded in favor of a nice old mahogany one, which was in the library. The coffee table was also replaced, as was the pull-up chair seen in the "before" illustration at the left of the table in the window. The new pull-up chair was covered in blue, red, and gray glazed chintz.

Both lamps seen in the "before" photograph were used after quite radical changes. The funny high table lamp, with a stunning pigeon blood porcelain base, sat high on an iron standard. The standard was removed and replaced by a low square wooden base covered with chamois skin. The old lamp shade, perched high in the air was discarded in favor of a white roboid one which was given a wash of pale, light blue and finished with two narrow bands of chamois skin and pigeon blood braid. The brass base of the floor lamp was painted antique white and the old shade replaced with one of stretched eggshell velvet, finished with eggshell and tea rose silk fringe.

To widen the appearance of the room, the bookcase seen in the "before" illustration near the fireplace was taken out and the davenport pushed up in its place to avoid having the chairs in the window placed exactly opposite the davenport. Recessed bookcases had been built in the end of the room opposite the fireplace. With the exception of the two Chinese Chippendale end tables which were used at either end of the davenport, all of the furniture as you see it in the "after" photograph of the living room was revamped from furniture formerly in the room, or in some other part of the house.

The davenport end table lamps have white alabaster bases, set on square wooden blocks covered with French blue velvet with white roboid shades bound in blue velvet. Other new accessories in the room are the crystal candelabras on the fireplace, the mirror above, brass fireplace hardware, and ash trays and flower bases which are made of white pottery—a striking contrast.

The dining room rug and drapes are the same as those in the living room, which is a wise choice as the rooms adjoin. However, the walls in the dining room are different. They have a wood dado below with paneling above finished with a scalloped wood valance at the ceiling. The curtain valance is wood, painted white, to match the wall paneling. But it is probably the revamped dining

[*Please turn to page 116*]

Everett Rhodes Castle

—by himself

"Born in Cleveland, Ohio, about the time 'After the Ball' was being sung. Came to adolescence with a burning desire to be a cartoonist. Overslid second base and became a newspaper reporter and later reached the third base of journalism—advertising. . . Caught between third and home since 1917, as a writer of short fiction with business, or allegedly humorous backgrounds. Made the pilgrimage to Mecca in 1934, returning after having written the great, if unscreened, motion picture epic."

"My IRON FIREMAN deserves all that other people have said about him"...**Everett Rhodes Castle*

PEOPLE are saying that Iron Fireman automatic coal heating is the sure way to get plenty of heat; that it is clean; that it is convenient; that there is no smoke or soot; that the fuel cost is about half as much as other forms of automatic heating; that it is cheaper than hand-firing.

Thousands of alert business men and happy home owners are saying these things to express their gratitude at having discovered Iron Fireman.

Iron Fireman enterprise, research, design and engineering have led the way in the development of automatic coal burning equipment.

Iron Fireman resources and nation-wide organization stand today as the owner's assurance of complete satisfaction and the greatest possible value for his money. Why don't you check up on the advantages of Iron Fireman over your present firing method? Call your Iron Fireman dealer for free firing survey or send coupon.

No Coal Handling

Iron Fireman's *Coal Flow* model has changed the entire picture of residential heating. This machine conveys coal direct from bin to fire. There is no coal to handle—no dirt—no dust. From raw fuel in the bin to heat units in the furnace or boiler, coal is an invisible, self-serving fuel. *Coal Flow* models are made for bituminous and anthracite coal. All sizes from small heating plants up to commercial boilers developing 500 h.p. Sold on convenient monthly terms.

Residence of Everett Rhodes Castle, the well-known author, 16800 South Woodland Ave., Cleveland, Ohio. *Architects:* F. B. Meade and J. M. Hamilton.

*
"The highest praise I can bestow upon your automatic coal burner," says Mr. Castle, "is to say that for close temperature control, regardless of weather, for economy of operation and general heating satisfaction, my Iron Fireman deserves all the things other people have said about him."

IRON FIREMAN

Portland, Oregon; Cleveland, Ohio; Toronto, Canada. Dealers everywhere

IRON FIREMAN MANUFACTURING CO.
3183 W. 106th Street, Cleveland, Ohio.

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Type of plant: ☐ Commercial heating ☐ Power ☐ Residential

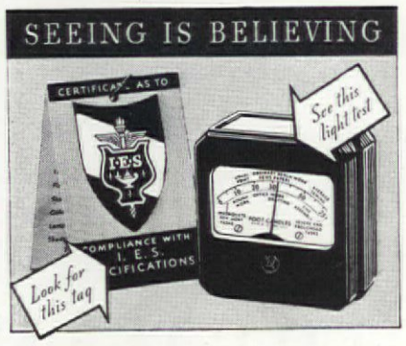
Name..... Address.....

City..... State.....

The most precious things in the world are those things that money simply cannot buy. Sight is one of them. That's why I. E. S. Better Sight Lamps belong among the world's greatest bargains.

These lamps are designed to protect your eyes. And they do it by providing several times more light than the ordinary lamp. Yet this *stronger* light is soft, glareless and easy on the eyes. "I. E. S." stands for the Illuminating Engineering Society, creator of the sight-saving specifications now combined into smart new models for every home purpose.

Every home needs I. E. S. Better Sight Lamps. See them. See how much more comfort light they provide. See them wherever lamps are displayed. For an interesting book, "Seeing is Believing", write Westinghouse Lamp Div., Westinghouse Electric & Mfg. Co., 150 Broadway, New York, N. Y.



When buying a lamp, ask for the Light Meter test. See for yourself how much more light these new lamps bearing the I. E. S. Certification Tag provide.

Westinghouse
MAZDA LAMPS

Booklets to help you

PART I

ERNEST EBERH

INSULATION AND WALL BOARDS:

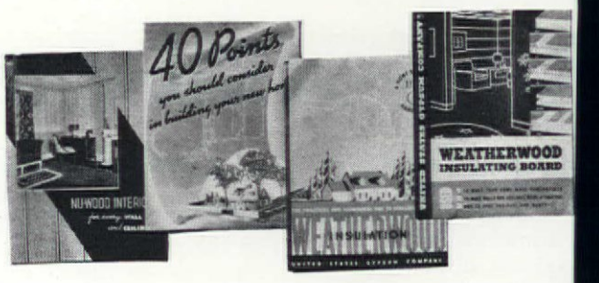
It is pleasant to be able to buy things and not have them cost anything. But that's exactly what happens when you have the walls and roofs of your house insulated, to say nothing of the floors over an unexcavated portion. For your fuel bill goes down, as the insulation helps to keep the cold out and the comfortable warmth in, and so in the long run insulation really doesn't cost anything. There are several types of insulation; one packs in between the walls, another goes into the walls as a sort of blanket, another acts on the heat reflecting principle, another furnishes a plaster base, and another is used as a wall and ceiling finish either plain, paneled, or with stenciled decorations. In some cases, the type used for plaster base is also suitable for decorative purposes.

The Celotex Corporation has issued a booklet on insulation called, "What the Celotex 10 Point Life of Building Guarantee Means to You." This tells how Celotex is made, gives pictures of various types of buildings in which Celotex is used, explains its insulation value in comparison to other types of materials and outlines savings possible which in course of time will pay for the insulation, describes the Celotex guarantee against destruction by termites or dry rot, etc., and explains why this insulation is guaranteed absolutely for the entire life of the building.

An insulation handbook has been prepared by The Insulite Company; it is called "Building for the Future," and explains when and how to insulate, where to apply Insulite for best results, and describes its use for sheathing, as an insulation, as a plaster base and for interior decoration. Also tells about Insulite Hard-Board, Insulite PanelTile, In DualBoard, etc., and co many illustrations showing tural use and decorative bilities. Accompanied by a visualizing the savings in when Insulite is used in v parts of the house.

Fir-Tex for insulation, in finish, and sound proofi described in the booklet, Tex, Nature's Gift from the Northwest Woods." Illustr in color show its use as a base or interior finish in pl wall insulation, and pictu decorative possibilities of th terial in various rooms. Co illustrations of buildings in it was used.

A blanket type of insu called "Balsam-Wool," ma the Wood Conversion described in the booklet "B Wool 'Sealed' House Insul It explains the ½ inch, on and wall-thick types of B Wool, tells how to judge sulation material, and gi reasons why Balsam-W wind-proof, fire-resistant, and vermin-proof, per and easily and securely f Illustrated by pictures of i and exteriors, and by det



struction pictures and d

"Nu-Wood Interiors f Wall and Ceiling" is the a booklet illustrated i which also is published Wood Conversion Com pictures the decorative ties of this wall boar comes in sheets, in plank tile form. Various colors tures in which the board are illustrated, most o lustrations being pictur teriors laid on a f reproduction of the typ Wood used so that th and pattern of the boar

"Sorry, Ma'am

They're rusted through; couldn't have happened with Anaconda Copper Tubes"

is modern *low cost* copper piping ets a new standard of value...

housands of homes, new and old, Anaconda per Tubes are giving better and more eco- ical service than rustable piping ever gave! your hot and cold water lines, these modern rust tubes mean a full, unrestricted flow of r always. Replacements of rust-clogged or ng pipe are ended once and for all.

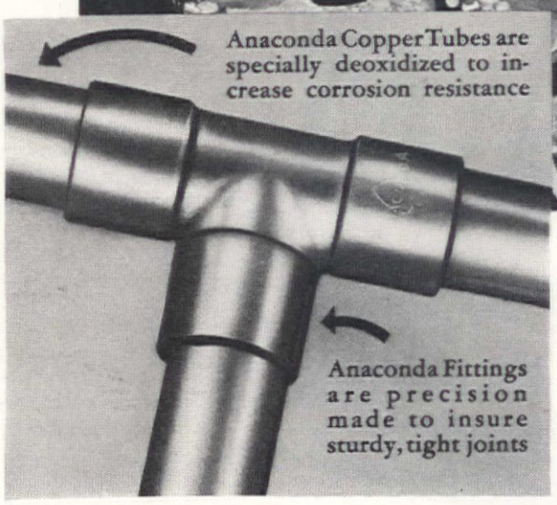
ldered joints, instead of "screw-type" connec- , eliminate threading. *Thus these copper tubes thinner walls than ordinary piping. This reduces nd gives you the lifetime permanence of copper for more than you would pay for rustable material.*

For heating systems

onda Copper Tubes are decidedly more nt. Heat losses are cut way down; circula- s speeded up! You get more heat, *faster!* ir conditioning, too, you need these to assure permanent, rust-free service.

Specify Anaconda

re to insist on *Anaconda* Copper s. They are deoxidized by special proc- increase corrosion resistance and ve physical properties. Anaconda Fit- are precision made to insure sturdy, joints. Get complete information these and all other Anaconda Prod- or the home *before you build.* 8701



THE BEST BRASS PIPE

For standard-size pipe with conventional threaded connections, Anaconda "85" Red-Brass is the highest quality corrosion-resisting pipe commercially obtainable.

FREE! "Copper, Brass and Bronze in the Home" tells of important ways in which Anaconda Copper products bring permanence to your home. Send for your copy.

Anaconda DEOXIDIZED Copper Tubes

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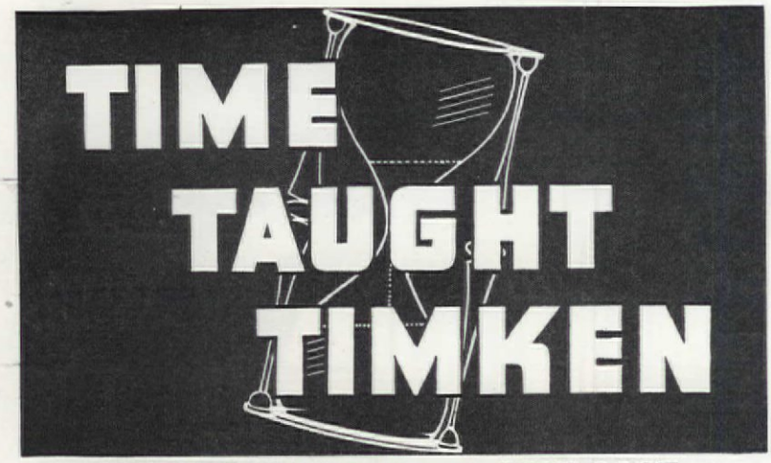
Offices and Agencies in Principal Cities • In Canada: ANACONDA AMERICAN BRASS LTD., New Toronto, Ont.



HOW TO BUILD GOOD LOW-COST *Air Conditioning* FOR YOUR NEW HOME

The basis of good air conditioning is dependable, automatic heating. Because Timken has engineered more oil heating equipment than any other manufacturer, Timken assures you complete satisfaction . . . *quality* air conditioning that you can easily afford. See the newest models at your nearest Timken Dealer.

Timken engineers apply the broadest experience in the industry to designs and plans for high-efficiency, low-cost heating and conditioning. Before your Timken is installed, the job is engineered, laid out and specifications written by the Factory Engineering Department. This service is free to Timken purchasers.

Timken air conditioning sets a new standard for home comfort. Even temperatures. Clean, fresh, properly moistened air circulated for healthy indoor living. Complete change of air six times hourly.

Timken alone offers such engineering triumphs as the wall flame, the chromium steel flame-rim, and one moving part—features that make for matchless silence, dependability, thrifty operation and long life. *Time and 140,000 installations taught Timken.*

TIMKEN *Silent Automatic*

A Complete Line of Oil Heating Equipment

Rotary Wall Flame Burners . . . Pressure Type Burners . . . Oil-furnaces . . . Oil Boilers . . . Air Conditioning Units . . . Water Heaters

Clip and Mail TODAY!

TIMKEN SILENT AUTOMATIC DIVISION,
The Timken-Detroit Axle Co., 310 Clark Ave., Detroit, Mich.
Please send me—without charge—details of how I can enjoy good air conditioning within my budget.
Name_____ Address_____
City_____ State_____

visualized in connection with the particular illustrations shown.

"Sheetrock in Wood Grained Finishes" contains reproductions in actual colors of various kinds of wood on a backing of Sheetrock Wallboard, such as knotty pine, douglas fir, walnut, and matched walnut panels. The way in which this material is given its attractive and natural appearance is explained together with the reasons why it is fireproof. It explains how Sheetrock can be used in either new or modernizing work, describes manner of application and finishing, and contains a number of illustrations showing its use and decorative possibilities.

"40 Points You Should Consider in Building Your Own Home" is a most helpful booklet issued by Johns-Manville. In addition to showing how the use of Johns-Manville building materials provide a triple insulated house, it covers the basic points about building that are essential and gives suggestions on financing, explains what you can expect from an architect, shows how a house should be properly framed, etc. It also gives helpful hints for room arrangement, and pictures the various styles of architecture so that it becomes easier to explain to an architect exactly what is wanted. The advantages and use of Johns-Manville insulation board for sheathing is explained, as is Steeltex plaster base which has a fibrous backing, and J-M Rock Wool to provide a wall filling insulation which eliminates hollow spaces in the wall and is a protection against fire hazards. The use of J-M insulation board in various patterns and textures for decorative purposes is pictured and explained, a number of the illustrations being in full color. There are many fine suggestions for the use of J-M insulation boards in attic and basement recreation rooms, also for J-M asbestos wainscoting and J-M Asbestos Flexboard in various colors for walls of kitchens and bathrooms.

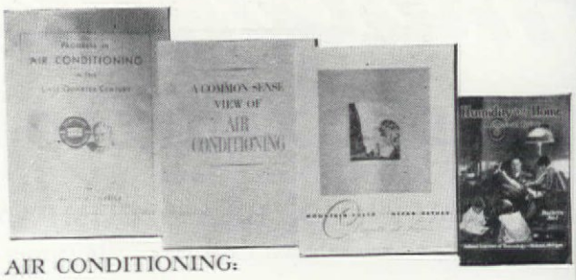
"Weatherwood Insulation," made by the United States Gypsum Company, is described in a booklet which tells about the practical and economical way to insulate the home. In simple, nontechnical language it explains the places where insulation is needed and why. The five kinds of Weatherwood insulation are described—board, sheathing, tile, and plank, together wit colors and textures in Weatherboard may be had. print illustrations show Weatherboard is applied, there are a number of pi showing possible effects. A panion piece, "Weatherwoo sulating Board," particularl cerns itself with insulation as an insulation and as a d tive finish, and gives the a temperatures in various during the heating season.

AIR CONDITIONING:

WHAT is air conditi The term is one muc used, and may not at all what one thinks it mean conditioning means first an important, heating the ai ond, adding moisture; cleaning the air. Comple conditioning includes the of equipment to cool the summer and to de-humid —that is, to take moisture it so that there is less hu in the house. Properly cond air is more comfortable, winter temperatures are p and the house will be muc comfortable than if the te ture is quite a bit higher, means a real saving in fue

In the past few years during the past months have been many develo "Progress in Air Conditio the Last Quarter Centur Willis H. Carrier, presiden Carrier Corporation, is a presented before the A Society of Heating and V ing Engineers. It discuss plete air conditioning, in cooling, and gives pict types of equipment use Carrier Corporation also es booklets on winter ai tioning, Carrier home either gas or oil; and the oil burner.

"A Common Sense View Conditioning," is the tit booklet issued by Stand Conditioning, Inc., divi American Radiator & S Sanitary Corp. It describ types of room units for homes, one of which cools removes excess moisture, culates the air. A seco brings in fresh outside a it and silences outsid which ordinarily come in an open window, suppl ture and works with the



AIR CONDITIONING:

OMES THAT ARE CHEERFUL ...

Sparkle WITH Glass

Paul MacAlister Inc., A.I.D.

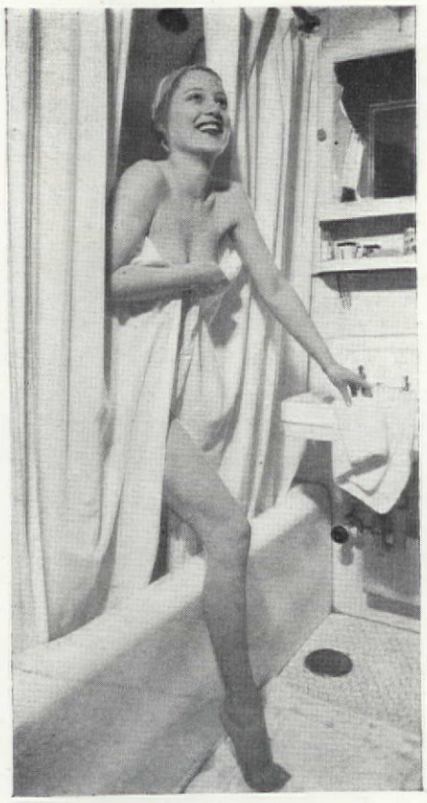
● Nothing adds such a cheerful note in your home as the generous use of glass for both practical and decorative purposes. The dominant characteristic of modern homes is more and larger windows. Sun-spreading picture windows that brighten rooms and allow you to frame your favorite view. And this trend to greater use of glass by no means stops with the windows. Inside, liberal wall areas are planned for mirrors—of either clear or colored glass. The bedroom illustrated here utilizes a beautiful shade of blue mirrored plate to give emphasis to the decorative scheme.

Everywhere in the home, glass finds new uses—table tops—as a trim for doors, windows, fireplaces. As shelving for the corner cupboard or wherever there is a desire to banish somber, uninteresting spaces.

In planning your new home, or remodeling your old, you will find many ways in which glass will add attractiveness. Your local L·O·F glass distributor has many helpful suggestions to offer. Libbey·Owens·Ford Glass Company, Toledo, Ohio.

IBBEY · OWENS · FORD

QUALITY GLASS



Air Conditioning

BRINGS HEALTH YOU CAN SEE AND COMFORT YOU CAN FEEL

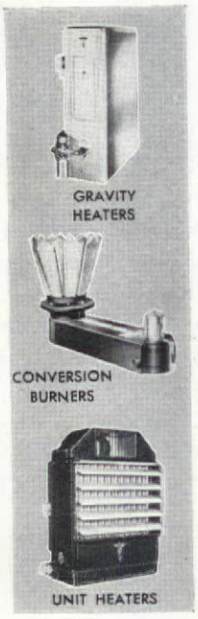
WITH JANITROL *Fully Automatic* WINTER AIR CONDITIONER

● Live glorious winter life in clean, healthy, humidified air . . . Wake up to comfort . . . Step from bath to welcoming warmth in every room . . . Banish uneven heating and dried out air . . . winter ills and doctor bills. Investigate the gas-fired Janitrol Winter Air Conditioner . . . designed by long-experienced specialists in gas heat to give you the latest advancements in complete winter air conditioning.

Be free of basement drudgery. Join the thousands who now heat with gas at ordinary heating costs . . . and enjoy all the advantages of Janitrol winter air conditioning. Ask your Gas Company, or any Janitrol dealer . . . Write for interesting Janitrol booklet.

SURFACE COMBUSTION CORPORATION
TOLEDO, OHIO

JANITROL WINTER AIR CONDITIONER MODEL "CA" provides exclusive modern engineering advances found in no other equipment. Handsome . . . compact . . . it occupies less floor space than the average heating equipment.



Janitrol
WINTER AIR CONDITIONERS

plant in winter. The third type offers complete air conditioning and combines the functions of the two types just described.

"Mountain Fresh . . . Ocean Bathed Climate at Home," issued by the Fox Furnace Company, also discusses air conditioning. It explains exactly what air conditioning consists of, the advantages of properly conditioned air, and illustrates and describes various Sunbeam air conditioning units using oil or gas as fuel.

"Humidity in the Home" is a bulletin issued by the Holland Institute of Thermology which explains how important it is to have sufficient humidity in the home, and how lack of moisture in the air encourages colds and various types of respiratory diseases. It tells how to measure the amount of moisture in your home and how to determine the deficient amount which must be added.

REMODELING:

A NEW home from one that is old is always possible when one puts one's imagination to work. A new roof, new siding, new color schemes, an additional room or two, modernized bathrooms and kitchens, cellars and attics put to good use with the aid of wallboard—there are many possibilities.

A number of such possibilities are explained in "101 Practical Suggestions for Home Improvements," issued by Johns-Manville Corp. It tells how to re-roof for the last time with J-M asbestos shingles, explains the possibilities of the more moderate in cost asphalt shingles, describes the new Cedargrain Asbestos Siding Shingles and Clapboards which can be applied over old shingles or siding. It explains the use and easy installation of J-M Rock Wool Insulation in old houses, etc. Suggestions on fixing up the basement are given, showing the possibilities of J-M insulating board in various textures and patterns; similar information is also given on turning the attic into a real room or two. The use of various decorative boards for dining rooms, living rooms, bedrooms, etc., is described, many of the illustrations being in full color. The booklet also tells how to modernize kitchen walls with J-M Asbestos Flexboard, and how bathroom walls may be modernized with J-M Asbestos Wainscoting in various colors and simulating various mate

"Ideas for Building and I Improvement," issued by the beroid Company, contains a ber of suggestions on rero with various kinds of shi made by the Ruberoid Com such as Eternite Shingle asbestos-cement, Timbertex gles which simulate wood, also various styles and desig Ruberoid Asphalt Shingles. use of similar products fo ing is also illustrated an scribed, for new houses as as for modernizing old ones use of mineral wool for insu purposes is described, also tile asbestos-cement wall for kitchens and bathr The Ru-ber-oid finance p explained, no down payme ing required, various im ments being taken care of this plan in addition to th which Ruberoid materials products in particular ar

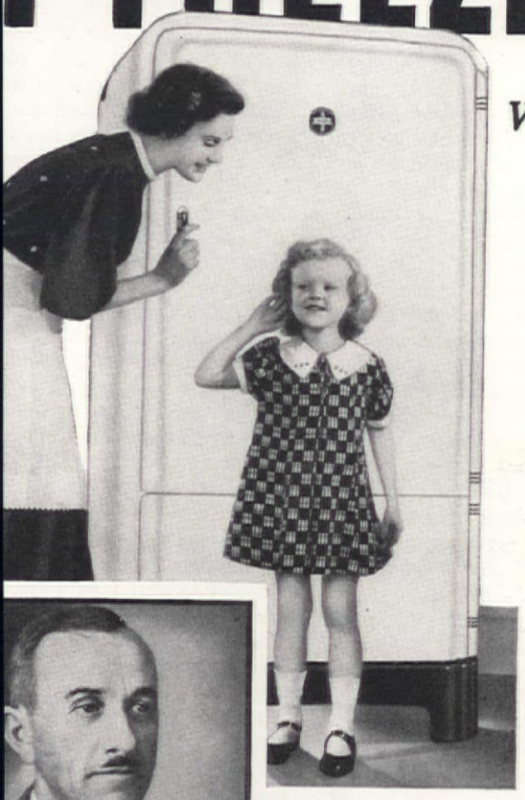
"Modernizing Suggestio a booklet for the homeow sued by the Crane Comp particularly discusses the bilities of modernizing rooms, providing new ones some of the latest ty fixtures, illustrates kitchen ment, etc. There also is i tion about the use of heating systems, provid plenty of hot water, feature is a check list f of the rooms which are i to be modernized.

PLUMBING:

NOTHING seems to so house as the ba and kitchen, yet these ar which can readily be mo in old homes, and which a really beautiful in new or

A number of suggest given in "Planned Plum Heating for Better Liv sued by the Kohler C There are plans and illu in color of several bath several price brackets, a tion for a sunny kitchen interesting lavette. The number of illustrations tories, bath tubs, etc. discusses color and desig rooms. Various kitchen reproduced, together w trations of the newer kitchen fixtures. Kohler oil burning boilers are i and described, as are

MILLIONS SAVE BECAUSE IT FREEZES IN SILENCE



Wherever you go, SERVEL ELECTROLUX *owners are enthusiastic about this modern refrigerator that*

HAS NO MOVING PARTS

Here's why it is silent and different and why this means more years of money-saving refrigeration for you!

EVERYONE can appreciate what the permanent silence of a Servel Electrolux means in terms of *comfort*. But owners have found that comfort isn't the *only* reason for prizing this noiseless operation—nor the most important one!

A far bigger reason is the promise it gives of exclusive advantages that save you money year after year—for its cause is a basically different refrigerating system that has *no* moving parts! A tiny gas flame circulates the refrigerant, which produces cubes of ice and *constant* cold.

Think how you profit by this amazing simplicity which *distinguishes* Servel Electrolux from every other refrigerator. It means the same remarkably low operating cost and a minimum of upkeep throughout its long life. And it means continued economies on food bills and leftovers. These savings you get with a Servel Electrolux are *real* savings—important enough to actually pay for it.

It's important to you, too, that the great American gas industry endorses this modern refrigerator, and that your own gas company backs and services every one it installs.

The beautiful new Servel Electrolux models are now on display at your local gas company or dealer showroom. See them this week—inspect them carefully! You'll be pleased to learn how easy it is to own a modern gas refrigerator on a convenient purchase plan.

* * *

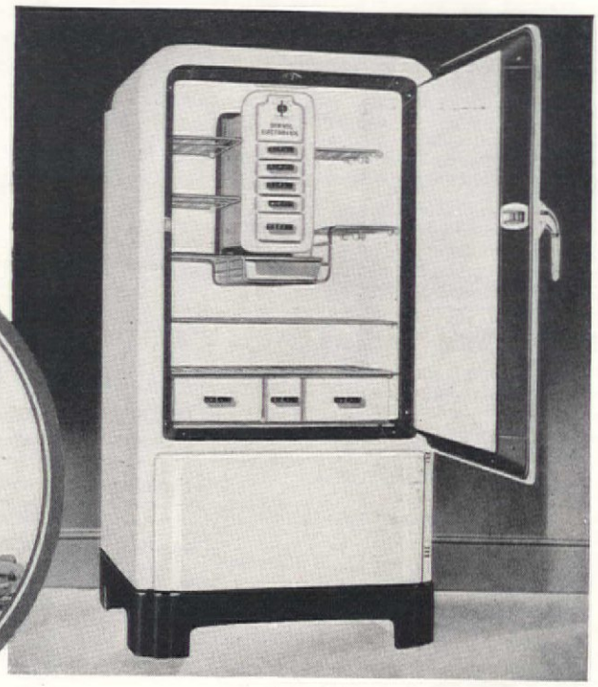
For farm and country homes, it runs on kerosene or bottled gas

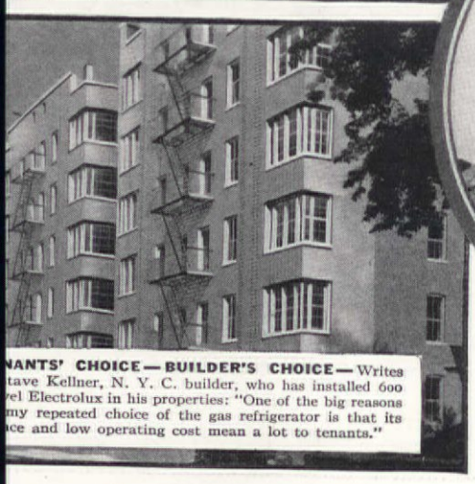
No matter how far you live beyond the gas mains, you can still enjoy the same modern refrigeration that Servel Electrolux brings to fine city homes and apartments everywhere. Write for details. Servel, Inc., Servel Electrolux Sales Division, Evansville, Indiana.

T A MOMENT'S TROUBLE YEARS with our Servel Elec- ," reports H. Schneider of in, Nebraska. "What's more... tinues to cost little to run."

"IT'S SILENT AND SAVES US MONEY EVERY MONTH"—That's what women the country over will tell you about Servel Electrolux. Not only does its simpler, noise-free operation save on refrigeration cost and upkeep, but it saves as well on food bills and leftovers—assures constant protection year after year.

HOLLYWOOD APPRECIATES THE COMFORT OF SILENCE—For their homes and for their pictures, Hollywood's actors and directors choose Servel Electrolux, the silent refrigerator. Here are Doris Nolan and George Murphy, stars of the new Universal musical production, "Top of the Town," with the beautiful 1937 Servel Electrolux Refrigerator.





NANTS' CHOICE—BUILDER'S CHOICE—Writes tave Kellner, N. Y. C. builder, who has installed 600 vel Electrolux in his properties: "One of the big reasons my repeated choice of the gas refrigerator is that its ce and low operating cost mean a lot to tenants."

THEY HAD TO HAVE DEPENDABLE REFRIGERATION! Keepers of the Ship John Light—famous old lighthouse in Delaware Bay—guard their food in a Servel Electrolux, operated on bottled gas. Because it has no moving, wearing parts, this modern refrigerator assures dependable low-cost protection year after year.

SERVEL ELECTROLUX

THE *Gas* REFRIGERATOR

Whatever Type of Home You Build, Keep Guesswork Out of Your Plans...

INSIST ON CELOTEX GUARANTEED INSULATION

Guaranteed in Writing for the Life of the Building

THERE'S no gambling on lasting comfort, health protection and fuel savings when you insulate with Celotex. For Celotex combines 10 great advantages—and all 10 are guaranteed in writing for the life of the building!

Celotex nails direct to the framework, provides bracing strength, fits tight and stays put. It leaves "breathing space" in the wall to prevent decay. And it is protected against termites and dry rot by the patented Ferox Process.

The new Celotex Vaporseal Insulating Sheathing, for use outside the framework, is marked for proper nailing, and is waterproofed, sealed in asphalt on both sides and all edges, and additionally sealed against vapor by a special aluminum compound on one side.

Celotex Insulating Lath, applied inside the framework, takes plaster easily and smoothly—holds it firmly—and permanently prevents ugly lath marks.

Don't gamble! Insist on Celotex. See your architect—and consult your Celotex dealer—for accurate, impartial, money-saving advice. And mail the coupon now for helpful free booklets.

Celotex outside *the framework replaces ordinary sheathing—gives strong, wind-tight walls*

Celotex inside *the framework eliminates other lath—gives stronger, smoother plaster walls*

These 10 Vital Points are Covered by a Written Contract with YOU:

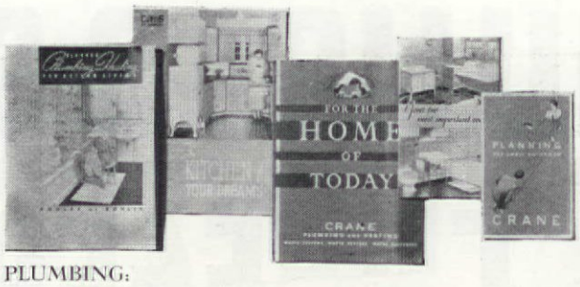
1. CELOTEX IS GUARANTEED *to Maintain Insulating Efficiency for the Life of the Building!*
2. CELOTEX IS GUARANTEED *to provide Structural Strength!*
3. CELOTEX IS GUARANTEED *to give Lasting Fuel Economy!*
4. CELOTEX IS GUARANTEED *against Destruction by Termites!*
5. CELOTEX IS GUARANTEED *against Destruction by Dry Rot!*
6. CELOTEX IS GUARANTEED *to be Water Repellent!*
7. CELOTEX IS GUARANTEED *to Reduce Noise!*
8. CELOTEX IS GUARANTEED *not to Settle away from the Framework!*
9. CELOTEX IS GUARANTEED *against Loss of Insulation Efficiency upon Painting or Plastering!*
10. CELOTEX IS GUARANTEED *to meet Dept. of Commerce Commercial Standards and U. S. Federal Specifications!*

The Celotex Written Life-of-Building Guarantee, when issued, applies only within the boundaries of Continental United States.

CELOTEX
BRAND—INSULATING CANE BOARD
Reg. U. S. Pat. Off.
World's Largest Manufacturer of Structural Insulation

THE CELOTEX CORPORATION AH 4-37
919 N. Michigan Ave., Chicago, Illinois
Without obligation, please send me your booklet, "What the Celotex 10-Point Life-of-Building Guarantee Means to You." Also information on New Home Building ☐ Remodeling ☐ Farm Buildings ☐

Name .....
Address .....
City ..... *State* .....



PLUMBING:

pany's convectors and radiators.

"The Kitchen of Your Dreams" discusses the planning of an efficient kitchen, particularly with the use of kitchen cabinet units made by the Curtis Companies, etc. Drawings show of exactly what each unit consists.

"For the Home of Today" illustrates Crane plumbing and heating, water systems, water heaters, and water softeners. The illustrations, many of which are in color, show various bathrooms and types of fixtures used therein, Crane shower heads, pictures of kitchens and kitchen equipment, laundry fixtures, etc. Two pages are devoted to water supply equipment for country homes.

"Your Two Most Important Rooms"—the bathroom and kitchen—are the subjects of a booklet issued by W. A. Case & Sons Mfg. Co. Various types of bathroom and kitchen plumbing equipment are illustrated and are fully described.

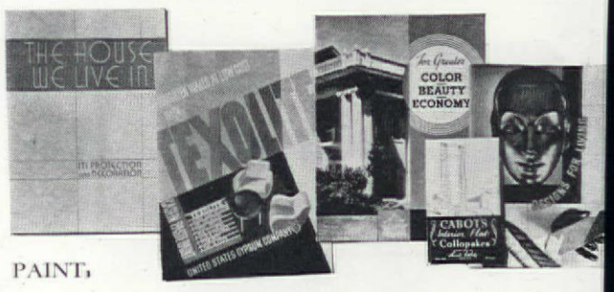
"Planning the Small Bathroom" is a most interesting little booklet of the Crane Company which gives plans of small bathrooms and shows how one can be fitted even into a very tiny space. Suggestions are given which indicate that closets, unused halls, and other spaces which might ordinarily be overlooked can be turned into a bathroom or lavatory, particularly with modern compact equipment available.

in full color with many pi showing possible exterior ar terior color combinations. issued by the National Lead pany, and all, except one devoted to the advantag Dutch Boy paint, is conc with helping an owner t paint to better advantage. are a number of fine sugge which an owner should whether he be building a home or re-painting an ol and which will help him his full money's worth, pa larly from the standpoint o tection of the material c by the paint.

"Brighten Walls At Low with Texolite" discusses T Casein paint made by the U States Gypsum Company, has great hiding power and fore covers average surface one coat, is highly reflecti brilliant in color, and dries hour. Chips show the col which Texolite is made.

"For Greater Color, B Economy" describes a new for paint made from Tur an ancient Chinese preser by the O'Brien Varnish pany, and called Therm Tung Oil. The booklet gi results of tests, and sho possibilities of this paint terior and interior use.

"Cabot's Interior Flat pakes," issued by Samuel Inc., describes the advant



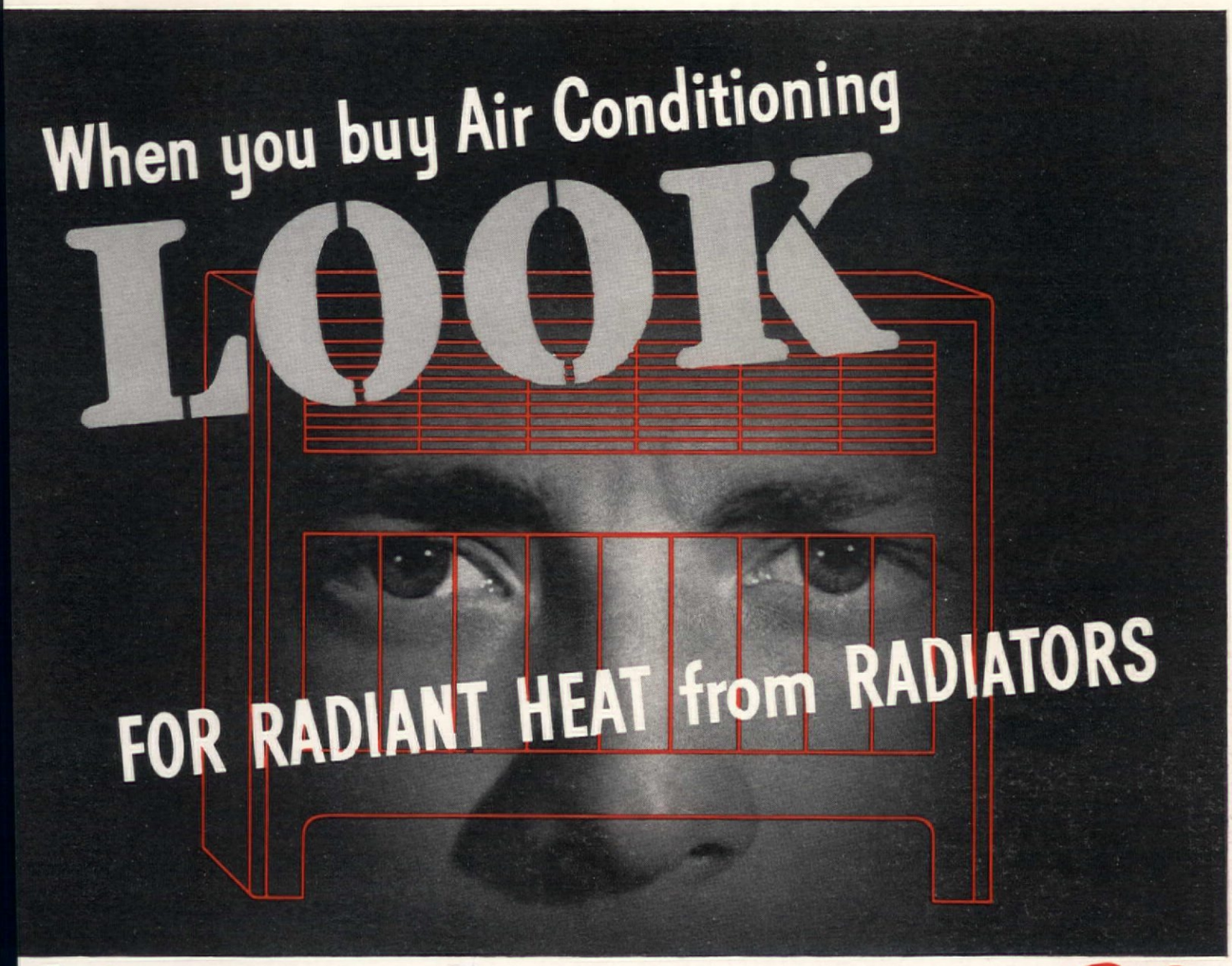
PAINT:

EVEN a comparatively new house looks shabby and down at the heels unless the paint is clean and in good condition, and many an old one needs but a freshening to be able to hold its head up with the best of them. Besides, painted surfaces should be kept well painted, as otherwise damage may result since paint is not only a decorative material but also is an essential protective material.

"The House We Live In, Its Protection and Decoration," is a beautifully illustrated booklet

this paint, tells how to the surface for painting, a tains chips showing the c which this interior paint i

Illustrations in full c various rooms are conta "Designs for Living," is the Pittsburgh Plate Gla pany, which will interest intending to build or mo The decorative possibil mirrors and plate glass a trated and described fo living rooms, etc. The Carrara glass for kitch bathrooms is also explai



Only AIR-CONDITIONING + RADIANT HEAT *can assure your* P.C. (PERSONAL COMFORT)

AY, the most important thing about onditioning is the Plus Sign that has added unto it by American Radiator neers . . . air-cleaning, air humidifica- and air circulation are not enough . . . emselves they are a great story, but *by* nselves they are not a complete story no home can be thoroughly air-condi- ed without the RADIANT HEAT which is Plus Sign of **P**ersonal **C**omfort!

DIANT HEAT is identical with sun-ray . . . gives you loving warmth at a living . . . halts window drafts, stays close to oor, and the radiator can be concealed u wish . . . but there's no concealing dded **P**ersonal **C**omfort that accrues it! . . . IT'S JUST GREAT!

n American Radiator Conditioning System can also be operated independent of the heating plant, so as to give you air-conditioning in mild weather, and on cold days your heating system is not dependent upon circulation fans. Most important of all, this system brings into your home the abiding service, the sound economy, and the security of the world's most famous heating foundation:

AMERICAN RADIATORS & IDEAL BOILERS

For complete **P**ersonal **C**omfort only RADIANT HEAT can make air-conditioning complete. And only small monthly payments are necessary to enjoy it. Call your heating contractor . . . or mail this coupon NOW.

NO OTHER AIR-CONDITIONING SYSTEM HAS THIS GRAND TOTAL OF ADVANTAGES

1. **RADIANT HEAT** ..*Personal warmth at floor level.*
2. **HUMIDIFICATION** ..*Moisture for the membranes.*
3. **CIRCULATION** ..*Fresh air without stale odors.*
4. **AIR-CLEANING** ..*Filters out dust, germs, pollen.*
5. **VENTILATION** ..*Fresh air free from drafts.*
6. **SURE HEAT** . . . *Radiators always dependable.*
7. **CONSTANT HOT WATER** ..*Just a part of the system.*
8. **SUMMER COOLING** ..*If, as and when you desire it.*
9. **DEPENDABILITY** ..*From 45 years' experience.*

To locate nearest American Radiator dealer look in your classified telephone directory under "Air Conditioning Contractors" or "Heating Contractors."

New AMERICAN RADIATOR CONDITIONING SYSTEMS

BRING IN FRESH AIR • ADD HUMIDITY • CLEAN THE AIR • CIRCULATE THE AIR • GIVE SUN-LIKE RADIANT HEAT • WARM EVERY ROOM EVENLY • SUPPLY YEAR-'ROUND DOMESTIC HOT WATER

N IN! American Radiator Fireside Recital . . . every Sunday 7:30 P. M. E. S. T. WEAF-NBC Network

AMERICAN RADIATOR COMPANY
DIVISION OF AMERICAN RADIATOR & STANDARD SANITARY CORPORATION
44 West 40th Street, New York, N. Y.

Send your free book, "This New Comfort", telling how I can get more P. C. from air conditioning.

Name _____
Address _____
City or Town _____ *State* _____

© A. R. Co. 1937 AH 4

"Three-Course Menu"

FOR DINING-ROOM WINDOWS

ARE YOUR dining-room windows just as "appetizing" and satisfying as your sparkling table set with clean linen and crystal? "The well-dressed window wears a fresh cloth shade" . . . and the modern window shade of processed cloth, blending with your drapes in tone, helps decorate the room while admitting the maximum of softened sunlight for healthy plants and happy family. Make sure about getting *processed cloth shades*—they're woven on a loom, processed and colored to make them soft-toned and long-lasting. A better buy for every window in your home. You'll find them wearing this Seal of The Window Shade Institute, 500 Fifth Avenue, New York.

Genuine CLOTH Window Shade

WINDOW ENSEMBLE BOOKLET

FREE! First of its kind! A new book, entitl "Well-dressed Windows," written by Miss Charlot Eaton, Associate Editor, *The American Home* . . pictures, ideas, color-schemes. Get a copy *free* at yo department store or window shade shop. Or send th coupon and 10c, to cover cost of mailing, to

THE WINDOW SHADE INSTITUTE
Dept. AH-2
500 Fifth Avenue, New York

*Name*_____

*Street*_____

*City*_____ *State*_____

klet discusses the possibilities paint, and contains many il- rations in full color of houses now color combinations possi- with Wallhide paint. The use Waterspar, a new one-coat k drying enamel, is also de- ed and suggestions given on ting old furniture so that it look fresh and rejuvenated.

Morse & Co., describes shallow and deep well pumps, diagrams and describes various types of installations, etc. It also shows how to get hot water under pressure.

"Rice In a Child's Diet" was prepared by the Home Economics Department, Southern Rice Industry, and gives worthwhile information not only on the use of

TER CONDITIONING and IMPORTANT "MISCELLANEOUS":

D YOU know that the use of softened water will make complexion better, give your a lovelier sheen, make it pos- to wash clothes so that they be cleaner and whiter, and make food cooked in it r and more digestible? It and "The Magic of Won- oft Water" is explained in ooklet published by the utit Company, which also bes the equipment made by ompany to clean and soften It tells why your clothes ast longer and look better washed in softened water, it will make your heating more effective by removing vater deposits that form in pipes and radiators, and how an average family of will save $117.20 a year if softening equipment is There is a complete analy- nparing soft and hard water hard water toughens vege- impairs the flavor of tea offee, makes it harder to clean looking dishes, etc. A nion piece, "She Sent Slaves to Gather the Dew," tells n Emperor's daughter mar- the Doge of Venice found mplexion fading from the vaters of Venice, and had ves gather the dew so that ght have soft water to re- her fading beauty. Much romantic and interesting given.

w to Find the Shade of Powder That Will Make ook Younger—Not Older" booklet issued by Lady which gives exactly the f information valued by who always want to ap- t their best—and what doesn't?

ou live out in the country, n to buy where there is nicipal water supply? The nks-Morse Home Water " issued by Fairbanks-

rice and its proper preparation, but also contains menus for children of various ages, prepared by P. Mabel Nelson, Head of Foods and Nutrition Department of Iowa State College. There is a page of rules for buying foods for children, another on general rules on cooking for children, and a number of recipes in which rice is used.

"Wings" is the title of a monthly publication issued by the Literary Guild of America. It tells all about the new books of importance, contains reproductions of etchings and various pictures.

Are you planning to buy a new home? "Colonial Charm and American Horse Sense" is a booklet issued by Harmon National Real Estate Corporation. It contains pictures and descriptions of a number of houses built by this company in its various developments in metropolitan New York, where plots are large and architecture of exceptional high quality. A companion piece is a picture map in full color, which shows the location of the various Harmon developments in Westchester, New Jersey, and on Long Island.

The manufacturers of Certo (the aid for all good jelly makers) have a handy little booklet of cheery red and white labels for your blackberry, cherry, currant, grape, peach, plum, raspberry, strawberry jams and jellies. There are two sheets of blank labels too so your own special varieties of jams and jellies won't have to go unchristened either. From General Foods.

Please

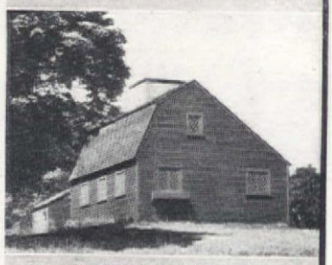
When requesting help with your decorating problems send a simple floor plan giving dimensions, exposures, and showing door and window openings.

—Decorating Editor

to Accent the
Natural Beauty
of Wood Shingles

(Above) House in Chatham, N. J. All shingles stained with Cabot's Shingle Stain. Architect, William Martin Pereis

Don't hide the natural beauty of wood shingles under a painty film. The clear, texture-revealing colors of Cabot's Creosote Shingle Stains emphasize the beauty that has made wood a favorite building material for centuries . . Use Cabot's Stains, and you will be proud of the appearance of your house—not just this Spring — but for years to come. Their original beauty is mellowed and enhanced by passing time; and they still offer many seasons of service at the time when, ordinarily, you would be faced with the expense of re-finishing. Furthermore, they add years to the life of the house itself. Their vehicle is of pure creosote, the best wood preservative known.



House in Winchester, Mass., of traditional New England architecture. Weathered appearance obtained by use of Cabot's Weathering Gray Stain. Architect, Jerome Bailey Foster.

Tea house on an estate in Dutchess County, New York, with green shingled roof and gray walls stained with Cabot's Creosote Stains. The architect is Roswell F. Barratt.

This Booklet FREE

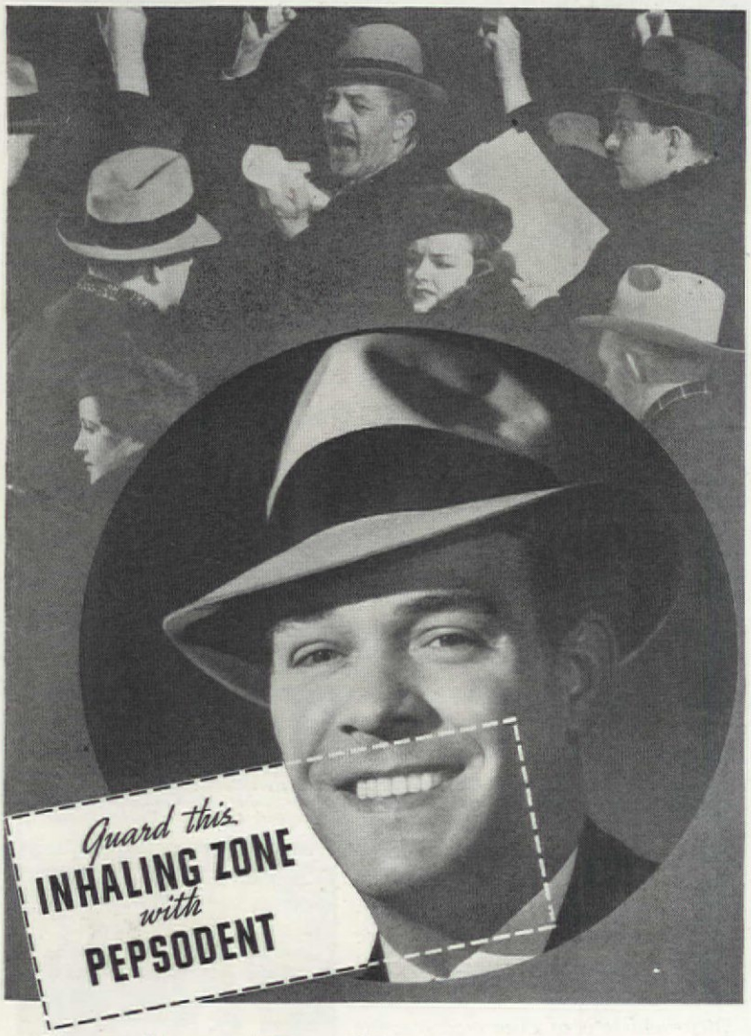
Write today for *Stained Houses,* a brand-new booklet, rich in ideas for the owner (or prospective owner) of a shingled or clapboard house. It shows many photographs of stained houses, and contains full information about Cabot's Stains. Address Samuel Cabot, Inc., 1232 Oliver Bldg., Boston, Mass.

A country house in Devon, Penna. For beauty and protection, the extensive shingled roofs are stained with Cabot's Creosote Stains. Architects, Tilden, Register & Pepper.

Cabot's Creosote Shingle **Stains**

and Cabot's Heavy-Bodied Stains

Most Colds are INHALED!



It's the 10-second Germ-Killer, *even diluted with ⅔ water*

PEPSODENT ANTISEPTIC

Makes your dollar go 3 times as far

• How do germs enter your body? How do colds start?

"You inhale most colds!" say authorities. Millions of germs are breathed-in every day of your life! Then, when your resistance is low, they have their chance to attack . . . to infect sensitive throat membranes!

Kill the germs

The health of yourself and your family may depend on this safety measure. Gargle twice daily with Pepsodent Antiseptic. It's the 10-Second Germ-Killer! – your protective aid against colds and sore throats resulting from the common cold.

Get over colds twice as fast

So effective is Pepsodent that, in tests on 500 people, Pepsodent users got rid of colds twice as fast as others! Results were so clear cut that there's no argument as to what you may expect! What's more, Pepsodent is "the thrifty antiseptic" – one of the most economical you can buy. For it is a 10-Second Germ-Killer even when diluted with ⅔ water. Thus Pepsodent lasts 3 times as long as other leading mouth antiseptics and makes your dollar go 3 times as far.

Discipline is not repression

[*Continued from page 25*]

who moves through university halls in obedience to bells, who must elbow thousands and keep to the right, who studies the laws to live within them; he would see a man who is so conditioned to obedience that he obeys even symbols of authority. He would see a child who has been persuaded and tolled and pampered, a child who has been encouraged in "self expression," a child who has formed the habit of doing as he wills, regardless of his crowding neighbors. Modern Parent, who has experience and should have judgment, is meekly obedient to a thousand customs and laws, and his son, who has little experience on which to base judgment, has not been disciplined.

Do we really believe that Tommy will not have to be disciplined in this super-organized, super-disciplined world? We are crowded as never before. The telephone, the telegraph, the radio, the trains, the busses, the airplanes, make us neighbors whether we want to be or not. And customs and laws grow stronger and reach farther. Yes, the child will have his discipline. The only decision Modern Parent has to make is whether or not he is willing to teach obedience that must be taught at home or in the less friendly world outside. A man must give his son kindly social conditioning or expose the boy to unsympathetic outside disciplining.

It is a gritty truth that the child who has never learned obedience at home must break and remake his habits after he leaves home. That is a painful business, as anyone who has tried it knows. With a thousand habits of "self expression" to be broken and many new habits of self control to be formed, the child is bewildered and rebellious.

Try to break an unsocial habit you formed when you were a child, try it and find your sympathy for the child whose parents believe that "so long as Tommy's spirit is not broken, he will find a way for himself, a better way than we have known." Try to break any habit and automitize a new way of thinking or feeling or acting. It is painful and almost impossible, isn't it? No man who has had to discipline himself mightily to cure faults he should not have been allowed to develop will ever so burden his child.

"But," we say, "How can we be sure that discipline is wise. We have so little wisdom." We can never be sure, and our doubts will always gallop along beside us—if we have the wisdom to be fearful that we are not wise enough to demand obedience of the si est child. It is only the hu who should be trusted to ad ister discipline.

One thing, though, we can lieve, because it is true al without exception: disci thoughtfully and sparingly g will be, in this law-ridden w more helpful than hurtful. child does not need to feel th your commands are just; he only to believe that your ex ence has given you more wi than he has, and that you trying to use that wisdom fo good. All law is not just, an citizen who is too rebellious stroys himself. To the indiv law is often unjust. We all f aggravating to stop at a red when there is no cross tr small conventions often wrec large plans; and there are when punching the time only sets a need to punch the who first thought of a time That will be Tommy's lot a ours. If he can believe in the wisdom of law, if he can f habit of obedience to auth that would be just, he w spared rebellion that is de tive. He must learn to a without aggravation disc that is not pleasing.

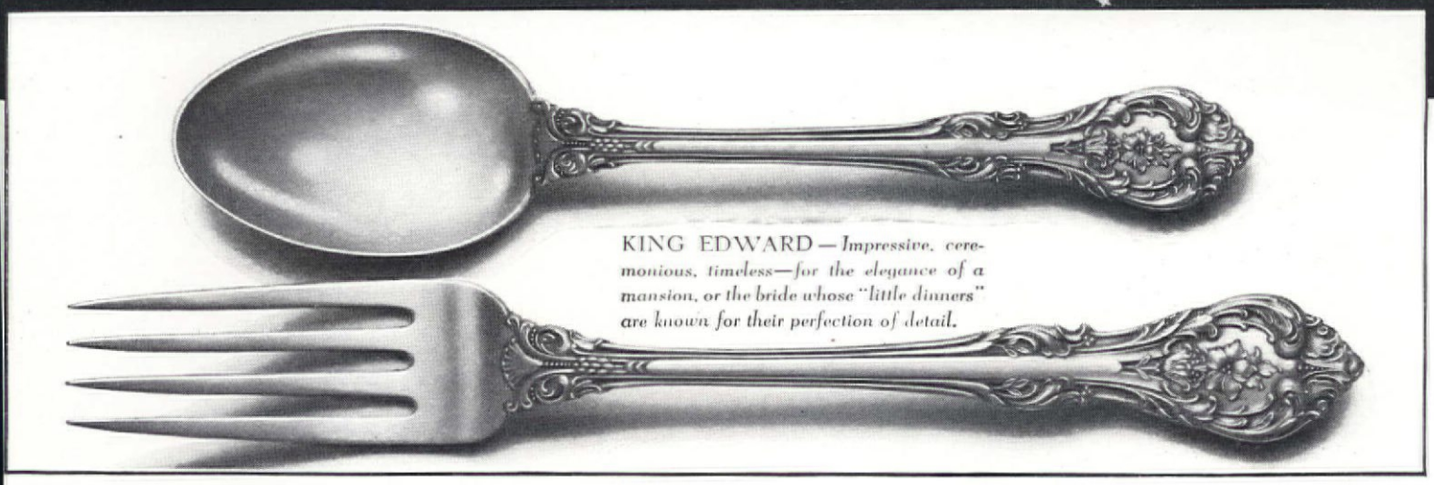
It is cheering to know that is a healthful discipline tha not break Tommy's spirit. I it can stiffen the spirit, no stubborness that comes of in ity, but with self reliance comes of knowing the rule having confidence in you wh pire the game. Responsibili himself will grow in Tommy he knows the security of i sonal, consistent discipline discipline of the rules of the that all men are playing rules for new generation made by the young who played the game fairly und old rules. Thus, in time, se trol takes the place of law.

By remembering that dis should be impersonal and c ent we can be constructive disciplining. No child will obedience who is required low one rule today, anoth morrow. No child can hav fidence in authority that is vated by moodiness.

The rules, we tell Tomm thus and so. As umpire, M Parent tells the boy, "I wa to win, want you to play game. If you throw a ball bounds, I must call a foul. win, you win by your own if you lose, it is your ow You reward and you punish self; I merely umpire. F you can better the rules so when you have master game. Now, you must play the laws of the game other people are playing w and nothing belongs wh you." . . . Have you ever k

[*Please turn to p*

Evenings are Brilliant



With Gorham Sterling

THE smart world has definitely tired of informality. Each evening now white and gleaming bare shoulders gather and tables brave with flowers, crystal, and inimitable luster of sterling silver.

you are a lover of Sterling, you will instinctively think of Gorham . . . brilliant in design, the acknowledged King of Sterlings.

See the complete selection of Gorham patterns and illustrated price lists, at your leading jewelers'—or write The Gorham Company, Providence, Rhode Island . . . since 1831.

THE GORHAM COMPANY, Dept. D-7, Providence, Rhode Island

Please send me your booklet, "Enjoy Your Silver," for which I enclose 10¢. Also colorful, illustrated price lists of the following patterns:

Etruscan ☐ Eventide ☐ Buttercup ☐
Late Georgian ☐ Old French ☐ King Edward ☐

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By these Untroubled Waters

As pleasantly as one golden hour drifts into another on these enchanted Islands...so do visitors to Hawaii slip into the ways of Island life. Here natural, fragrant, Dole Pineapple Juice is the favored drink for any hour. Long identified with gracious Island living, Dole has won the delighted approval of the Mainland. Dole is the original pineapple juice from Hawaii, natural and unsweetened. The true pineapple flavor and important fresh-fruit constituents of sun-ripened pineapples are retained to a high degree by the exclusive Dole Fast-Seal Vacuum-Packing Process. Always ask for "Dole."

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DOLE PINEAPPLE JUICE from HAWAII

Hawaiian Pineapple Company, Ltd., also packers of Dole Sliced Pineapple, Crushed, Tidbits, Gems, and the new Royal Spears. Honolulu, Hawaii, U. S. A.—Sales Offices: San Francisco

Right from our own kitchen

THERE's a new food product on the market which comes in a can all ready to serve—meat gravy. We tried some in our kitchen, heating, and combining with some left-over vegetables and meat to make a delicious Shepherd's Pie. However, it will probably be most popular as an accompaniment for a roast's second-meal appearance. Libby, McNeil & Libby.

Have you ever been confused by the term "aspic?" Properly used it means a "savory meat jelly containing bits of fowl, game, fish, hardboiled eggs, etc." (And a most pleasing dish to be sure.) But, unfortunately, a lot of people have been buying the packaged prepared aspics on the market, then adding fruits, marshmallows, and so on, trying to use the aspic as a dessert base. Naturally they've been disappointed since the meat flavor of the aspic doesn't lend itself well to desserts. So one company has rechristened its prepared aspics so you can tell at a glance, looking at the package cover, that its foremost use is a base for salads. Standard Brands.

Soup lovers will be glad to know about a new bean and bacon soup, two foods that just seem to go together. Open the can, and heat, and you have a food that's filling enough for a whole luncheon; but served in smaller portions it would make an easy, agreeable first course. Campbell Soup Company.

Good news! You can now buy baked apples in a tin can, all ready to serve. In our kitchen we found them delicious served hot (heat the can in boiling water before opening), accompanied with cream. Or did you ever try the old-fashioned way of flavo cream with nutmeg? Hills B

There's a book just off the p that has 125 pages worth of i for your table decorations party plans. A New Year's Pa a Valentines' Supper, a Patr Dance, St. Patrick's Day P Halloween Festivities, Thanks ing Dinner, Little Girls' Party dian Party for Boys, Jack & Party for Tiny Tots, Bridge ties, Anniversary Parties, Gra tion Parties, Brides' Parties, Stork Showers—these are son the chapter headings. Forty trations, accompanied by det instructions, give clever idea centerpieces and favors. Colo interesting menus, and p games are also included. B man Publishers, Incorporate

—JULIA Bo

Discipline is not repression

[*Continued from page 78*]

child who, once he understoo rules of the game, would not pride in playing well?

Life in large families us discipline us normally. There elders and children serving other. There was birth and living and death in our h and there were no country to spare us the pleasure of in our homes, and no hos to spare us the labor of cari our sick and the hurt of suf with them. Life in large fa pulled all the children into s

When we think it throu know that, where there are two children in a modern we must substitute a con parental discipline for close-to-earth and close-to-living.. With the symbols thority blinking and ringin tooting at us, with signs p here when we want to go with laws entangling our step, it seems foolish to that Tommy will not ha learn to keep to the rig march in step with many who are going his way. Af Tommy could have a mo tressing fate—and will h if he has no discipline at

YOUR LIFE CAN BE RICHER, HAPPIER

in Kelvin Home

SIX ROOMS

insulated, air conditioned with automatic control of heat and humidity, finest refrigeration, instant hot water, modern as tomorrow in every detail. Yet built complete for you for

LESS THAN $7500

KELVINATOR IS BRINGING A RICHER LIFE TO ALL AMERICA

for millions with modest incomes, begins a life, a freer life, a happier life. Here are com- *yes luxuries*, which few of the very wealthy enjoyed, now possible in homes such as mil- can afford to build—and afford to live in.

this is Kelvin Home—where winter warmth mmer coolness are controlled by the touch witch—where the air is always clean, fresh vigorating, always properly humidified, al- xactly right in temperature the year 'round. Home is fully insulated and air conditioned. ait, more than that:

ndant hot water flows at the turn of the day or night. Cooking is easier on a fine gas tric range. Coal, oil or gas heat is automatic. ng and ironing are done electrically. And s finest refrigerator, the new plus-powered ator, gives greatest refrigeration service at cost.

what is the first cost, and the operating cost, me like this? No greater than that of an ordi- x-room house. Kelvin Homes have been built y different parts of the country in cooperation with local architects and builders, complete with all equipment, each for less than $7,500.

Kelvin Home was designed by the Kelvinator people to demonstrate that the fruits of modern science and industry can bring to millions of Americans of modest means a fuller, richer and happier life at home.

Nine wonder-working Kelvinator appliances of the Kelvin Home are illustrated below. Each can be purchased separately. Each will bring you increased comfort—and save money—in any home, new or old.

FREE BOOK! **Certainly you will enjoy reading more about the Kelvin Home—the home of tomorrow that you can enjoy today. A booklet completely describing the Kelvin Home and its equipment is yours for the asking, at the Kelvinator Department of leading department stores, furniture stores, utility companies, specialty dealers—wherever Kelvinator products are sold. Get your FREE copy of this fascinating book today!**

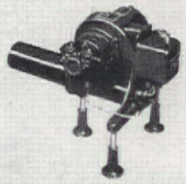
• • •

NASH-KELVINATOR CORPORATION, Detroit, Michigan. Factories also in London, Ontario; London, England.

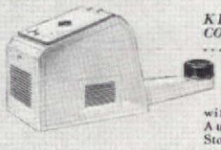
VINATOR HER... Dis- vely styled xclusive new LEX agitator PRESSURE- Wringer.

KELVINATOR WATER HEATER... Plenty of hot water whenever you want it... 24-hour capacity... variety of sizes.

KELVINATOR BOILER-BURNER UNIT... Economical winter heating... all-year hot water service... fully automatic.



KELVINATOR OIL BURNER... The Kelvinator Oil Burner makes any heating plant automatic. Burns cheaper grades of fuel oil efficiently. Requires no attention.



KELVINATOR COAL STOKER... Automatic heating with cheap grades of coal ...dependable, economical, with a Kelvinator Automatic Coal Stoker.

PLUS-POWERED KELVINATOR REFRIGERATOR... all conveniences including Built-In Thermometer.

KELVINATOR AIR CONDITIONING... This year 'round air conditioning system operates on the same automatic principles as Kelvinator air conditioning equipment for business buildings.

KELVINATOR IRONER... The new electric Ironer. Irons 2,736 square inches per minute. Time-saving, convenient and easy to operate.

KELVINATOR ELECTRIC RANGE... The cleanliness, convenience and speed of modern electric cookery brought to perfection by the new Kelvinator Electric Range.

Kelvinator **CUTS THE COST OF BETTER LIVING**

"FIRKOTE"—the Fir-Tex Sheathing Board

Gives Super-Insulation and Extra Structural Strength at no added cost

The Old Way

Firkote sheathing board takes the place of shiplap boards and building paper and does their work so much better as to actually render them obsolete. Firkote has greater bracing strength. It is air-tight, dust-tight, wind-proof. There are no knot holes, splits or open joints as in lumber. There is complete freedom from the infiltration of hot or cold air, dampness and dust. Firkote provides *three* times more insulation than shiplap boards! The natural wood fibres, felted together and pressed into boards, create millions of sealed air cells in each square foot of material. Firkote insulates twelve times more effectively than brick, twenty-five times more effectively than concrete.

Firkote sheathing costs no more than lumber and building paper when you figure labor cost saving; and it's *so* much better. Fuel cost savings are enormous. And if you plan on air-conditioning, you simply must use "Firkote" Sheathing Board.

Fir-Tex is unique. It is not a "plastic" board. It is made from natural fibres of sound wood, sterilized and felted into boards, with tremendous insulating properties.

FIR-TEX

Insulates . . . Deadens Sound . . . Cuts Fuel Bills

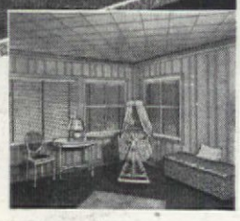
Send for catalog showing the application of Fir-Tex as sheathing, finish, insulation, plaster lath, etc.

FIR-TEX INSULATING BOARD CO.
Dant & Russell, Inc., General Distributors., Portland, Oregon.
Gentlemen: Please send FREE Home Owner's Catalog.

Name.....

Address.....

City.....State.....AH-A7

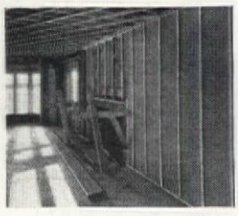


"Ivrykote", the Beautiful Fir-Tex Finish Material

Firtex "Ivrykote" with its mottled ivory, smooth washable surface is an exceedingly attractive interior finish. Already surfaced, yet ready for any further decorating or coloring, without sizing.

Fir-Tex Plaster Base Lath

Here is the modern way to use plastered walls. Use Fir-Tex plaster lath directly on the studding—no other lath. Then plaster on the Fir-Tex. Result: a marvelously, smooth, crack-proof job. Plaster sticks tightly to the Fir-Tex lath!



Fir-Tex Building Board

For insulating walls, floors or roof Fir-Tex has no equal. Only Fir-Tex retains the cellular structure of natural wood fibres, sterilizes and "felts" them into a solid "blanket board" of super-insulating material, *water-proof, vermin-proof, termite-proof* and *highly fire retardent.*

Interior remodeling on Beacon Hill

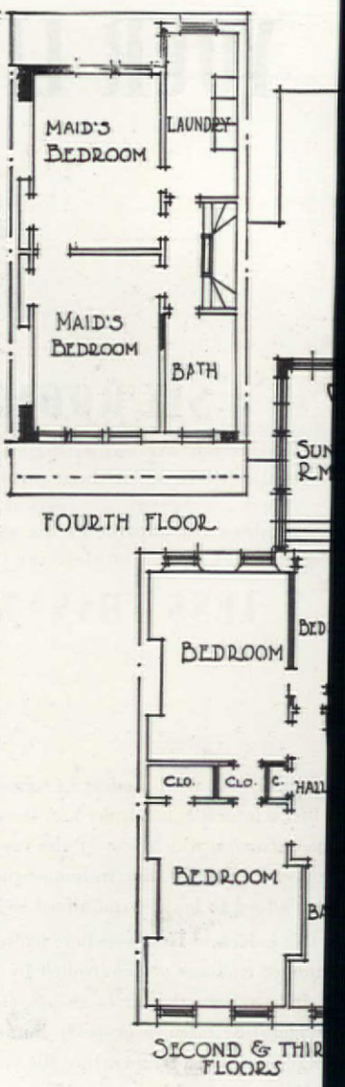
[*Continued from page 38*]

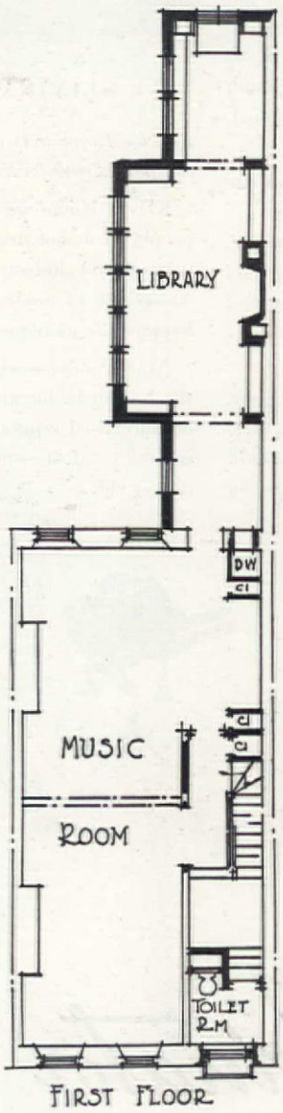
1830. In this room are encountered the enchanting window-screens of ivy used throughout this floor. The vines, climbing on delicate lattices hinged to each window frame, checker the sunlight with flickering shadow.

On this first floor the ell room has become a library, high enough so that its windows look into a small forest of ailanthus trees in neighboring back yards and on the big one in the Rothwell's own domain. The new bay window of the ell faces the fireplace here and gives the room comfortable size. This floor, too, has glimmering walls of tea-chest paper—gold, instead of silver—and glass lamps, gleaming brass, and copper add warmth and sheen. Sunlight comes in the east windows of the living room at the same time that it enters the south windows of the library. Mrs. Rothwell says it's a scientific impossibility, but a fact. At the extreme end of the library a writing alcove holds desk, books and plants. (Shown on page 38.)

Bedrooms begin on the second floor, with two above the room and a smaller one op into the ell, which, on this is a small private sitting for this bedroom. Third and floors have maids' rooms laundry, and each of the bedroom floors has a bath Surmounting everything, a cl yard on the roof overlook chimney pots and the waters of the Charles River with Cambridge on the othe

The Rothwells are fond tertaining with music, and t ing room, with an organ a as a piano, serves ideally fo Christmas Eve, too, brings for that is the night wh Beacon Hill holds open hou its friends. It is one time the Rothwells' windows, i of receiving light, send it for on Christmas Eve window on The Hill flaunt dles. Perhaps the most window in the house is t over the front door. It is m screened, Mrs. Rothwell out, with a flat little Chr tree, tied securely to the wi balcony railing. The tree is with pine cones and glisten glass icicles. This pictu window, delightfully enou longs to the first of the thr bathrooms which were ad





WHITEHEAD
the No. 1 Name in Planned Kitchens

Large Circle: A 1937-model work-saving kitchen, with Westinghouse Emperor Range, and Westinghouse Dishwasher under the Monel sink. Small Circle: This refuse container is attached inside sink door. Provides for the bag system of disposal.

A. tells Mrs. B.—"If you want to save ey when you modernize your kitchen, get uch with a Whitehead dealer." Mrs. B. Mrs. C.—and the news of this unique ning service travels fast.

helping you design a modern kitchen, tehead dealers have advantages that no ary store possesses. Whitehead is the manufacturer of Whitehead Monel sinks Whitehead steel kitchen cabinets. These e units which make possible the modern -saving kitchen.

is means that the plan Whitehead dealer draws r you is a practical plan. equipment will fit your en wall space and may ed with the range, re- ator and dishwasher you as if made to order. ou won't be put to the se of buying costly, m-built units.

age bin is supplied in five sizes to abinet drawers. Space for flour, nd meal. Hinged covers.

Whitehead Steel Cabinets: Whitehead makes 42 different sizes of steel wall and base cabinets. Also plate warmer cabinets, vegetable storage cabinets, towel drier cabinets, etc. The two small photographs show some of the many special accessories available in Whitehead base cabinets. With this wide variety to draw on, it is no trick at all for Whitehead dealers to give you an ideal arrangement — one that will make your kitchen a miracle of work-saving efficiency.

Whitehead Monel Sinks: In these beautiful modern sinks, you have even greater freedom of choice. You take your pick from 57 different models. Compact little sinks for kitchenettes—and great big handsome twelve-footers with two bowls and double drain-boards. Sinks that hang from the wall—and cabinet models available in any length from 41 to 144 inches in fractions of an inch.

Look for the Whitehead Dealer sign: Leading plumbers and electrical dealers are now displaying Whitehead Dealer signs in their windows. Where you see this sign, you can buy a complete planned kitchen with matched Monel equipment. If you do not find a Whitehead Dealer in your neighborhood, use the coupon below. It will also bring you a copy of an interesting new booklet on kitchen planning.

WHITEHEAD

METAL PRODUCTS COMPANY OF NEW YORK, INC.

304 Hudson Street, New York, N. Y.

☐ Send me name of the nearest Whitehead Dealer.

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Celebrate with Fostoria!

Entertain with Crystal

. . sparkling as a gem . . clear as a song

This is a year of many gala occasions. And how better than to celebrate with Fostoria? For 50 years it has been the American symbol for handcraft glass of aristocratic charm and lucent beauty.

For its Golden Jubilee year, Fostoria contributes many pieces to help you dramatize your tables with the romance and brilliancy of crystal.

"Master-Etchings," for instance, that blend perfectly with the white crispness of linen and the lustrous glitter of silver. How better to high light such a setting than with *Meadow Rose*, illustrated above? On this clearest crystal or Azure-Tinted stemware, Fostoria's craftsmen have expertly achieved the delicacy and softness found only in etchings of great masters.

Fostoria's Golden Jubilee Displays are now on parade in the better stores. You are invited to see them.

. . .

For further information on other available pieces in the *Meadow Rose* design, write for Folder No. 37-E, Fostoria Glass Company, Moundsville, West Virginia.

FOR 50 YEARS THE GLASS OF FASHION

Golden Fostoria Jubilee

1887 MADE IN U.S.A. 1937

Small forgotten treasures reveal charm and usefulness

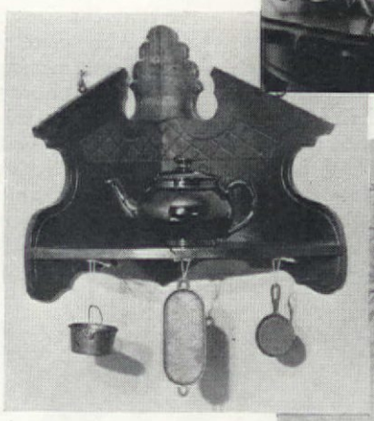
GRACE E. PURKEY

IN MOMENTS of leisure when one is just thinking, there often comes to the mind some object which for long years has been forgotten. Perhaps it is a childhood treasure that through some chance has been spared in spite of a long regime of housecleaning days, or perhaps something of grandmother's, kept through sentiment. At any rate, we find when we search our memories that there is this and that, and we wonder, "What did I ever do with it?" We are well repaid if, at this moment, we make a trip to the attic and explore some of those many boxes, or it might be in the basement, perhaps in that barrel that has never been unpacked since the last moving day. You may have in mind that odd glass bottle that used to be filled with catsup. You see it now, in the light of our present-day ideas, in the window with long, graceful sprays of ivy trailing from it.

You will have many delightful moments hunting up these several bits of what not, cleaning and polishing, and finding just the place for them on bookcase, desk, or window sill, for the modern home today is attractive for the artistic arrangement of its small objects as well as the heavier pieces. Along with the modern bits of glass and china from the shops there may be numerous little family keepsakes which are of special interest to the home owner and which will attract much attention from guests. Just as most men love the large, comfortable type of furnish those which appear practica do most women adore the s dainty things that no home w be complete without.

There came to my mind sudden burst of memory, a s flat iron I had owned as a and my search for it was warded. There it was, just remembered it, and a use f immediately popped into mind. Set on my open des makes a most convenient p weight. Perhaps you have a of this type of black iron o find a mate to the one you If so, they make, when stoo end, unique book ends for small books that you like to

O. L. Harrington



Odd pieces of a former toilet set, an old sad iron stand for flower pot, a small iron kettle for incense, toy iron utensils for ashes, and sad irons for book ends all recall interesting memories of bygone days

"Just $25 began my Fashion-Flow cherry room

-I found it at Fashion-Flow Hall"

"My start on this lovely cherry room you see above, began with the bed at $25, and my budget didn't waver as I added the rest—it all cost so little."

At Fashion-Flow Hall in your city, see this add-a-piece furniture that became a sensation almost overnight. A simple, modern design you'll always love. Over a hundred pieces in laminated cherry, genuine mahogany and matched walnut.

Almost a miracle, thousands say, to find furniture like Fashion-Flow, at such prices. Finest plate mirrors. Hand-fitted, smooth-running, dust-proof drawers. Hand-rubbed and polished woods. Non-tarnishing fittings of copper, brushed silver and satin gold.

Look for the modern merchant who advertises Fashion-Flow Hall. Visit it today!

FASHION-FLOW CHERRY IN WARM MAPLE FINISH

These prices apply throughout United States

Chest		$25.00
Circle Mirror		7.50
Bed		25.00
Nite Stands	each	7.50
Vanity		49.00
Bench		7.50
Wide Boys	each	25.00
Cheval Mirror		22.00

Same pieces in walnut, or mahogany with blond maple—same prices. All Fashion-Flow furniture finished exclusively with Sherwin-Williams products; mirrored with Libby-Owens-Ford plate glass. See it today in Fashion-Flow Hall.

Fashion-Flow

TRADE-MARK REG. U. S. PAT. OFF.

AMERICA'S SMARTEST FURNITURE

Built by the western Craftsmen of B. P. John since 1891

Entire advertisement copyrighted 1937, B. P. John Furniture Corporation. All Fashion-Flow designs patented.

The **DEBUTANTE** *in cherry* **879**
also walnut or mahogany

The **FORMAL**
mahogany with blond maple trim **889**

The **COMPACT** *genuine walnut* **869**
also cherry or mahogany

LOVELY NEW VANITIES
by Fashion-Flow

Glamorous vanities. Sweeping mirrors. Shelves of Tuf-flex miracle glass. All available in mahogany with blond maple trim; walnut, cherrywood.

FASHION-FLOW FURNITURE, Portland, Oregon
Please send me free folder of Bedroom Arrangements
Also name of nearest Fashion-Flow Hall.

Name _____

Street _____

Amazing Improvement

—the *new* Adhesive Sealex Linoleum

saves as much as 20 on every $1

The floor above is "Marcotta" A-7243. On the walls is waterproof, permanent Sealex Linoleum Wall-Covering . . . a rich marbleized black with coral dado.

Virginia Hamill,
NOTED NEW YORK DECORATOR:

"I am delighted that at last there is available on the market linoleum especially designed to harmonize with the colorful deep tones and pastels of bathroom accessories, plumbing fixtures and bath towels. And I am sure that women all over the country will be as pleased as I am with the new pastel colors in Adhesive Sealex Linoleum."

HERE'S exciting news! The new Adhesive Sealex Linoleum gives you a long-wearing, inlaid linoleum floor of the finest quality at a real saving—often as much as 20% of the former installed cost. And just think . . . the average floor can be laid, ready for use, between breakfast and lunch time!

Adhesive Sealex Linoleum is the biggest development in inlaid linoleum in 20 years! By a special process, the adhesive is applied to the back at the factory. To this is due the money-saving and the faster laying. Also every square inch of this new linoleum grips the floor like a vise. No buckles or bulges. Wears for years. Con satisfaction is guaranteed.

Women are flocking to stores today to se patented* Adhesive Sealex Linoleum. Visi dealer! Let him show you the array of bea new patterns. Every one has a perfectly sm sanitary surface that makes cleaning easie Notice especially the new clear, pastel sha they offer wonderful chances for lovely effects in rooms. Don't miss them. Go

*Patent 1,970,503

Send 10c for our 20-page, illustrated decorating book, "Building Color Schemes from the Floor," to Congoleum-Nairn Inc., Dept. 22, Kearny, New Jersey.

ADHESIVE SEALEX LINOLEU

TRADEMARK REGISTERED

at hand at bedside or end Put away with the little iron was another child's f a later style, pointed at nds. This had an iron stand en design which was just ing I had been wanting to der small pots of flowers or in my window garden. If the type of front door on I could use a knocker, I have considered having a put on the end and using this purpose. These small ands of any kind are much after by antique dealers. le reminiscing on the old re, a cunning little set of spider, and griddle, be- to a tiny cook stove, was t out and hung from a kitchen shelf to give an l, homey atmosphere. Very prized is a little iron kettle s, a small pattern of the old iron kettles that are eing hung from fireplace or used in various places ages, homes, and porches. ne stands about two and arter inches high and once for first lessons in taffy . It now stands on the room table with a much kettle inside and is per- an incense burner.

her diminutive keepsake, as an ornament only on okcase, is the subject of the "Little Brown Jug, how I hee." This stands three high, an exact replica of s which cluttered the base- oors in times gone by.

rge Cape Cod marble had refully wrapped in tissue nd kept in the bottom of u drawer for many years. hese depths I took it one termined to find some way laying this colorful bit of glass. From the china took a very old individual glass salt dish. I set the in this to keep it from The salt dish makes an sive base and the whole very attractive effect on ed surface. A small glass was another object too to be hidden away. This n bought for me when on s a child. While this is not as an antique, it is clear rkling and is just the right r an individual cream on a breakfast tray.

bouquet brought into the ems to need an individual r. Although there are apes and sizes to be had odern vases, some of the ioned glassware and pot- d a great deal of interest especially suitable as cen- on old tables. For tall an old celery stand in ves great dignity. I have caster which is a metal r with a high handle a pressed glass pickle jar. On account of its handle this gives a charming basket effect, filled with flowers, for the luncheon table. In the living room, the old type of fruit jar serves as a distinctive flower holder, and somehow I feel a pride in owning one of these very outmoded containers of our forefathers' time. How very different from our present ones, but how these colorful old jars surpass in beauty the ones that now fill our shelves. They had their advantage, perhaps, too, in keeping the light from the contents of the jar. At any rate, I have one in a glazed terra cotta finish which harmonizes well with anything. It is very suitable for pussy willows, sprays from flowering shrubs, daisies, and many similar plants. Another lovely thing for a low bouquet on the dining table is a finger bowl. The one I have is inverted thumb print in amberina.

Now let us bring out something of grandmother's. When looking over the contents of an old trunk, I came across a brocaded silk scarf, or handkerchief, as it was called in grandmother's day. Judging from the condition it was in, it had never been worn and, as black and white accessories for the home have been stressed much, I decided on a pillow top. The center of the kerchief was white with a border of black and white. The back I made of black satin. It made a large and rich looking pillow.

If you have some shelves in your bathroom and you want a decorative note without any hardship on your pocketbook, let me suggest some of the small pieces from the old toilet sets that were in use when bedroom suites had washstands. If you have three shelves in a corner or elsewhere, you might use the covered soap dish, shaving mug, and either the toothbrush holder or the small pitcher. Some of these sets are very beautiful in design. One I like very much is a heavy glazed china in a dark red shade with a Persian border on a dull maize, and a distinctive design on both sides of each piece.

This is just a series of suggestions to set you to thinking. Let your own imagination run riot with what you have in your possession. Be original. Do not confine yourself, necessarily, to the objects mentioned, but keep your eyes open. Look again at those things you are keeping in the dark, thinking they have no value or purpose. You will revel in renewing your acquaintance with these old friends. See that you choose the proper environment for the object you desire to display; this is most important for the amount of interest you wish to create. So be off on that trip now in quest of the unusual, and I bid you bon voyage.

HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

IT makes no difference if your carefully laid plans for saving have been upset during the past few years. It makes no difference if you are worth half as much today as you were then. Now, by following a simple, definite Retirement Income Plan, you can arrange to quit work forever fifteen years from today with a monthly income guaranteed you for life. Not only that, but if you should die before that time, we would pay your wife a monthly income as long as she lives.

$200 a Month beginning at age 55

Suppose you decide that you want to be able to retire on $200 a month beginning at age 55. Here is what you can get:

1 A check for $200 when you reach 55 and a check for $200 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

2 A life income for your wife if you die before retirement age.

3 A monthly disability income for yourself if, before age 55, total disability stops your earning power for 6 months or more.

This Retirement Income Plan is guaranteed by the Phoenix Mutual, a company with over half a billion dollars of insurance in force and a record of more than 75 years of public service. If you want to retire some day, and are willing to lay aside a portion of your income every month, you can have freedom from money worries. You can have all joys of recreation or travel when the time comes at which every man wants them most.

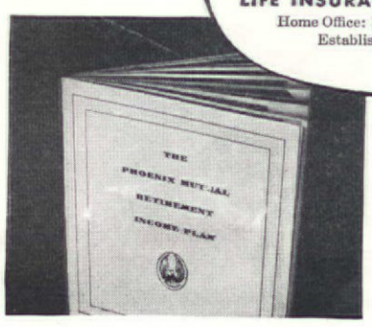
The Plan is not limited to men. Similar plans are available to women. It is not limited to persons of 40. You may be older or younger. The income is not limited to $200 a month. It can be more or less. And you can retire at any of the following ages that you wish: 55, 60, 65, or 70.

What does it cost? When we know your exact age, we shall be glad to tell you. In the long run, the Plan will probably cost nothing, because, in most cases, every cent and more comes back to you at retirement age.

Write your date of birth in the coupon below and mail it today. You will receive, without cost or obligation, a copy of the interesting illustrated booklet shown at the left. It tells all about the Plan. Send for your copy of the booklet now. The coupon is for your convenience.

PHOENIX MUTUAL LIFE INSURANCE COMPANY
Home Office: Hartford, Conn.
Established in 1851

Copyright 1937, P. M. L. I. Co.



PHOENIX MUTUAL LIFE INSURANCE CO.
220 Elm St., Hartford, Conn.

Send me by mail, without obligation, your new book describing THE PHOENIX MUTUAL RETIREMENT INCOME PLAN.

Name_____

Date of Birth_____
Business Address_____

Home Address_____

If Grandmother were to step down from her picture to help you select your bedding . . .

An Innerspring Mattress bearing the *honored name*

OSTERMOOR

would surely be *Your Choice*

In its soft, sleep inviting comfort are years of deep restful slumber to keep you in vital health. To the firm cushioned texture of the famous Ostermoor processed layer felt is now added the oil tempered resilience of Ostermoor multi-flex innersprings. This summer you'll appreciate the ventilated coolness of this air flow construction.

Grandmother's Yankee thrift will lead you to examine closely the fine imported Damask tickings and hand-crafted Ostermoor tailoring. You'll know why we receive such letters as:

"My Ostermoor mattress has been in constant use for thirty-two years, has never needed any repairs, and is today as good as new."
From Mayville, N. Y.

"Mine is a wonderfully comfortable Ostermoor, in perfect condition after fifteen years of service."
From San Francisco, Cal.

FAMOUS SINCE 1853

THREE GREAT VALUES IN THE NEW INNERSPRING OSTERMOORS

"Sound Rest" . $29.50
"Sleep Comfort" $39.50
"Supreme" . . . $49.50

Box Springs at same price.

Also the famous layer-built Ostermoor Felt Mattress for those who prefer.

If you do not know the name of the Ostermoor dealer in your city, write OSTERMOOR & Co. Dept. 310, 1 Park Ave., New York—and receive also copy of "Sleep, and its Relation to Health."

FOR OVER 80 YEARS AMERICA'S QUALITY MATTRESS

A view from the living room overlooking the Rio de la Plata toward Urugu

Letter from a "Colonial" reader in Buenos Aires

ALTHOUGH our subscription is sent to Parlin, N. J., we have been living in the Argentine for over four years. We look forward to our copies of THE AMERICAN HOME which are forwarded faithfully to us every month. We are among your earliest subscribers and have always been enthusiastic readers. Living 7,000 miles away from the States, we appreciate more than ever the contact that is made possible through your pages with what is goi at home in that always in ing, most important field tivity—the American home.

It occurred to me tha might be interested to see pi of the home and garden of your "Colonial" admirer-sub ers, and to have just a word the flowers and the garden.

The house is built on a x 300 feet. The architect North American who has b not only beauty but every ern convenience and comf this house. Automatic oil automatic hot water s pump for the water which from a well on the propert gas in tanks for cooking m seem far removed from th Argentine house with no heating and no hot water

Views of front and house, flagstone wal to the pergola, an

And here you see the entrance from garden to the lower living room

It's a net year

Drawing by Franklin Booth from photograph of library curtained with Quaker Net

for This Book
e than 50 graphs show- how other women have net to make windows an nding deco- feature. Sent receipt of 10 Quaker Lace ept. A47, 330 Ave., N. Y.

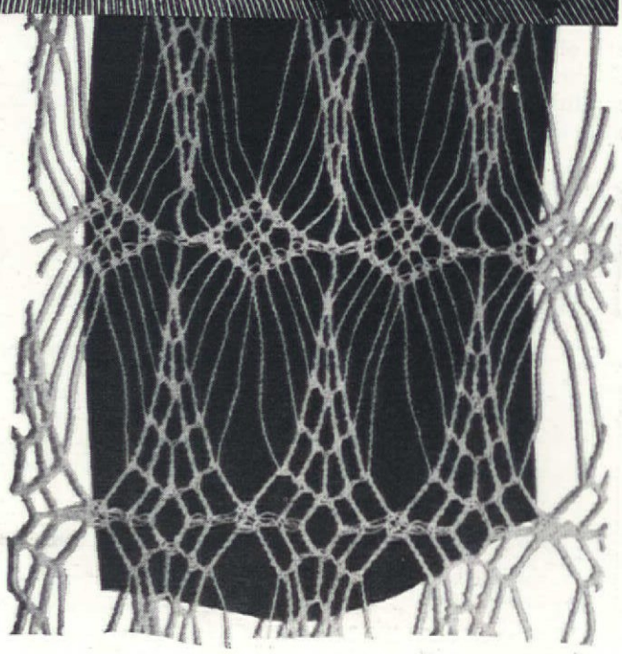
Quaker's Stockings—
thful to the as clever up to the Priced from $1.65 a pair.

A QUAKER NET YEAR

QUAKER creates the most extensive line of net curtains in the world. The character, personality, newness in Quaker Curtains and Nets enable you to make your windows distinctive—enable you to choose curtains that express your individuality and the spirit of your home.

The Name Quaker is your Quality Assurance

Moreover, the Quaker Curtain you select for your home will stay beautiful through seasons of service. Three generations have woven into genuine Quaker Curtains the quality that has made the name Quaker on a curtain a quality index like the Karat mark in gold. Look for the name "Quaker".



"LET'S QUIT, MOTHER ...WE CAN'T BEAT GERBER'S VEGETABLE SOUP!

"In spite of all the work it takes to get a lot of different vegetables together, clean them, strain them, (and have a lot of them left over), you can't improve on the wonderful soup that comes out of those pretty blue and white Gerber cans.

"You see, mother, those Gerber vegetables are *Home Grown*, an hour or less by truck from the Gerber kitchens. No chance for them to lose their food values from travelling or storage. And when they are strained and cooked, no air touches them to destroy any of their vitamins, and there is no pouring off mineral salts in cooking water, either.

And this is important, too, Mother

"As vegetable soup is one of the first of my more solid foods, the Gerber people have made a careful study to find out just what should be put into it. They say it's a 'well-balanced nutritive combination of strained carrots, peas, spinach, rice, barley, beef, tomatoes and celery'. What I say is that it is a grand meal.

"Will you please ask doctor when we may start on Gerber's?"

Only Gerber's Offer All These Advantages

Pedigreed Seeds—developed by expert horticulturists for prize vegetables of highest nutriment.

Controlled Farms—for proper soil, and harvesting at the correct degree of full ripeness.

Home Grown—within an hour from our kitchens to prevent appreciable loss of quality.

Shaker-Cooked—after scientific straining at correct temperatures with air excluded for mineral and vitamin protection in high degree. Each sealed can is mechanically shaken for even cooking throughout.

Gerber's Strained Cereal made from selected whole grains; Gerber's Prunes are from the Santa Clara Valley of California, which also raises Gerber's Apricots. Apples used are Michigan Grimes Golden.

Gerber's

Shaker-Cooked Strained Foods

STRAINED VEGETABLE SOUP—TOMATOES—GREEN BEANS—BEETS—CARROTS—PEAS—SPINACH—PRUNES—CEREAL.

And now a new Gerber combination: STRAINED APRICOTS AND APPLE SAUCE

Actual size, 8 in. high

A Delightful Gift For Your Baby

A fine stuffed doll of good quality sateen, boy doll in blue, girl doll in pink. Sent for 10c and 3 Gerber labels.

GERBER PRODUCTS COMPANY, FREMONT, MICHIGAN 94

(In Canada, Gerber's are *grown and packed by* Fine Foods of Canada, Ltd., Tecumseh, Ontario.)

Name_____

Address_____

City_____ State_____

Check items desired:
☐ Boy Doll ☐ Girl Doll ☐ Mealtime Psychology, a free booklet on infant feeding.
☐ Baby's Book, on general infant care, 10c additional.

A storm rises over the river, as seen from roof of house

ment, save what the coal stove will heat during the cold months. We even have closets, cupboards, and stoves furnished for us—unknown luxuries in all but the newest houses and apartments.

The house is built on two levels and the property runs down to a third level in back, making a garden-playground where we have room for croquet, a badminton court, sandbox, swing, and a flagstone terrace for picnics, cut off from the rest of the garden by spruce trees. The lower garden is enclosed by a hedge about six feet tall and there are twenty-four trees set at intervals in the hedge which encircles the whole garden at that level.

There is a flagstone path that leads to the next level at the back of the house. Rock gardens climb the twenty-foot rise and we emphasize various kinds of cactus plants and climbing plants in this section. Semi-lunar windows with iron grilles and a door give entrance to the thirty-five foot downstairs living room that opens onto this part of the garden. The room has a beamed ceiling, and a floor of Spanish tiles, terra cotta color interspersed with frequent tiles of crests and decorative designs. A provincial fireplace is duplicated in the upstairs living room which is on the third level and which has a plate glass window nine feet across that looks out across the garden and commands an unobstructed view of the Rio de la Plata which stretches away for sixty miles in front of us to the Uruguayan shore. The front garden is on a level with this floor and has the same flagstones and grilled windows, and a pergola outside the dining room. The roof is a garden of grass and Feraniums and it affords an impressive view of the city of Buenos Aires snugly set in the curve of the river some six miles northeast of us.

Because we never have zero weather in Buenos Aires, there is a profusion of flowers all year round. Now we are in the month of May, which corresponds to your November, and a list of the flowers blooming in our garden right now is indicative of the fertility of the soil and the temperature of the climate. There iris, cosmos, chrysanthemu calendulas, carnations, marigo hibiscus, geraniums, a poinse bush with nine huge blosso and lemon trees which h blossoms, also green fruit ripe fruit, all in bloom at same time.

The garden has seven differ kinds of evergreen trees and f two dozen flowering varieties shrubs. Grass such as you hav the States, does not thrive h Each separate sprout of a sor crabgrass is set out by ha about eight inches from its ne bors and in an amazingly s time a tough, resistant, sm carpet has completely covered earth. Lawnmowers are unk for this kind of grass is cut a scythe. It is said of Bu Aires that the soil is so fertile a clothespin planted at night be sprouting green leaves morning.—Mrs. H. H. L. Buenos Aires, Argentina.

On the hearth of Th American Home

[*Continued from page 10*]

months. Magazines, trade, and general publications are ing the greatest inducemen home owners, by answering tions, furnishing plans, supp the names of reputable firms, gesting remodeling ideas, to the man interested in making his residence or building a home to meet his needs.

Adequate funds are ava for this increased lending sources mentioned earlier. ings in banks all over the n are now on the market for rowers. Savings and loan as tions, backed by a credit ne in the Home Loan Bank S have money to spare. Insu companies have their finge the pot. The government vesting funds in home fin institutions which are not pr ing to be emergency creation are caring for the normal gage business. Private lende able to advertize an abunda funds. The time is ripe f

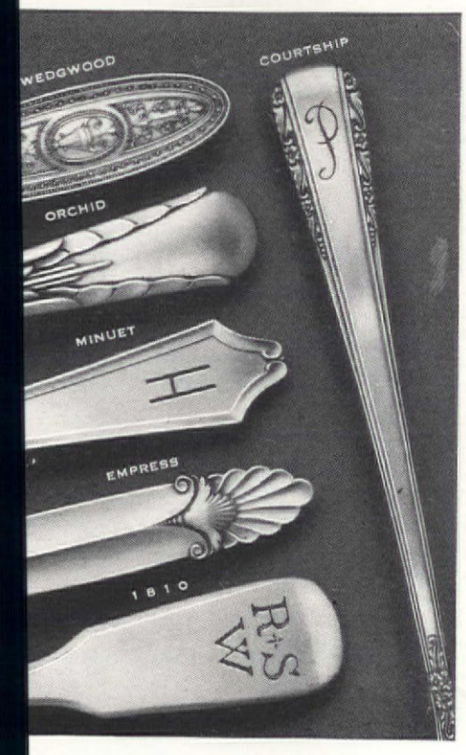
Susan reads the riot act...

SUSAN: "Listen—I'm serving notice on this family... I'm not going to have another guest home to dinner until we get some new silver—and I mean *sterling* silver."

FATHER: "Sterling silver, eh? It seems to me this family is beginning to have some pretty big ideas."

MOTHER: "Now, Henry, sterling is not a luxury—it's really not expensive. All the nice people we know have it. And once you have sterling, you have it for good."

SUSAN: "Listen, Dad...We've bought lots of other things that weren't nearly so important. *Please* let us have sterling! You *will?*...Mother, he consents! Don't you think International Sterling's *Courtship* is the perfect pattern for our dining room?"



EASY WAYS TO BUY INTERNATIONAL STERLING

PEOPLE do judge you by your silver. Why deny yourself? You can choose your service from the most distinguished collection of designs in the country—International Sterling's glorious silver—and still pay only a moderate sum.

"Superbly designed!" decorators say of International Sterling. "Authentic period patterns and moderns of great originality." ...There will be a lifetime of pride and satisfaction for you in any International Sterling pattern you select!

Jewelers are glad to make it easy for you to own a service of International Sterling. They offer two simple and practical plans:

Budgeted Payments. Most good jewelers will let you pay for your sterling as you do for many other important possessions—in monthly installments.

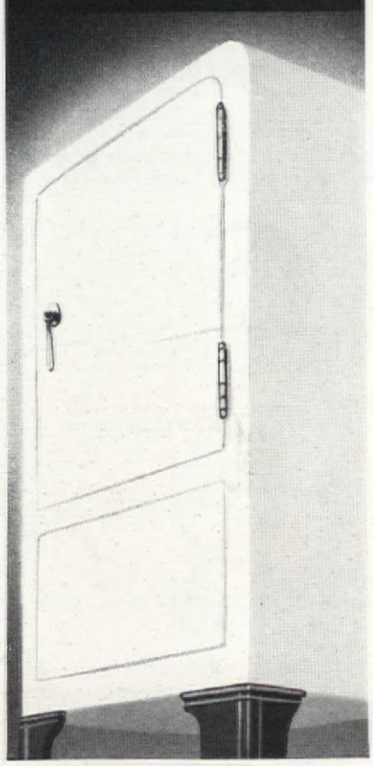
The Lay-Away Plan. Ask your jeweler to reserve a set of solid silver for you in your favorite International Sterling pattern. Then withdraw a few pieces at a time, when it's convenient to pay for them.

Or send for free booklet—"Planning for Sterling." It shows how to collect your sterling service, one usable unit at a time. Write International Sterling, International Silver Co., Dept. AH-27, Wallingford, Conn.

International Sterling

Made by International Silver Company, largest manufacturers of silverware, whose predecessors made spoons of solid silver over a hundred years ago.

DU PONT PAINTS *for* EVERY PURPOSE *in Home and Industry*



3,000,000

Modern Refrigerators gleam with

DULUX

REG. U.S. PAT. OFF.

AMAZING has been the rapid rise to popularity of Du Pont Dulux as the modern refrigerator finish. Women find that Dulux brings a purer, cleaner whiteness into kitchens. It *keeps* its original, gleaming beauty for years.

Dulux is one of the many modern Du Pont Finishes designed to make products—and paintable surfaces of all kinds—look better and last longer.

DU PONT

REG. U. S. PAT. OFF.

Paints..Varnishes Enamels..Lacquers

DUCO-DULUX

REG. U. S. PAT. OFF. REG. U. S. PAT. OFF.

home owner to borrow for a future for himself and family.

The home owner is borrowing. Mortgage loans are increasing every day. Money is moving into the home financing field with rapidity, and residential construction and modernization is in an active phase. Building permits have begun to climb, and construction materials companies are pouring out new volumes of equipment which is finding its way into 1936 models of homes. Car loads of bricks, plumbing fixtures, lumber, steel, and glass are in demand.

A housing shortage

Statistics show that there is a noticeable housing shortage in the United States. That means that there is an insufficient number of suitable residential properties for the average American family. In the current situation the family cannot find a house in which it will be content to live at a rental figure it is willing to pay. The housing shortage has several explanations.

Forced to crowd together in inadequate quarters with other families during the depression, families are moving into better residences and separate establishments as soon as improved employment conditions in their particular situations permit. Employment conditions are improving and they are demanding more and better homes. Marriages are increasing. Trips to the city hall and down the church aisle, long delayed by financial uncertainty are now taking place, and almost every marriage naturally requires another home.

There are not in existence enough desirable houses to meet the requirements and the post-depression standards of American families. Consequently, people with sufficient income to meet regular monthly payments on homes are assuming debts which will provide adequate, livable, convenient modern living quarters, permanent, and worthy of the time and effort and investment.

In summary, to his present advantage, the prospective home owner has the following:

An abundance of money in the home mortgage lending field.

The direct, reduction amortized long term loan plan.

Low interest rates, and variable interest rates in some cases.

Architectural service in planning. Help in every detail of the building, from selection of the lot, to the final coat of paint.

The current situation in the real estate market, with good prices, and shortage of houses, is in his economic favor.

Home owners are looking at their own situations, at the real estate market, at their desire to be housed adequately and comfortably, at their pride in possession and at the investment in future security which they can now make to advantage. Th reading what the lender ar builder and the press are and they are beginning that today is the golden a their initial step in the cli debt-free home ownership.

Think of Speed

in LIVES per hour

Remember these facts when you're driving:—Thirty miles an hour takes 75 feet to stop. Forty miles an hour takes 115 feet. And fifty miles an hour is *perhaps too fast to stop.* Measure speed by the lives it takes—not by the miles it gives.

To be reasonably safe on the highways today there are many things you should know—the hours of the day that are dangerous; the hazardous spots of the road; the parts of your car that cause trouble; the methods of meeting emergencies.

These and many other helpful facts are included in our booklet "Now I am going to drive." This interesting booklet is helping thousands of drivers reduce their chances of accidents. Why not read it yourself. Send for a copy today. No obligation, of course.

The EMPLOYERS' GROUP Practically every kind of insurance except life.

The Employers' Liability Assurance Corp., Ltd.
The Employers' Fire Insurance Company
American Employers' Insurance Company

THE EMPLOYERS' GROUP — THE SERVICE THAT SATISFIES

No matter how careful you are at the wheel, adequate automobile and accident insurance is needed. Any Employers' Group Agent can help you.

THE EMPLOYERS' GROUP
110 Milk Street, Boston, Mass.
Send without obligation your booklet "Now I am going to drive."
Name
Address

Be it so resolved—

[Continued from page 3

philodendrons—has a cool ing effect on the visitor; other hand, the gay color enias, saintpaulias, coleus, ageratums and begonias shade-loving plants—have hilarating effect on any te to low spirits. A winding soft blue flagstone lead through the rock garden to iron fence that separat driveway from the garden Blue iris show their hea this fence and the resu pleasing eastern boundary

The ceiling of our outdoo was no problem at all. could be more pleasing tha of azure blue peeping thro spreading leafy branches gnarled old oak? Traili hanging from the branch pletes the overhead dec Since no room is complet out furniture, a few woode painted white and a sma boo table are found in t court. If more were neede is, of course, no end to tractive garden furniture be bought today: the abound in gay and com pieces and antique deal interesting and beautifu mens of old iron furniture house hanging from the tr the birds into the living r a bird bath at the side court urges them to stay. ing bird with his sweet pays us many fold for t tion shown him.

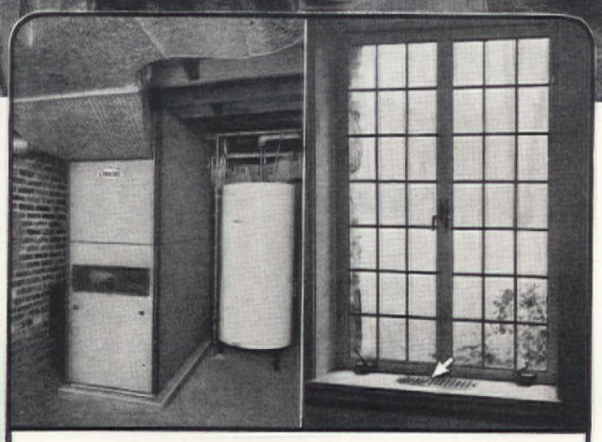
One of the most interes tures of this room out of that nature's scenery changing. It is quite po breakfast amid dainty pi and brilliant hued portu tea amid the fragrance o fashioned four-o'clocks a hemerocallis, and sup spell of the moon-vine. I ly, a man made moon light of blue installed in branches of the oak— quite independent of luna deity. Garden lig thus made it possible fo door living room to be night as well as by day.

In a climate where o to live six months of t out of doors I have, n say, found this room constant joy, and when it for a moment's rel spirit of peace and comes over me. All is

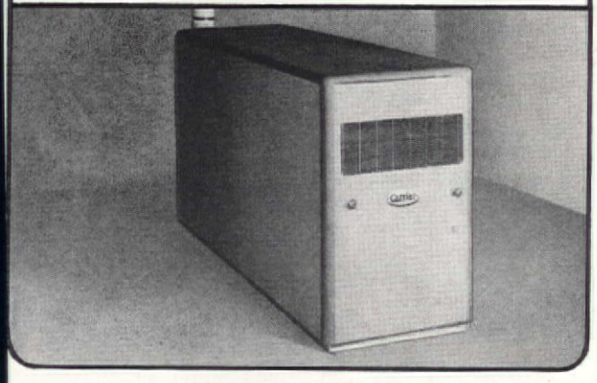
A CHARMING INTERIOR... but more than that...

a Comfortable, healthful Atmosphere thanks to

Carrier Air Conditioning



LEFT, ABOVE: The Carrier Air Conditioner can be used with either oil or gas. RIGHT: Grills like this circulate air evenly to all parts of room. BELOW: The Carrier Home Furnace—compact, neat, efficient.



THINK of it! Air conditioning for the modest priced home is a reality! . . . made possible by the new 1937 Carrier Heating and Air Conditioning equipment.

You and your family can enjoy its luxurious comfort and its healthful benefits all year 'round. No more sweltering summer days, no more dried-out stuffy air on winter days.

And Carrier equipment is flexible. The same engineers who have accomplished such world-famous installations as those in Radio City, the Waldorf-Astoria, the Queen Mary, to name a few, have designed equipment adaptable to every home need.

Plan now for a Carrier air conditioned home. Much of your present heating equipment can be used. You can air condition a part of your house, the living room, say, or just a single bedroom. You can plan for complete air conditioning winter and summer or simply cooling in summer or for controlling humidity in winter. There is a Carrier unit to do each job efficiently and economically.

Now is the time to start—now, before the prices of materials advance further. Call your local Carrier man now. Or mail the coupon today.

Since 1902, Willis H. Carrier and his associates have devoted their work exclusively to air conditioning.

CARRIER CORPORATION, Desk 323
850 Frelinghuysen Avenue, Newark, N. J.

Please send, without obligation, complete information regarding home air conditioning.

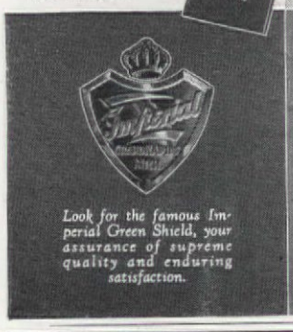
NAME .....

ADDRESS .....

CITY ..... STATE .....

Imperial tables are so designed that they contribute more than decorative beauty. That is why they invariably elicit exclamations of approval from guests, for Imperial tables are intrinsically useful, often serving a multiplicity of purposes. Of course, Imperial construction, styles and finishes are the best and newest obtainable. Inspect them at your nearest Imperial dealer's.

. . Send 10 Cents for this richly illustrated book that relates the romance of authentic period tables, and in which many Imperials are reproduced. Write Dept. AH-4.



Imperial TABLES

IMPERIAL FURNITURE COMPANY
GRAND RAPIDS, MICHIGAN

This New All Glass
CORNING COFFEE MAKER

USES NO METAL
NO PAPER
NO CLOTH—

NOTHING to spoil your coffee's own true flavor. Makes drip coffee that's really hot! Is all *clean, pure glass*—as easy to wash as a dish.

Excellent for brewing tea. Bottom bowl, used separately, makes a smart crystal pitcher for table service. Corning Glass Works, Corning, New York.

$3.50

CORNING COFFEE MAKER
T. M. Reg. U. S. Pat. Off.
Made of PYREX Brand Glass

An eloquent story if told only in pictures

Mott

The Home of Dr. Russell Sheets
Inglewood, California

MARJORIE D. KERN

NOWHERE else in the country is there so strong an incentive to have an up-to-date home as in southern California. Old houses become outmoded very quickly in this section because the preponderant majority of houses are new, built to accommodate the constant influx of new residents. Often the owner of the old-fashioned dwelling feels painfully conspicuous, as if everybody else were in step except himself.

But such owners may take heart at the modernization pictured here, which shows a striking transformation that was neither complicated nor expensive. Twenty-five hundred dollars was the total sum expended, including the new double garage added as a wing at one end of the building. The house was completely done over inside and out, but there were few wall changes and no wall changes which affected bearing partitions, as the original plan fulfilled the family's requirements.

The purchasers of this property had decided, when planning to invest in a home, to effect a saving by buying an old house and remodeling. Having first called in an architect to examine the h and assure them as to its s condition, they bought the p at a very low figure because o old style dwelling. A new hou equal size and design would cost them approximately $ and the property as a whole is valued at considerably more this. But by adding a mod sum for remodeling to the ori buying price, they are the p sors of a modern home ade for their needs in an architec style that will be good indefin

The timbers and all u pinnings of the old house found to be in good conditi quiring no repair. The or building was completely co from ground to roof with a growth of vines, some of whic become embedded in the joi the siding. These vines are lying on the ground after re in the "before" picture. The of the roof, by good fortun itself to the Cape Cod st which the owners were mos ticularly interested.

The re-designing of the e of the house was primarily a ess of simplification. The ba and the wide roof projectio their supporting brackets w

THESE *are the popular ways to cover your floors today*

Textures—Hooks—Twistweaves—Persians—the most popular rug and carpet styles in America. And every one is a Bigelow best-seller!

The Bigelow leaders in style and price which are shown here are Bigelow Fervak No. 9229 (rugs and broadloom widths), Bigelow Beauvais No. 669 (rugs and broadloom widths), Bigelow Twistweave broadloom, and Bigelow Sanforstan rug No. 7150. They cordially invite you to meet the rest of their large family in a rug department near you!

All Bigelow rugs and carpets are woven of Lively Wool—our own blend of the world's most resilient carpet wools. Look for the blue-and-gold label of the Bigelow Weavers.

"Bigelow's Folio of Room Recipes"—new, revised edition. The cook-book of decorating, with over 50 color schemes and recipes . . . helpful sketches . . . decorating hints. Free in rug departments or send 10c to Bigelow-Sanford Carpet Co., Dept. 47A, 140 Madison Avenue, New York, N. Y.

Copyright 1937, Bigelow-Sanford Carpet Co., Inc.

THE SECRET OF A *Confident* HOSTESS

SHE WELCOMES her guests with an ea
mind. She *knows* that the salad will be crisp
fresh . . . the roast juicy and full-flavore
The perfection of her dinner will not
marred by butter that tastes of somethi
else – or by vegetables that have lost th
garden freshness.

For *her* foods are kept in a modern air-co
ditioned ICE refrigerator which does *mo*
than just keep things cold.

Her refrigerator circulates clean-wash
moist air – and thus protects her foo
against rapid drying out and loss of flav
and food value. It constantly removes od
from the food compartment—eliminating
mingling of food flavors and making the
of covered dishes unnecessary.

Her refrigerator provides *complete* fo
protection not obtainable in any other ty

the AIR-CONDITIONED *Ice* REFRIGERATOR

3 Way – Refrigerati

in the air-conditioned ICE refrigerator m

CONSTANT COLD . . . uniform, safe temperatu
prevent spoilage

PROPER MOISTURE . . . to protect foods ag
rapid drying out and loss of flavor and nutr

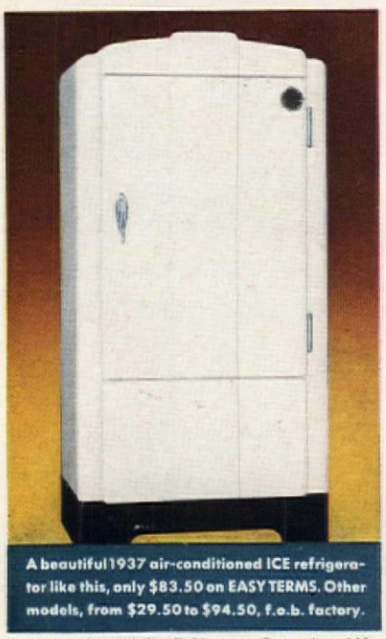
CLEAN-WASHED AIR . . . to guard against the
gling of food flavors.

The modern non-mechanical ICE refrigerat
trouble-free . . . built for lifetime service. It is s
cient that one servicing of ice lasts four to seven

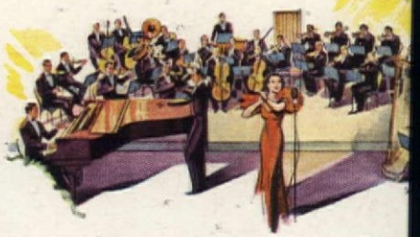
There is no need for any family to do with less
ideal refrigeration. The amazing new air-condit
ICE refrigerator costs remarkably little – ac
pays for itself in the food and ice it saves. See i
your local Ice Company's showrooms – *now*. A
have one delivered to your own home on Free

RADIO'S NEW MUSICAL THRILL

There's a grand radio show every Wednesday at 10:3
E.S.T., NBC Red Network...GLADYS SWARTH
famous star of opera, radio, and screen.
FRANK CHAPMAN, noted baritone...
a famous orchestra. Be sure to tune in.



A beautiful 1937 air-conditioned ICE refrigerator like this, only $83.50 on EASY TERMS. Other models, from $29.50 to $94.50, f.o.b. factory.



This emblem is a mark of efficiency and quality—a sign of purity and service

CERTIFIED ICE INDUSTRIES MEMBER

This advertising is sponsored by the country's leading Ice and Ice Refrigerator Companies. Address: National Ice Headquarters, 228 North La Salle Street, Chicago.

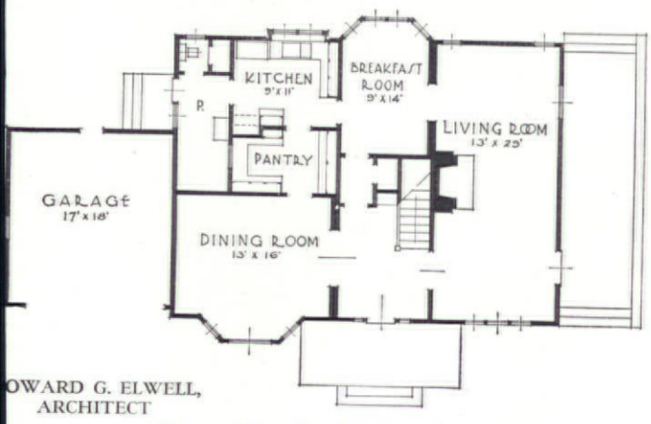
Remember – Cold ALONE *is not enough*

ved. A small balcony was sub-
uted for the large one off the
bedroom upstairs, to provide
lace for airing bedding. The
e central dormer in front was
oved and three small dormer
dows substituted. By adding
windows at each end, cross-
ilation was obtained for the
rooms, which before had no
ing on the front. The new dor-
s are centered over the front
and the two large lower win-
s, but the fact that they could
be spaced with exact symmetry
elation to the length of the
ding is unnoticeable, as the
ograph shows. A new front
and enframement was put in,
the bay window of the dining
n had a new copper hood
d. In the east wall of the liv-
room, at the right of the pic-
one window was removed
the door in the center moved
rd the front to balance the
window, this being done to
needed wall space in the in-
r opposite the fireplace. Ad-
nal space was also given in
rear wall of the living room
moving an old-fashioned high
t window in the center and
ituting two separate windows
ch end.

e old siding of the exterior
, stained brown, was left in
and given three coats of
white paint. The roof was
ngled with number one red
shingles, stained slate gray.
the interior walls were ori-
y over sand finished and in
al cases covered with burlap-
Some difficulty was experi-
in getting them smooth, but
by boning them down and using a soft gray paper beneath the regular wall paper, a smooth effect was obtained. Wallpaper was used throughout the house and the original sand finished ceilings were retinted. The interior woodwork of Douglas fir, stained brown and varnished in the old style, was painted bone white throughout. The white woodwork and wallpaper of gray and white makes the new interior light and airy in the modern manner, and cool and restful in tone. The kitchen and bathroom were tiled in white with yellow trim, with washable wallpaper on the walls and ceilings.

Improvements in the interior were brought about by several minor changes. An old-fashioned built-in buffet in the dining room was removed, painted, and used in the pantry as extra cupboards. On the back porch a shower and toilet were installed for the convenience of sea-bathers, as the house is not far from the ocean. The fireplace and mantel in the living room were re-designed and the small mouth changed to a larger opening. A new hardwood oak floor was laid in the second story, and the original floor downstairs was retained and covered with a carpet of warm gray. New plumbing fixtures were put in throughout, and the house was wired for electric cooking and an electric water heater.

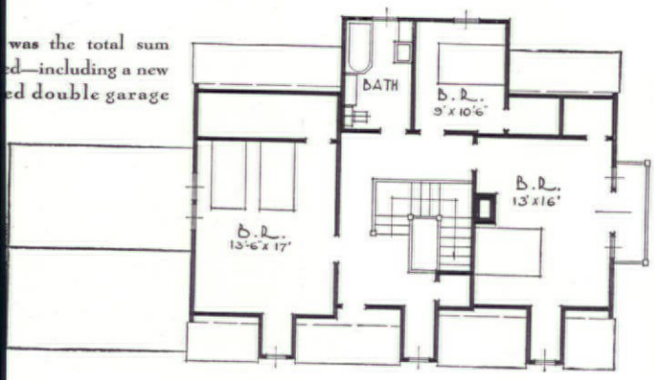
The work of re-landscaping the grounds has not yet been done. Supplementary base planting around the house is planned, a picket fence along the street front, and flower borders lining the walk.



OWARD G. ELWELL,
ARCHITECT

·FIRST·FLOOR·PLAN·

was the total sum
d—including a new
ed double garage



·SECOND·FLOOR·PLAN·

OVER THREE MILLION ROME "DE LUXE" BEDSPRINGS NOW IN USE

Know the Joy

OF LUXURIOUS SLEEP... THE *Burton* WAY

On the improved ROME 'DeLuxe' BEDSPRING and Slumberon MATTRESS

● Lie down on this luxuriously soft, even surface, and feel the tense kinks in tired nerves and muscles flow away as delicious soothing drowsiness enfolds your entire being. Enjoy the soundest, most peaceful sleep you have ever known. Slumber on through the night undisturbed by that vague uneasiness so often caused by sidesway, quivers or bedspring noises. Awaken in the morning with that joyous thrill of surging energy. That is the Burton Way!

● A special kind of rest offered by no other sleeping equipment, for only "De Luxe" bedsprings and Slumberon mattresses offer the exclusive patented features which make this sort of restful slumber yours. The 8 point anchors eliminate all shimmy and sidesway and the closed top coil prevents mattress wear. The Slumberon compartment sewed roll holds the mattress edge always square and true. The "Ortho Flex" Health Unit distributes weight evenly. These patented spring and mattress features assure even, healthful body support. See these wonderful Burton aids to better rest today.

Rome "De Luxe" Bedspring . . . Price *$19.75
Rome Slumberon Mattress . . . . Price *$29.75

The Vanity Fair Studio Couch
with patented Posturite design and the famous cradle-sagless comfort feature. Grace-line arms and back . . . makes full or twin beds by simply pulling out the drawer.
*Price *$49.50*

The Burton Chaisette
. . . for porch, yacht and summer home. Three practical uses . . . as a chaise, a deck chair, and a single bed. Simple in operation.
*Price . . . . . *12.95 up*

Burton-Dixie

WORLD'S FINEST SPECIALIZED BEDDING

Rome "De Luxe" Bedsprings • Slumberon and Vanity Fair "Ortho Flex" Mattresses • Cradle Sagless Studio Couches • Chaisette and Bed Gliders • Roll-About Beds • Emmerich Izolin Pillows • Izolin Down Comforters

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GUARANTEED

*West and South Slightly Higher

*Warehouse Service Stations in Principal Cities

MAIN OFFICE: CHICAGO, OTHERS BROOKLYN AND KANSAS CITY

"GREASY POTS SCORCHED PANS BUT THAT'S NOT ALL"

EVERY day women are writing us so many uses for S.O.S.—we wonder if there's any limit.

How many have *you* tried?

Here are a few suggestions. If we thought the list would reach the man of the house, we'd add several more—like shining golf sticks and de-rusting the tools.

•

S.O.S. SHINES

DULL ALUMINUM
GREASY STOVES
BURNED POTS AND PANS
CHARRED BROILERS
TARNISHED METAL
CRUSTED "PYREX" WARE
STAINED LINOLEUM
OVER 40 USES
in double-quick time

•

Really, if you haven't discovered this magic shine-dispenser, you owe it to yourself to get a package of S.O.S. the very next time you visit your grocer's, your hardware, department or five and ten cent store. Or, if you will snip off and mail the coupon we'll send you a generous free trial package.

FREE Paste this coupon on a post card and mail to The S.O.S. Company, 6204 W. 65th Street, Chicago, Ill., for a generous free trial package. Or if you live in Canada, address The S.O.S. Manufacturing Co., 365 Sorauren Avenue, Toronto.

Name _____

Address _____ 6

Don't make these mistakes in planting

[*Continued from page 40*]

about trees, shrubs, etc. was secured, new pages could be used for notes and new drawings made to show detailed or alternate plans for borders, garden, lawn, pool etc.

Of course none of the group had started that way, certainly not Jones. His place panted for shade, so he bought a lot of soft wood trees, neglecting to plant any of the durable hard woods in between. That is, he neglected it until lusty young branches began to cast so much shade, and surface-spreading roots started to take so much nourishment from the soil, that grass and shrubs both suffered. Finally Jones (to whom a tree was almost a sentient being) forced himself to chop down several. Then he planted oak, chestnut, and tulip trees to take their place. "Something to leave to posterity," as he liked to put it.

Jones made other mistakes. For instance, he set trees at equal distances on both sides of the house, presumably "far enough away not to overshadow it." Yet the house *was* shadowed, for a longer and longer time each day. The chief trouble was with the maple to the east, which stood in the path of the morning sun and had at last to come down. The locust on the west gave no trouble because its shadows fell parallel with the house, not on it. A tiny poplar sapling, planted too near the L, grew like Jack's beanstalk, but for a long time it was saved by its beauty and its aspiration to reach the clouds; its glistening leaves danced in the sunlight and at night it was hung with stars. But in time, when falling leaves began to rot the shingles and clog the gutters and there was serious danger that overhanging branches might crash down in a storm, Jones decided to operate. It cost him wages and compensation insurance for several men to get the branches cut and lowered without injury to the house—or the men.

Jones now has an advice code for tree-loving home ground-planters. It begins with that question of shade density:

An advice code

1. Never plant a tree without making a thorough study of shadows; first, as to the direction in which they will fall, and second as to their length and width.

2. Never plant without considering vistas. A tree well placed can frame or enhance a view; badly placed it can shut it off entirely.

3. Consider length of season. The ash, for instance, is one of the first trees to let the autumn sun shine through. For shade count on the Nor maple.

4. Autumn color is still other matter. The leaves of beautiful elm shrivel and while those of maple, cer oaks, pears, etc., continue in color. Red maples t early; the golden yellow weeks later.

5. For quick results buy a nursery, which always ha supply of young trees wit good "ball" of vigorous r ready for transplanting at proper season; or if you w use one from the woods, s one a year before it is war and see that the roots are p erly pruned so they will su less of a shock at the time are moved.

6. Never neglect to plan few evergreens. Even one two in the corner of a l yard will reward with s odor, shade, winter verd and shelter and food for b

* * *

The home maker soon beg think of his lawn and—if e iasm still holds—to think in terms. So he sets his garde borders as far from the ho possible and sees, in imagin a fine sweep of green with rounding glory of color beyo fair dream indeed *if* weed be kept down and the gra ways cut; but for that "if" a leisure hour must be sacr Jones, when he discovered last, had the middle of his ploughed and harrowed an garden moved into it, som nearer the house.

Another thing he learn time—was the mistake of grass seed—just any grass without considering whet was to be planted in shade in damp spots or in hig places. When he found th seed growers and dealers h veloped grass mixtures to these various conditions he another warning to his co read as follows:

7. Study your ground select your seed with care if you ask a dealer (or known reliability) to do you, send him the dimen of each type of ground planted.

To this he might add a ing about grass cuttings, beginners usually rake u throw away, to the horror perienced gardeners. A grass is—or should be—the the compost heap. The re simple enough: A thick la grass clippings; a little ma other fertilizer; a few hand lime or ashes, and vegetab bage such as pea pods, corn cabbage leaves, and other greens, etc. After the rain descended upon a pile m layers of such material alt with strata of soil and a pile has been turned once

"I use the Classified Telephone Directory"

Do as he does, if you too like to save time and effort when you buy. Just turn to the 'yellow pages' for the nearest authorized dealers of products and services that you want.

CLASSIFIED TELEPHONE DIRECTORY

Paints-Retail.

DEVOE & RAYNOLDS PAINTS & VARNISHES

Famous 2-Coat System for Exterior Painting. A Complete Line of Quality Paint Products. Superkleen Paint Brushes.

DEVOE PAINTS

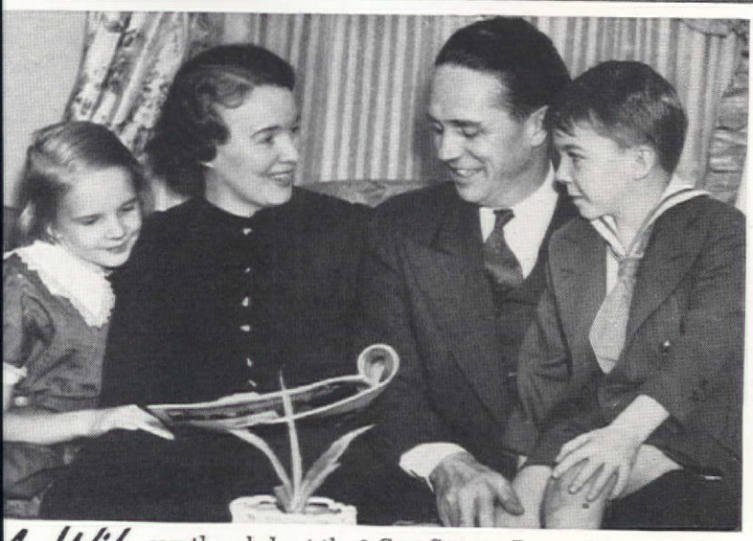
"WHERE TO BUY IT"

DEALERS

Agor Bros Mahopac Falls Mahopac-418
Barlow & Co Riverside or Croton On Hudson Croton-3159
Bedford Hills Paint & Hardware Co Bedford Hills Ossing-159
Barlow & Co 129 Main Irvington-1270
Bing August 81 Main MtKisco-4666
Brewer R C 46 E Boston rd Mamaroneck-1280
Carmel Lumber Co Inc Brewster or Carmel-202
Carpenter Louis 7 E Main MtKisco-5210

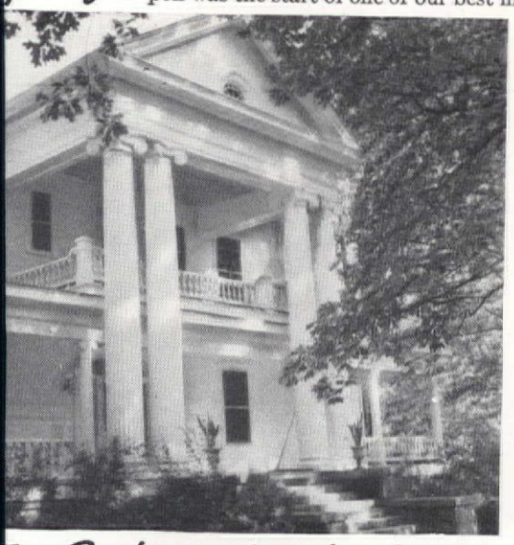
"Why shouldn't I grin? I saved $79 by using Devoe's new Two-Coat System"

ACTUAL EXPERIENCE OF WALTON JACKSON, GAINESVILLE, GEORGIA



My Wife saw the ad about the 2-Coat System. It sounded good but we wanted to be shown. As it turned out, sending that coupon was the start of one of our best investments.

I Asked the Devoe people about this new 2-Coat System. The facts they gave me were convincing. So, I decided that I would give the new paint a trial.



Two Coats were put on my house, instead of the usual three—saved time, labor and money.

My House looks great. It's much whiter and, for the first time, paint is staying on the columns.

"Everything my Dealer said about Devoe's Two-Coat System is true.

IT SAVES MONEY —AND RETAINS ITS WHITENESS."

EVERY HOME OWNER CAN SAVE MONEY—Just Send for Free Book.

SIMPLE BLOTTER TEST EXPLAINS AMAZING STORY

(*Left*) Blotter painted with conventional paint.

(*Right*) Back of blotter shows conventional paint soaks thru.

(*Left*) Blotter with the new Devoe House Paint Undercoat.

(*Right*) Devoe seals the surface. Keeps oil in paint.

Wood, or the old paint, is as effectively sealed as this blotter! Cannot sap the life from Devoe Paint. See this test at your Devoe Dealer's, or in the free book.

ASK ANY ONE who's used the 2-Coat System; the answer will be the same. Results prove it saves as much as 50% in cost—lasts twice as long as ordinary paints.

The reason? Two paints are used—each developed for a special purpose. The first seals the wood, or old surface. The second is brilliant, white, weather-resisting. Together, they combat cracking, checking, peeling, fading.

Get all the facts. Write for the free book. Talk to your Devoe Dealer. Usually his name is listed in your Classified Telephone Directory.

DEALERS: Devoe Franchises are still available. Responsible dealers are invited to write for details.

FREE BOOK — MAIL THIS COUPON

This book answers your own paint problems. When to paint—What are best colors—How to cut costs—arrange financing. Send today.

DEVOE & RAYNOLDS CO., INC. AH-2
1 West 47th Street, New York, N. Y.
Send me your free, illustrated book.

Name_____

Address_____

City_____ State_____

Employ a Reputable Painter—Specify Devoe

DEVOE *House Paint* THE NEW 2-COAT SYSTEM

DEVELOPED BY AMERICA'S OLDEST PAINT COMPANY—EST. 1754

Smother Sneezes with the

KLEENEX HABIT

• Sneezes scatter germs during colds . . . so adopt the Kleenex Habit the instant sniffles start! These inexpensive tissues help protect your family and friends. For Kleenex holds germs, thus checks the spread of colds. Simply use each tissue once — then destroy, germs and all.

What's more, Kleenex soothes tender noses. And here's more relief—the Kleenex Habit means fewer handkerchiefs to wash! Because many tissues cost less than having one handkerchief laundered, Kleenex saves money, too.

Keep Kleenex in Every Room. Save Steps—Time—Money

To remove face creams and cosmetics . . . To apply powder, rouge . . . To dust and polish . . . For the baby . . . *And in the car*—to wipe hands, windshield and greasy spots.

No waste! No mess! Pull a tissue—the next one pops up ready for use!

KLEENEX

A disposable tissue made of Cellucotton (not cotton)

and rotted and frozen for a year or so, the most wonderful plant food is ready. "Gold for your garden and at no cost at all," an old colonist always calls it.

* * *

Almost every home maker has two things to begin with—a bit of money put aside for the grounds, and enthusiasm enough to undertake anything. This too often means ambitious projects that cannot be lived up to when the money is gone and one's time is absorbed by other affairs. Take orchards, for instance. The serpent still lingers there, at least as far as Adam is concerned. The most careful men will yield to temptation, plan for more fruit than a family could possibly use, overlook the lack of profitable markets, and blind themselves to the constant need for soil food, trimming, and spraying.

Jones did all these things, though it must be said for him that he planted his trees well, with plenty of room for apple boughs to spread and sunlight to reach peaches, pears, and smaller fruits. It was the spraying that downed him at last. As the trees grew (some too high, since he neglected to prune them), the matter of large-scale spraying, three times every busy spring, became a serious consideration, for he had children to support and civic duties to be performed. That is why he now so feelingly offers this particular warning:

8. A few good trees, not too far from the house, for those who want the fun of caring for them and of harvesting a small crop of really good fruit.

* * *

Most people have favorite vines and shrubs that they know and order at once. Jones went along with the rest. He wanted to flank the entire length of a stone wall that bordered the road, so he bought a pleasing assortment of ramblers, honeysuckles, spireas, etc., with the idea of planting six every twelve feet or so. When the puny things arrived he was dismayed and just on the point of ordering more when his neighbor advised him to plant only half of them or less and give the rest away. But Jones stood firm against that and, for a year or two, felt justified in his decision. Then two hydrangeas began to overshadow a silver-lace vine and finally to elbow each other for room. Jones took one up and sent it to his neighbor who gave it plenty of space. By the time the baby had grown to high school age, that shrub had attained to a girth of thirty-nine feet and was still growing!

Other shrubs had to come out, too. Jones, who was a great reader, hated to give his precious leisure to getting them out, but not until he had strained his back did

FEMININE HYGIENE *made easy*

Norforms Action Explained

Norforms are small, convenient antiseptic suppositories completely ready for use. They require no awkward apparatus for application. They leave no lingering antiseptic smell around the room or about your person. They are dainty and feminine, soothing and deodorizing. Many women use them for this deodorizing effect alone.

THINK OF IT! Effective feminine hygiene without apparatus—without embarrassing, antiseptic odors—without danger of an "over-dose" or "burn."

Millions of women now use Norforms—convenient little suppositories, powerfully antiseptic, yet soothing. Norforms melt at internal body temperature and spread a protective film over delicate, internal membranes—an antiseptic film that remains in effective contact for many hours.

• A distinctive and exclusive feature of Norforms is their concentrated content of *Parahydrecin*—a powerful and positive antiseptic developed by Norwich, makers of Unguentine. *Parahydrecin* kills germs, yet Norforms are non-irritating—*actually soothing.*

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Send for the new Norforms booklet, *"Feminine Hygiene Made Easy."* Or, buy a box of Norforms at your druggist's today. 12 in a package, complete with leaflet of instructions. The Norwich Pharmacal Company, Norwich, New York, *makers of Unguentine.*

NORFORMS

© N. P. C. 1937 Known to Physicians as "Vagiforms"

he hire a stronger man to do work. It took all the money had saved with a view to bu new rose bushes—for of co the original crowded, shaded had deteriorated or given up struggle altogether. Even ram cannot do their best when cr ed, or when too near poplars, eysuckles, or other surface- ing plants. Roses are the mos clusive, as well as the most ished, of all garden friends their demands for sunshine, and root space must be met. result of these unhappy ex ences, Jones now has an "don't"—or rather a "do" the uninitiated:

9. Ascertain how much ro the "grown up" vine or sh will require and allow for t much in planting; then fill spaces between with annuals with fine bushy perennials s as peonies. They will be easy move when the perman things begin to crowd them. And don't forget vistas. Shr as well as trees, can shut the view.

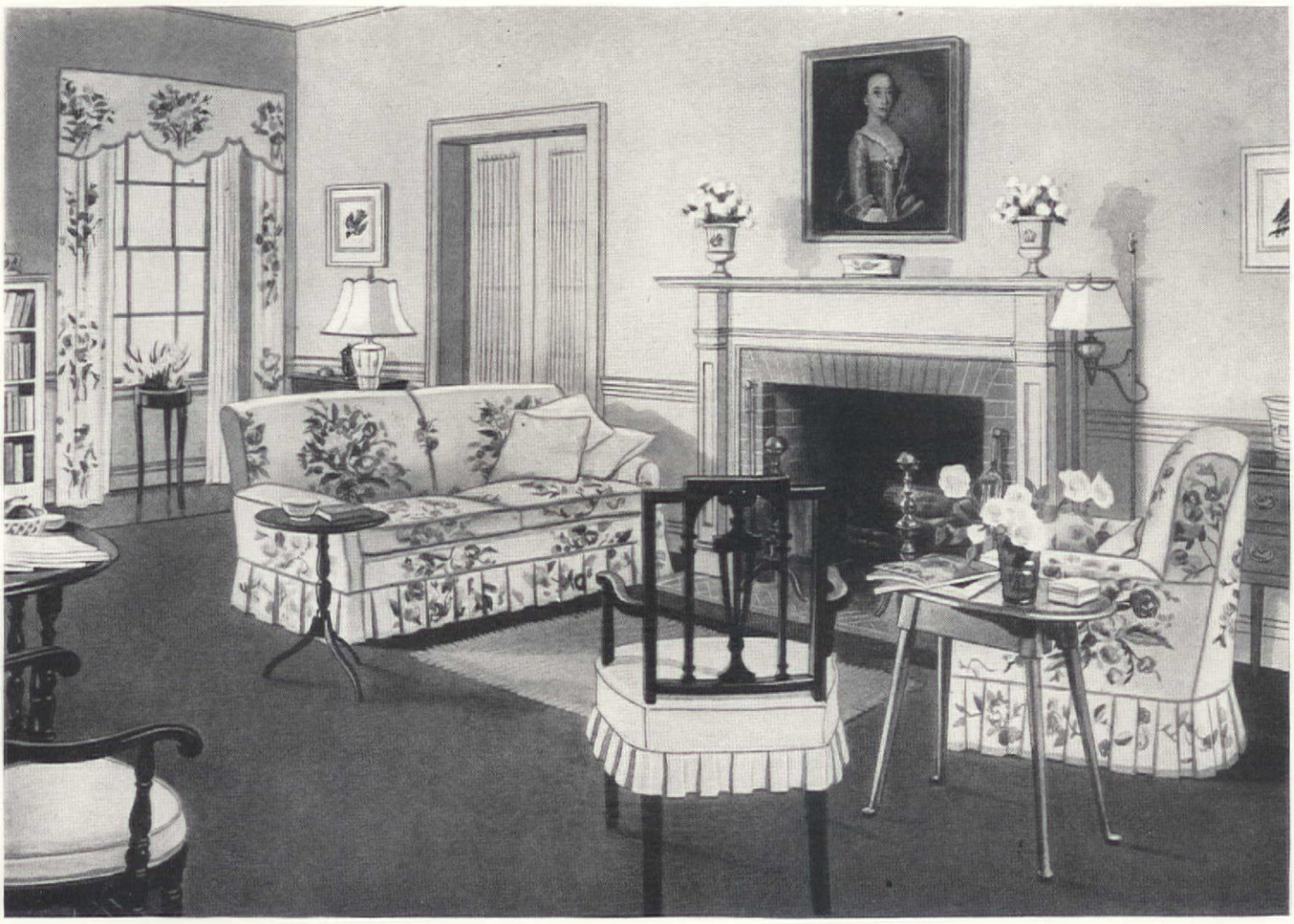
Many beginners select vine shrubs for the sake of their s blossoms, but there are other ities that should be taken consideration — autumn be for instance, of the kind tha snowy Clematis paniculata and the gorgeous and long-e ing red fruits of the barberr firethorn bushes. Elderberr other shrubs that attract the are growing in popularity, are those that give out frag notably the honeysuckle, th fashioned creamy mock (Philadelphus), and of cour dooryard lilac.

Another word as to Fences, trellises, and arbor are expected to support should be strong, for vin velop far more wood, and fore more weight, than possible when the young c are planted. Also, supports be painted and or otherwis tected to prevent the rottin takes place so rapidly whe light is shut out by heavy And, speaking of grape not everyone realizes that good fruit and plenty of i must be root room and ab sunshine. That means prun mere unrestrained beauty vines, not so easily shrive early frost, are excellent bors—honeysuckle, wisteria petvine and, for dense Dutchman's pipe. One of t satisfying of wall vines comparatively unknown glossy-leaved, evergreen eu that is so quick to show its ciation of a warm outsid ney to climb on—if there ters to protect it from h sulting from dripping ea

* * *

Once, on a rainy day, J

UT *Spring* INTO WINTER-WEARY ROOMS



you can do it at little cost through this *Decoration Service*

ıch wintry rooms with color, gai- by dressing them in new spring rics! Let Singer show you how— ɔugh its new Home-Decoration vice now offered at your Singer ing Center. Almost before you w it, there'll be cool, crisp cur- s at your windows, springtime covers on your couch and chairs nd, in your bedroom, smart new ions, bedspreads—even deep-pile . An invitation to contented living! o to your nearest Singer Sewing ter today and find out how, through personal instruction, you can learn the modern, easy ways to make every type of fabric furnishing . . . how you can quickly master the little secrets professional decorators use to get smart effects. No need to skimp—for you pay only for materials. You can have the *best*, yet save fully half the price these lovely furnishings would cost you custom-made!

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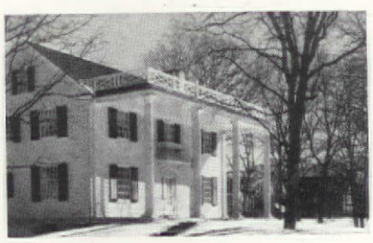

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ured up the time and money he could have saved if he had taken up the study of garden problems and methods as a leisure time hobby for even just one year before he moved to his country place. He never tells people what those figures totaled—he is going to forget *them*, he says, and remember only the pleasure he had in trying out his experiments and attaining at last his present, satisfying results.

Have you a paint maintenance program?

[*Continued from page 42*]

beyond its period of durability and passes through a period of neglect during which the coating breaks up in a manner characteristic of the type of paint. Some paints, even after long neglect, can be repainted with reasonable assurance that the new job will be just as durable as the last one. Other paints leave an uncertain surface on which a new paint job may break up much too soon. Of course, the old paint in the latter case can be removed but paint removal is too expensive to have any place in a program of extreme economy. For such programs white or light colored paint must be chosen rather for their ability to stand neglect well than for their qualities during their normal period of durability.

Pure white lead paint, in which white lead is the only pigment other than necessary tinting colors and linseed oil is the only liquid except thinners and driers, has long been used successfully in programs involving periods of neglect. Since white lead paint was the only high grade white paint available until comparatively modern times, painting traditions in this country are largely based upon its characteristics. Pure white lead paint develops chalking and checking fairly early in its life and it wears down with moderate rapidity. It is therefore called a soft paint in contrast to hard paints with opposite qualities. Soft paints stand neglect well because they disintegrate eventually by fine crumbling rather than by cracking, curling, and coarse flaking or scaling. When repainted after a period of neglect, soft paints are little more than a porous mass of pigment "chalks;" oil from the new paint thoroughly permeates the old coating and incorporates it with the new. The new job therefore behaves much as the previous one did and has about the same durability or wearing quality.

Programs with four or five years between paintings are best adapted to the needs of owners who wish to keep their property well maintained at all times wit out extravagance. For such pr grams any one of the many typ of good house paints may chosen at the outset but the after it is wise to repaint alwa with the same type of pai Changing types of paint at su cessive repaintings opens the pr gram to unnecessary possibility failure because paints of differe types are not always compati with one another. Too much riation in composition betw successive layers of paint app ently increases internal stres within the coating as it ages causes it to break up abnorma early or in an objectionable unsightly manner.

In conservative programs this kind the surface should repainted before the coating gins to break up seriously. It dangerous to wait until conspi ous cracking, curling, and flak prove that the durability of paint has been stretched to limit. The temporary saving fected by postponing repaint for a few months may shorten life of all subsequent paint j and eventually require expen removal of the entire coat When paints that do not st neglect are used, repainting sh anticipate rather than follow breaking up of the coating.

Repainting should restore to surface approximately the am of paint worn away since the vious painting. If too much p is put on at a time the coa eventually becomes too thick may break up so badly tha must be removed. Hard pa wear away less between paint than soft paints; the harder paint the less of it should be plied at each repainting. painter gauges the amount plied partly by the numbe coats and partly by the e to which he brushes each coat With soft paints two coats at repainting may be neces while with hard paints it ma safer to apply only one coat much the same reason diff parts of a house may re varying amounts of paint be less paint wears away from parts which are more shi from sunshine.

Programs in which repai may be done at intervals o than four years are some necessary for commercial ings but as a rule are inadv for residences. On the pro parts of the house particular paint does not get time to w sufficiently to be in best con for repainting and it wears so little that the coating sarily becomes thicker at painting. Under these con it is especially important th new paint be as nearly as p like the previous paint in position and that paints wit

Why— ARE SOME ROOMS SO HARD TO HEAT ON WINTRY DAYS

BECAUSE so much of your furnace heat keeps leaking *away* through walls and roof. And this summer the burning sun will leak *in* through walls and roof, stuffing the house with heat by day and daring you to sleep at night!

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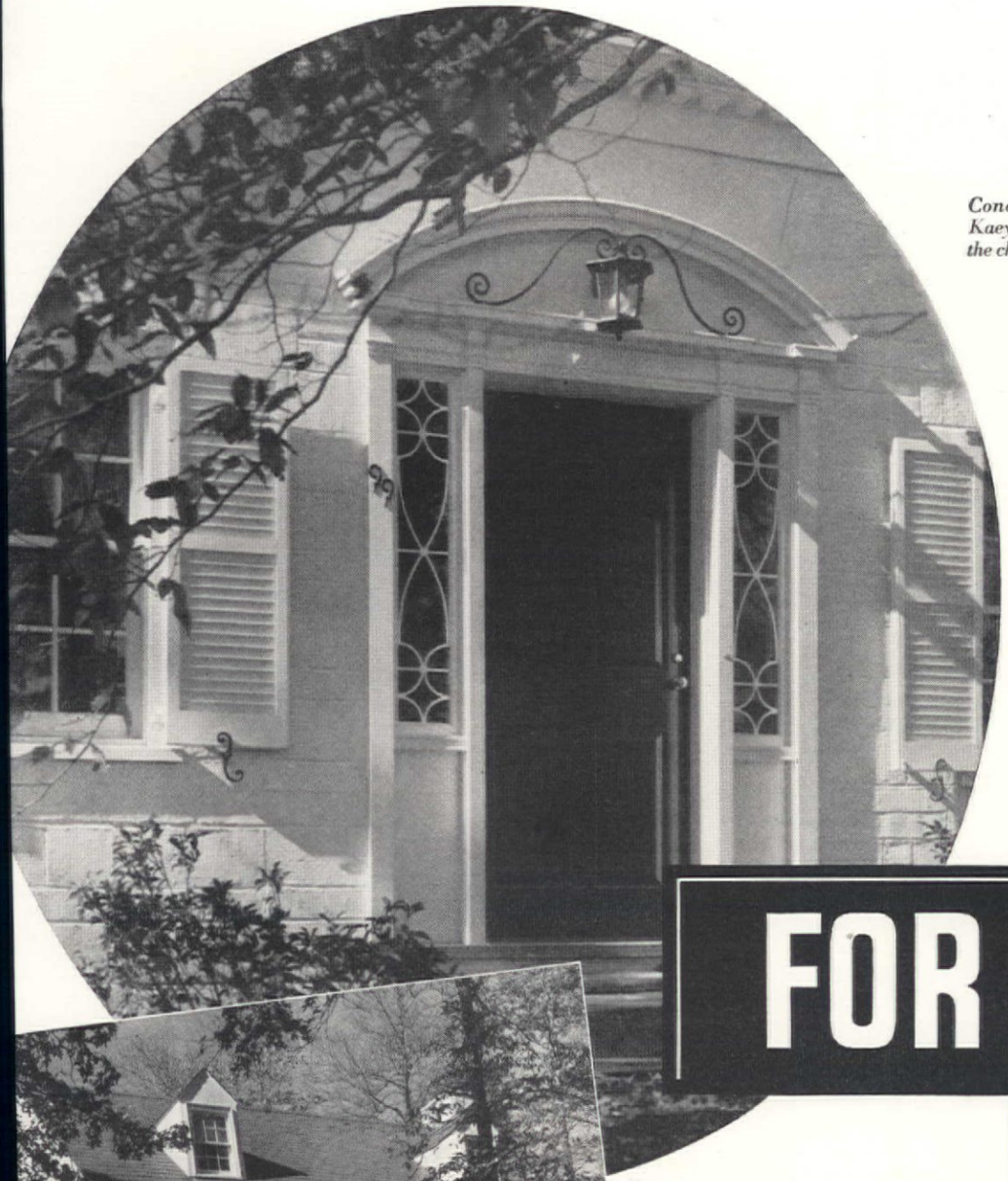

Concrete home, Bronxville, N. Y. Erik Kaeyer, Yonkers, N. Y., architect. Example of the charm concrete gives to the Colonial home.

FOR SALE..

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It scarcely seems possible—yet actual figures show that any home buyer can afford the many advantages of concrete.

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Remember, your concrete home is firesafe, proof against storm, termites and decay. It is snug and dry in winter, cool in summer. Its floors do not sag or creak, its doors and windows do not bind. You can have your favorite architectural style, your favorite color and texture with concrete.

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were built into new homes last year. Concrete floors are fireproof, rigid, warm and quiet—and low in cost. Simply colored and waxed; or given terrazzo, linoleum, wood, carpeting or other covering—different in every room, if you like. No home is modern without concrete floors.

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hiding power be chosen so that they may be applied as thinly as possible. If exceptionally good appearance is desired it is often safer to use paint of a hard type that can be washed easily once a year rather than to repaint at short intervals.

To follow a consistent program of maintenance the owner must learn how to identify the type of paint he has decided to use. House paints other than white lead paint are sold by manufacturer's brand, not by type, and the manufacturer reserves the right to change the formula at will. In recent years such changes in formula have been of frequent occurrence. In many brands the white paint and the tinted paints differ markedly in type; in any brand the deeply colored paints necessarily differ greatly from the white and tinted paints. For these reasons the manufacturer's brand does not identify paints by type. Many manufacturers, however, print the formula of the paint on the label. Although adequate interpretation of the formula requires much technical knowledge of paint composition, it is a comparatively simple matter to use the formula for selecting paint as similar as possible to that used the last time. Each paint used successively should contain the same principal ingredients in approximately the same proportions.

Attempts to improve upon old-fashioned white lead paint for the most part have aimed at retarding chalking, checking, and erosion, and improving opacity and whiteness. All of these objectives have been achieved, but the newer paints are necessarily harder in type and cannot be relied upon to stand neglect. Repeated neglect of hard paints ultimately leads to a condition demanding complete removal before new paint can be relied upon to give satisfactory durability. Such paints are not intended for use in accordance with the old painting traditions based on white lead paint because their manufacturers designed them for more exacting programs of maintenance. Their superior appearance during their period of durability can be utilized safely only if reasonable care is exercised to see that they are always repainted before they begin to break up.

White paints other than white lead paint always contain a mixture of pigments one of which nearly always is zinc oxide. Mixtures of white lead and zinc oxide have long been popular. Zinc oxide is the hardening agent in linseed oil paints; the greater the proportion of zinc oxide in the pigment the harder the paint. Zinc sulfide pigments, such as lithopone, and titanium pigments are more opaque than white lead or zinc oxide and make whiter

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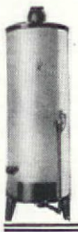

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paints with greater hiding pow
The present trend in the indus
is to use zinc sulfide pigments
cheaper paints and titanium p
ments in high grade exte
paints. Such pigments as sil
magnesium silicate, barium
fate, calcium carbonate, and
cium sulfate are transparent
linseed oil and are used prima
to reduce cost or to increase
total amount of pigment with
increasing the cost. Until rece
nearly all high grade house pa
were made with linseed oil
attempts are now being mad
introduce various resins in
form of oil varnishes or synth
drying oils. Resins harden p
much like zinc oxide so that
often necessary to reduce or e
inate the zinc oxide as resi
added. The resins likewise
strongly to make the produc
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makes it less amenable to
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oil or a major part of it. S
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a major part of the linsee
results in an enamelized pain
enamelized paints free from
ins the content of zinc oxi
the pigment is often very
Substitution of soy bean oi
part of the linseed oil in
paint tends to make a s
product whose use is fa
primarily to gain a market
relatively new domestic
crop becoming more abunda

The best way for a pro
owner to select a type of
for a new house is to ob
houses in his neighborhood
were painted with it one,
three, and four years previ
Such observations are infi
more revealing than any
source of information. It s
be remembered that the ap
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tervals during its life so
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seen to learn the whole sto
the other hand the shaded
of a house and the fully e
parts show paint at di
stages of deterioration a
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bors have coatings that are
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hastily to the quality of th
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has been consistent and th
paint is giving its normal s
A survey of this kind wil
very clearly that after all t
ticular type of paint ch
usually much less importa
insistence upon a progr
paint maintenance to wh
paint is properly adapted.

The maintenance progra
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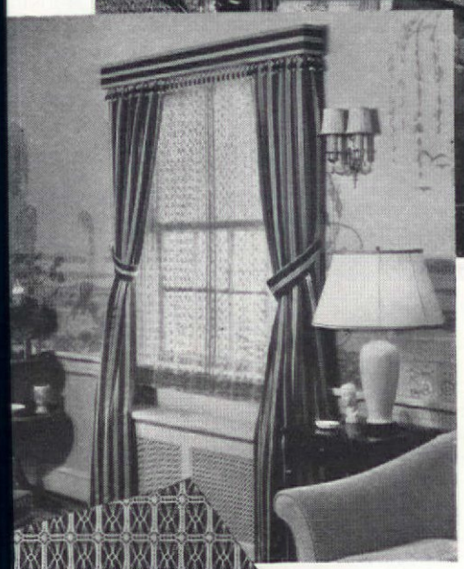
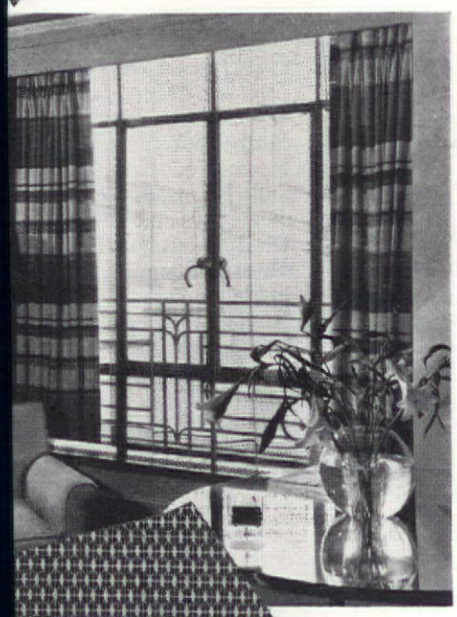
the assumption that th

One of many figured Scranton Net Curtains appropriate to nineteenth century furnishings is illustrated above: No. 48407.



American in spirit and design, Scranton Net Curtain No. 89436 provides the right background for a colonial room.



Modern window decoration demands simplicity and light—as exemplified in Scranton Net Curtain No. 47754.

CURTAINING YOUR LIVING ROOM

No. 1 of a series of articles on home decoration sponsored by the Scranton Lace Company

By LURELLE GUILD

As the heart of home, a living room must show signs of use, a certain informality and a definite beauty that invites conversation and relaxation. Its arrangement must provide for sunshine and contrast, for reading and entertainment. Music and games are apt to be affairs of a moment; yet the piano must be carefully placed for good lighting and the radio for ease of manipulation. Bridge tables and chairs can, of course, be kept folded in a convenient closet when not in use. Draperies and glass curtains for the living room should be as beautiful as your purse will allow—providing always that they harmonize with your other furnishings. Do not overload a simple Colonial home with elaborate velvet hangings or use frilly ruffles with ultra-modern furniture. Plain draperies and figured glass curtains should be used to set off flowered wall papers. But where the walls are plain and the glass curtains simple, the draperies should be figured and colorful to provide the proper contrast.

In formal period rooms, the classic treatment is always appropriate and beautiful—with full-sash Scranton Net Curtains framed in heavy, floor-length draperies. For example, the Victorian living room illustrated at the top of the page requires a floral net across the windows to harmonize with the overstuffed furniture and give due prominence to Norman Rockwell's fine portrait of Ichabod Crane. Design plays an important rôle in such a decorative scheme and no part of a room offers greater opportunity for emphasis than do the windows. But the American Colonial room directly below demands more restraint. Here ecru Scranton Net Curtains have been used to blend with plum colored draperies and apple green walls and add sunny cheerfulness.

The modern room illustrated at the bottom of the page meets the modern architect's demand for a flood of silvery light. Everything is bold and direct. Blending with the blue-gray of walls and ceilings, harmonizing with rugs and furniture, the Scranton ecru net curtains give just the proper background for the contrasting horizontal bands of the heavy overdrapes.

To insure the proper use of net curtains and overdrapes, there is one simple rule to remember—with plain draperies and valance, the glass curtains should be gayly figured; but when the draperies are richly elaborate, the glass curtains should be formal and simple. They go by opposites.

(Next month the second of this series will deal with Curtaining the Dining Room.)

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This remarkable maker of perfect waffles is *fully automatic.* The little red light signals the instant that the grids are preheated exactly right, ready for the batter. It signals again when the waffle is done to crisp, dainty perfection. You simply *can't* go wrong.

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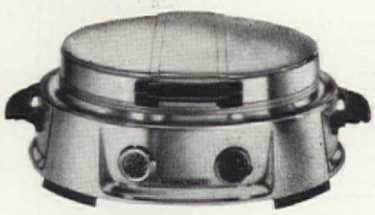
See America's best Waffle-Baker—and other fine Toastmaster products—wherever quality appliances are sold. . . . *McGraw Electric Co., Toastmaster Products Division, Minneapolis, Minn.*



TOASTMASTER
Waffle Baker

TOASTMASTER PRODUCTS—Waffle-Baker, $12.50 . . . 2-slice fully automatic toaster, $16.00; with choice of Hospitality Trays, $19.75 or $23.50 . . . 1-slice fully automatic toaster, $10.50; Junior toaster, $7.50.

walls of the house remain dry at all times and that water never gains access to the backs of the painted boards. Unfortunately there are some houses for which the assumption is unsound. In some of them rain gets behind the painted woodwork through leaks resulting from faulty construction such as omission of necessary flashing around windows, doors, dormers, roof angles, and back of gutters. The more common cause of such difficulty, however, is condensation during times when the interior of the house is heated while it is cold outside. Humidification of the interior at such times aggravates the difficulty. Water behind painted woodwork causes blistering and subsequent scaling of the paint. Such developments may destroy the integrity of the coating within a few months after it is applied. Soft paints resist abnormal moisture conditions more effectively than hard paints, while heterogeneous coatings consisting of paints of different types are often exceedingly sensitive to them. The only reliable way of assuring satisfactory paint service on houses subject to abnormal moisture conditions is to find means of keeping the backs of painted woodwork absolutely dry at all times.

The secret of successful paint maintenance over a long period of years lies in strict adherence to a program that has been proved satisfactory by actual experience in the past. The scientific principles that govern paint behavior still await discovery and until they are revealed our knowledge of the subject must remain essentially empirical. There is no magic paint formula that can be relied upon to behave satisfactorily over all other paints on the market. The property owner himself should see to it that his program, both with respect to the paints used and the intervals between painting, is so planned that there is past experience to give him reasonable assurance of success, unless he is willing to trust to luck and pay the penalty if it turns out badly.

The Swallows build a nest

[*Continued from page 28*]

a picket gate to broad, low steps, which invite one to enter through the simple doorway into the traditional tiny "entry" from which, as in all New England houses of this type, doors open to either side and a staircase leads straight upward to the bedrooms on the second floor.

But the door to the right, instead of opening into the box-like "best room" of the early homes,

Real old-time flavor in

Molasses Gingerbread

—that's what menfolk fall for . . . .

you can get it only with real plantation molasses

IT'S the most important ingredient for good gingerbread—full-flavored, old-time molasses.

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Pour in the mellow richness of Brer Rabbit Molasses—and you have gingerbread that for downright goodness has no equal. Brer Rabbit is made from selected grades of freshly crushed Louisiana sugar cane.

Try Brer Rabbit Molasses in your next batch of gingerbread. Enjoy its old-time flavor. And notice the fine texture of your gingerbread.

A new kind of shortcake! Cut hot gingerbread in squares and split. Place cut-up oranges (or whole sections, free from skin) between the layers, and sprinkle with powdered sugar. Top with whipped cream.

Better cookies, too, with Brer Rabbit Molasses

It's just as important to use real plantation molasses in cookies if you want a delicious, mellow flavor. You'll find grand cooky recipes in Brer Rabbit's brand-new book of molasses recipes. Mail coupon for free copy.

BRER RABBIT *Real Plantation Molasses*

FREE **New Recipe Book**

Penick & Ford, Ltd., Inc.
Dept. AH30, New Orleans, La.

Please send me the new Brer Rabbit book with 100 recipes for gingerbreads, cookies, cakes, pies, muffins, etc.

Name_____

Street_____

City State

leads into a spacious living r
extending across the width c
house and with windows on t
sides—the sort of room whe
number of people can engag
varied interests without ge
in one another's way, and t
fore ideal either for family li
the entertainment of friends.

The fireplace is nicely cent
on one of the long walls an
rectly opposite is space for a
sofa, or perhaps a conver
daybed lounge to provide
tional sleeping accommodatio
an emergency. With comfor
chairs grouped on either si
the fireplace, lamps and
tables for books and smokin
pointments, and a low coffee
placed before the sofa, the
is set for the rallying gr
which is the heart of the
A baby grand piano might
cated at one end of the long
for the music lovers, and a li
arrangement with books
and desk at the other.

At the rear, almost in line
the door leading into the c
room, is one opening up
room-size open porch, whic
cause of its accessibility t
kitchen can be conveniently
ized for an outdoor dining
yet is not so closely related
as to prevent its use also as a
mer sitting room.

Another praiseworthy f
of this house is the little ro
the left off the front hall, a
which opens as well into th
ing room, from which it
a step to the adjoining ki
and so to the garage and s
entrance.

In the old days such a
would have served as a dow
bedroom and might now b
ized for that purpose shou
member of the family be t
rarily invalided or find
climbing difficult. But it su
also a nursery, where the cl
can be looked after while
is occupied with kitchen
and also makes a grand pla
where toys and things can b
tered about without dist
the serenity of the rest
house. A closet in which
the toys when "pick-up"
comes around is an esp
helpful feature.

Because of its location, it
a grand study room for old
dren going to school, for he
can be shut off from the
the family and be undistu

If there are no children
considered in the househ
rangements, this room w
vide an ideal retreat for a
engaged in literary pursui
it is well lighted and has
of wall space for bookshel
cabinets. It might also
verted into a game room
ing room, or a corner w
man of the house can call
All in all, it is a very usab

IT'S Berkey & Gay

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and DEPARTMENT STORES

From Coast to Coast

PRESENT THE

CORONATION GROUP

Feature Attraction for

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APRIL
10 TO 17

The Coronation

his truly English dining-room suite of all ahogany is redolent of quiet regality. With spiral turnings, fine proportions, delicately laid panels of Cuban mahogany swirl, and strained hand carved ornamentation, it beeaks the dignity and character its name spires. The richness of the mahogany is centuated and protected by the finest of nd-rubbed finishes.

The Princess Elizabeth

As destined for unbounded popularity as the Princess for whom this all mahogany group is named, it, too, is typically English. Artistically shaped front of the dressing table, slender graceful spiral turned posts of bed and cabinet pieces, rich inlays, hand carved ornamentation, luxurious mirrors, and selected antiqued hardware — all are in keeping with this authoritative design.

ONLY America's finest stores — stores consistently deserving of your confidence and patronage — have been accorded the privilege of a premier showing of Berkey & Gay's Coronation Group — dining and bedroom — during nation-wide Berkey & Gay Week April 10-17.

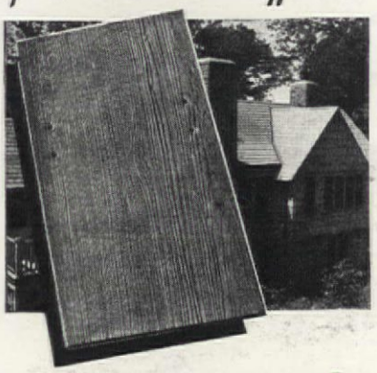
Designed especially, and in limited quantity, to honor the occasion of the English coronation this Spring, these are truly "furniture gems" from the skilled hands of famous Berkey & Gay artisans. Regally they portray the richness of true English design. They are, indeed, masterpieces in rare woods that will grow more precious and, with the years, more beloved in your home — for the artistry and the meticulous care that go into the fashioning of each piece are the essence of enduring character. To your guests you may say of them, with confidence and just pride, "It's Berkey & Gay."

We join with these leading stores in extending to you cordial invitation, during Berkey & Gay Week, to view and judge for yourself the matchless merit of The Coronation dining room and The Princess Elizabeth bedroom bearing "Furniture's Proudest Coat of Arms."

BERKEY & GAY FURNITURE CO.
Grand Rapids . Michigan

Furniture's Proudest BERKEY & GAY FURNITURE *Coat-of-Arms*

The Natural Beauty of Weathered Cypress



..in a man-made material that's FIRE-PROOF and ROT-PROOF

HERE'S what you have always wanted—a roof with the charm of cypress, beauty of line and color, yet fire-proof, rot-proof and time-defying. You have all these features in Eternit Timbertex Shingles, and at a surprisingly low cost.

These sensational shingles, with ¼" thick butts, are made from age-enduring asbestos-cement. Their texture reproduces lovely weathered cypress, aged and mellowed. And no paint or stain will ever be required to prolong their life. Their colors are soft and rich, and in beautiful "wood" tones.

If you plan to build, re-roof or modernize, you will be enthusiastic about the many value-giving features of Eternit Timbertex, which are reflected in added beauty, life, safety and economy. Send in the coupon below for full details on these and other money-saving RU-BER-OID Building Products.

and for BATH *and* KITCHEN WALLS ... NEWTILE

Has the beauty of Ceramic tile at a fraction of the cost. The asbestos-cement panels are 32 x 48 inches. Easy to cut, fit and install. Investigate.

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ROOFING AND BUILDING PRODUCTS

FREE BUILDING BOOKLET

A.H. 4-37

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500 Fifth Avenue, New York, N. Y.

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Name.....

Address.....

City.....*State*.....

either for family or professional pursuits, easily accessible, yet set apart.

In the matter of furnishings for a home of this character, one need not be hidebound to tradition, but simple maple furniture, candlewick bedspreads, hooked and braided rugs, and ruffled muslin curtains are all so readily obtainable at such modest prices that it seems a pity not to use them in the second floor bedrooms. The dining room fairly clamors for corner cupboards, a Welsh dresser, and rush-seated chairs.

The living room above all others should be comfortable. This one is large enough to accommodate rather large pieces of furniture and the floor space calls for a sizeable rug in the center in connection with the fireplace grouping with others of lesser size at either end.

Hand-hooked rugs of carpet size are very suitable for a house of this character, and if one is not over-particular as to their origin and the material used in their construction, those now being made in the Far East are very usable and not prohibitive in price for the small-home-owner. Also to be had are machine-made rugs in the character of the old ones, which are quite suitable if one is furnishing with modern maple.

For the stairs nothing could be better than a hooked runner, such as made by Mrs. Swallow for her New Hampshire home. It features, on the portions which come against the risers, scenes and objects indicative of family interests. In this instance the treads are covered with a hit-or-miss patterning and on the risers are portrayed the little house, the picket fence which encloses the dooryard in true New England fashion, bird and animal life identified with the hunting and outdoor proclivities of the man of the house, and the wild rose so often found on old hooked rugs of this locality.

Built some five years ago at a cost of approximately $6,000, this house is very suggestive for the small-home-owner, newly-weds planning for the future, retired business women, or those who, because of narrowing circles or restricted incomes, are looking for small compact houses which can be operated at a minimum of labor and expense.

The happy meatloaf

[*Continued from page 47*]

thoughtfully greased for me, I pat in the mixture and cover with a greased paper. The oven is hot and waiting, and there the meatloaf abides until delightful odors fill the kitchen, and steal through the door cracks around to my study, to tell me lunch will s be ready The meatloaf sh cook fairly slowly, so that inside is well baked, and the side not too crusty.

Then there are variati Sometimes I substitute, or half a pound of ground vea ground pork. When we are ha company, to puzzle our guests, I add a quarter teasp ful of powdered ginger. Adds to the dish! Other times I tomato hotsauce, giving a quancy to the dish which is tively alluring.

If there isn't sufficient t stale bread is equally as g The meatloaf is just as tasty as well as hot. Also, slices wa through on the frying pan little butter or bacon fat are appetizing. Try my happy M loaf, and see if you like

ANDRE CHAPPELLE.

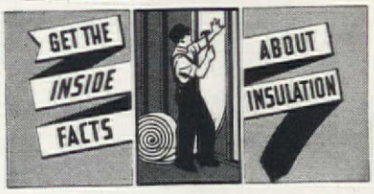
TRY THE "CIGARETTE TEST" To Find Why Insulation Must Be WINDPROOF

● Try blowing cigarette smoke through a piece of loose insulation. And, remember that test when you select the insulation for your home! For insulation, if it is to be truly efficient and permanent, must keep the wind out!

Balsam-Wool is SEALED Insulation, Double-Sealed against wind and moisture in a tough, protected coating. Wind cannot blow through it to cause drafts and discomfort in your home. The moisture which condenses inside walls and ceilings cannot rob it of its usefulness. Balsam-Wool is highly fire-resistant—vermin-proof—non-settling. No wonder so many careful buyers make Balsam-Wool their *first* choice.

In your present home, Balsam-Wool can be quickly and easily applied in the attic at amazingly low cost, saving as much as 20% of your fuel bills—and, if you aren't completely satisfied, the Balsam-Wool Guarantee will let you have your money back! In new buildings, Balsam-Wool meets every requirement of permanent insulation and of air conditioning. Mail the coupon for complete details about Balsam-Wool—it will pay you to have them.

DOUBLE-SEALED BALSAM·WOOL



WOOD CONVERSION COMPANY
Room 114, First National Bank Bldg.
St. Paul, Minn.

Gentlemen: Please send me the facts about Balsam-Wool Sealed Insulation.

Name.....

Address.....

City.....*State*.....

Dear Editor:

[*Continued from page 47*]

ment with ample roo for all other attac ments and bowls. Bo sides of the top as well as the doors that open down are covered with linole The compartments be are divided for all different sizes of pans and covers.—Do Porter, Ypsilanti, Mich.

From kitchen stove fireplace

[*Continued from page 46*]

on top that always falls gives you a lot of troub when you are cooking one favorite steaks. But I wa good one that could rea cooked on. It always see be too much trouble to ga gether the various and nu parts that it takes to buil outdoor fireplaces. My p became solved one day neighbors had a new gas r stalled at their country pl I saw the service men p old coal range out of th door. The moment I saw i ture came to my mind of range in a nice field stone I asked my neighbor wha tended to do with it and me he hadn't thought abou if I could make use of it h be glad to get rid of it.

The hardest part of th

"I NEVER HAVE COOKING FAILURES NOW!"

SAYS *Mrs. Modern*

UTILIZING GAS, THE *Dependable* FUEL, MAGIC CHEF GIVES HER PERFORMANCE THAT NEVER FAILS

● "Baking failures and cooking disappointments used to cause me a lot of worry as well as waste of time, fuel and food. To guard against meals or baking going wrong, I had to spend hours watching and fussing over my old range.

"That day is over now, thanks to my Magic Chef gas range. Gas cooking, the modern Magic Chef way, is so trouble-free and convenient, so easy and dependable that it doesn't bother me a bit to prepare even the most elaborate meal.

"With the Magic Chef top burners I can have an exact, dependable heat for every cooking need from simmer to hot fast fire—with a thousand heats in between. Whether I use a large cooking utensil or small, the heat spreads evenly over the whole bottom surface, so the cooking is uniform without cold spots or temperature extremes to cause failures.

"I can broil now comfortably without watching every minute to keep the meat from catching fire and filling the kitchen with smoke.

"I can bake with an ease and a certainty of perfect results I never knew before. There's no long waiting for the oven to heat and the heat is distributed evenly throughout the oven. The Red Wheel Oven Regulator, once set, gives me the exact heat my recipe calls for and holds it accurately until the baking is done.

"While I have a cake or a whole meal in the oven I can attend to my work elsewhere in the house because the Red Wheel does the oven-watching. I can even go away for the afternoon and return to find a deliciously cooked meal waiting for me in my Magic Chef, ready to serve."

With unfailing, carefree performance that means more leisure and greater peace of mind, Magic Chef also insures a cooler, cleaner, more comfortable kitchen and definite savings on gas bills and food. Interested? Then go to your gas company office or Red Wheel dealer's store and ask for a demonstration. See the many Magic Chef models in all styles, sizes, and finishes, in a wide range of prices. For free folder describing the newest Magic Chef series, write American Stove Company, Department J, 244 Chouteau Avenue, St. Louis, Mo.

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C CHEF • SERIES 2700

lerately priced series that ies many unique and modern atures of outstanding merit. include sturdy "Skyscraper" ction; Divided Cooking Top, removable for easy cleaning; rect Action High Speed Oven; -Out Broiler which makes more convenient and com- e; Combination Condiment nd Light Shade. Also stand- gic Chef features.

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CHEF TOP BURNERS—Give a d even heats.

MAGIC CHEF AUTOMATIC TOP BURNER LIGHTERS.

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RED WHEEL LORAIN OVEN REGULATOR—Cooks and bakes unattended. No guesswork or oven-watching.

FULLY INSULATED—Keeps kitchen cooler. Saves gas.

GRID-PAN BROILER—Two-piece with removable grid, porcelain enameled.* Prevents smoking or catching fire.

TIMER—Rings a warning automatically for any time set.

GRAYSON COOKING CLOCK, TELECHRON MOTORED (Extra charge)—Self-starting. Turns oven burner on and off automatically as desired.

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Magic Chef

AMERICAN STOVE COMPANY

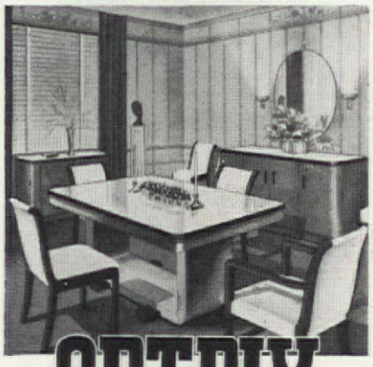
GAS RANGE

Smartness

WITH

Real Wood Paneling

AT LOW COST



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THE INLAID PLYWOOD

with invisible sealed joints

ART-PLY is revolutionary!

A new type of fir-grained, real wood wall material which does away with unsightly battens and visible joints. The joints between sections are sealed as well as concealed; and all moulding is inlaid flush with surface.

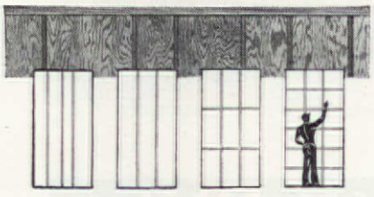
Joints are concealed as well as sealed with strip of inlaid *matched* moulding. Simple to put up, easy to handle. 32 sq. ft. go up at a time.

No cracked plaster with ART-PLY. Will never sag, bulge or crumple. No refuse to clean up — no construction delays.

Four patterns—Random Plank, Standard Plank, Rectangular Tile, and Square Tile—permit a wide choice of artistic, modern combinations for living rooms, dining rooms, breakfast rooms, bedrooms, kitchens, bathrooms, and party rooms.

ART-PLY is economical, too . . . saves construction costs and future repair costs. . . . Ask your dealer, or write for explanatory literature.

You can't see where the panels join



ART-PLY, inlaid multi-paneled sections come in 4 standard patterns. Sizes 4 ft. x 8 ft.; 3-ply thickness durable Douglas Fir.

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Vancouver, Washington, U.S.A.

Send me your free ART-PLY SUGGESTION BOOK, which tells how I can use ART-PLY in building or remodeling my home.

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Address_____

AHV-3

building this fireplace is the form to hold the arch over the stove lids. The photograph will give you an idea of how you can make this form. It doesn't have to be arched at the top, it could be flat or pointed. I believe the arched top gives the job more strength.

When you have finished the form you can start work. Gather such stones as you may find around your place, get a bag of cement and four bags of sand, get your coat off and go to work. Mixing cement is hard work but you can take it slow and easy so as not to overtax yourself. A metal wheelbarrow makes a good place to mix cement. You can measure the cement and sand with a pail or shovel. Four parts sand to one part cement is right for this work. Now you will need a hoe to mix this with. It is very important to mix the dry sand and cement well before adding water. Add the water a little at a time so that you get the cement, I should say concrete at this point, just thick enough so it won't flow when you use it.

Measure the size of the stove and build a base to fit it. When the base is finished and set (concrete takes twenty-four hours to set) you can place the stove on the base and level it. Now build the stones up around the sides until you reach the lid. Now you place the form on top of the lid and build up around it. Before you start to build on top of the form you must figure to leave a good size hole for the stove pipe. It can be larger than the stove pipe; the extra space will take off heat and fumes from the top of the stove.

If you are handy this fireplace will not be hard to build; at any rate it is far more simple to build than any I have ever seen and you can cook anything that can be cooked on this one. You have full use of the oven and the lids can be removed to broil steak, then there is a warming oven at the bottom that is very handy in outdoor cooking. Wood, coal, or charcoal can be used for fuel.

I intend to improve on the fireplace shown here by building benches on the sides and a table a few feet out front. You will notice a few flag stones have been put down to form a terrace.

If you have never cooked outdoors you will not understand why a man will go to all the trouble to build an outdoor fireplace, but if you have cooked outdoors and have tasted juicy steaks, baked potatoes, burgoo, stew, roasted corn, and a score of other tempting dishes too numerous to mention here, then you will get busy and find an old cook stove and build the simplest and best outdoor cooking arrangement in the world, at least that's what I think of it.—A. E. Mason.

Here is the cleverest idea for STEEL casement windows

Insist on Genuine

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Casement Operators

for any make of steel casement you buy

All Steel Casements come fitted with some kind of device to open and fasten the window. But the WIN-DOR Casement Operator is so superior in convenience, strength, appearance and safety that many steel window makers have arranged to provide them instead of ordinary hardware at *no extra cost.* So compare the hardware before you select steel casements and insist on Genuine WIN-DOR Operators.

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I am interested in operators for:
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(Paste this on a penny postcard)

A letter to the edito

FIREPLACE FANATICS Inc.
1731 Redden Avenue
Topeka, Kansas

January 23, 193

Dear Mrs. Austin:

I have two letters from you which I prize most highly. One accepting my fireplace story and the other seeking admittance to my inner circle of Fireplace Fanatics.

Your apparent love for fireplaces and the fact that you are affluent enough to keep four fireplaces going full tilt (even when it's warm outside) makes you an A. No. 1 prospect for membership.

Through correspon ence such as this I hope to establish an honorary list of names of those who have the proper qualifications.

If you will send me an informal formal statement to the effect that you still want it, I'll try and make up some sort of a diploma or certificat to send you and other members.

Sincerely yours,
Wendell Smith
Keeper of the Fir

*Incorrigible

Brief explanation of what it's all about

For the fun of it I am orga ing a club or group to known as "The Great Order Fireplace Fanatics of these Un States" and other places wh fireplaces are held in great este

Of course, in a club or org ization of this kind there wil no dues of any kind attached membership—just a romantic venture for those who love enjoy an open fire. A tenta list of honorary members foll

Chilson D. Aldrich
Theodore Dreiser
Jean Austin
Clare Dwiggings
George Donley
Streeter Blair
George L. Cartlich
Henry Poor

Can you suggest other name

Anyone can belong, provi he or she can show real int in the subject of Fireplaces. orary members are limited those who have done or shown distinctive work in the place field.

If enough interest is aro there will likely be a certif and a code of Fireplace Et

Wendell Sm

AIR

can contain impurities . . the same as food

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nbeam Air Conditioning Unit
. models for oil, coal or gas.

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You cannot run risks with food. The careful way you buy it, protect it and prepare it proves this. But why run risks with AIR . . . you and your family consume five times as many pounds of air as food and drink. Surely you'll agree . . . air can get unhealthful; full of dust, pollen and germs; become too dry and breed colds?

Today you can be SURE of having healthful air conditioning in your present home or in the new one you plan to build. SUNBEAM Air Conditioning eliminates all unhealthful conditions while maintaining uniform temperatures. Its blower-fan gently circulates clean, properly humidified air into every room. And the cost of your fuel . . . oil, gas or coal . . . is reduced by SUNBEAM efficiency.

No more handicaps in arranging furniture . . . inconspicuous wall grilles take no floor space. Your out-of-the-way SUNBEAM Unit permits attractive basement planning. Summer cooling is provided by operating the blower to circulate cool, night air throughout the house or mechanical cooling equipment may be installed in your SUNBEAM at any time. Send for literature. Use the coupon.

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Send me your new free booklet on SUNBEAM Air Conditioning for
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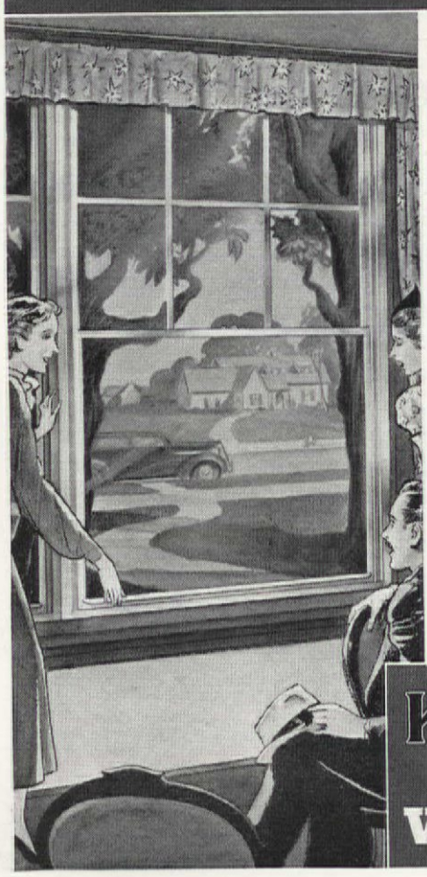
The WESTERN PINES* say "Welcome"

as you step into this friendly hallway. Somehow, the hand-clasp of greeting seems firmer against the warmth of these waxed Pine walls. Delicate perfection of detail, always nicely achieved with these soft-textured woods, and the cheerful contrast of the colorful knots create an atmosphere of simple charm. Write for "Western Pine Camera Views" — a portfolio of help and inspiration. It's free! Western Pine Association, Dept. F-26, Yeon Bldg., Portland, Oregon.

*Idaho White Pine *Ponderosa Pine *Sugar Pine

THESE ARE THE WESTERN PINES

Investigate these amazing new windows of SOLID BRONZE OR ALUMINUM



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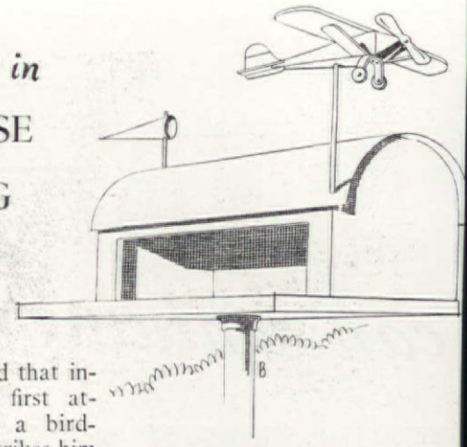
Adventures in BIRDHOUSE BUILDING

C. F. BAKER



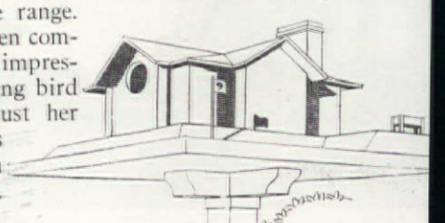
HAVE you ever noticed that invariably a boy's first attempt at carpentry is a birdhouse? When the urge strikes him really to get down to serious work with the tools he got for Christmas, or when the opportunity presents itself to use Dad's wood working implements—unbeknown to father, of course—he laboriously constructs a shelter for his "feathered friends." Not because he feels particularly noble toward the birds, but mostly because it is a fairly simple task to nail six or seven more or less square pieces of lumber together in a crude resemblance of a house.

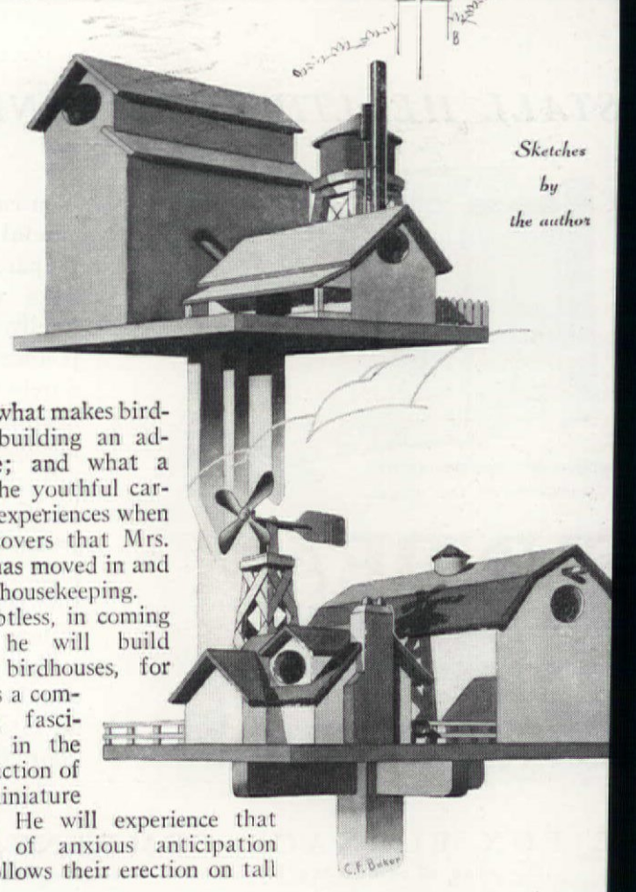
Providing an entrance that will lead to the questionable shelter of this abode presents greater difficulties due to the limitations of the available tools; therefore, the opening often acquires the appearance of having been made with a shot gun fired at close range.

The entire structure, when completed, hardly gives the impression that any self-respecting bird could be expected to trust her household goods to its protection. Birds seldom do the expected, however.

poles or their suspension unde sheltering eaves when his abilit as a leasing agent is put to th test. Then there is that pleasa feeling of proprietary interest th he obtains from watching th feathered parents dart in and ou bent on important family dutie but the greatest of all is the pri experienced when he is first priv leged to see the "babies."

A brief period of short fligh on unsteady wings and they a gone, but never again will he s a flash of lifting wings witho wondering if it could by a chance be one of his family. No there is nothing left but the hou so dreary since its busy tenan have gone he is almost tempted take it down and put it aw

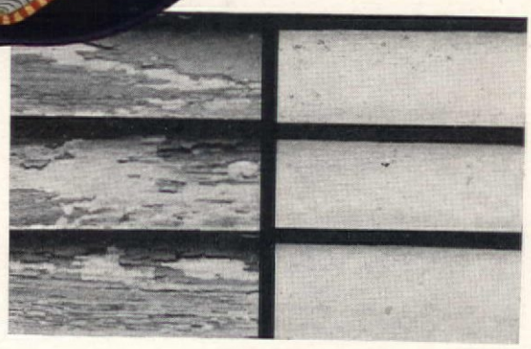




Sketches by the author

That's what makes birdhouse building an adventure; and what a thrill the youthful carpenter experiences when he discovers that Mrs. Wren has moved in and set up housekeeping.

Doubtless, in coming years he will build many birdhouses, for there is a compelling fascination in the construction of these miniature homes. He will experience that period of anxious anticipation that follows their erection on tall



"CHEAP" PAINT

"Quitting" already—after about 1½ years of service. Shortly after this picture was taken, this paint had to be burned off at a cost of $60. Owner was also forced to pay for a new priming coat. All this is expense he never figured on.

DUTCH BOY

Four years old and still in excellent condition. House in same section as the "cheap" paint job. Not a sign of cracking or scaling. And when repaint time does come, no expensive burning and scraping and no new priming coat.

OME" is a word of pleasant associations. A word that makes you think of happy family . peaceful hours . . . shelter and security.

it's natural—instinctive—for you to take care of the home that gives you and yours teadfast protection. Natural not to insult a home by painting with "cheap" paint.

"cheap" paint always comes to a bad end. n proclaims its cheapness by cracking and g off . . . and gradually turning your house neighborhood eyesore.

d then—goodbye economy! Unfortu- all of the "cheap" paint doesn't come ome of it sticks fast. And has to be d and scraped off. That runs into money. es the new priming coat you have to buy.

id all this extra expense—and get longer e to boot—by painting with Dutch Boy -Lead. This good dependable paint t crack and scale. Instead, it wears down slow gradual chalking. This leaves a h, unbroken surface—an ideal founda- or new paint.

And so the painter who is interested in giving you generous value for your money uses Dutch Boy White-Lead. He mixes it to meet the requirements of your particular job and tints it to the exact color you ask for. No one knows paint like a painter.

Easy to pay the Dutch Boy way

If you prefer to pay for your painting by the month, take advantage of the Dutch Boy Easy Payment Plan. No down payment. Two years to pay, in surprisingly small monthly installments. Use the coupon below to obtain complete information and a copy of the illustrated booklet, "The House We Live In." Tells how to buy a paint job, how to select the right color scheme, the right paint and the right painter. Address Department 242, in care of the nearest branch.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 1213 West Third St., Cleveland; 722 Chestnut St., St Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Philadelphia.

DUTCH BOY WHITE LEAD

GOOD PAINT'S OTHER NAME

NATIONAL LEAD COMPANY
Dept. 242 *(See list of branches above)*
Please send me your free booklet, "The House We Live In," containing color scheme suggestions and practical advice on interior and exterior painting.

☐ Please include description of Dutch Boy Easy Payment Plan.

*Name*_____

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*City*_____ *State*_____

World Famous Decorators

Elsie de Wolfe—PARIS

Famed for her artistic work in redecorating historic palaces and luxurious homes. Lately she has redecorated Ina Claire's New York apartment.

Cecil Beaton—LONDON

Versatile decorator, designer and photographer. Mr. Beaton recently designed the dramatic set for "Le Pavillon" in the Monte Carlo Ballet Russe.

Anne Tiffany—NEW YO

Her clients include th country's most distin guished names. Recent she won recognition f her redecoration of Ma hattan's St. Regis Hote

APPROVE THESE

Lovely Artloom Rugs!

You can choose from fifty-seven stunning patterns—
An exclusive process makes possible 16 different colors in these luxury rugs

NOW for the first time, you can have in your own home rugs approved by famed decorators! And there's no guesswork in making your selection. Charts for every Artloom Rug tell you what sort of background is appropriate . . . what colors combine well . . . what furniture looks best. You pick your rug with full assurance that your choice is *right*.

Call at your dealer's today and see the wide range of Artloom designs. Luxurious, silky Orientals in glowing colors—authentic reproductions of famous old Persian and Chinese designs. The new Tiffany Frieze with its intriguing permanent twist that assures years of wear. Modern designs in a variety of attractive colors and patterns.

You'll be delighted with the fine quality of Artloom's luxury rugs—their rich texture—their exquisite colors. And you'll be amazed at their low cost!

Artloom's Twin-Weave! Two rugs come from the loom at once, woven face to face. They're cut apart in one clean motion, leaving a deep, even pile. This exclusive double-weaving process saves manufacturing costs—gives better value . . . lustrous virgin wools tested for durability, dyes that are absolutely sunfast. This same process assures perfect color control. In one Artloom Rug you may find as many as 16 colors, whereother manufacturers use only 5.

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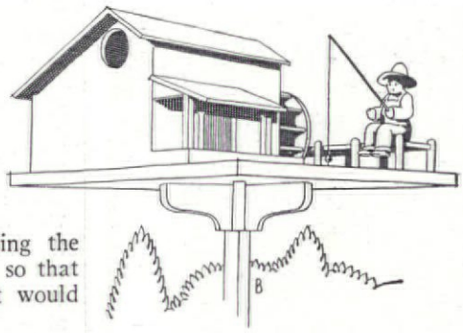
Upper left—No. 731-3 (Sylvia) Middle—No. 130-12 (Artdale). Lower right—No. 506-35 (Tiffany)

Artloom Rugs

the next mating
n comes along.
dmit that I experi-
this impulse many
before I evolved a
r happy solution
al years ago. In one
ct, the idea was not
cularly new as it
ted largely of making the
sufficiently unusual so that
when unoccupied it would
nterest to the yard.
tead of constructing a single
, however, I found that I
ned the greatest interest by
ng a group of related build-
all on the same base. For
ple, there was the farm
consisting of a quaint little
ge, a barn, a windmill, and
closing fence.
had serious doubt as to
er the birds would take
to the windmill, which
l as a weathervane and spun
y in the slightest breeze—
ey seemed not the least con-
l over its busy clatter. Each
one, sometimes two, fam-
came into being either in
ouse or in the barn, but
that I can recall, in both
ngs at the same time.
, it would seem, are not
l to community dwelling.
buildings became sadly
erbeaten—the windmill lost
nes—so I ceased being an
lturist and became an en-
stic industrialist.
industrial group included a
mill, a water tower, and
wer-house, complete with
stack and whistle. This
has been in position such
t while that it is too early
whether any of the wrens
be numbered among the
ng classes. Just now the
ws seem to be picketing the
but it takes more than a
w to keep a courageous lit-
en away from a suitable
g place.
next time you feel the urge
ld a birdhouse, why not
e of these groups? Perched
of a high pole, they add so
to your yard, and the chil-
ove them.
ou are perplexed over what
ld, let your hobby suggest
ynote. If golfing is your
e pastime, why not build
ractive club house facing a
with a bright little flag
over the cup, flanked by
ng tee complete with sand-
nd bench. The ardent fish-
could build an old mill
spill-way and water wheel
with a rustic dock jutting
ver the base. A search
hout the local toy depart-
is sure to bring to light
ble seated toy figure which
be fastened to the end of
ck; put a slender pole in
ds secured with a thin wire
from its tip to a point just



beyond the end of the dock—and lo and behold you have a fisherman! Just before fastening the wire, slip on a bright colored bead, letting it fall to the end of the line to give the effect of a gay little bobber.

For the boy or man who thrills to the sight of an airplane, there is the hanger to be built with its accompanying executive building. There should be a "sock" swinging over the hanger—and as a finishing touch a toy airplane grounded on the runway.

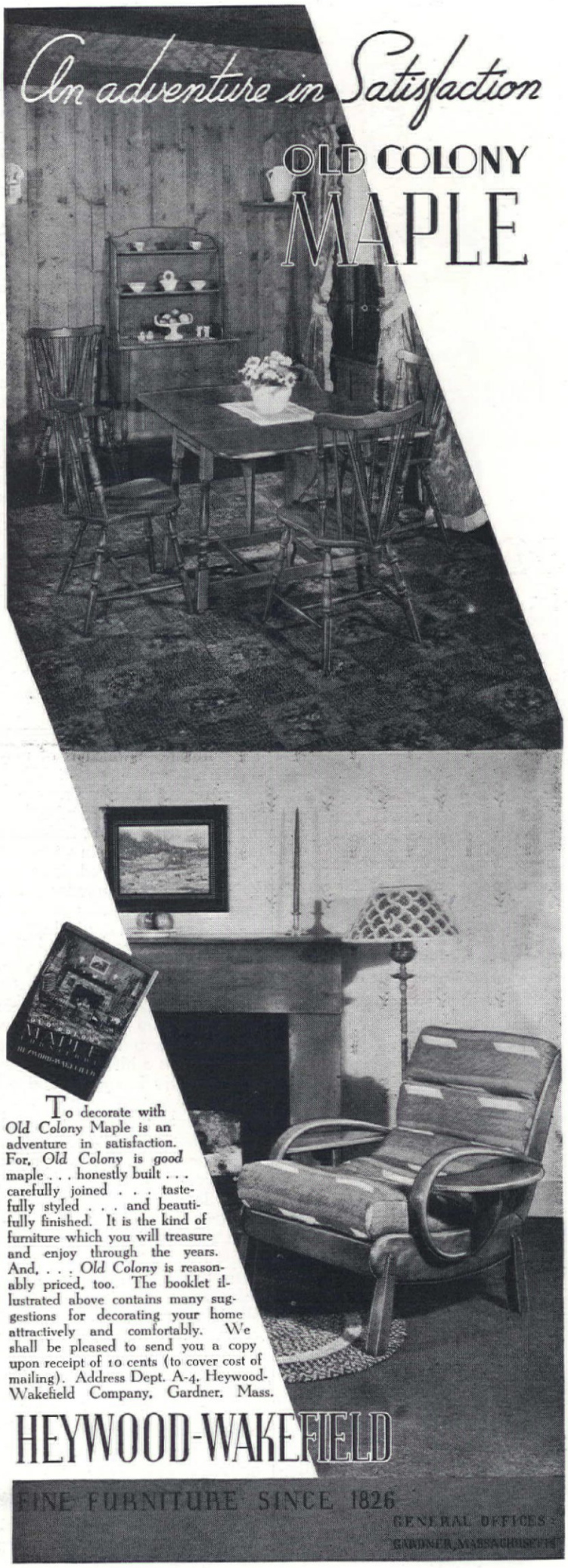
The more mechanically inclined can get the effect of a plane in flight by fastening a thin metal rod upright to a corner of the hanger, on which a light wooden model plane is mounted in a manner that will permit it to swing freely. The tail assembly will keep it headed into the wind to insure the props spinning in a most realistic fashion.

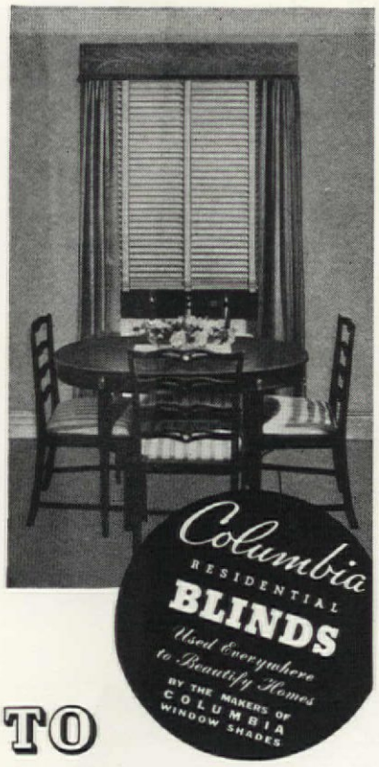
I am using this last idea as a feeding shelter only, of course—with one side of the hanger being left wide open. By painting the supporting rod a light color and the "ship" quite brilliantly, the illusion of a plane in flight is really very striking.

There are almost no limits to the possibilities of these miniature buildings if one has some ingenuity and a fair amount of skill with tools. Truly, the final results are well worth any painstaking effort. Do not, I beg of you, erect more than one—or at the very most two, groups in your yard at a time. Their novelty makes them a decided focal point and, like any choice piece of workmanship, they are much more charming when displayed alone. If your ambition should impel you to create more than one, mount each at a wide distance from the other—and better still, on supports of markedly different heights.

Build solidly, remembering that these houses, perched on high supports, are at the severe mercy of the elements and therefore receive a lot of punishment. Whenever you use metal, choose copper or brass to avoid rusting, and carefully sink, putty, and even shellac all nails. Use good paint and apply several coats; also, give the exposed metal parts a coat of transparent varnish for a finish.

Best of all, it would be ex-





TO

home-wise wives!

The wise home-maker wants the best and the best is not always the most expensive. There is no substitute for quality and there is no substitute for Columbia Residential Venetian BLINDS.

Built into this quality BLIND is the smartness that can be achieved only through true craftsmanship. Custom built to fit your windows and a range of colors for your selection.

Columbia quality BLINDS are the universal choice of home-wise wives, who know that ordinary blinds are not economical under any circumstances.

Near where you live, there is a carefully trained Columbia Dealer, who will gladly show you how easily Columbia BLINDS may be installed in your home. Send for a beautifully illustrated booklet by merely returning the coupon below. And when you select your BLINDS, remember the name—

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Please send me your "Book on Blinds" and the name of an Authorized Dealer.

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tremely wise of you to provide for the easy removal of the group from its support so that it may be stored away for the winter—if you live in a locality where winters are severe. Also, it is a good idea to fasten each house that will serve as an actual dwelling in such a way that it may be removed from the base easily in order that the nest of the preceding season may be removed. Wrens like to come back to clean living quarters. I doubt if anyone has to be told that if you want wrens as tenants, the entrance opening should not be larger than the diameter of a quarter.

May I wish you luck as an architect-builder—but more important, may I wish you success as a landlord? For while you may feel a justifiable pride in your group creation, when it is finally chosen by Mr. and Mrs. Wren and later occupied by the Wren babies, your joy in their happiness will make all of your creative work seem decidedly worthwhile.

Two vaudeville "troupers" make their dreams come true

[*Continued from page 67*]

room furniture which is of most interest. Originally the dining room set was merely brown mahogany, much like hundreds we have all seen. As light fruitwoods are now much more in vogue, the furniture was stripped down and refinished in the popular honey color, with chair seats recovered in gold, gray, and eggshell striped cotton damask.

Because many readers will wonder exactly how a refinishing job is done, Mr. Moss has given the directions, step by step, for refinishing brown mahogany. Red mahogany is a bit different. Varnish remover is applied and the paint scraped off with a putty knife followed by sand papering. Oxalic acid next is brushed on and allowed to stand over night. Another sandpapering is followed by a light thin solution of permanganate of potash. The filler which is now added is made of white lead and oil, mixed with a little raw sienna, a little yellow oil paint, and a dab of umber. When mixed the filler is cream color. This is wiped off thoroughly after it has been on the wood a few minutes. As invisible particles will remain, sandpaper again. When dry, apply a coat of clear shellac. When this is thoroughly dried, sandpaper lightly and apply wax which after twenty minutes will be ready for polishing. To avoid watermarks, the table top may be finished with marine spar varnish which is then rubbed down with steel wool. If

● **The one reason for having wall coverings—the only reason why you decorate—is to beautify your walls and rooms. So why not choose wall coverings that will retain their fresh, original beauty season after season?**

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Hides Plaster Cracks

Dirty, cracked walls are no longer necessary. In fact, today, they are inexcusable!

When you redecorate, insist on these plus features of Wall-Tex for enduring beauty. There are dozens of distinctive new patterns and colors in this richly textured wall covering. See their remarkable beauty. Feel the durable fabric. Mail the coupon today for swatches and colorful portfolio of rooms.

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For free samples of BONTEX Washable Window Shades and LINTEX Stainless Table Cloths, check here . . ☐

marine spar varnish is u
must be applied immediatel
the clear shellac.

The honey color finish i
lovely especially when yo
niture has a particularl
grain in the wood.

Off of the dining roo
was a small alcove, measuri
and a half by nine feet, to
to be of any practical purp
the right of the alcove th
also a small side porch, f
long, seen in the "before" e
illustration. Waste space
ways a challenge to Jack
especially when every h
California today includes
room with bar space. W
the owners ever drink a
stronger than Coca Cola
guests may wish a quiet
Besides, bridge is the a
evening entertainment wh
variably calls for refreshm
some time during the e
With the living room dre
in new garb, a game r
merely the common sense
of keeping the new b
tucker fresh. Although th
space in the Curtis hou
little enough, still by caref
ning there was room at
for a small bar, with sp
to put in two card tables.

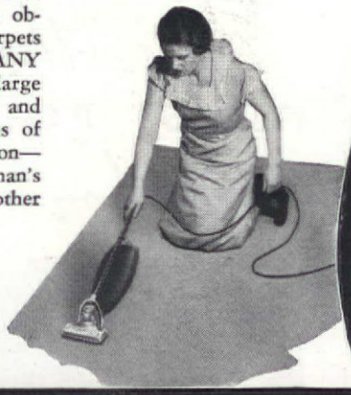
You entered the alcove
ing down two steps wh
tended one foot into th
room. By raising the floo
level of the dining room,
in width is gained. This m
dimensions of the gam
when finished, six and a
fourteen feet. Further t
the appearance of the ro
alcove windows were low
a recessed window seat wh
set outside the room w
seen in the "after" photog
the dining room there are l
doors between the two
which may be closed o
back against the dining ro

The theme of the gam
decoration is nautical. T
scheme is blue, white,
which ties in with th
scheme of the dining ro
living room, important
small house for with t
rooms opening one into t
and all decorated with a
color scheme there is a re
vista throughout.

The game room floor is
in blue linoleum and t
have ocean wave wallpap
has white background
and blue waves, finished
ceiling with a scallope
valance. The end of t
opposite the bar has a wh
dado which calls to min
nautical surroundings, t
rail. The window seat h
pad with the blue repeat
tapes on the Venetian bl

The modern chairs at
of the room are of br
seats covered in white

YOU WOULDN'T even *think* of buying a vacuum cleaner that is so obviously too small for cleaning your carpets or rugs. Likewise, before you buy ANY food mixer, ask yourself if it is large enough—if it is sufficiently powerful and practical—to fulfill your expectations of the help you need in Food Preparation—the work that requires more of woman's time, attention and energy than all other household tasks combined!



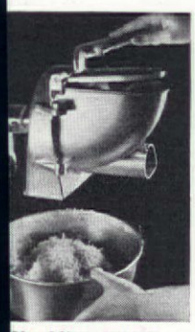
Only KitchenAid "does it all"

KITCHENAID MEASURES UP to the broad and exacting requirements of Food Preparation in your home. It offers you glorious release from all the tiresome, burdensome, monotonous operations that steal your time and strength. It is the ONE machine of its kind with power and range of performance to make that promise good. It frees you for CREATIVE COOKERY—inspires you to prepare a VARIETY of things that most of us shrink from the very *thought* of trying—by hand!

KitchenAid has power and "stamina"—the ability to carry difficult tasks (as well as light, easy ones) through to successful completion—in a few minutes or seconds. Its unmatched "skill"—the PLANETARY ACTION* in mixing, beating and whipping — improves foods almost unbelievably. You will enjoy creating new triumphs in the art of cookery—without limit—for KitchenAid is ever ready to assume the burden and ASSURE the results.

And remember this: We will be glad to demonstrate KitchenAid *in your own home*—no obligation . . .

tchenAid gives you "another pair of hands"—working alone ile you attend to something else. The KitchenAid has sliced and edded the ingredients for a salad; has previously made the dress-; mixed rolls; ground and mixed a delicious meat loaf; prepared dessert—and now is mashing potatoes to creamy fluffiness.



Shredding Cabbage

MOST PRACTICAL ATTACHMENTS

KitchenAid Attachments are slipped on and securely attached in a jiffy; their operation is simplicity itself; they are easier to clean than corresponding hand utensils.

The VEGETABLE SLICER illustrates the capacity-for-work which KitchenAid attachments all possess. Knives adjustable for any thickness of slice. This simple, safe, attachment slices vegetables; nuts, hard citron, celery, apples and all firm fruits.

With Shredder Plates same Attachment shreds vegetables and nuts for salads and garnishings; makes shoe-string or straw stack potatoes. Fine plate grates cheese, chocolate, coconut, carrots, and other foods.

HER ATTACHMENTS:

Colander & Sieve Set
Ice Cream Freezer
Fruit Juice Extractor
Coffee & Cereal Mill
Knife Sharpener
ry Knife — Food Chopper
gh Hook — Can Opener
Dropper — Silver Buffer
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KITCHENAID may be purchased on BUDGET PLAN for a few dollars a month...

*THOROUGH MIXING ACTION

KitchenAid mixes or beats without your attention or assistance—no need to stand and turn the bowl. You can be doing other things. The action of the beater or wire whip is twofold. One motion carries the beater around the stationary bowl, while the beater itself is rotating in the other direction. This fast and thorough mixing of all the contents of the bowl, is the secret of the superior food that is prepared on KitchenAid.

Angel Food, Devil's Food, fluffy Sponge, Sunshine—in fact, all cakes—are completely mixed on KitchenAid in a few minutes. Delightful icings, too.

Muffins, straw stack potatoes, Hollandaise sauce, spinach souffle, cheese sticks, fruit whip, kisses and dozens of other "specialties" that end menu-monotony—are easily and quickly made on KitchenAid.

There is just *no limit* to the things that KitchenAid will do for you!

KitchenAid
REG. U.S. PAT. OFF.

Division of

THE HOBART MFG. COMPANY, TROY, OHIO

Leading Manufacturers of Mixers, Dishwashers, Potato Peelers, Food Cutters, Slicers and Air Whips for Restaurants, Hotels, Institutions, and Bakeries; Coffee Mills, Meat Choppers, Slicers, and Scales for Food Stores.

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☐ Tell me how KitchenAid may be purchased on Budget Plan, for a few dollars a month.

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ADDRESS.....

CITY & STATE.....

Let "JACK FROST" liven up your shower scheme

Snowflakes are scattered joyously all over "Jack Frost"—a new shower curtain made of Kleinert's *"Illusion" in smart decorators' colors.

"Illusion's" lovely translucent silk is waterproofed without rubber or oil so it never cracks, splits, or peels.

Clear gay shades as well as colorful patterns—in colors that are fast to both light and water.

For satisfaction's sake, ask for Kleinert's "Illusion"—it's warmly recommended by good stores everywhere.

Kleinert's

*T. M. REG. U. S. PAT. OFF.

SHOWER CURTAINS

485 FIFTH AVENUE, NEW YORK
TORONTO, CAN....LONDON, ENG.

The table between the chairs is a real ship's wheel, with a glass top, mounted on a white pedestal with blue trim. The brass lamp base is decorated with an anchor and surmounted with a white shade finished with narrow blue rope fringe. The coffee table in front of the window seat is a white rope ship's bumper, the top decorated with a blue compass and red arrow giving directions from the bar to other rooms in the house.

The small bar with blue counter is painted white as is the woodwork and ornamented with wood rope design painted blue. The white bar chairs have miniature ship's wheel backs and white leather seats outlined with blue leather. The walls of the bar end of the room are of paneled pine painted white, with the wall cupboard doors framed in real life preservers bearing the name S. S. *Costa Plenti*. Blue, red and crystal glassware decorate the cupboards and glass shelves in the bar window. Precious things come wrapped in small packages, we are told, and so it would seem in this small quiet bar and game room.

The kitchen to be next

This is as far as the Curtises have gone with interior remodeling and redecorating. There remains the three bedrooms, two baths, and kitchen. The latter is to be the next step, and although, there is an impatience in delaying the inside work, the old urge of the Curtises to reproduce the little white house with flowers and picket fence has lead them first to the exterior.

Here by a few surface changes Mr. Moss has worked a most pleasant transformation. The only structural change is the roof line to the right above the game room. Raising the floor level inside necessitated a similar heightening of the roof, the slope of which is now the same as that of the rest of the roof. Surface transformation included a coat of white paint and the addition of shutters, a new front door, porch latticework, and a window shelf under the dining room windows which holds yellow flower pots.

The privet hedge was properly barbered to outline the open veranda and foundation planting was augmented with a riotous growth of old-fashioned begonias and petunias. With one final stroke the picket fence, probably the most important addition to the Curtises, and presto! their dream had come true—a little white house with flowers and a picket fence and more too. Italian turquoise blue shutters and front door—a friendly house that somehow sounds a cheery greeting to passers-by, whether they be strolling artists, sight-seeing tourists, or busy canyon dwellers.

"This is the NICEST ROOM in the house!"

THE Kohler Camberley brings new joy to daily living, lightens work, leaves out worry! For Kohler, again, has planned ahead — engineered this new labor-saver for all-round efficiency.

On the sink, ten square feet of work space. *Beneath*, twenty-eight cubic feet of storage space. *Important points:* 3" ledge, clear across the back. Sink compartment, 8" deep, with Duo-strainer. Swing spout—mixing faucet. Disappearing rinse hose. Fittings that never get in your way. Double drainboard. . . . *In* the steel cabinet, six large drawers, quiet in operation. 4" toe recess. The spacious center compartment is well-ventilated.

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He can tell you many more desirable features in the Camberley, and will show you how it can be installed quickly and at a surprisingly low cost. Speak to him, also, about the Kohler Time Payment Plan. Three years to pay. And write for free illustrated booklet, "Planned Plumbing and Heating." Kohler Co. *Founded 1873*. Kohler, Wisconsin.

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PLANNED PLUMBING AND HEATING

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Please send your beautiful 16-page booklet, in color, containing new plans and color schemes for Lavettes, bathrooms and kitchens, by the architect, Gerald K. Geerlings. Address: KOHLER CO., Dept. IB-4, Kohler, Wis.

☐ I AM BUILDING A HOME
☐ I AM REMODELING

Name_____

Address_____

The renter make a garden

VERNA SPRINGER

THE first year I made a gar
I encountered consider
trouble. You see I looked u
the seed catalogues not wisely
too long, and became imb
with a wild desire simultaneo
to build a lily pool, and sepa
the lawn from the cabbages b
hedge of lilacs, mockora
weigelas, barberry, crapemy
and so on. Last but not leas
intended financing a flagstone
race. As we were renters and
term of residence was slightly
certain, it will be readily un
stood why this top-heavy ven
was bound to crumble and wi
away, when subjected to the
logic of husbandly reasoning.

Needless to say, my garden
dor, too, was somewhat crus
though not completely groun
But, since I had decided to
a garden, come landlord
change of residence, I now
a sharp line between the kin
garden I'd *like* to have, and
kind of garden I *could*
Thus, I discovered the funda
tal principle which governs
renter's garden: The law of
jection and Selection. In reje
the adored lily pool and
hedge, what could I select
fitting compensation? In ma
the selection, salient facts t
taken into consideration incl
first, a modest garden allow
and, second, insecurity of
limit in present residence,
effectively ruled out long-
planning and planting.

Hence I resolved to plant
such flowers as begin to b
early and continue until
Then, in the event of enf
evacuation within the yea
would not have sunk any co
erable sum in non-mov
Therefore, said I, "Get the
hind me, tulips, gladiolus,
lilies—all the bulb family;
have none of you!" But, as
already ruled out forsythia,
orange, lilac, spirea, and a
early flowering shrubs as im
tical for the renter-gardener
left me nothing to use for
during the spring. So I rec
ered the list of bulbs and I
the joyful discovery that
were not entirely taboo fo
renter, since they can be p
not only in the fall but we
mid-winter. Moreover, the
may be taken up as soon
leaves turn brown afte
blooming season is over.

Having thus gained a bu
spring effect, I continued
lection business, and ag
found compensations for t
nunciation of the shrubs.
the money I had intended
ing on them, I bought a n
lection of gladiolus, and a

E'S IN FAVOR
OF FLAVOR!

baby of yours may be unable d a menu, but he has his own about flavor! Heat a savory ng of Heinz Strained Foods watch him beam with ap- val. Most infants seem to pre- the garden-fresh taste of the ls Heinz prepares for them.

inz uses only the choicest fruits d vegetables — cooks them in sed receptacles — seals them un- r vacuum in enamel-lined tins. oth minerals and vitamins are reserved to a high degree.

Heinz Strained Foods bear the Seal of Acceptance of the American Medical Association's Council on Foods. Ask your grocer for a gen- erous supply of Heinz Strained Foods today! 11 tempting kinds!

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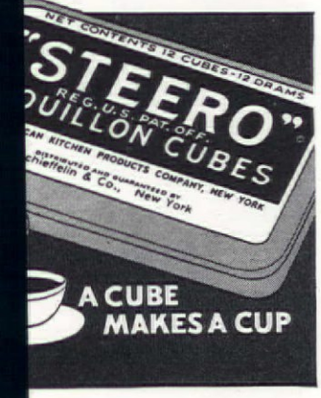

of blue iris to front the background of six-foot hollyhocks my predecessor left me. The gladiolus proves compensation, indeed. For, after all, it isn't the upkeep with these favorites, but the initial cost, and for love of them this renter will always run the risk of another year's residence. Not only will a dozen or so lovely gladiolus, standing serene in a pure white container, add dignity, poise, and charm to any household, but also (let me whisper it) they will gloss over any number of helter-skelter housekeeping sins.

Consulting my gladiolus-growing neighbor, I was advised to "Plant gladiolus early in the spring, pray for rain, and you can't go wrong. Take the corms up in the fall. You risk neither time, money, nor stock."

Having thus cleared the decks for spring and midsummer bloom with the acquisition of those three lovely subjects—tulips, gladiolus, and iris, I turned to annuals and here I found that, for once, renters might be choosers. The danger is that if we renters are ultra-conservative in limiting our choice of bulbs, we are apt to go completely crazy as we consider annuals and perennials. Looking over the lists of gorgeous and sometimes gaudy annuals, we are prone to go in for quantity in a big way, quite forgetting that a healthy, vigorous blossom in the vase is worth a dozen weak, spindly flowers in the crowded garden row. We must remember, too, that there is no particular need to try to raise *all* the delightful category of annuals in one season. By varying our choice from year to year, we learn to know and love them all. But after years of experience, many trials, more errors and some grief, this renter now confines her choice of annuals to the following list (the cultural notes applying to the Missouri region):

Sweet peas: Plant in February. In localities having sufficient rainfall, a second planting in June may be risked.

Poppies: Hardy, single, double, giant and California kinds. All are gorgeous. (The Orientals are perennials.)

Petunias: Single or double, ruffled. A riot of color. Easy to grow. Bloom from May to November.

Zinnias: Both giant and dwarf. Bloom in late summer and far into fall. Drought-resistant.

Marigolds: What could be showier than a border of the lemon yellow doubles?

Nasturtiums: Single, or double. Bloom until frost. Pungently fragrant.

Asters: Aristocrats of the annuals; lovely colors. Bloom from June until frost.

Cosmos: Sow early and get wealth of bloom in fall.

There we have the makings of an old-fashioned flower garden, just like grandmother's.

Hardy perennials are apt to be a "heads, I win—tails, the next renter inherits what we lose"

. . . the mattress
that FEELS so good!

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OUTER-SPRING TYPE
For ease of handling and unrestricted comfort, the spring unit and padding are in two separate layers. It costs much more to make, but is the most economical to own, and the grandest of all mattresses to sleep on.

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Many reasons come to mind why you will find Spring-Air most to your liking, —it has *all* the beauty, *all* the quality, *all* the advanced features for earning recognition as America's most appreciated mattress. But the real treat — the joy that comes from sleeping utterly relaxed on Spring-Air—is beyond our telling. You'll have to try it. Then, you'll know what people mean when they say: "Nothing can take the place of my Spring-Air,—it FEELS so good!"

Every Spring-Air Mattress contains the famed Karr Sleep Unit. It is the only mattress sold throughout America with this guaranteed spring construction. There are two modern types — Inner-spring and Outer-spring; see both before you buy, — insist upon learning the advantages of each. Models at $24.50 to $45.00, at quality dealers everywhere.

All bedding manufacturers share the right of making both types of modern mattresses — Inner-spring and Outer-spring. Yet, nine out of ten Outer-spring mattresses in use are Spring-Air! Why? Because the records made by ALL competing spring units in this direct, out-in-the-open comparison prove the unquestioned superiority of Spring-Air's guaranteed Karr Spring Construction!

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Spring-Air, Holland, Mich., Dept. AH
I wish to know about *both* types of modern mattresses; please send me the free booklet "Spring-Air—the Mattress that FEELS so good!"

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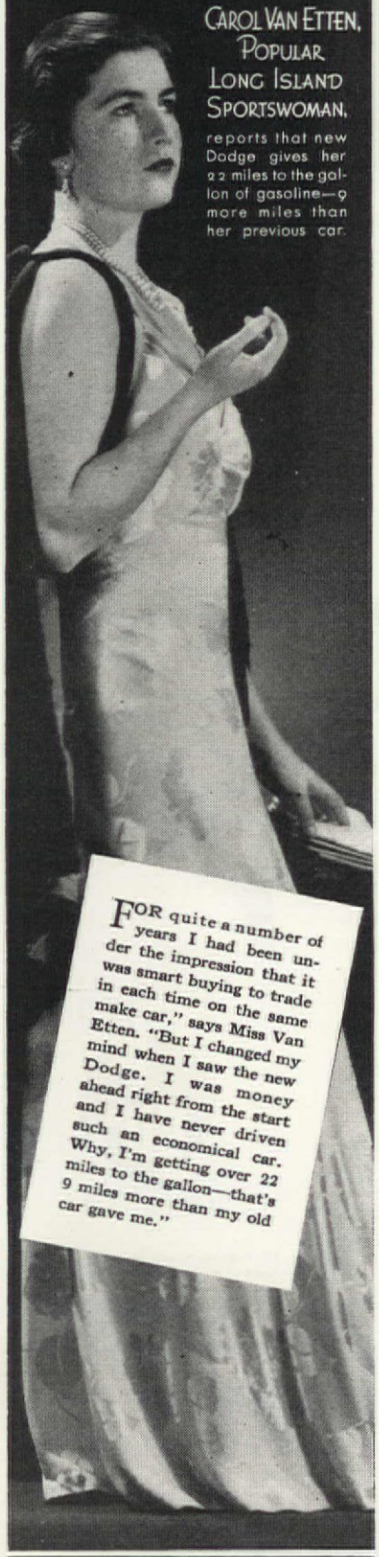
Address _____

PAYS LESS FOR GASOLINE

SINCE SHE

Switched to Dodge



CAROL VAN ETTEN, POPULAR LONG ISLAND SPORTSWOMAN, reports that new Dodge gives her 22 miles to the gallon of gasoline—9 more miles than her previous car.

FOR quite a number of years I had been under the impression that it was smart buying to trade in each time on the same make car," says Miss Van Etten. "But I changed my mind when I saw the new Dodge. I was money ahead right from the start and I have never driven such an economical car. Why, I'm getting over 22 miles to the gallon—that's 9 miles more than my old car gave me."

DODGE

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proposition. But if we can count on three successive years in one location, by planting hardy perennials the first year, we can provide for continuous bloom without the bother of yearly planting. The actual list of hardy perennials may be left to each renter garden lover's personal choice, but the following I have tried and found true:

Delphinium: Plant the doubles. Blue, white, and purple.

Snapdragon: Beautifully colored. Hardy. Bloom May to November.

Verbena: Thrifty. Mixed colors. Bloom May to November.

Phlox: White, purple, pink. Good for odd spots and bare corners.

Hollyhocks: Double. Really biennials and slow growers, but well worth effort. Very effective background.

Salvia: Cheery. Wonderful drought-resister; generally grown as an annual.

It is hard to reject lilies. From the early stately Regal and even the gaudy spotted Tiger—I love them all. But renters can't have everything, so we pass them up and ignore cannas and dahlias, too, not because we dislike them, but because we have to draw the line somewhere. [And yet these popular, colorful flowers are just as reliable and easy to handle as gladiolus. Try a few if you can. —Ed.]

It is truly pitiful, the way we rose-loving renters buy, plant, and coddle roses, even though we know we may have to move within the year and run the risk of losing them unless we can move them in April or May, October or November. There is a queer quirk in our nature that causes us to rob Peter Purse-strings to pay Paul Space, so that we may have just a few more roses.

Once we decide to risk a rose garden, come what may, we next consider the plants we shall buy. Shall they be the one- or two-year old size? If we can be sure of five successive years in one residence, we can buy healthy one-year old plants, and thus enjoy a greater variety. Otherwise, buy the two-year plants.

Plant roses in April, October, or November. I have had better success in Missouri planting in April, but climatic conditions will of course decide this question. It is best never to plant roses near a concrete foundation wall.

We renters must be a bit particular in our selection of roses. We want only the hardiest, quickest blooming, and most prolific. We want plants that will stand moving and resetting, even unto the fourth and fifth time. The varieties listed here have passed this test, with respect both to flaming color and plentiful bloom: Sunburst, Talisman, Red Radiance, Briarcliff, White Killarney, President Hoover, Los Angeles, White Cochet, Columbia, Commonwealth, Sensation, Pink Cochet.

A porch box or garden plot,

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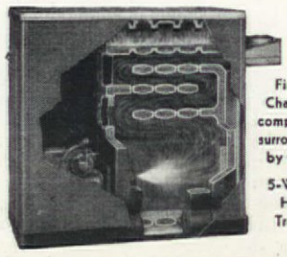

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petunias will solve the pro
for the renter who must co
her love of bloom to one fl
that can be grown quickly, e
and at small cost; the so
flower she can leave behind
out too many regrets.

But the garden loving r
must bear always in mind th
monition: "Gather ye fl
while ye may—for tomorrow
move."

A planting-for-profit problem

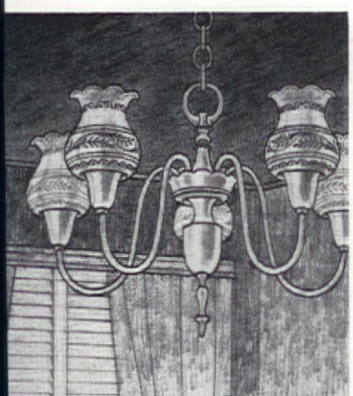
[*Continued from page 35*]

the grower can herself be
highly enthusiastic; fourth, e
investigation and trial to
that it can be grown to perf
under the existing conditions;
fifth, a gradual building up
project—conservatively so a
to sink too large an invest
but also energetically so
benefit by being the first i
field and by enjoying the
of the business.

For these reasons no cu
dried, standardized recomm
tions are possible. Each case
be examined individually
scheme conceived of and w
out to fit the peculiar con
and opportunities. Therei
the chance for the play of g
good luck, a "hunch"—c
what you will. Then com
need for thought, plannin
hard work—plenty of all
Analysis of any instance
home owner or gardener n
"a lot of money off a littl
of idle ground," will reve
important part those factor
always played.

Unfortunately such exper
although not infrequently s
from the hilltops or roa
are actually much rarer th
cases of failure or near
that have resulted from ig
or neglecting the precauti
have tried to outline.—E.
SEYMOUR

A corner of the front garden i
Aires, Argentina, described on



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A cup o' tea —its history

TEA drinking, when first introduced from Asia into England in the 17th century, was vigorously denounced and opposed by many. One man even went so far as to say it was a "base, unworthy practice and a filthy custom." But the use of "tay," as it was then pronounced in England, and still is in Scotland and Ireland, increased steadily and in 1923 it was stated that the United Kingdom must import almost seven pounds for every man, woman, and child every year (approximately 295,000,000 pounds) to keep the Kingdom's teapot going. The Canadians and Australians are not far behind the English as "tea-topers," and the little country of New Zealand imports more tea per capita even than England. The United States is a coffee drinking nation, so our consumption of tea is only about one seventh that of Britain. The Japanese, Tibetans, and Chinese are the greatest tea drinkers in the world, however, probably because of their unhealthful and polluted water supplies.

The tea of commerce is the dried and prepared leaf of several varieties of evergreen shrubs or small trees which have been cultivated in India and China for more than 2000 years. From the beginning of commerce in tea, China held first place as a producing and exporting country. About 1840 British India started exporting tea grown on its own plantations and, due to improved methods of cultivation and preparation, the British growers are now the greatest exporters in the world. Ceylon began to market tea in 1873, and the industry there now surpasses that of China. The plant can be successfully grown in Texas and South Carolina—and there are several tea gardens in both states. However, owing to the lack of cheap labor, it is impossible to produce tea in the United States in competition with Asiatic countries.

The plantations in Ceylon and

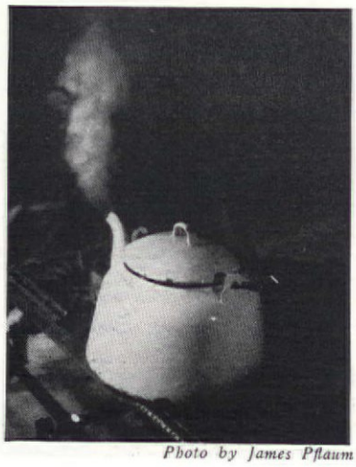

Photo by James Pflaum

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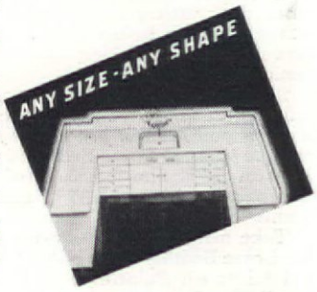

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India sometimes cover hundreds of acres. The low tea bushes have such wide spread branches that the hills as far as can be seen are covered with continuous gray-green foliage. Near at hand, however, it is apparent that the plants are set in straight, orderly rows, no closer than four feet apart each way. The ground is clean and well drained for the tea plant, like cotton plants, must have clean surroundings. Wild tea plants, left to themselves, often grow to the size of a small tree, but the cultivated plants are kept pruned to a height of three to five feet. This pruning forces the plants to produce leaves rather than wood.

When the tea plant is in bloom, there is a profusion of scented white or pinkish blossoms. These look very much like tiny wild roses, the petals encircling a cluster of yellow stamens tipped with pollen. The petals, however, are thick and waxy. The leaves are leathery and lancet shaped, with saw-tooth edges. The leaves of the Chinese tea plant when full grown are about three inches long, but those of the Indian variety grow from four to nine inches.

The plants are ready for the first picking when they are about three years old. At that time they are sending out an abundance of young, leafy shoots—known as the "flush"—and these constitute the first picking. As new shoots grow from the broken tips, another crop is taken. In Formosa, India, and Ceylon the "flush" grows back every two to three weeks, but in China and Japan there are only three pickings a year—the second picking being the most important.

Gathering the leaves is by no means easy work, and must be done skilfully and carefully, otherwise the finished product will be of poor quality. The well-trained pickers, their big tea baskets hanging from their necks, deftly single out the tender young shoots and break off the tops of these at just the right place. Only the buds and the first few leaves are gathered—and, for the finest teas, only the buds and the first leaves are used. The younger and smaller the leaf, the more delicate and expensive the product is likely to be.

The flavor of tea is due to the method of curing it and perhaps to an essential oil in the leaf, but its stimulating and refreshing qualities come from the small percentage of *theine* or *caffeine* which it contains. Caffeine or closely related substances are also found in coffee, cocoa, Paraguay tea or *maté*, and the cola nut. Chemically it is an alkaloid, which acts as a heart and brain stimulant and is dangerous when taken in large quantities. A small percentage of tannin gives the tea color and adds a delicate tang to the flavor.

Green tea and black tea are made from the leaves of the same

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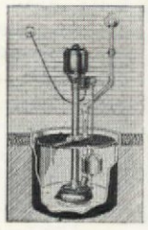

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(16-7)

WATER SYSTEMS

plant by different processes
manufacture. In making the b
tea, the leaves are spread ou
trays for eighteen to thirty h
and wilted with cool draught
air until they are as soft as ve
This produces certain ferm
which add greatly to the flav
the tea. Then the leaves are r
on granite tables either by h
or machine, so as to break the
cells and set free the juices.
they are spread on tables an
lowed to ferment for a few h
When the leaves turn the col
copper and give out the fruity
grance of ripe apples, they
ready for firing, or drying, by
air at a temperature of about
F. Then the leaves and buds
separated and sorted into th
rious grades such as orange p
souchong, etc.

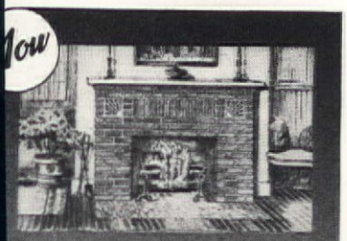
Green tea is prepared in
the same way, except that the
ing and fermenting processes
omitted and a steaming or pa
process substituted, which
pletely destroys the ferment
Ceylon and India most of th
is black tea, while in China
Japan green tea represents
than half of the manufac
Oolong tea, a favorite in Am
is a Japanese tea from the i
of Formosa, and has been
slightly fermented. In China
some parts of Japan, the pro
of manufacture are very prim
and the work is done almos
tirely by hand. On the big pl
tions of India and Ceylon m
machinery is used wherever
sible. In shipping tea, it is p
in lead-lined boxes to prot
from the salt sea air which
to spoil the flavor.

The Chinese and Japanese
the lightly fermented teas
the kind which produce a s
colored drink. Their most de
varieties are never exported
English prefer black teas,
make a dark full-flavored
Americans use both varieties

Brick tea is used extensive
Tibet and Mongolia. This is a
coarse, cheap tea, containing
coarse leaves and twigs, ste
and pressed into bricks. Some
a paste made from glutinou
is mixed with it to make the
adhesive. In Mongolia these
pass as currency.

Different countries prepa
differently. In Japan the
leaves are reduced to a fine po
and mixed with water until
thin pulp. Sometimes the liq
strained but frequently the
anese drink it, powdered
and all, in the same manne
the Turks and other Ori
are accustomed to drink the
vorite beverage, coffee.

Cream tea is the favorite
of tea preparation in Turkes
the preparation of which bla
is used, much stronger, ho
than is usual. The leaves are
until the liquid is nearly



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cream is added, and bread soaked in it, after which it is eaten. The Persians boil the leaves in a pot until the water becomes blackish and very bitter, after which they add fennel, anise seed, cloves, and sugar. In Chinese Tartary both liquor and leaves are swallowed. In Baluchistan a preparation called "shamma" is made from the spent or exhausted leaves, and chewed like the betel leaf in India and the cocoa in South America and is said to have the same exhilarating, almost intoxicating, effect. An infusion of tea and tansy is a favorite beverage in Morocco.

In Switzerland it is customary to mix cinnamon with the leaves before making the infusion and brew both together in the same manner. The Russians seldom use milk or sugar, but always add a slice of lemon or some spice.

There are a number of plants whose leaves are used to make tea-like drinks. The most important of these probably is "Paraguay tea" or *yerbe maté*, which is made from the leaves of a species of holly found in Brazil and Paraguay. Maté has an agreeable slightly aromatic odor, and a somewhat bitter taste. The Indians of North Carolina prepared a tea under the name of "yaupon" from the leaves of another holly-like tree or shrub. It resembled strong black tea with an odor not unlike oolong, and it was extensively used in Revolutionary times as a substitute for China tea in the tea-tax days. A tea is also prepared in Peru and Bolivia from the dried leaves of the cocoa tree. Trinidad tea is prepared from a decoction of the leaves of the pimento or allspice tree, and is in common use in Trinidad and other islands of the West Indies, both as a beverage and as a medicine. Coffee-leaf tea is in use in many of the coffee-growing countries, the natives often preferring it to any decoction of the berry.

Thus, we can now imagine to a slight extent, the amount of time, labor, and money spent in the preparation of the leaves with which we brew our "cup o' tea."

—E. M. M.

ERRATA

We regret that in publishing the illustration of the pool which appeared in the lower right hand corner on page 17 of the February issue, we stated that this pool was in the garden of George Jackson, of Hohokus, N. J., whereas we should have stated that it was in the garden of Paul Hennig, of Hohokus, N. J.

* * *

On page 12 of the March issue the captions describing the two state flowers shown in color were accidentally transposed. The low or pasture rose of Iowa was shown at the right, and the Cherokee rose of Georgia at the left.

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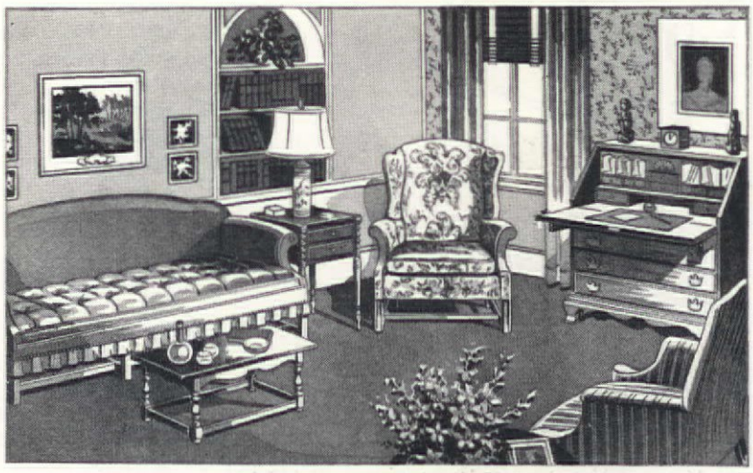

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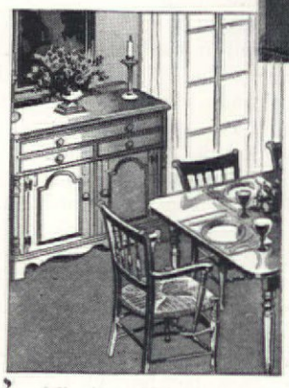
No. 7163 chair $23.50; 7164 chair $28.50; 7193 buffet $81.40; 904 table $49.20.



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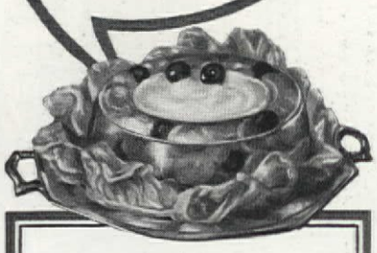

FRUIT SALAD SUPREME

(6 Servings—uses only 1/4 package)

1 envelope Knox Sparkling Gelatine
1/4 cup cold water 1/3 cup sugar
1 cup hot water or fruit juice
1/4 cup mild vinegar or lemon juice
1/2 teaspoonful salt 1 1/2 cups fruit

Pour cold water in bowl and sprinkle gelatine on top of water. Add sugar, salt and hot water or fruit juice and stir until dissolved. Add lemon juice or vinegar and mix thoroughly. Cool and when mixture begins to thicken add fruit cut in small pieces. Use any fresh or canned fruit drained of juice, such as cherries, oranges, grapes, apples, bananas or cooked pineapple, alone or in combination. Turn into mold that has been rinsed in cold water and chill. Remove from mold and serve on lettuce with mayonnaise or cooked salad dressing.

If canned fruit is used less sugar will be required.

★

Knox Sparkling Gelatine made this delicious salad just wh t it is—Fruit Salad Supreme. It is one of 200 dessert, pie, salad and candy recipes you can make with this plain, *unflavored gelatine. To get the complete series without charge, write Knox Gelatine, Box 101, Johnstown, N. Y.*

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The thief in the bread box

OLIVE B. HARRISON

WARM spring days will be here soon. This is the time when the pleasantest thing to do is to stroll around the garden and contemplate on the affairs of nature. Warm weather was made for things to grow in and there will soon be growing things all around us: baby birds in the old tree, brilliant hollyhocks by the back fence shading the rows of beans and cabbage that we must have for our winter stores. And way out beyond we know that the tall corn will be stretching up and out to make food for man and beast. The trouble is that even while we sit and dream there may be things growing in our own kitchens that we are not so particular about.

One of the little bugbears of the summer days is the blue mold that steals its way into the bread box and robs us over night of half a perfectly good loaf. It seems to appear so suddenly, out of nowhere, and it is ruinous to the appetite, though scientists assure us that it is absolutely harmless to the system. We know it is beautiful. If we could look at it under a microscope we would marvel at its delicate loveliness. But it is so annoying to go to the bread box on a warm morning and find a flower garden on what we expected to use for breakfast.

Blue mold is no respecter of persons. It happens in the best regulated of families. The other kinds that used to be so prevalent on canned fruits and jellies we have almost eliminated by proper sterilization and tight sealing. But this blue variety that forms on bread sneaks up on us so like a thief in the dead of night. Perhaps if we understood its nature more thoroughly it might be easier to control its stealthy approach.

Mold starts to grow a good many hours before anybody knows it, for its beginnings are entirely invisible to the naked eye. An infinitesimal spore lights on the surface of a nice soft piece of bread and immediately it sends out a very fine white thread. This thread finds plenty of food and foothold, so it keeps on boring its way into the heart of the slice until it is an inch or two long. Soon other threads branch out from this one and more grow from the branches, until in a few hours a whole network of threads is spreading itself on the surface of the slice and sending its tiny roots down into the center. Under the microscope they would look like a mass of white fibers, but they are still invisible to the casual observer. Only a slight musty odor might give any indication of their presence at this stage. S however, the threads begin grow the other way. Short shoot up from the surface into air and on the top of each t develops a cluster of tiny spo These clusters are what co spond to the flowers and frui the higher orders of plant life the tiny specks, called spores, respond to the seeds. There dozens of these spores in cluster and they develop so ra ly when they have once sta that they seem to make the r spring suddenly into life, for are what give it its color. T are many kinds and many c of mold: red, green, brown, b pink, yellow, or what have But the blue mold is the one commonly found on bread an more spores there are the it is bound to get.

These spores settle lightly the mold like the finest of dust, ready to fly off into th the moment they are distu In fact, the air is full of the the time, summer and winter, time and harvest, and when of them finds the right env ment it will grow.

What then is the right env ment? First and most impor there must be plenty of mois More than any other form plant life mold must have ture, for the higher orders of life can sustain themselves some time in a drought, b mold will flatten out and c soon as it begins to dry out. there is the question of tem ture. Mold will grow at degrees and some kinds in a mosphere even lower than but it will spread and mu most abundantly when the perature gets up between se and one hundred degrees. lastly, like all thieves, it darkness. Sunlight is its enemy. But give it a cozy, dark spot, preferably a sma closed space, with plenty o moist substance to work on it can get ahead very rapidl wonder it flourishes in the box in dog days!

Bread box care

Cleanliness of course, is th step in ridding ourselves c summer annoyance. The box should be washed ofte ing care to dig out the c with something small and so that no crumbs are left in the crevices. And each ti box is washed it should b aired and dried out in th light. But cleanliness i enough. It is only an aid prevention of mold growt only sure way is to exclu spores from the bread itse that means excluding the means keeping the bread w at all times. If it is bought

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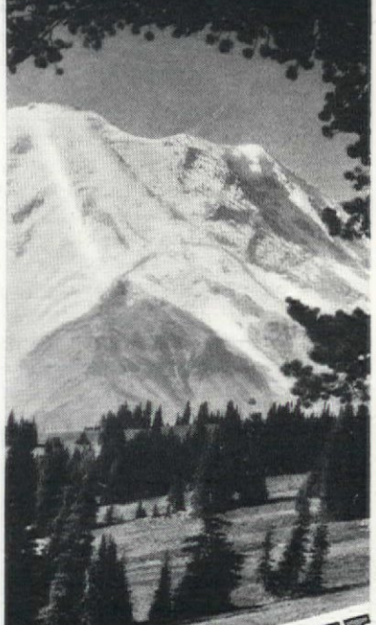

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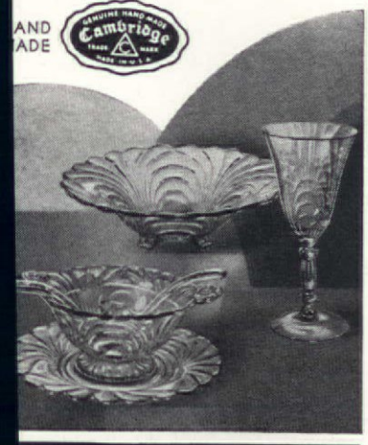

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store it should be kept in the original wrapper down to the last slice, and if it is made at home the loaves can be wrapped in wax paper or a clean cloth. This practice not only keeps out the mold spores but it keeps the bread moist to the last crumb.

The real offender in the case, the culprit that lets in the thief, is the slice of bread that was left over from dinner and was just dropped loosely into the box without any special attention. While it stood on the table an hour or so, thoroughly exposed to the air, enterprising little mold spores were secreting themselves in the crevices on its surface, preparing to do their part for the perpetuation of their kind when they should have reached the propitious atmosphere of the bread box. When one slice begins to mold it takes no time at all for the fungus to spread to all the rest. It is like the moral in the story of the rotten apple in the basket of sound ones: "Bad apples spoil the good and soon all are bad."

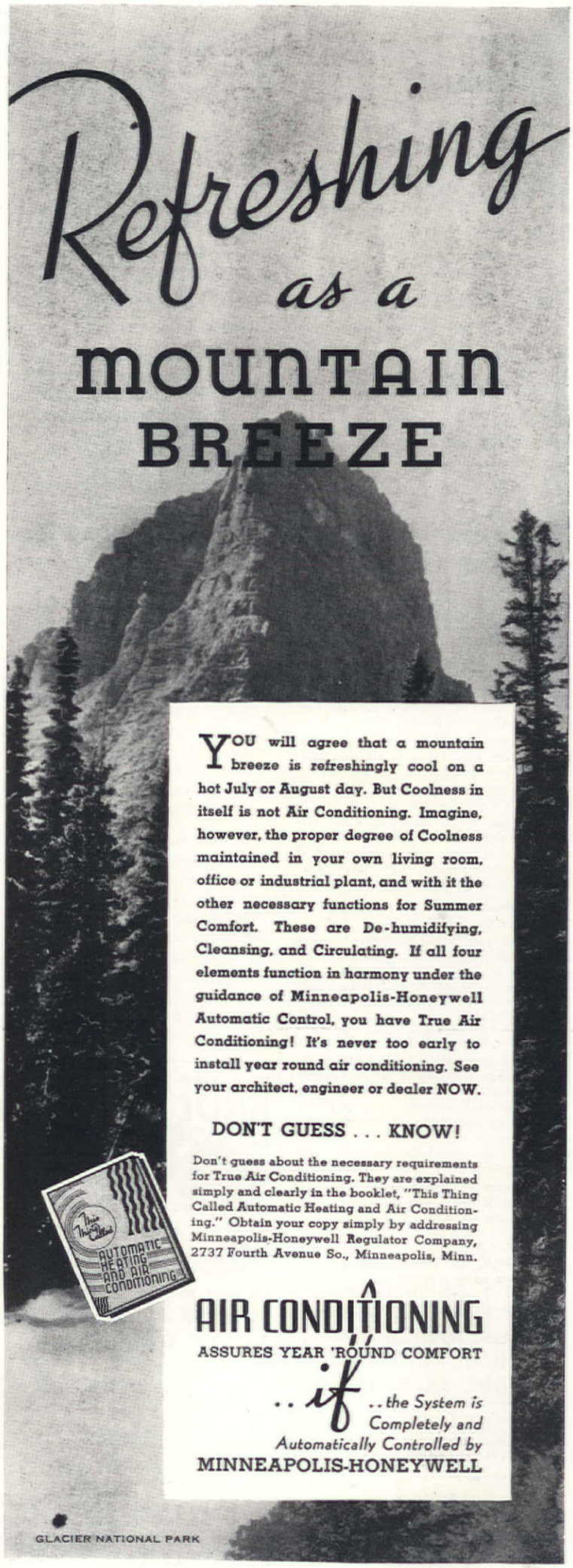
In the summertime it is just as well not to put away those exposed slices with the rest of the bread; or at least, let them be wrapped separately. Wrapping has one other bad effect on molds. It keeps out the air so that they cannot grow, for they must have a certain amount of oxygen even to make a start. And if, in spite of the most meticulous care, these persistent, omnipresent, infinitesimal specks have their way, it need not mean a complete waste if they are arrested in the first stages of growth. When that slight musty odor is detected the bread may be dried out and used for crumbs. Cooked on the top of escalloped dishes or on croquettes there will be no flavor and absolutely no bad effects to be feared.

Dollar Ideas

NOTE: We are desirous of publishing the useful dollar ideas submitted by readers just as quickly as space will permit. But, due to the great number on hand, we must request that no more ideas be submitted until the supply has been used up, when we shall publish a request for more. We cannot enter into correspondence regarding material submitted, nor can we return rejected copy.

To shampoo your rugs

A good carpet cleaner can be made by shaving fine one bar of good white soap or its equivalent of white soap flakes in two quarts of soft water with one blue tablet and four tablespoonfuls of ammonia. Heat until soap is dissolved. When cool, pour in cans and put lids on tightly. When ready to use put one pint to a gallon of water and let heat until



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dissolved—then go over rugs or carpets with a brush. HOWARD SIMMONS, Browns, Illinois.

Rejuvenate lamp shades

Are your silk or cotton vanity lamp shades faded or dingy? Remove any trimming and pop them into a deep vessel filled with dye in any desired color. Be sure that shades are completely covered, and add a touch of salt or vinegar to the dye to set color. Stand on board to dry. They'll be completely rejuvenated and not the least bit out of shape—the frames prevent shrinking. MRS. IRENE KOHLER, Jeffersonville, N. Y.

Colored potato chips

When soaking potato chips, before frying, add any desired coloring making it a bit deeper than you wish the color to be when cooked. Chips should not be cooked too rapidly as the secret is to have them very crisp. Do not let them brown as they will lose their color. These make an attractive addition to the salad course, particularly when carrying out a special color scheme. MRS. D. C. COLSON, Glenwood, Ga.

Lemon as a bleach

When your white handkerchiefs, table linen, or clothes begin to look gray and dingy, put a few slices of raw lemon with the rind, into the water in which you boil them. This will make the clothes whiter and will remove many stains. MRS. BARRY O'DELL, Oakland, California.

Get the most out of your oven

Whenever I light my oven I put some white potatoes and also some sweets in to bake while the other things are cooking. These fill in the odd nooks and corners. (I never light the oven for just one article, but bake main dishes and desserts for two days ahead.) When the potatoes are cool they can be stored in the refrigerator

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and may be used for creaming, pan frying, combined in scalloped dishes, etc. The sweet potatoes are delicious pan fried or candied. MRS. W. HAROLD HULSE, Mantoloking, New Jersey.

When frying doughnuts

I have found that one teaspoonful of vinegar added to the fat or oil in which doughnuts are fried will prevent the cake from absorbing the fat. MRS. MINNIE CARTER, Omaha, Nebraska.

Keep the pot a boiling

A teaspoonful of butter dropped into the water in which you are boiling starchy vegetables will keep the lid of the pot from that annoying habit of popping off, as the butter acts as "oil on the troubled waters." Greasing the pan or pot rim about an inch from the top will also keep the pot from boiling over. M. W. ROWLAND, Spartanburg, S. C.

Peanut butter muffins

To make delicious muffins try this one. Prepare your batter in the usual way and put a small amount in the bottom of each muffin cup. Then put in about a teaspoonful of peanut butter and fill the cup with the rest of the batter. Bake as usual. MRS. A. DREW H. HAGEMAN, Niagara Falls, N. Y.

Insulating your dessert

When serving an ice on a glass or china plate, I have discovered it will not melt so quickly if a wafer is put on the plate first. Actually the wafer prevents the warmth from the china or glass from melting the ice quickly. This is worth trying, for ices to be satisfactory should be firm. MRS. PAUL R. STRAIN, Omaha, Nebraska.

Juicy pies

When a two-crust pie is ready for the oven, make a funnel of a three inch square of plain paper, pin at the side and place funnel in center of pie, pointed end down as far as the bottom crust. Juice of the pie will boil up into the funnel instead of out into your oven, making your pie juicy, your oven cleaner, and also preventing unpleasant odors from burned juices. PHYLLIS ALEXANDER, Belleville, Illinois.

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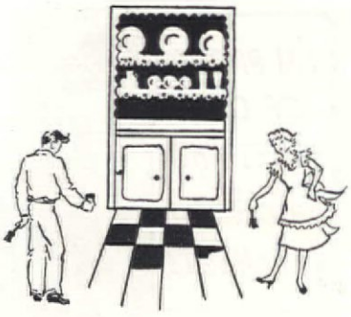


We do it over

MARCHA FRENCH

OUR family has always been what is generally termed conservative, so that when we began discussing with our friends our tentative plans for redecorating the house, people received the project with raised eyebrows and discouraging remarks. Our present scheme, so wholly lacking in the startling modernisms of up-to-date decorating, seemed, by contrast, to make our future plans sound like a painter's nightmare.

"Yellow for the living room, brown for a bedroom, red for the kitchen, navy blue for the bath . . ." rang out like clarions in the ears of our listeners. They would sit in horrified speechlessness while we raved on.

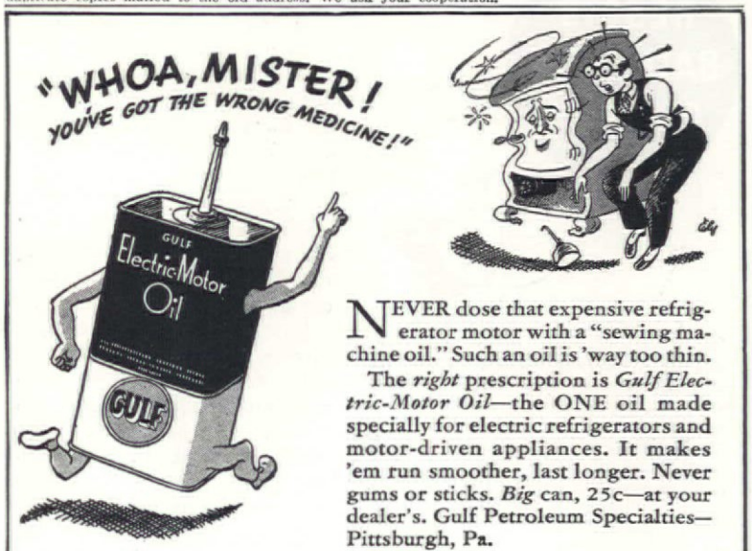
Our house is a most inconspicuous one. Small, low, of white clapboard, and Colonial in style, the windows are its most charming feature. They are wide and square-paned and admit a great deal of sunlight and air. We had always had dignified, rather depressing, heavy draperies and discreet glass curtains in our living room and dining room, but now . . . spring was in the air, the heady odor of white pear blossoms, thick in our tiny orchard, came drifting in and suddenly, without knowing quite how or why, the whole family, as a single unit, had bought or rummaged in closets for every decorating magazine available. Presently we found the painters and paperhangers ringing the door bell at seven o'clock one sunny May morning.

Today is May fifteenth. After a stormy week of solid and utter discomfort, our doubts, apprehensions and vague misgivings have finally smoothed away into a sea of calm serenity. All is now a picture of peace.

It *did* turn out just as we had planned, and even better! We will admit, however, that we had our share of qualms and quakings. Especially when the men started to work on the kitchen. But that's getting ahead of our story as you have come to the front door, and the kitchen, while not far away, is reached only by passing through the living and dining rooms, to say nothing of our diminutive but quite satisfactory entry hall.

WHEN YOU CHANGE YOUR ADDRESS Be sure to notify the Subscription Department of THE AMERICAN HOME at 251 Fourth Ave., New York City, giving the old as well as the new address, and do this at least four weeks in advance. The Post Office Department does not forward magazines unless you pay additional postage, and we cannot duplicate copies mailed to the old address. We ask your coöperation.

"WHOA, MISTER! YOU'VE GOT THE WRONG MEDICINE!"



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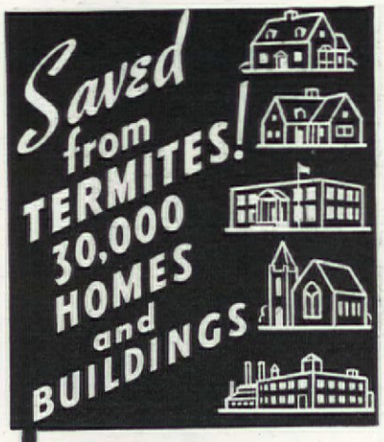

Every year termites destroy over $50,000,000 worth of property. These tiny wood-eating insects silently and secretly undermine the strength of structural members in homes and buildings throughout the country.

Termites work from the ground up and hollow out wood supports for their food. Their presence and insidious attack are seldom known until serious damage has been done. Then costly repairs become absolutely necessary.

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No property owner can afford to overlook the possibility of termite attack. You owe it to yourself—to the investment you have in your property—to check and find out whether it is being damaged by termites. Send in the coupon below and Terminix, world's largest termite control organization, will inspect your property without cost or inconvenience to you.

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Use Genuine
PLASTIC WOOD

Because the doorways from the hall into the living room and thence into the dining room are very wide, and seemed to give an all-in-one look to these three rooms, we decided to use a lemon yellow wallpaper throughout. The walls are lovely! Clear yellow that warms our north hall and living room. And now that dusk is just beginning to creep in through our big windows they take on a palest of green cast in the dim corners. At night they become quite creamy in the lamplight.

The woodwork is painted a deep putty and our draperies are a paler shade of this same color, almost an oyster, to match the little faint fleur de lis which figures the paper. A soft gray rug adds dignity to the hall and in the living room scatter Orientals in dark, warm tones and Persian designs add richness and depth. The draperies hang straight down from natural wood rings on natural wood poles. We have no shades to clutter up the view of our beloved pear trees. We can see them clearly now, standing with long, upraised arms, so white, so lovely, so pure, against the smoky mauve of the early evening sky. Soon we will light the lamps and draw the curtains together so that we feel cosy and cheerful and very snug.

For the bedroom on the south, which is naturally bright and cheerful, we chose soft brown and white for the walls and white goat rugs for the dark, shining floor. Suggestions of dull, greyed peach here and there carry the necessary "feminine touch."

The other bedroom (we have only two), being on the north and a trifle sunless, is made lively and quaint with white, cream, and little accents of soft, rosy red. Crystal lamps, frosty bottles and pure white, sheer curtains at the windows blend with the cream furniture. It all makes us think of a snowy bride—like our pear trees outside.

But fancy our daring when we decided on navy blue and white for the bath. White stars march steadily around the top of the blue wall and the mat on the floor is navy blue with one enormous white star in the middle to "bring down," as the decorators say, the white of the ceiling.

Last, but not least, comes the kitchen, the plans for which called forth the most disparaging comments of all from our friends. Nevertheless, here it is, a masterpiece, we think, even though we did shrink from the sight of it as it was being painted.

Chinese red for the lower half of the wall, ivory for the upper, and light cream for all the wood. Chinese red peeps at you from behind the dishes in the cupboard and white, lacy paper, like a coquette's dainty little pettic fringes the shelf edges.

Our only real worry was linoleum. Heretofore, the r had been in green and the leum was gaily blocked in a nating cream and green squ The green fairly screamed at red of the new walls.

"Christmas . . ." we tho with sinking hearts. What to New flooring was outside limits of our budget.

By this time the workmen finished their job. The pai with a can of red paint in hand, looked dubiously at floor of our kitchen. We said hastily, there was nothing he could do, we had plans . . .

But his attitude had give an idea. Paint it, we decide

"And not the whole f someone suggested happily, the green squares!"

"We'll paint 'em black, be there's a wide black b around each green square that'll make it easier!"

So we bought our paint, careful to get the proper kin linoleum, and went to work. ing previously had a rathe experience of two people pa the same floor, we did not time, "start at one end an start at the other." The last the two of us ended in the m staring at each other in a ment while the truth d upon us that we were ma on a tiny island of dry floo

And now our gaily c kitchen is serene and pleased with its newly ac shoes, and we are happiest

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AZALEAS
as house plants

LILLIAN E. FRITZ

ONE day in March, six years ago, I bought a small azalea which was a mass of gorgeously colorful blossoms and buds.

After a few years of faithfully pampering house plants, I had about decided that most of them were only a nuisance. They grew splendidly out in the garden all summer, but a month in the house made them look hopeless. By Christmas time the geranium would have about six half-hearted leaves on each stalk, the fuchsia acted like a wandering Jew and the lantana definitely made up its mind that it did not like the climate; the old oleander (a favorite of Mother's, which we still haul out each spring and in each fall) has never given us a winter blossom yet. So, aside from a few amaryllis and begonias, I had seldom enjoyed a home grown flower from the day when the last, late asters and marigolds froze until the tulips opened in a blaze of glory in the spring.

Nevertheless, I liked the looks of the azalea—and the better I came to know it, the more it delighted me. The buds opened day after day, keeping the plant in full bloom for almost three weeks. Then the plant, instead of shedding its leaves and dying as most hothouse plants will, it continued to grow as an attractive little green bush. When spring came, it was planted out in the garden and forgotten until, along with the other house plants, it was taken in. Much to my surprise it began to bloom in December, having as many as twenty lovely blossoms open at one time. I was so delighted that I proceeded to haunt florist shops and buy azaleas of different varieties and I have occasionally been happily surprised by getting larger, deeper-colored flowers in the house than were originally on the plant when it was bought.

There are hundreds of species of azaleas, of course, ranging from

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Those Easter gift plants of yours

ABOUT twice each year horticultural editors are swamped with letters asking, in more or less identical phrases, "What should I do with the lovely plant that has been given me for Easter (or Christmas, as the case may be)? How can I keep it alive and will it flower again?" The plant may be an azalea, gardenia, baby rambler rose, genista, poinsettia, or any other of a number of flowering subjects; but the problem is the same—and so, after all, is the solution, the technique of handling such a plant after it has flowered and faded. Of course the way it has been handled in the greenhouse and the extent to which it has been forced, as well as the exact nature of the plant and its particular requirements as to moisture and temperature, are factors that will modify the fundamental principles of caring for it. But, knowing the basic requirements, one can easily vary the details of handling it. The methods that have proved so successful in Miss Fritz's case are a good exposition of these basic principles and right now, when so many of us are enjoying the color and fragrance of Easter gift plants, they are peculiarly timely. Study her simple methods and then "go thou and do likewise."—EDITOR.

tiny pot plants only a few inches tall when in full bloom, to twenty-foot shrubs of the southern states. It is most satisfactory to buy small plants of dwarf varieties as they are slow growing and will remain a nice size to keep as window plants for several years.

Each spring, when danger of frost is past, I set the plants in a semi-shady spot in the garden where they receive the same care as surrounding annuals. The smaller ones are plunged—that is, set into the soil, pots and all, while larger plants are carefully removed from their containers and put directly into the earth. The first week in September I repot them all (about an hour after a thorough watering), using equal parts of leafmold and loam, with a small amount of complete plant food mixed in. Pots are chosen large enough to accommodate the roots and allow a reasonable supply of soil for growth and nourishment. The roots form a compact mass so a six-inch container will often be sufficiently roomy for a bushy azalea ten to twelve inches in height. When the soil has settled in the pots, I mulch with a half-inch of leafmold to prevent the drying and exposure of roots which are near the surface. If you can get hold of weathered evergreen needles, they make a neat and lasting mulch.

The repotted plants are left outdoors until there is danger of frost when they are taken in and placed by sunny windows. Some are kept in the living room where the temperature is usually 72 degrees; others spend the winter, except when blooming, in a cool bedroom kept at 50 or 60 degrees. They do nicely in either location.

For winter fertilizing I use half a level teaspoonful of Vigoro to each six-inch pot once a month. Azaleas prefer an acid soil, so if necessary add a bit of aluminum sulphate or other soil acidifier. Keep the soil moist at all times. An occasional thorough soaking is beneficial as the soil is loose and the roots are fibrous; don't expect a teacupful of water twice a week to keep them flourishing.

I have never had any troub from disease or pests attackin my azaleas but as a preventiv and to remove dust, I wash the every two or three weeks, settin the plants in the sink or bathtu and drenching them with co water from a small sprinkling ca or the shower spray.

A plant will continue to bloo for several years with a litt pruning to keep it shaped. Pru immediately after blooming only the well ripened twigs be flowers. Buy your plants in t winter or spring from florist sh or nursery. Species listed as spri flowering will surprise you with gorgeous display of blossoms ne winter, right in your own fro window, and even some of yo gardening friends will marvel, a perhaps doubt your word wh you explain that they are rea house plants and not specim just received from the florist.

Non-rusting garden tools

When through using gar tools put a small quantity of l in a box or barrel. Then sink i the lime articles not in use; keeps tools from rusting. M D. R. HEVESSY, Norfolk, Va.

Picnic steaks de luxe

A good idea for picnic ste Place the first steak in a cr and sprinkle with olive oil which a little garlic has b sprinkled, place the next steak top and treat it the same until all steaks are in. Leav ice box twenty-four hours. they're ready for the broiler the open fire—and how they'll taste! CATHERINE HA Lonpoc, Calif.

Burned your cake?

If the cake you're coo burns, don't try to cut or sc off the burned part with a k Use the fine side of your grater, sliding it over the gently. This will remove burned portion without te or cutting your cake. MRS. M BEACH, Washington, D. C.

Send for nine full-color reproductions and story book describing the famous old FARMHOUSE RUG COLLECTION

of ARSELIA — ROWENA — BEDELIA WAYNE

Design motif one-quarter actual size

Firth's reproduction of Bedelia Wayne's favorite "Mother-of-Pearl" has the true shimmer of aged bridal satin as a background for a prim diamond design in many colors. All the charm and patina of the original have been caught in this generously piled, deep-wool rug in all room sizes.

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You must look closely at Upson Decotile to distinguish it from the finer, costly tiles you've always admired. Its matte-glaze finish is so rich in tone, so mellow in texture. It washes, too . . . like a China plate. And the colors! Delicate pastel shades of blue, green, ivory, and the black and white so popular for modern motifs.

Speaking of "modern motifs", look again at the upper walls in the bathroom illustrated above. That's Upson Artwal . . . *smooth*, stylish, sophisticated. And the lustrous chromium in latest horizontal trim is one of several new Upson Decorative Mouldings. Also in colors matching Decotile and Artwal.

★*And now for the cost* . . . the greatest surprise of all! In an average 8 ft. x 10 ft. bathroom your bill for Upson Decotile should be around $20; ...with Upson Artwal, for upper walls, slightly more. For the ceiling, Upson Board, of course . . . the *specialized* material so popular today . . . at a cost of about $4.00. These costs do not include labor and accessories.

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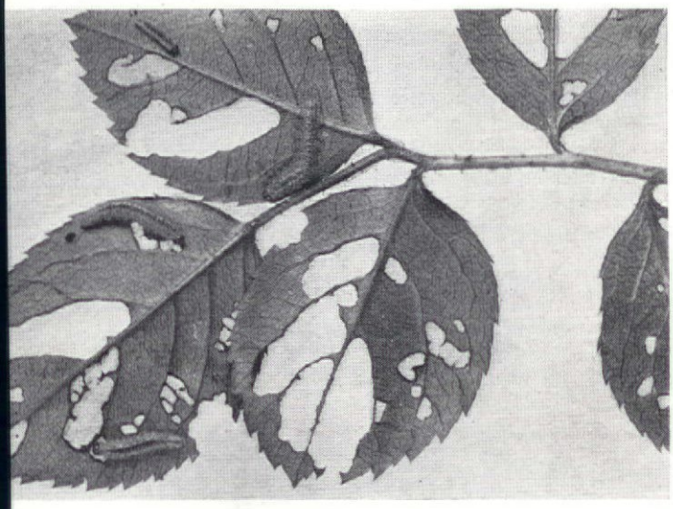
[*Continued from page 33*]



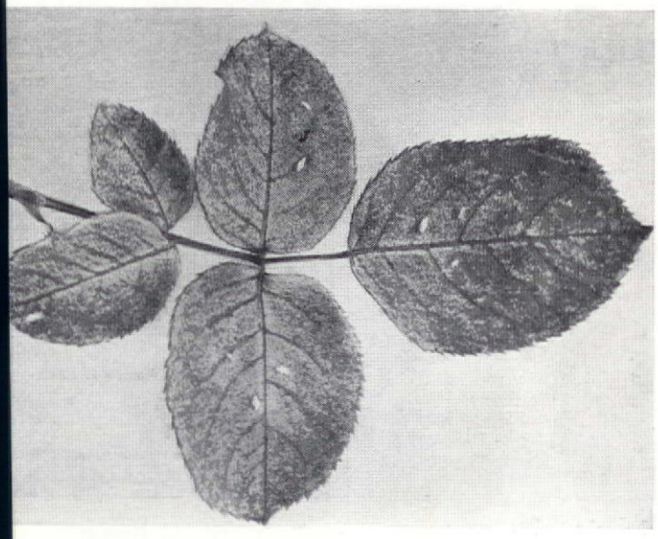
ose slugs—soft, slimy, green creatures (16)—devour the aves, working on the under side. This means that a poison ray or dust must be applied from below and "shot" upward

es, spraying, even though it ed the appearance of the bs for a few weeks, would be fied indeed.

o you see these large, elon- d, tan-colored galls on the tips ur blue spruce branches? Your ener said they were cones? many people think so, and s why evergreens may get a very low state before the r realizes anything is wrong. ally, these galls are caused n aphid—a relative of the plant lice that cluster on rose bush tips, or the black that pester nasturtiums. And aphids are there now, pa- y sitting on the little open es of the cones, waiting until growth starts and they can more trouble. Your task is —just break off and burn the Simple? Of course, but ef- e, for ten or fifteen minutes now will add many dollars e future value of your trees.

The aphid galls on Norway spruces (8, 9, 10) present a more complex problem. These pine-apple-shaped overgrowths are formed less often at the tips than back at the joints where you can hardly cut them all out without ruining the shape of the tree. Yet, if you do nothing, in a year or two the lower branches will be bare, dead, and knobby with the old galls. A year or two more, and *all* the branches will look that way. As soon as you have time, cut out any old, dead branches and such galls as you can. Then, about the second week in April, on a bright morning, take the miscible oil you bought for the lilacs, dilute one part with twenty-five parts of water, add one teaspoonful of nicotine sulphate (Black Leaf-40) to the gallon and spray thoroughly.

You can use the same solution for spraying the bark of this young pine to kill the woolly



y white leafhoppers (17) also feed on the under side of leaves, but more delicately, causing a whitish, stippled ct. Control with the same methods used against slugs

Ilg Kitchen Ventilator for permanent built-in-the-wall installation. A pull chain starts and stops the ventilator. Finished in French Gray with mirror finished grille.

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A LETTER FROM LORD TENNYSON

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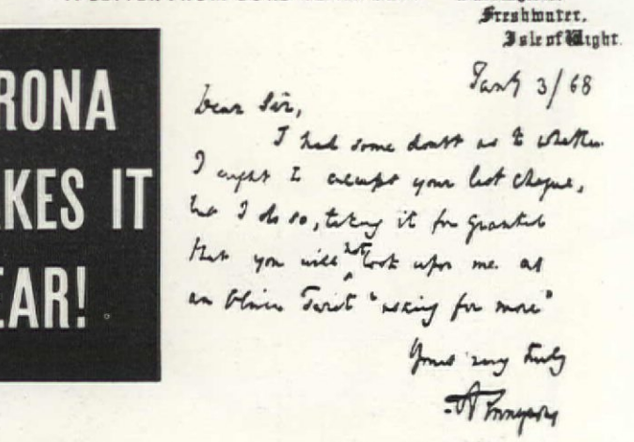
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Jany 3/68

Dear Sir,
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Yours very truly
A Tennyson

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white aphids that cling to the trunk and underside of the limbs looking like bits of fluff or cotton. It is also effective in controlling the white scales that dot the needles (4).

Here are scales of another kind—small, round grayish-white ones—on the juniper needles (5). You can use the oil spray on them, but it is a bit safer to use liquid lime-sulphur, diluting the concentrated material you buy with ten parts of water.

While we are here among the evergreens, I am going to take these round, brown galls—you may have heard them called "cedar-apples"—off the cedars.

Eight weeks—eight hours

A Calendar of Garden Care for Spring

(Latitude of New York City—earlier South, later North)

MARCH

Fourth week: Spray lilacs and other deciduous shrubs for scale. Cut out rust galls on cedars and aphid galls on spruces. Cut out tent-caterpillar egg masses. Dust hollyhocks with sulphur.

APRIL

First week: Prune roses, with a special eye toward disease control. Clean up any old peony stalks; cut close to ground. Remove old iris leaves and debris.

Second week: Use a delayed dormant spray on evergreens to control scale, aphid galls, pine bark aphid. Treat delphinium for mites. Make a general inspection for borers.

Third week: Apply first spray—or dust—to roses. Watch delphiniums for mite injury.

Fourth week: Spray roses.

MAY

First week: Spray roses. (If you dust instead, apply a separate contact spray for aphids and leafhoppers.)

Second week: Spray roses and delphiniums. Inspect tulips for blight. Pick off all diseased leaves and fading flowers.

Third week: Spray roses. Dust delphiniums and phlox with sulphur.

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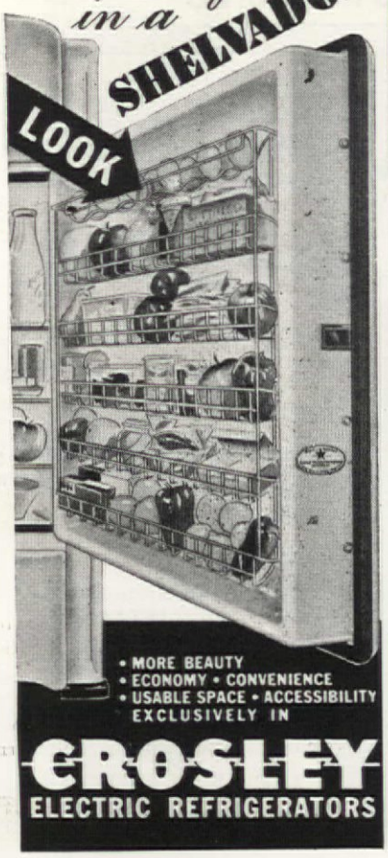

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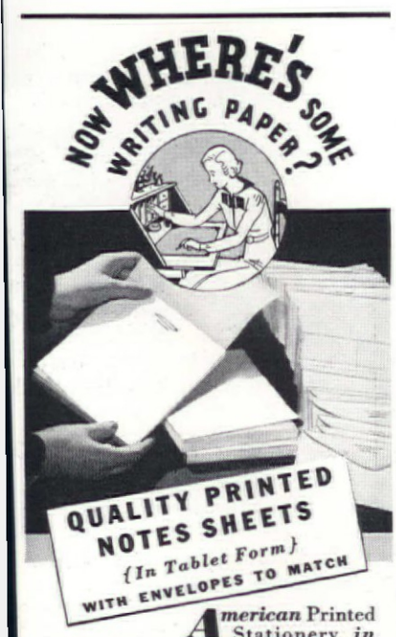

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DOUBLE X

You might forget to do it and the orange-colored spore-horns that are just beginning to protrude will lengthen in wet weather and have a gelatinous consistency. When it dries again, the spores are detached and carried by the wind to start new infections—not on cedars, however, but on various members of the Apple Family, including crabapples and hawthorns, as alternate hosts, from which later on other cedar trees will be reinfected. That is why such ornamental plants (especially Bechtels crab, which is highly susceptible) and cedars should not be planted in close proximity to each other.

You can see now the advantage of planting the Japanese snowball (Viburnum tomentosum) instead of the common variety (V. opulus sterile) whose leaves are inevitably curled by aphids as soon as they appear. . . . Here we might stop a minute while I cut off a couple of tent-caterpillar egg masses from this hawthorn; there are probably more on those wild cherry trees across the way. They are due to hatch in a few days and there is no use borrowing trouble by neglecting them, even though the danger from this insect has been somewhat overrated and over anticipated.

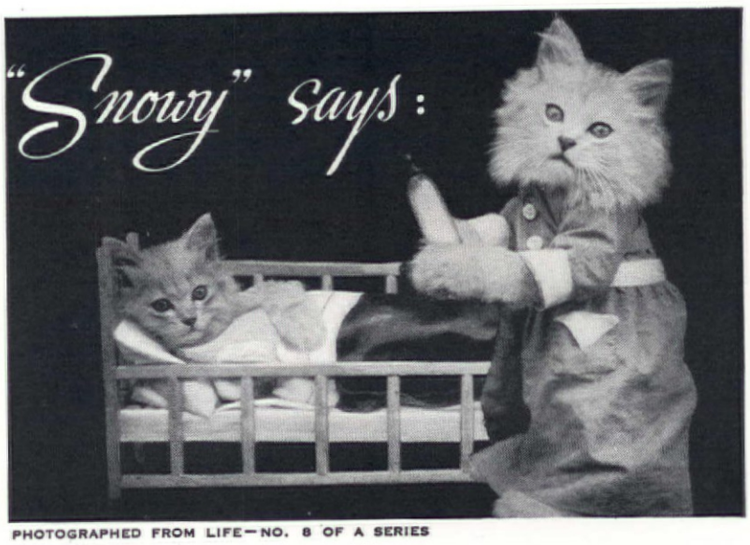
Now to the perennials. I can see from here that you did not cut down the peonies properly last fall. Don't feel too badly, though, for few people do, in spite of all the advice that has been written. At least you did not commit the heinous crime of using the tops for a mulch!

But see all the potential trouble on the stalks that you left standing—the small, round, black sclerotia (resting bodies) of the early botrytis blight (11); and the large irregularly oval sclerotia of the fungus that causes the late blight. New shoots coming up near by may take the disease, rot, and soon topple over. Or, if they survive that threat, the buds may later on turn black and never develop, or blast when half open. Probably you've seen that happen more than once and wondered why. So cut off the stalks now, as well as you can and next October I will remind you to do it properly. Notice that some of the old stems are covered with oyster-shaped scales.

Hollyhocks and delphinium

The yellow spots on the surface of overwintered hollyhock leaves that have lain around all winter indicate reddish pustules of rust spores underneath (12). Clean up and burn all you can; then dust the plants thoroughly, from the ground up, with fine sulphur dust. Repeat as needed.

As soon as the delphinium shoots appear, they may tell you that the mite (a tiny, eight-legged



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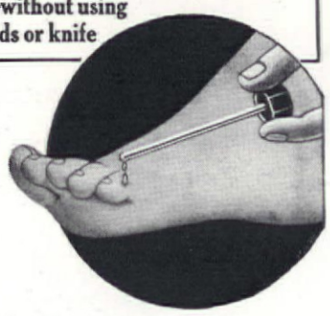

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Dr. Westcott, a graduate plant pathologist of Cornell University, was for some years with the Boyce Thompson Institute for Plant Research, studied in one of the world's leading plant disease laboratories in Holland, and for several years has been a "general garden practitioner" in New Jersey—probably the first of this new profession in the country. She was a major contributor to "The Garden Encyclopedia" and her new book, "The Plant Doctor," is scheduled for March publication. She will give THE AMERICAN HOME readers additional practical help in articles to appear in the June and October issues and a fourth early next winter.
—EDITORS

relative of the red spider, too small to see with the naked eye) is already at work, curling up and deforming the leaves and later blasting the buds. You must keep right after the mites, using a rotenone compound, or pyrethrum, or sulphur dust, or nicotine sulphate and soap at least once a week. Destroy all infested leaves and flower heads as fast as you notice them, and if any plants look very sick, harden your heart and pull them up. Plant new delphiniums in another part of the garden.

A few sanitary precautions may be necessary in the tulip beds in May. If any leaves turn yellow prematurely, or are covered with a gray mold, another botrytis (3), remove and burn them. In fact, as you inspect the garden each week, carry a large paper bag with you for just such a purpose. Be sure to pick off all fading flowers as well, lest the petals, as they rot into the soil, harbor the dangerous sclerotia.

Protective work among the roses

There isn't much time left to talk about your roses, but try to get good results with them one more year. If you succeed, you will certainly be planting more next fall.

Wait until the first week in April, or even later, to take off the soil you mounded up around them; then prune immediately for disease control. While the canes are still moist you can most easily distinguish the dark red or purple or brown or tan or white lesions that indicate the various canker diseases (13, 14, 15). You need not differentiate between the various kinds; it is enough to know a canker when you see one. Some of them are caused by weakly parasitic fungi which enter through wounds, such as stubs left in pruning, or rubbed places where you fastened a cane against the house or trellis with wire staples. Always use raffia or soft string for tying and *cross the string* between the support and the cane, so it forms a "buffer." A lesion which girdles a cane may cause a gall formation above.

Brown canker is exceedingly common in gardens; it starts with small, white lesions with red margins. Older cankers when first uncovered may present a rainbow of colors, but later there is only light brown, dead tissue, filled with tiny black dots—the fruiting bodies of the fungus. In wet weather, yellow spore tendrils ooze from these dots. Just think of the chances for spreading infection with your hands or tools if you leave the cankers until later in the season! Cut all your canker, all your diseased rose canes *first*. Then prune what is left according to your own notions or the rosarian's instructions. I find it beneficial to cut my own roses back rather severely.

Toward the end of April, when the rose leaves are well started begin your spraying or dusting campaign. Unless you have a great many roses this need take you only a few minutes, but it *must* be done regularly once a week. If you go off visiting, make sure that some one else attends to it.

In my experimental rose garden over a period of years, the simplest and most satisfactory procedure has proved to be the use of a three-in-one spray called Tri-ogen. In spraying roses, always direct the flow *from underneath* and send the spray through the bush. The upper surfaces will be covered sufficiently and the accumulated spray residue will be far less unsightly than if you drench the plant from above; besides the latter method, while it may kill aphids and some mildew, will do little to prevent the dreaded black spot, or control the soft, slimy, green slugs (16) and the leafhoppers (17) that are prevalent in May. These two insects usually do their damage before you are aware of their presence since they both work on the underside of the leaves, the slugs chewing everything but the veins and upper surface, and the leafhopper sucking out the sap, producing a peculiar stippled white appearance.

A weekly Tri-ogen treatment takes care of all such troubles but you may prefer dusting. In that case, use "Massey dust" a combination of nine parts very fine dusting sulphur and one part arsenate of lead. Dust only when the leaves are dry, and send a gentle cloud up through the bush. This will control black spot and mildew and most chewing insects including the slugs, but it will not affect aphids and leafhoppers. For these, spray with nicotine sulphate (one teaspoonful) and soap (one cubic inch) to each gallon of water; or use one of the many

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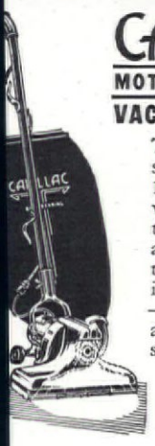

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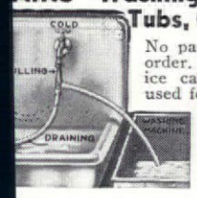

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Well, I must go on to my next "patient." But I'll be back about the end of May and then we'll look for red spiders and beetles, the four-lined plant bug and the iris borer. At that time, too, I'll warn you against crown rot and, most particularly, check up to see if you have been spraying your roses *every single week*. . . . Good luck!

[*Acknowledgment for photographs used in this article to Dr. H. Bade (1 and 12); Dr. W. E. Britton, Connecticut Experiment Station (2, 4, 5, 7, 16, 17); Dr. R. P. White, New Jersey Experiment Station (3); F. M. Demarest (6, 11); the author (8, 9, 10, 14); Dr. Anna Jenkins, United States Department of Agriculture (13, 14), reproduced from 1927 American Rose Annual.—Editor.*]

Saving the back yard grass

VERA B. EDWARDS

THE way from my kitchen door to the garden gate is long—and the grass suffered from the human traffic. Some cement bricks would make a good looking walk and "take" the wear and tear of trodding feet. I priced them but found them too expensive for my purse. I should make them myself, I reasoned, and set about doing it. This is how from start to finish.

First, I had the home Handy Man make me a mold. It must be made, said wise he, from well-dried hard wood, else it would warp. He chose hard maple. From it he cut a ¾-inch board 3¾ inch wide by 26 inches long. He cut another board 1 x 1 inch wide by 7½ inches long. At the hardware store he got me a pair of 3½-inch iron quilting clamps. I wanted my bricks to be the regular standard size, which is 8 x 3¾ x 2¼ inches and he was making my mold of such dimensions as would produce them exactly as I wished.

I must make, I said, artistic and extremely durable bricks. So Handy Man ran the ¾-inch board through a planer. Then he thoroughly sanded the planed side with No. O sandpaper. He knew that the wooden mold would be subjected to moisture and that that would be harmful to the wood. So he shellacked the surfaces, let the shellac dry, then sanded it gently with partially worn out No. O sandpaper.

Next, he sawed the prepared wood into parts shown in the drawn specifications, using a carpenter's miter box to insure accurate, straight lines. He didn't

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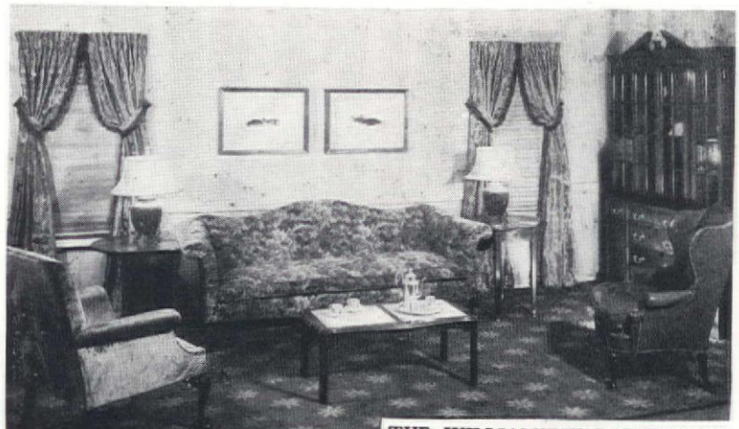

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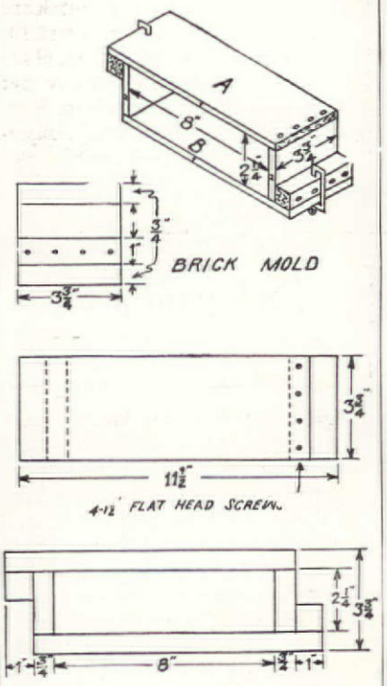
want me to have difficulty in laying my bricks expertly, he said, and I would have if my bricks were untrue. Considerate technique—appreciated by me.

In fastening the two parts together, Handy Man said he would use screws, not nails, because they would keep the parts rigidly in place. Nails wouldn't. Then I could tamp and squeeze and pack like a veteran brickmaker, and my mold wouldn't spread apart.

Parts "A" and "B" are identical in size and form. They are held in position with the quilting frame clamps as shown.

I knew enough about cement products to realize that my



"green" or uncured bricks could not be handled without distorting their accurate shapes. So I had either to provide smooth boards for "pallets" or work on a table. I decided on the latter, since my capacity, I knew, would not exceed three or four dozen bricks in any day. If I made my bricks right on the table top they could stay there for the initial "set."

I got my materials, i.e., cement and clean washed sharp sand—from the local lumberman. I made a mixture of four parts sand, one of cement, and enough water to make what the professional brick maker calls a "semi-dry" mix. This is wet but not "sloppy." My test is made by squeezing a bit of the mixture in my hand. If, when having it pretty wet, it still retains its shape after squeezing, I know the consistency is right.

Next, I put parts "A" and "B" together, seeing to it that the edges are flush at either end. Then I screw on the clamps good and tight. This gives me an inside mold compartment measuring exactly the same as the standard size brick.

I set the mold upright, on the table where the bricks are to cure

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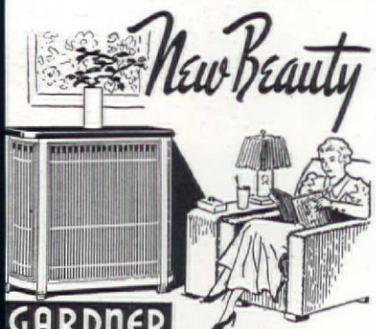

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(in the shade, never in the sun or strong wind). With a garden trowel I scoop the mixture into the mold, filling it in a little more than even with the top. Then I tamp it down firmly with the end of a two-inch square, six-inch long block of wood. Any surplus mixture left after tamping, I strip off with the blade of an old case knife. The surplus is not wasted, but used again, in the next brick. I never tamp a portion of the fill, then add more mixture, and tamp again. That would break the "perfect bond" and make both unsightly and weak divisions in the finished brick.

The next step is one for steady nerves—i.e., removing the mold from the brick—not the brick from the mold. Without the least little shake or push or jar, I unfasten the clamps and take away parts "A" and "B" of the mold. I wipe these clean with a damp cloth and replace the clamps, thus making the form ready for the next brick.

I do not touch the "green" bricks until the initial "set" has taken place, which requires about twenty-four hours. Then I moisten them with a fine spray, and again leave them to cure, for eight or ten hours. Then they get another sprinkling. After thirty-six hours more, I remove them to a permanent place for continued curing.

In collecting the knowledge necessary to enable me to make good bricks, I learned that any cement product, about ten days after being made, goes through what is known as the "rotten" stage. So I stacked my bricks, after the initial set and before the ten-day period, to finish curing in a shed where I need not molest them until about thirty days later. Here they got daily sprinklings for several days.

Had I preferred uneven broken effects, instead of letting my bricks completely cure, I would have, on the third day, broken them up with a chisel into the desired shapes, then let them continue curing in the usual way.

Making my own bricks has been a treat—first, to my pocketbook, because I acquired them at a permissible cost. Second, to my mind and hands, because I delight in any sort of creative hand occupation, especially when it saves money. When it saves my back yard grass into the bargain—that's not mere delight—in fact it amounts to consummate satisfaction.

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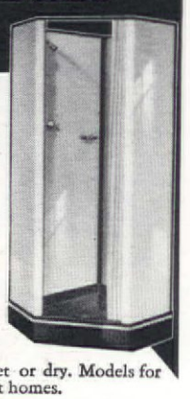

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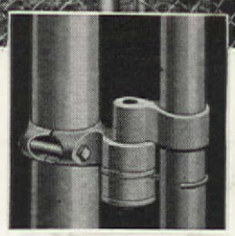

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April thoughts about gardens

E. L. D. SEYMOUR

IT'S good, isn't it, to run across old friends, or have them run across you? It has been mighty gratifying to me, since the February issue of THE AMERICAN HOME carried the news of my present whereabouts, to hear from folks of whom I'd long lost track—and it was like meeting another old friend to have the subject of National Garden Week brought up by Mrs. H. D. Thomas of Paterson, New Jersey, when, recently, she asked me what garden clubs about the country were doing about this annual event.

National Garden Week, you will recall, was conceived and in stituted in 1922 by THE AMERICA HOME—then the *Garden an Home Builder*. The idea sprea over the land so rapidly an spontaneously and was taken u so vigorously by various grou that before long there seemed n need to keep on fostering it. The —perhaps as one of the resul of the dull, depressed times— was neglected and seemed to fa out of the picture in some place But elsewhere, as in Paterso groups have been anything b indifferent to the possibilities the "third full week in April" it was originally designate Mrs. Thomas mentioned t following as some of the a complishments of the Gard Section of the Woman's Cl during recent years:

"We have had each year garden lecture by an ou standing speaker with mus and tea, neighboring clu and the public being invit to attend. The Week has be

Photographs by Anderson McC

The wide-spaced, random laid stones for the terrace at the home of Mrs. Youell, Seattle, give a feeling of room besides being practical. Top: garden of Mr. and Mrs. Ford

For steps in the garden, stone is ideal. Right: home of Mrs. Krause, Seattle

Plant seeds that have 'Graduated with Honors' *from* THE FERRY-MORSE SEED BREEDING INSTITUTE

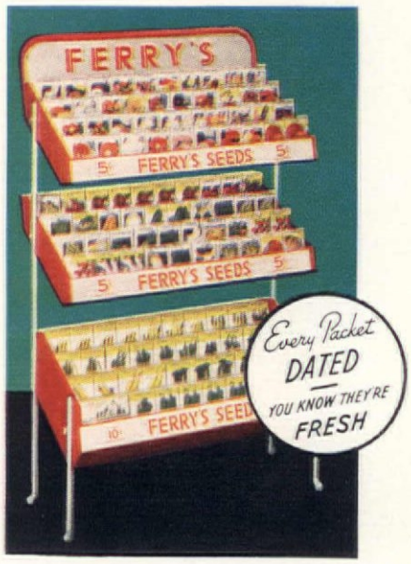
IIS YEAR, would you like a garden filled with isters of gorgeous, fragrant flowers? And rows sweet, tender vegetables? It's easy for every e! For when you plant Ferry's purebred Seeds North, South, East or West—you have the atest assurance that they will produce the est vegetables and flowers you can grow. Every year thousands of experiments are nducted by the Ferry-Morse Seed Breeding stitute to: (1) Maintain the excellence of ex- ng varieties; (2) improve existing varieties; d (3) develop new varieties of greater beauty higher practical value.

Today more than 2000 acres in Michigan and lifornia are devoted to trials, breeding work d growing basic seed stocks. And more than 000 acres of rich, fertile fields, in carefully cted locations around the world, are used for planting these stock seeds and producing seed crops for sale.

Each year, before Ferry's Seeds are put up in dated packets, they must undergo more than 50,000 germination tests . . . more than 9000 purity tests.

Cucumbers—8 inches long, no more, no less; long-stemmed sweet peas; yellows-resistant cabbage; carrots that are practically coreless; these and hundreds of other remarkable achievements are those which enable Ferry's Seeds to maintain their world-wide leadership.

Your FREE copy of Ferry's Home Garden Catalogue will help you make a finer garden this spring. Just fill in and mail in the coupon below. Then when you're ready to plant, you'll find the seeds you want, *most of them only 5c a packet, in the Ferry display at the "store around the corner."*



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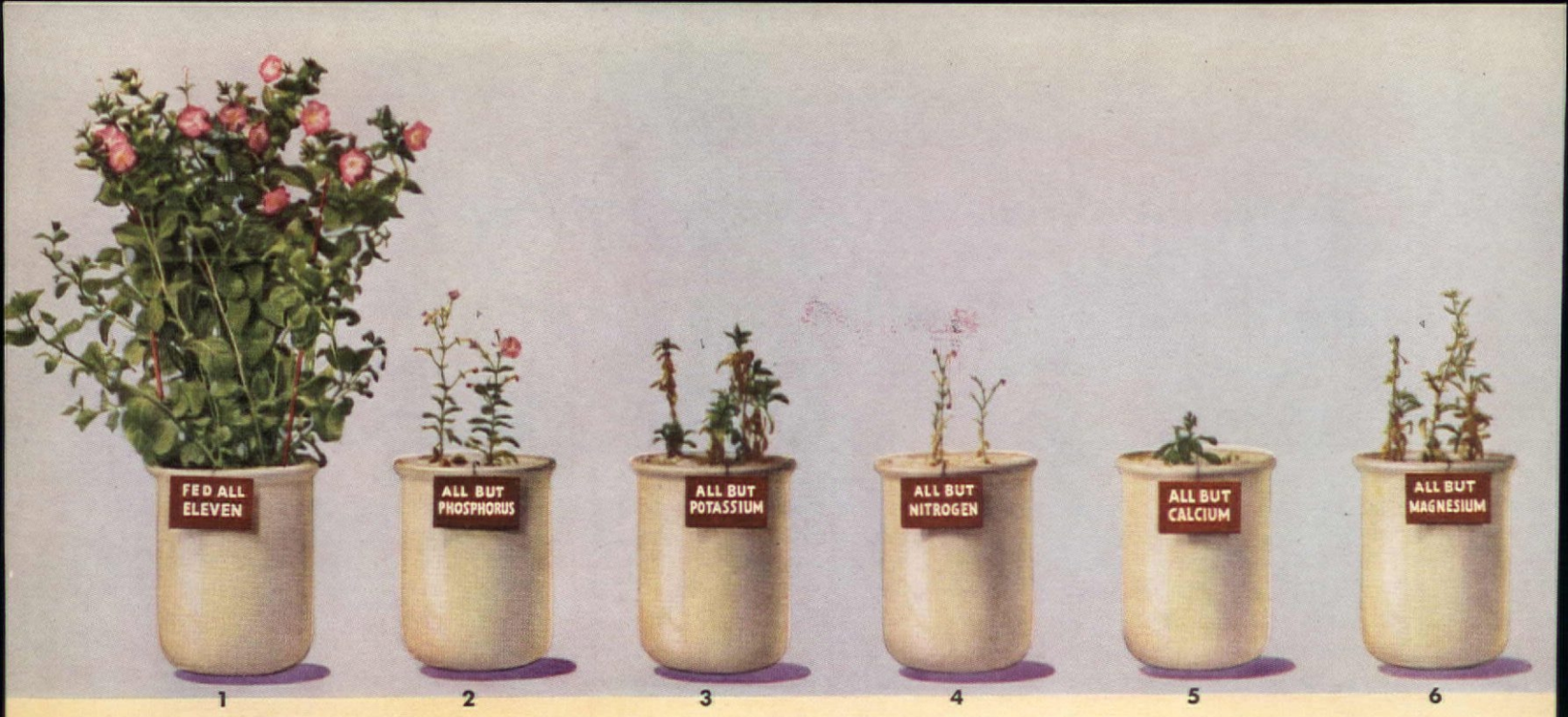

1. Full flowering, nicely developed . . . this first plant shows well what you can expect from *your* growing things, if they get *all eleven* of the food elements they need from the soil. **2.** The second plant had 10 food elements in abundance . . . but lack of the other needed element, *phosphorus,* stunted its growth, withered and discolored its leaves, made it almost a total failure. **3.** On a complete diet except for *potassium,* the third plant fought a losing battle. Leaves and new shoots grew only to dry up and die, although plenty of water was supplied. **4.** Fed 10 elements but lacking *nitrogen,* the fourth plant was a miserable specimen . . . no flowers, hard, shrunken stems, dry yellow leaves. **5.** Although *calcium* was the only element lacking in its diet, the fifth plant never grew, was nearly dead when this picture was taken. **6.** Few peo-

STRICTEST SCIENTIFIC CONTROLS were used in the greenhouses of the leading University where these amazing tests were performed. The plants were grown in washed sand devoid of food. All the water given them was distilled. The food solution for each plant was dripped into its pot from a great glass carboy above. Here you see some of the plants at an early stage.

HERE'S

FEED YOUR LAWN EARLY for best results! In the northern states apply Vigoro before your grass starts to grow (usually about mid-March). There is a tremendous advantage in early feeding. The Vigoro goes quickly to the grass roots; you don't have to soak it in. And early feeding gives the grass a quick, vigorous start so *weeds are choked out.* Perennial beds should also be fed Vigoro.

ple realize plants need *magnesium* . . . yet on a diet that supplied all necessary food elements except that, the sixth plant was faded yellow, with wilted, drying leaves and never a flower. **7.** Though tall, the seventh plant failed to bush out. Lack of *sulphur* weakened its stems, made its leaves faded. **8.** Lacking *iron,* the eighth plant had mottled, yellow leaves, sparse flowers. **9.** *Boron*—who ever thought of that as a plant food essential? Yet with a diet complete *except* for boron, the ninth plant evolved into a stunted, worthless failure. **10, 11, 12.** The last three plants, though fairly tall and bushy, showed their food deficiencies in their gnarled, deformed shapes, weak stems, mottled, yellowish leaves, and sparse, faded flowers. Small amounts of *copper, manganese* and *zinc* are valuable additions to the diet of your growing things.

DRAMATIC PROOF

. . . for you who want lovely lawns and flowers

The twelve petunia plants you see above started life *all even*. Grown in the Botany Greenhouses of a leading University, their soil, water, temperature, light and air conditions were exactly the same. Just one thing caused their tremendous variation in development—a difference in *diet*.

One plant—the splendidly healthy, full-flowering petunia at the extreme left—received Vigoro's 11-element "Square Meal".

Each of the others was fed a diet that lacked *only one* of the eleven food elements that growing things need from the soil. And every one of these plants failed, partially or completely.

Look at the photographs; read the captions. See why it will pay you this year to feed your garden with Vigoro, the complete plant food that supplies *all eleven* needed food elements in scientifically balanced proportions.

Vigoro is the world's largest-selling plant food. In the new granular form it will grow even more beautiful lawns and luxuriant flowers than ever; is easier, still safer to apply. Sanitary, absolutely odorless; free from bacteria and weed seeds. Most economical because results are *sure*.

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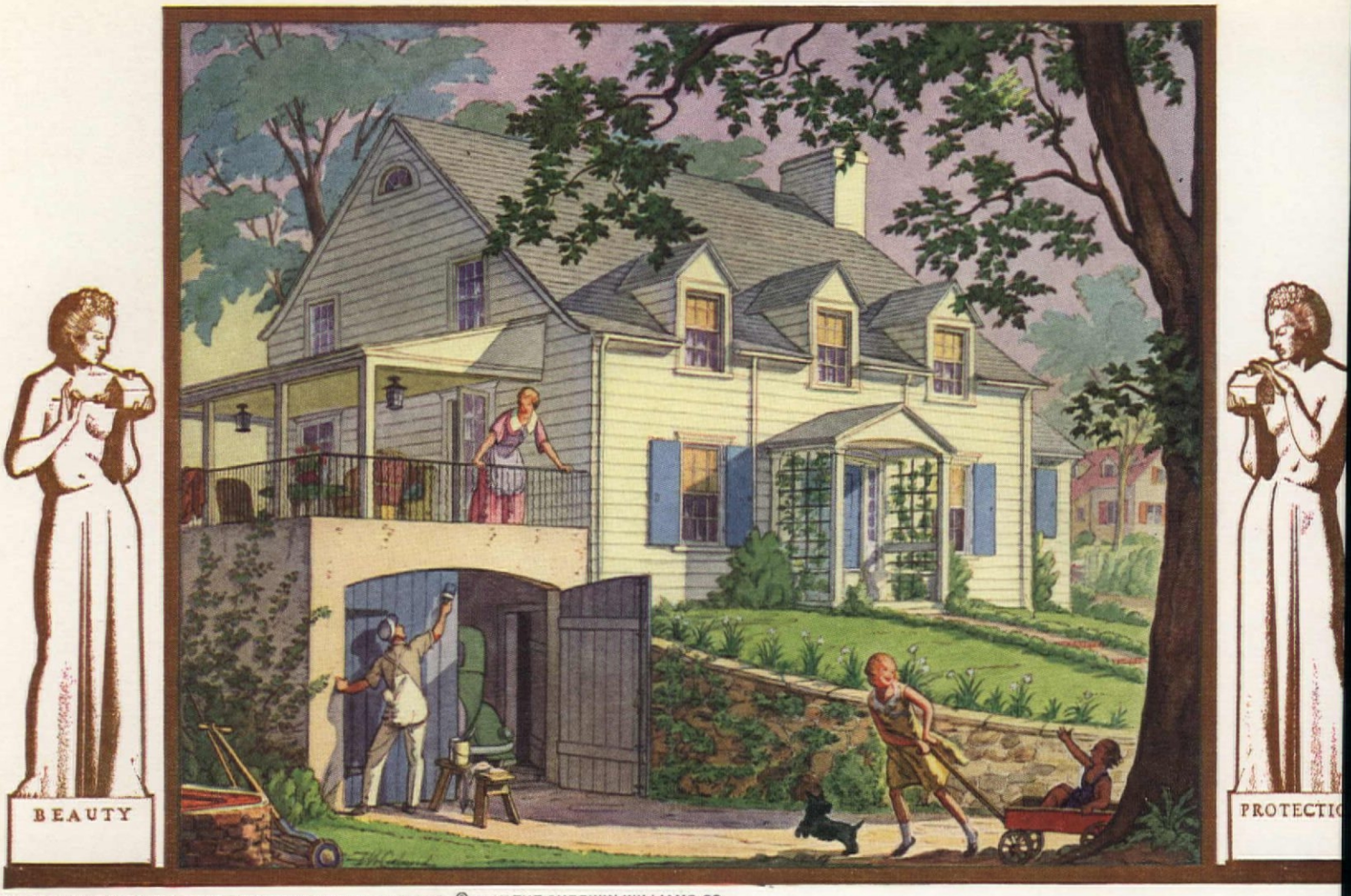
A SQUARE MEAL FOR EVERYTHING YOU GROW



FIGURES BY ROCKWELL KENT—PAINTING BY T. M. CLELAND © 1937 THE SHERWIN-WILLIAMS CO.

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A simple question. And just as simply answered. *SWP* gives every homeowner each and every thing he wants in a fine house paint!

Beauty . . . color . . . richness of finish . . . *SWP* has them plus. Its white is whiter . . . its colors brighter, more permanent. *Protection* . . . complete and lasting. *Economy* . . . *SWP* covers more surface per gallon; is quick and easy for the painter to apply; and finally, it's *washable*.

All these superiorities of *SWP* house paint do not just happen. They are the result of the research, ingenuity and resources of the world's largest makers of paint and varnish. They came from the ultra-fine grinding and scientific combination of many pigments . . . including "Ozlo," an exclusive Sherwin-Williams product; the careful selection and treatment of linseed oils; the creation and rigid control of colors. In short, nothing is overlooked to make *SWP* serve you better, longer, more economically than other paints.

Ask your neighborhood Sherwin-Williams dealer for "The Truth About House Paint" booklet for full details.

"All you need to know about pain Sherwin-Williams." And city, town hamlet, the famous Sherwin-Willi "Cover-the-Earth" symbol is "paint he quarters." There you will find a Sher Williams dealer eager to help and se you.

A new edition of the famous Home Decorator. Every page in color! Cover by the noted artist T. M. Cleland. Exteriors, room plans and color schemes of America's leading model homes. For your free copy see your neighborhood S-W dealer . . . or write The Sherwin-Williams Co., Dept. E-19, Cleveland, O.

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"ALL YOU NEED TO KNOW ABOUT PAINT"

COVER THE EARTH

laimed by the Mayor in the spapers, and through radio dcasts His Honor has opened Week with an appeal to the ens to clean up untidy prop- and plant shrubs, trees, gar-, etc. Churches have prepared al musical programs and the ons have often been about, or red by, gardens and flowers. l merchants have co-operated timely window displays ned to promote painting, re-ng and planting of homes to present all kinds of tools materials. The benefits, to the merchants and the gar-enthusiasts, have of course obvious.

ne year we offered a prize chool children for the best en Week poster, the entries arly fifty of them—being dis-ed in stores about the town later exhibited at one of our c lectures. Another contest l for sketches of actual back-s, as they were and as the ren would like them to be. interesting project called for sign for the planting of a nt lot adjoining our main ry building. Twenty-seven ls were submitted, one of n was ultimately followed the plot was actually plant-a junior garden club.

would be glad," adds Mrs. nas, "to see what the maga-can do to encourage the re-l general observance of this for when many people get nking about the same thing, hing is very likely to grow f it."

ly, who knows that better we of the gardening fra-y who have so often seen of interest in new plant ials sweep across the coun-So, if any of you want to be reminded of the nature and objectives and activities of National Garden Week, as it was originally developed, I will be glad to send you information and suggestions about it.

* * *

In some cases, special garden weeks have become important local events, as in Virginia, where, since 1929, it has been sponsored by the Garden Club as a tour of gardens and homes, the direct object being the creation of a fund to permit the restoration of important Colonial gardens in the state, including the establishment of the original plans and replanting with shrubs and evergreens known to have been used in those early days. This year, Virginia's Garden Week will be from April 26th to May 1st and headquarters have already been established in Room 1, Jefferson Hotel, Richmond, Virginia, with Mrs. William W. Hoxton as chairman of the Arrangements Committee.

April 30th to May 8th will bring the Pilgrimage of the Federated Garden Clubs of Maryland which will attract visitors to the historic country around Annapolis and along the Chesapeake Bay shores. The schedule and other information can be had from Miss Louisa M. Gary, Belvedere Hotel, Baltimore.

The Garden Club of Virginia also announces its sixth annual Narcissus and Flower Show to be held in the Armory at Alexandria, April 16th and 17th, with Mrs. Amos Chilcott of Fairfax Court House as chairman and Mrs. Louis Scott, Braddock Heights, Alexandria, as co-chairman. The exhibits will come not only from all sections of Virginia, but also from other parts of the country.

Stone in the garden lends charm and interest

Often better than either turf or gravel for walks, and especially for terraces, stone is more practical because it doesn't wear. Practically dry under foot, it never becomes soggy. It points out a way and often lights up a dark and narrow egress. In the gardens of J. A. Burden, Syosset, N.Y.; Colonel Franklin d'Olier, Wynnewood, Pa.; Mr. and Mrs. Thorgrimson, and Mrs. Krause, Seattle

M. E. Hewitt

Additional suggestions for the use of stone are shown on page 140

Anderson McCully

G. Healy

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BUTTERFLY BUSH FORTUNE
(Plant Patent 206)

Flowering Plants $1. each

This is a decidedly improved Buddleia. Better habit of growth. More compact. Does not try to run out its neighbors. Grows 4 feet high and 4 feet across. Fits admirably into the Hardy border. Magnificent for cutting. Furthermore, its blooms are not a washed out lavender, but a true lovely lilac. The flowers are round and full, and measure from 12 to 18 inches long. In bloom from base to tip all at the same time. Wayside wholeheartedly recommends this new Butterfly Bush to you.

New Catalog

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Without COMPETITION

"IRISH MELODY SNAPDRAGONS" . . . a bed of them in your garden is like a beautiful story full of song and poetry.

The two-tone coloring and fine lustre of these flowers from early summer to late fall gives an impression of a vision out of Fairyland.

We list, as the best of this group, Mother Machree, Mavourneen, Macushla, Blarney, Colleen and Killarney.

The Collection: Includes one pkt. each of all six (regularly 75 cts. a pkt.) and Max Schling's "Book for Garden Lovers," in which you will find the most complete description of the finest new Introductions for 1937.

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Two horticultural helps

Judging by the interest shown in the article on pools in the February issue, a warm welcome awaits a novel garden accessory that goes by the name of the Andrews Geyser and that turns an ordinary supply of water into an effective and extraordinarily inexpensive fountain. Screwed to an upright pipe (or even to a hose connection if the pool is not piped) just at the water level, this specially devised brass nozzle acts somewhat on the principle of some of the hose garden sprayers; that is, the pressure of the normal flow, reduced to a minute stream by passing through a pinhole opening, "pulls" the surrounding water from the pool itself up through several openings and propels it into the air as either a steady or intermittent jet or a spreading or fan-shaped spray, depending upon which type nozzle tip is used. Thus the pool water is used over and over and the only actual operating expense is the infinitesimal amount of water required to keep the fountain in operation.

At the very end of a helpful pamphlet on "Pruning and Care of Ornamental Trees and Shrubs" (Extension Bulletin 172 of the Michigan State College at East Lansing) occurs this sentence: "If trees are to be transplanted, it would be desirable to purchase a roll of specially prepared paper for wrapping purposes. This prevents the entrance of borers." The cover of the bulletin carries a picture of Professor O. I. Gregg, its author, applying such a wrapper. This is a type of protection that has been given considerable attention by fruit growers, not only because of the possibility of borer injury, but also because of the prevalence in many places of winter damage by rabbits and mice that gnaw the bark of newly planted trees. Home gardeners can well take a page from the orchardist's book because many a valuable deciduous shade tree also suffers such injury and also—in the case of fall planted nursery grown specimens—serious sun scald damage during the first winter or two.

To make this sort of protection simple and lasting, there is now available a tough paper made waterproof by the insertion of a layer of asphaltum between two sheets of wood pulp kraft stock, and elastic by a special crinkling process. Offered in rolls ranging from two to nine inches in width, this paper is applied spiral-puttee fashion to the tree trunk—from the top where the limbs begin, downward, and fastened at the bottom with soft cord or, better, a strip of elastic material such as a narrow strip cut from an old inner tube. Besides affording ac-

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A few more books for gardeners

THE AMERICAN HOME pins a feather in its cap at being able to present Dr. Cynthia Westcott's article "One Hour a Week Enough" in this issue—almost simultaneously with the appearance of her book, "The Plant Doctor" (Frederick A. Stokes Company, $2.00). I confidently expect that her necessarily brief but helpful and timely suggestions in these pages will lead many gardeners to seek the amplified information that she presents, with numerous halftone and drawn illustrations, in the 200 odd pages of her decidedly original volume. And I believe, furthermore, that to the extent that gardeners become familiar with the basic principles she so clearly explains and follow her common sense directions, Dr. Westcott will be responsible for a marked upward trend in the quality and condition and beauty of American gardens.

Although thoroughly scientific in its background and accuracy, this book is anything but technical in treatment and tone. It deals with the average eastern garden—and its owner—as the practicing plant doctor meets them and solves their problems, or gives instructions for protective treatment. Carrying right through the season, it describes the various troubles, first as symptoms—as the gardener sees them on the plants—then as insects or diseases as the case may be; then it suggests the remedies. This is such a logical and satisfactory method of approach that it is a wonder it has not been employed before. Finally, to supplement the index in making it possible immediately to check up on specific details, the final third of the book consists of an Alphabetical Miscellany, or brief

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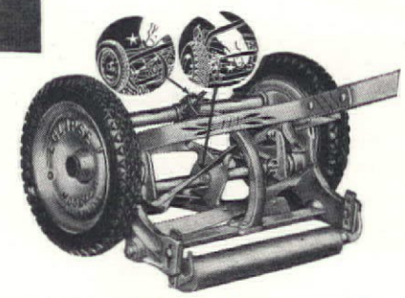

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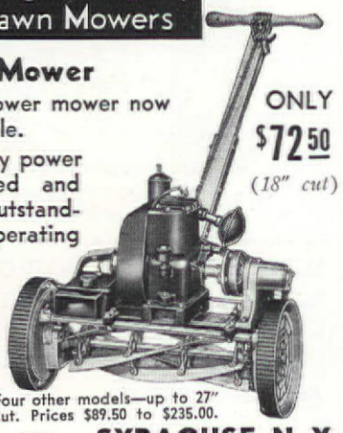

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cyclopedic discussion of all sorts of things—host plants, their enemies, the different kinds of insecticides and fungicides, implements and accessories, control programs, etc. If for nothing else than the appearance of this book, the 1937 gardening season is going to be notable.

The current contribution in the Dollar Garden Book Series (Doubleday, Doran and Company), is "Vines for Every Garden" by Dorothy H. Jenkins. Here of course, the subject is not new, nor can anything unique in approach be anticipated, but the treatment is intelligent and sympathetic of the various ways in which vines can be used. The chapters take up the several types —annual and perennial vines and climbing roses; their methods of climbing and the supports they need; problems of feeding, mulching, pruning and pest control, and, in brief summarizing form, the characteristics of some three score useful subjects. The illustrations include a handsome halftone frontispiece of the not sufficiently appreciated Chinese fleece-vine, and sketches by Natalie Harlan Davis whose plant portraits appeal to me much more than her garden views.

As is the case with vines, there is no question whatever about the importance of shrubs, so the third (revised and enlarged) edition of Alfred C. Hottes' "The Book of Shrubs" (De La Mare, $3) will be generally welcomed. Whether as part of the background or as foundation material to "tie the house to the ground;" whether for the beauty of their form, foliage, flowers, fruit, or all four; whether for summer or winter effects, and whether few or many, shrubs are as essential to a home setting as any one element can be. And with various additions and modernizations, including a number of interesting black and white illustrations by a new artist and collaborator, Vincent Field, Mr. Hottes gives us a mass of information that will enable gardeners to use shrubs more intelligently and effectively and come to know them better and more satisfyingly. Of the 438 pages, slightly more than a quarter contain general facts about design, propagation, culture and soils, and lists of shrubs for special purposes; the balance takes up alphabetically the "important shrubs" in the characteristic systematic Hottes manner.

To many garden lovers the season from frost to frost is all too brief. Allen H. Woods Jr., has written "Grow Them Indoors" (Hale, Cushman and Flint, $1.75) so such persons can continue their enjoyable activities the year around and others can learn new ways to keep the interior of their homes more attractive. This

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means not merely the keeping of pot plants permanently in various parts of the house, but also the raising of other subjects from seeds or cuttings in flats, conservatories or greenhouse benches; the forcing of bulbs; the sheltering of tender garden subjects indoors over winter, and the use of living plant materials as part of the interior decoration scheme. All these phases are dealt with, and many of them illustrated with drawings or halftones. Cultural methods are summarized in certain chapters and elsewhere plant groups, such as bulbs, cactus and succulents, vines and so on, are taken up alphabetically with brief tabulated directions followed by more detailed explanations and the exceptions that make plant growing so typically a versatile art rather than an exact science.

With Shakespeare receiving more than average attention in the theatre this year, it seems fitting to have offered us "Shakespeare Gardens" by Annie Burnham Carter (Dorrance and Company, $1.25) even though we are inclined to question her introductory statement that the Bard of Avon "was the first writer to bring gardens into drama, making flowery meads and windy heaths part of his dramatic setting." The author's idea of a Shakespeare garden seems to be simply a reconstruction, in plan and plant material, of the formal, intricately bedded type favored in Elizabethan times; its primary interest is historical and sentimental. However, she gives no particular directions as to how to make such a garden, but restricts herself chiefly to descriptions of the plants of that day, reinforcing them with bits of folklore and brief quotations from plays in which they were mentioned. Unfortunately, there is a surprising frequency of errors in the spelling of plant names and a confusing inconsistency or lack of system in the use and capitalization of both common and botanical names, so that to a reader unfamiliar with them, the references can hardly be helpful.

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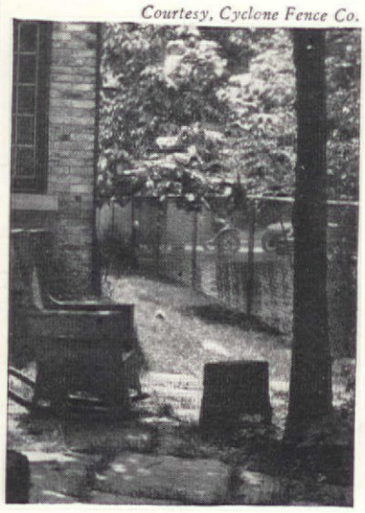

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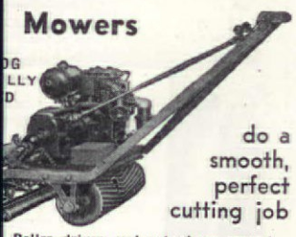

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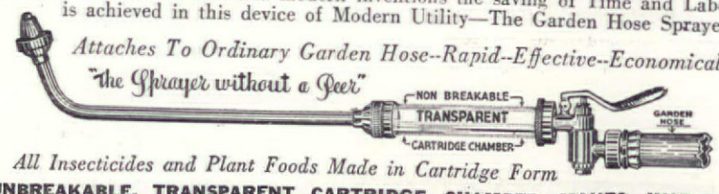

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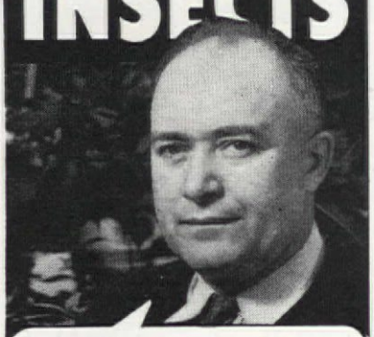

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[*Continued from page 17*]

hay or straw or broken sods in the bottom of the hole, throw in on top a few shovels of earth, and tread this down firmly. Add about two inches of well-rotted manure, then another layer of the leaves or other humus and cover it with the top soil to a depth of not less than two or three inches.

A young fruit tree, when finally planted should stand about an inch deeper in the ground than it was before it was dug at the nurseryman's. By placing a straight stick or board across the hole while holding the tree in place, you can tell how much the hole should be filled in (as above directed) before the tree is set and the soil firmed about the roots.

Before permanently placing the tree in the hole, carefully examine its roots. If any have been bruised or broken, cut them off with a sharp knife or shears in order to stimulate the growth of new, vigorous feeding roots and avoid the danger of decay and disease infection of the injured ones.

Another warning

Never allow manure or other fertilizer to come in contact with the tree roots; always be sure to provide several inches of good clean soil between.

Place the tree in the hole, letting it rest on the good soil which has been brought up to the proper level, and begin to fill around the roots with the top soil which was set aside when the hole was dug. If there is not enough of this, any good garden soil may be used, provided it is friable enough to work down among the roots. Shaking or swaying the tree slightly will help settle this fine earth down firmly. When half the roots have been covered and the soil has been carefully trodden down, pour on two or three pails of water, further to wash the earth down between the fine roots which need contact with both earth and moisture.

Now fill the hole until all the roots are covered, pour on several more pails of water, then finish filling the hole with loose earth. This may be two or three inches higher than the general ground level as it will settle later on. Do not pour water over this soft, loose earth, since its purpose is to act as a mulch and prevent the moist soil beneath from drying out and becoming hard.

After it has been planted the tree should be pruned, about a third of the growth being removed from a two-year-old specimen. Pruning should always be done with the future in mind and

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the branches cut back with relation to the location of the buds so that the new growth, that starts below the cut, will be in the desired direction.

The planting should be done early in the spring or late in the fall, after the leaves have fallen and the sap has ceased to flow. In our soft Maryland climate I prefer fall planting—about Thanksgiving time. Young fruit trees, properly planted at that time invariably show an excellent growth by the first of the year.

I have mentioned the fruit trees I happen to have in my own garden but there are many other luscious varieties that the amateur orchardist may prefer, such as the Yellow Gage plum, the York State prune, the Iron Mountain peach, the Tartarian cherry, the Morello cherry and the Grimes Golden, Stayman Winesap and Greening apples.

Plum trees exhibit the advantage of growing in almost any kind of soil. Cherries, with their fine shapes, rounded heads and beautiful blossoms, make an excellent appearance on the lawn. Pears are easy to grow and after four years or thereabouts produce big crops regularly. Most peaches do the same.

Only the apples are somewhat unsatisfactory from the point of view of the novice as they do not bear for from eight to ten years [if of the standard type—dwarfs and trained trees bear at an earlier age.—Ed.] and the young trees are more subject to attack by insects and disease than any other fruit trees. Once the apple reaches the bearing stage, however, it is much more free from such attacks and goes on bearing until it reaches a great age. In this state there are a few instances of cropbearing apple trees with a recorded age of over 100 years.

In purchasing trees for your garden make a selection of varieties that will supply you with fruit over a long period—the whole year around is not impossible. Such a selection could include an early Champion peach and a late Heath cling; a June ripening Black Tartarian cherry and a July Morello; an early Bartlett pear and a November Howell, etc. For winter consumption, store the late apples and pears in a cool dry place and inspect them frequently; often they will last over until the next spring crop of fruit is ready—that is, if there are enough to start with.

But after all, the fruit itself is not the only valuable product of a garden planted with fruit trees. For the garden orchardist there is also the enjoyment he is certain to derive from this fascinating hobby. As he acquires a knowledge of the different fruit trees he, naturally becomes more deeply interested in them.

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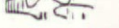

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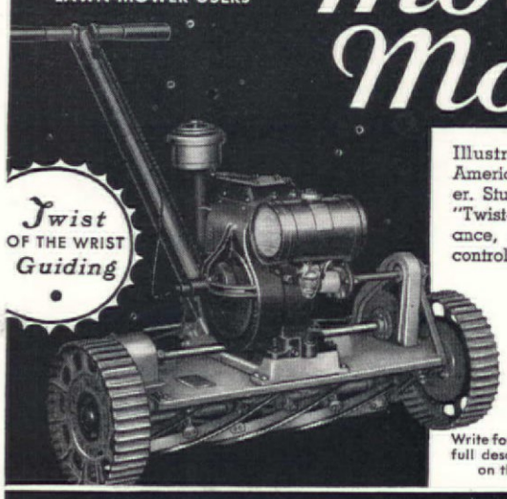

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Art Print Service.....
Barre Granite Association .....
Wm. Cooper & Nephews, Inc.....
Joseph H. Dodson Co.....
Eastman Kodak Company.....
H. Clay Glover Company.....
W. W. Kimball Co.....
G. & C. Merriam Company.....
New Jersey Fence Company.....
N. Y. School of Int. Decoration.....
Northern Pacific Railway.....
Oregon State Highway Commission....
Pierpont Products Company.....
Polk Miller Products Corporation....
L. C. Smith & Corona Typewriter Co.

Smoking Materials
Marlboro Cigarettes .....
R. J. Reynolds Tobacco Co.....41

Soaps and Cleansers
Fels & Co.....
Hygienic Products Company.....
The S. O. S. Company.....

Toilet Goods
Bell & Co.....
Freezone .....
Johnson & Johnson.....
Kleenex .....
Lambert Pharmacal Company.....
A. H. Lewis Company.....
The Norwich Pharmacal Company....
The Pepsodent Company.....
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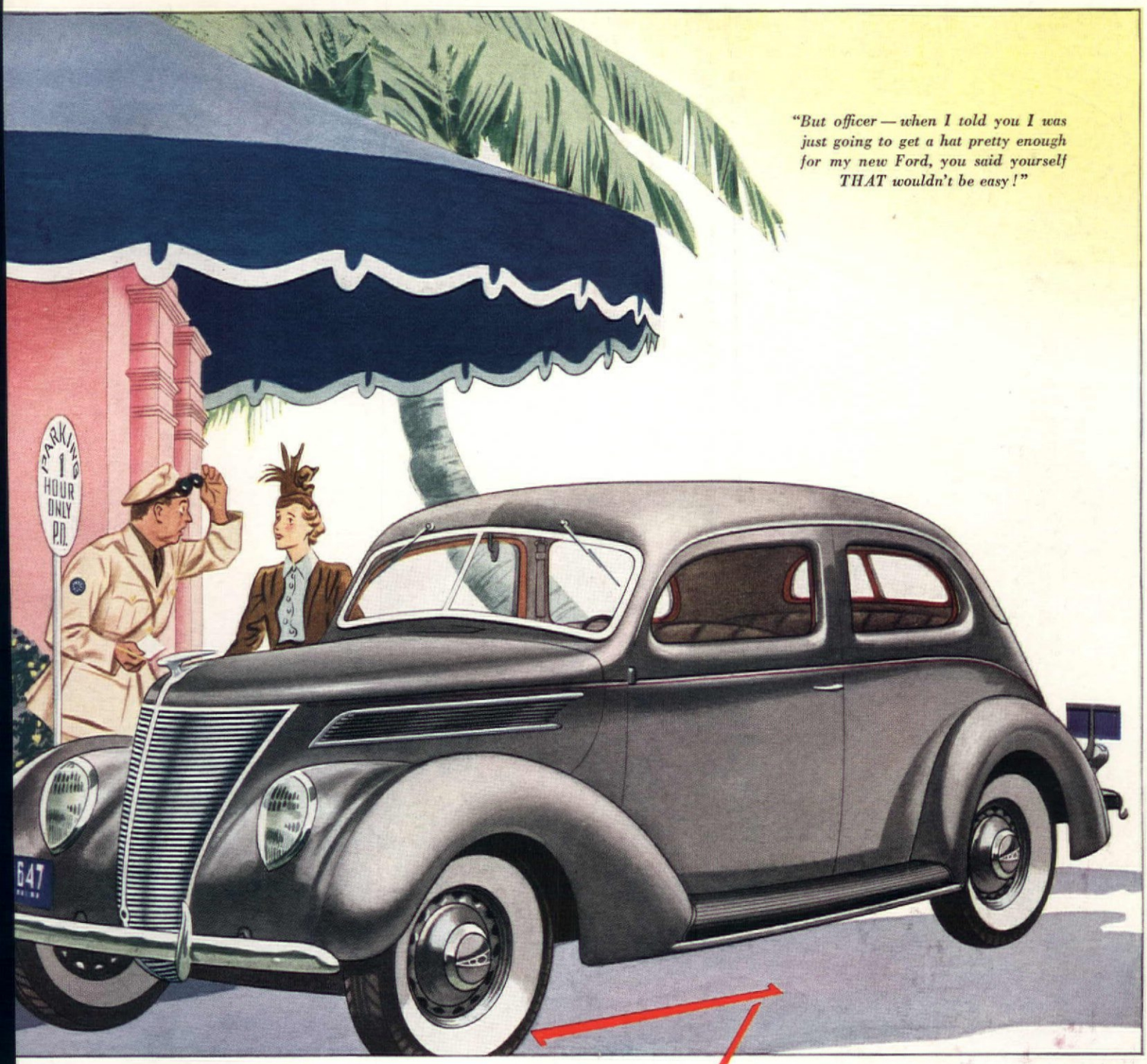
While every precaution is taken to insure accuracy, we cannot guarantee against the p of an occasional change or omission in the preparation of this index.

THE CUNEO PRESS, INC.



"But officer — when I told you I was just going to get a hat pretty enough for my new Ford, you said yourself THAT wouldn't be easy!"

ISTINCTIVE BEAUTY
ORN OF USEFULNESS

Ford V-8
FOR 1937

DAY'S world wants beauty born of usefulness . . . m that follows function . . . lines that are pleasing d practical.

By such modern standards, the Ford V-8 for 1937 unmistakably beautiful. It's wide, low and roomy. No rns, headlamps or spare tires break its smooth, clean rves. Every detail, every appointment, inside and t, contributes to its simple, distinguished design.

There's beauty of another kind in its fine materials, precision workmanship, faithful service. And there's beauty in its budget figures too!

Both the improved 85-horsepower V-8 engine and the new 60-horsepower V-8 engine provide smooth performance with economy. In fact, the "60" engine, in five body types, makes possible the lowest Ford price in years and the greatest gas mileage ever built into a Ford car.

Ford

'ROUND-THE-WORLD CALENDAR
OF A CALIFORNIA LADY

Mrs. Rufus Paine Spalding II

Dinner parties in the Pasadena house
Midnight snacks at Hollywood's "Troc"
Bridge and Polo at Midwick
Sailing and aquaplaning at Montecito
Santa Barbara for tennis and horseback
New York for important "opening nights"
Winter jaunts to Mexico, the West Indies, or Europ
Annual visits to her husband's estate in Kauai, Hawai

THE beautiful Mrs. Spalding, shown on her husband's sloop "Hurulu," is a skilled yachtswoman. Her enjoyment of the sea illustrates her charming zest for life. She travels, she entertains, and smokes Camels—as many as she pleases. "Camels are so mild," she says, "they never get on my nerves. And everybody knows how they help digestion!" Smoking Camels sets up a natural flow of digestive fluids—*alkaline* digestive fluids—and thus encourages good digestion. At the right, Mrs. Spalding enjoys a late supper in Hollywood's Trocadero, whose host, Billy Wilkerson, says: "Camels are certainly the popular cigarette here at the 'Troc.'"

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Costlier Tobaccos!

CAMELS ARE MADE FROM FINER, MORE EXPENSIVE TOBACCOS—TURKISH AND DOMESTIC—THAN ANY OTHER POPULAR BRAND

A few of the distinguished women who prefer Camel's costlier tobaccos:

Mrs. Nicholas Biddle, *Philadelphia*
Mrs. Alexander Black, *Los Angeles*
Mrs. Powell Cabot, *Boston*
Mrs. Thomas M. Carnegie, Jr., *New York*
Mrs. J. Gardner Coolidge 2nd, *Boston*
Mrs. Anthony J. Drexel 3rd, *Philadelphia*
Mrs. Chiswell Dabney Langhorne, *Vi*
Mrs. Jasper Morgan, *New York*
Mrs. Nicholas G. Penniman III, *Balti*
Miss Anne C. Rockefeller, *New York*
Mrs. Louis Swift, Jr., *Chicago*
Mrs. Brookfield Van Rensselaer, *Ne*

FOR DIGESTION'S SAKE—SMOKE CAME