

TEN CENTS

OCTOBER 1930

The American Home



10¢

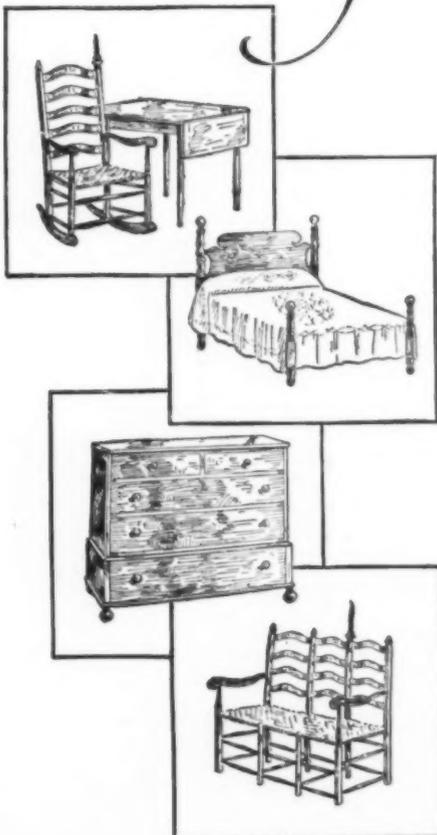
An American Home costing less than \$17,500 to build

From the office of John Russell Pope, architect. See page 26

Doubleday Doran & Company Inc



To be treasured/
among their choicest possessions.



There is no prouder gift for a distinctive home than New England's celebrated colonial furniture. Simple and historic in design, it is a mark of good taste which will endure for generations to come.

And here, in the heart of old New England, descendants of the early craftsmen are still cutting the same hardwoods from the same hillsides, and fashioning them into authentic reproductions of the now priceless originals.

Here is the gift which is always acceptable — a constant reminder of your thoughtfulness for the years to come.

Of course you will want the booklet "The Beauty Secret of a Colonial Home" published through the courtesy of two of New England's oldest furniture makers. It gives helpful decorating ideas and completely describes these beautiful New England pieces; so distinctly colonial, yet so reasonable in price. It can be obtained, without cost, by mailing the coupon below.

These "Candleback" chairs with quaint candlestick and pretty red candle perched on the chair back are completely described in this booklet. Their lightness and grace makes them especially suited for bridge and other impromptu affairs.

Sprague & Carleton
Incorporated
"CANDLEBACK" CHAIRS
KEENE, N. H.

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Brothers' Furniture Company
EARLY AMERICAN FURNITURE
RANDOLPH, VT.



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Please send free Booklet "The Beauty Secret of a Colonial Home" Please advise where I can purchase.

Name _____ Address _____

A MESSAGE TO HOME OWNERS FROM
THE UNITED STATES GYPSUM COMPANY



How Sheetrock can help you have more closets or a new bathroom

THERE never was a better time to make those long-needed additions or alterations to your home. With new construction work less in volume, carpenters and contractors now have ample time for remodeling work. The price of labor and materials is low right now.

If you have wanted another bathroom, or more closets, now is the time to have them. Now also is the time to have a sleeping porch, fruit cellar and others of the many items of convenience and comfort you have needed.

For all these and many more remodeling uses,

Sheetrock, the fireproof wall-board, is the ideal material to use. Sheetrock is fireproof. It is quickly and easily nailed into place without muss or litter. It brings you solidity, durability, comfort, beauty—and economy.

Sheetrock may be decorated in any way you desire. Paint, paper or calcimine may be applied over it. It is economical in the use of paint. Better still, you may have any of the many beautiful textured decorations that are now so popular by applying Textone, the plastic paint, over Sheetrock.



For bathroom and kitchen use Sheetrock Tile Board. Beautiful, washable, sanitary decorations may be easily applied over it.

Ask your carpenter, contractor or any lumber or building material dealer about Sheetrock and the many ways in which it can serve you. See what a convenient material it is for anyone who wants to remodel or modernize a home. Learn how little it will cost you to add new

comforts to your home or to change the arrangements of its rooms. Samples of Sheetrock and descriptive literature will be gladly sent to you on request. Address the United States Gypsum Company, Dept. 96A, 300 W. Adams St., Chicago.

S H E E T R O C K

The FIREPROOF WALLBOARD



This Note of quiet Ease in Smoothly managed Homes

Quite often it is the result of telephones . . . conveniently placed to save steps and time, and to expedite household routine

1 1 1

PEOPLE who lead the most interesting and active lives also live most graciously and comfortably. They are always fresh, always zestfully ready for the duties and pleasures that each day holds. Their homes are models of subtle management. In them there is no bustling confusion, no shouting from room to room, no scurrying to and fro. Instead, you will find *telephones*, conveniently located throughout the house, so that one is always near.

Enough telephones are an essential of the well-ordered home. They save many steps and much time. They prevent the little annoyances that destroy pleasant moods. And they get things done on schedule, or as you think of them . . . instructions to the servants . . . an order to a downtown shop . . . a call to a friend in another city.

In many modern homes, intercommunication is an attractive feature. Bell telephone intercommunicating systems let you talk from room to room *within the home* over the same telephones you use for outside calls. No special operator is needed.

Your local Bell Company will gladly help you plan the telephone arrangements for your home. Just call the Business Office.



Much of the charm of a home depends upon the ease with which its members carry on their varied rounds of pleasure and duties. And telephones . . . located at convenient points throughout the house . . . contribute in large measure to this ease and comfort. In the boudoir, the library, the sun parlor . . . wherever people spend much time . . . they form an almost indispensable aid to gracious living.



Many residences have an additional central-office telephone line for servants' use. This facilitates household business, and leaves one line always free for the family.



And don't neglect the basement. Telephones in the laundry, game room, tool room or den will add tremendously to the comfort of these parts of the house.



A welcoming entrance corner in the residence of Mr. M. E. Hatfield at Montclair, N. J. Frank J. Forster, architect

Costain

The American Home

OCTOBER 1930

VOLUME V

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From Nebuchadnezzar's tiles to those by Pardee

Nebuchadnezzar roared to his chariot driver to stop. As the dust settled in the Sacred Street of Marduk he began to inspect the tile work of the Chaldeans . . . blue and green symbolic monsters—lions, bulls, unicorns.

Three thousand years have passed, and yet this ancient tile work of Babylon is unearthed today

with its beauty undimmed by the centuries. The fine clay deposited by the Euphrates and Tigris Rivers offered an even better tile material than the Nile. Yet Pardee tiles today rely not on any one source but have the finest clays from all over the world, plus the Pardee exclusive screening and high firing process.

In Pardee tiles you have even greater beauty than in Nebuchadnezzar's time . . . ancient and modern designs . . . the colors of garden flowers . . . exquisite textures . . . economical installations for every budget.

Pardee tiles deserve a BONDED installation which is guaranteed by a large indemnity company. Architects consider this a remarkable tribute to Pardee tiles and their tile contractors.

PARDEE SUPPLIES WHATEVER YOU NEED IN TILES

Pardee Tiles and Matawan Ceramics, both famous for their quality, are now sold by the Pardee-Matawan Tile Co.



MATAWAN



CERAMICS

PARDEE-MATAWAN TILE CO.
101 Park Avenue, New York City

Kindly send me without cost or obligation:

Folder in color.
 Name of tile contractor for a BONDED installation.

Color sketch of enclosed area showing how it will look if tiled in Pardee.*

*I enclose Sketch of tile area (with dimensions)
 Blueprint with area indicated.

Color scheme is

Name

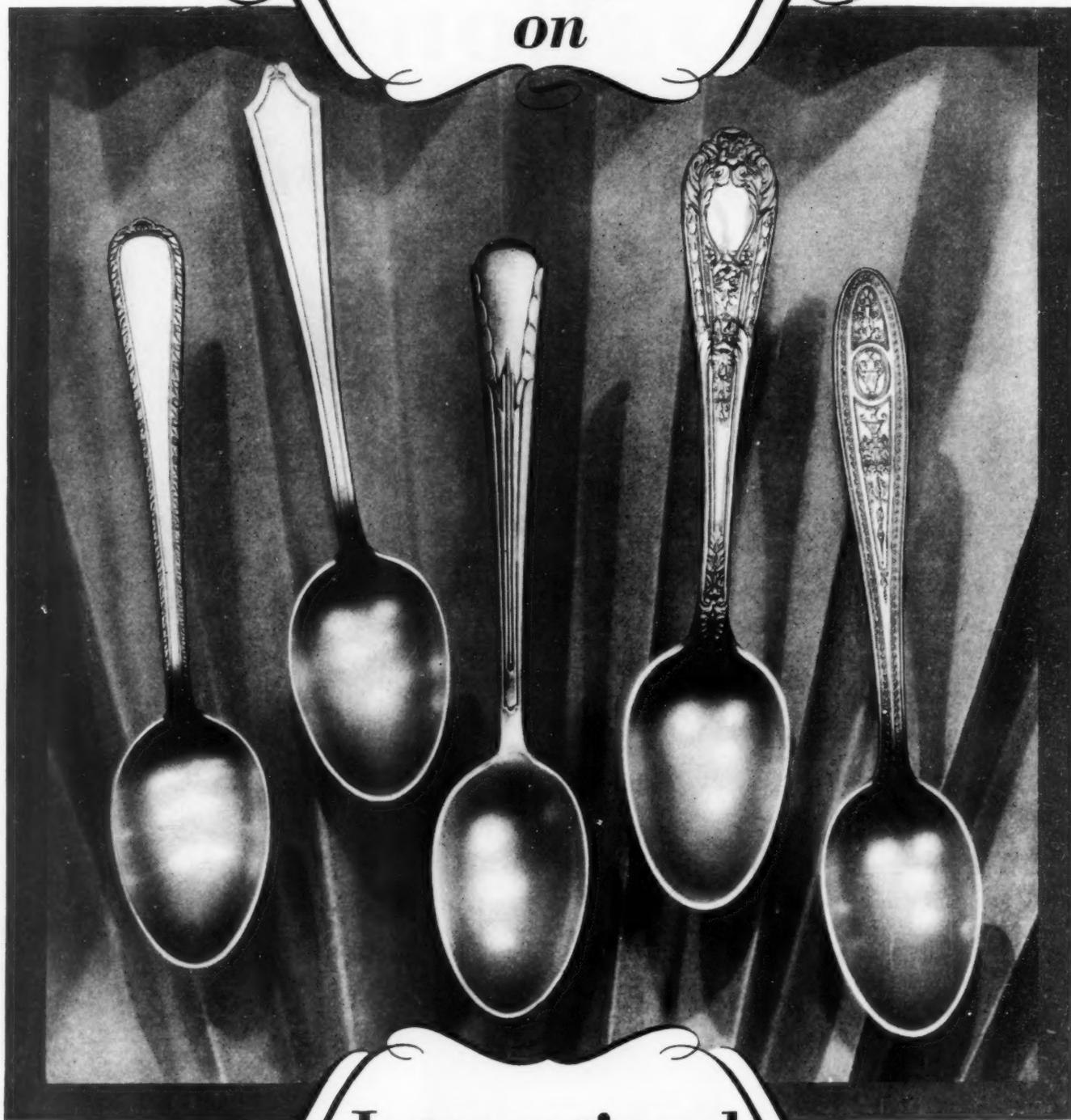
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Announcing
new low prices
on



International
Sterling

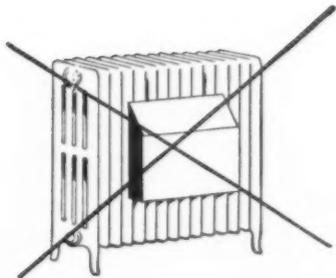
HERE are five of the loveliest silver patterns ever designed—Pine Tree—Minuet—Orchid—Fontaine—Wedgwood. Imagine your table set with any one of these patterns—then consider this good news! *The prices of flatware in these five patterns have been substantially reduced.* For instance, here are some of the new low prices on Minuet . . . A 26-piece service—enough silver to serve four courses to four people—may be purchased for as little as \$68.90! A correct, formal service for eight people—89 pieces—costs only \$230! 6 teaspoons cost only \$9—6 salad forks, only

\$16—6 dessert forks, \$20—6 dessert knives, \$21.50—6 Viande knives, \$24—6 Viande forks, \$24—6 butter spreaders, \$13.50—6 bouillon spoons, \$11—6 oyster forks, \$9—tablespoons (each) \$4.25.

Equally interesting reductions have been made on the other International Sterling patterns shown here. Consult your jeweler—or send for Elsie de Wolfe's helpful book, "Correct Table Silver—Its Choice and Use", which contains photographs of all patterns, with prices. Send 25 cents to the Fine Arts Division, Dept. A.H.10-30, International Silver Company, Wallingford, Conn.

24 Gallons

... a days drink for *Thirsty Air*



NEW Humidifier shows folly of radiator pans

COLD WINTER DAYS! Dry, thirsty Air! Colds, chapped skin, ruined furniture—the natural result. Moisture is needed. Gallons, not pints, of water must be added to the air to make it comfortable and healthful. Authorities tell us that 24 gallons of water a day—four quarts an hour—should be evaporated in the average home. In large homes as much as 100 gallons. But how?

Radiator pans are woefully inadequate. Absorbent wicks are untidy. There is but one efficient, successful way. The Doherty-Brehm Humidifier! Twenty-four gallons or thrice that many are easily, economically, and silently evaporated by it. You don't have to worry about the right amount for health and comfort. It is entirely automatic. The colder the weather, the drier the air, and the more moisture that is needed. Correspondingly, the colder the weather, the hotter the humidifying-radiator is maintained and the more water it evaporates. Nothing to regulate or get out of repair; nothing to wear out; nothing to fill. No belts, fans, or motors; no noise, steam, or odor.

Leading heating engineers have tested it for you. Hundreds of fine-home owners throughout America have proved its efficiency. Now you, too, can enjoy its benefits. Just replace one radiator with it. Or add it to your hot water, steam, or vapor heating system as an additional heating and humidifying unit. One centrally located in a home will fill every room with the soft, warm, comfortable atmosphere of a spring morning.



Sold on the CRANE Budget Plan

The Doherty-Brehm Humidifier is sold by Crane Co. through dependable heating and plumbing contractors. You can buy it under the Crane Budget Plan and pay only 10% down, the rest in small monthly payments. Call in the nearby contractor and tell him to equip your home now. Mail the coupon.

\$150 to \$225 f. o. b. factory, installation extra, in beautiful metal cabinet. Other models in period wood cabinets, matching finest furnishings. Supplied also for recessing in wall.

DOHERTY-BREHM CO., 333 North Michigan Ave., Chicago, Ill.

Please send your instructive booklet about humidity and the Doherty-Brehm Humidifier.

I have . . . rooms in my house. I have hot water . . . steam . . . vapor . . . heat.

Name Address

DOHERTY - BREHM
HUMIDIFIER

To Be Correct

At Least One Room Should be in Early American Style



Why not a restful room like this, furnished with lovely

COLONIAL craftsmen score again. American women have found a new appreciation for their skill. Homes are now being furnished throughout in true Colonial style. And with what results? New beauty, color, comfort and conveniences appear. Rooms have become more inviting, cheery and gay. The entire perspective of the modern housewife has changed; the day of massive furniture is gone. For bedrooms, the "Betsy Ross" group of Whitney Reprodu-

tions, shown above, has won the heart of every woman who has seen it, because each piece reflects so truthfully the spirit of Colonial days.

Genuine Whitney Reproductions are made also for the living room and dining room. They differ from the originals only in price. Every piece is guaranteed. The finishes are durable, so easy to keep spick and span. Ask your dealer to show them to you today or just write to us for details.

Genuine
Whitney
Reproductions

W. F. Whitney Co., Inc.
SOUTH ASHBURNHAM + MASSACHUSETTS

FOR SMART INTERIORS

Harry Sternfeld *favors* the wood whose charm is ageless

TIDEWATER RED CYPRESS (Coast Type) yields a glowing beauty which seems only to mellow with age. Fashionable today, an interior of this Wood Eternal will not have lost its lovely distinction ten . . . twenty . . . even a hundred years from now.

That is one important reason why Mr. Harry Sternfeld, of Philadelphia, Pa.—why hundreds of other prominent architects throughout America are using Tidewater Red Cypress in an ever-increasing number of new homes.

They recommend its use for panels, doors, beams, trim and wherever else the enduring beauty of its exquisite grain might enhance the attractiveness of a room.

So if you want to give your home the quality that makes living a real enjoyment, follow the profession's advice and specify the "sap grade" Tidewater Red Cypress for interiors.

You will find that whether it is stained or varnished, painted or charred, sand-etched or left in its natural state . . . Tidewater Red Cypress is always richly-warm.

You will also find that with all its superb grain and luxurious appearance—Tidewater Red Cypress is amazingly inexpensive.

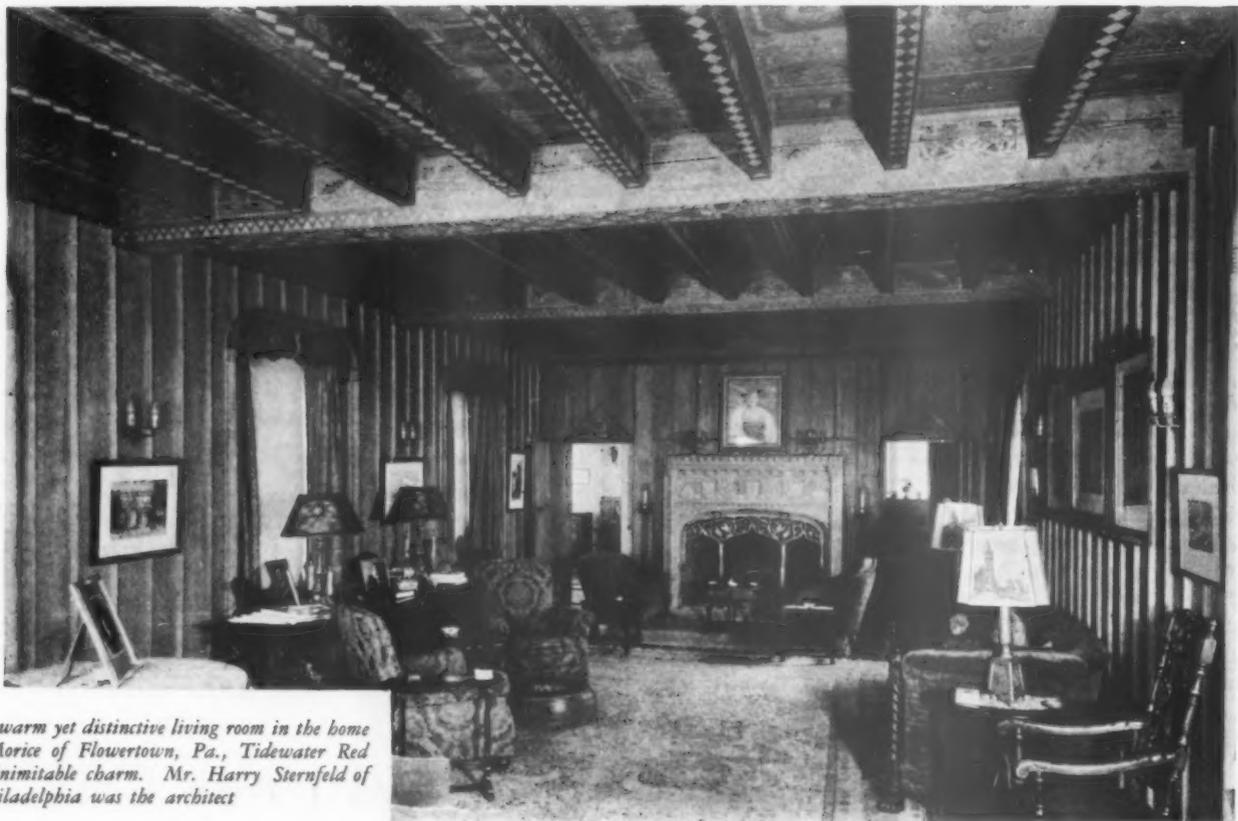
Ideas for interiors—free

Actual photographs of modern interiors by famous architects have been gathered in a booklet, which we will gladly send you free of charge. Address the Southern Cypress Manufacturers' Association, Jacksonville, Florida.

If your dealer is not stocked with Tidewater Red Cypress, he can get it for you quickly—or you can write direct to any of the Association Mills listed below.

TIDEWATER RED CYPRESS

(COAST TYPE)
THE WOOD ETERNAL



To this intimately warm yet distinctive living room in the home of Mr. W. N. Morice of Flowertown, Pa., Tidewater Red Cypress lends its inimitable charm. Mr. Harry Sternfeld of Philadelphia was the architect

Quaker Photo Service

This advertisement is published by the following members of the Southern Cypress Manufacturers' Association, Jacksonville, Fla.:

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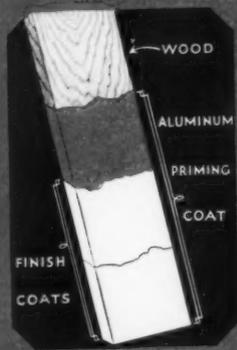
THE COAT OF METAL PROTECTION



The Conn. Properties, Inc., Const.

W. Hurrie Mac Collin & Edmond M. Mac Collin, Arch.

Ask Your Painting Contractor



“What's the Advantage of Priming and 'Back-Priming' with Aluminum Paint”?

The purpose of all paint priming is to prevent change of moisture content in wood. Change of moisture content causes wood

to warp, with consequent checking and peeling of paint. The old practice was to prime the weather exposed surface of the lumber only. But moisture can enter the wood from the interior (or semi-protected side). This side needs protection, too.

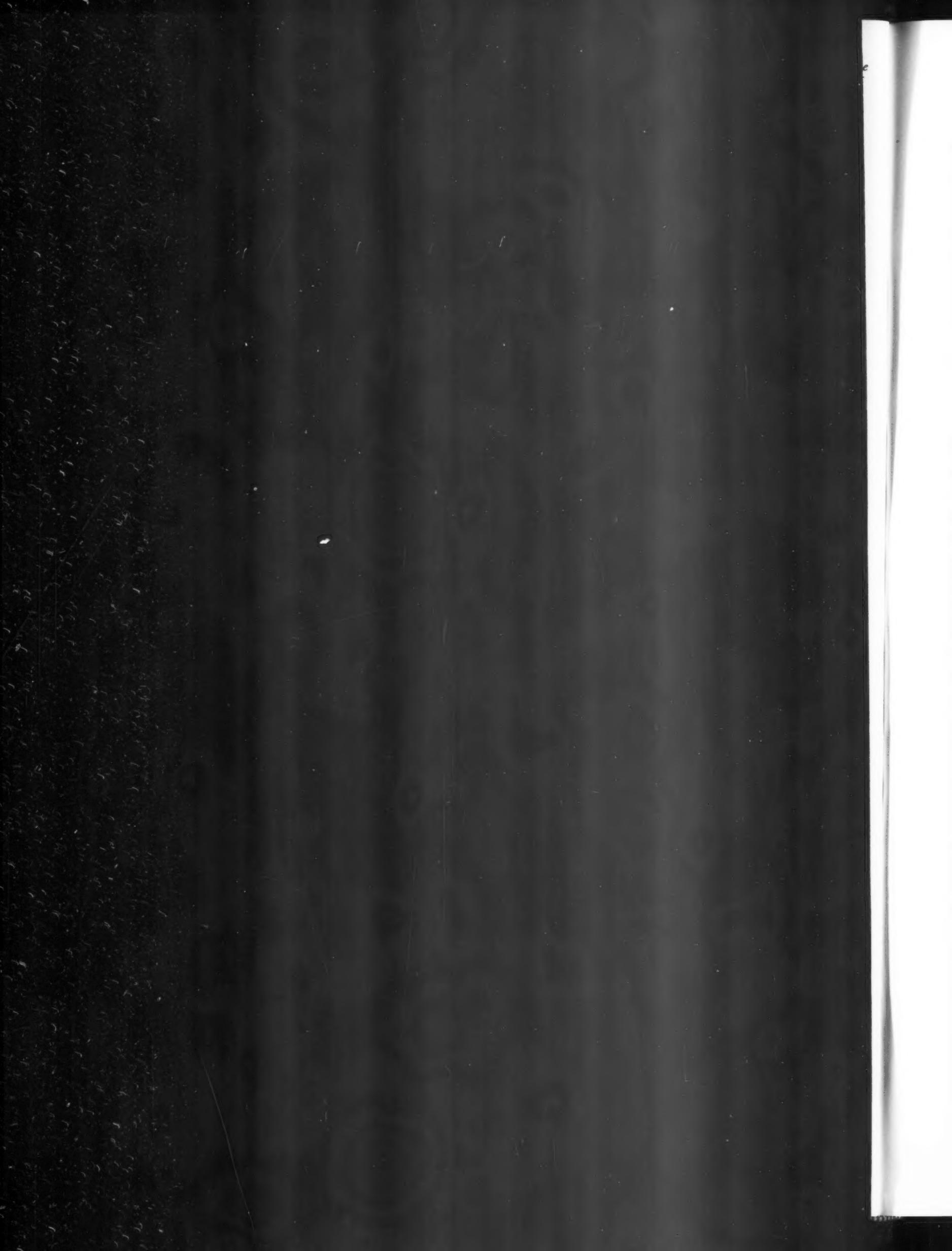
Today leading paint contractors recommend priming both sides of lumber with aluminum paint. Aluminum paint has a moisture-proofing efficiency much greater than any other paint. Its pigment is made up of minute flakes

of pure aluminum. These flakes “leaf” as the paint is applied, overlapping one another to form a tough durable coat of metal protection.

The best aluminum paint is made with Alcoa Albron Powder, mixed with a suitable vehicle made by any reputable paint manufacturer. Aluminum Company of America does not sell paint. It does manufacture Alcoa Albron Powder which your paint contractor can buy from most paint manufacturers, jobbers or dealers by specifying “Alcoa Albron Powder”. Let us send you the booklet, “Aluminum Paint, the Coat of Metal Protection”. It describes the many protective uses of Aluminum paint. ALUMINUM COMPANY OF AMERICA; 2423 Oliver Building, PITTSBURGH, PA.



ALCOA ALBRON
POWDER FOR
ALUMINUM PAINT



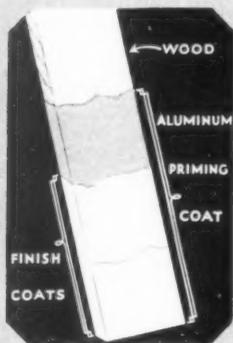
THE COAT OF METAL PROTECTION



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The best aluminum paint is made with Alcoa Albron Powder, mixed with a suitable vehicle made by any reputable paint manufacturer. Aluminum Company of America does not sell paint. It does manufacture Alcoa Albron Powder which your paint contractor can buy from most paint manufacturers, jobbers or dealers by specifying "Alcoa Albron Powder". Let us send you the booklet, "Aluminum Paint, the Coat of Metal Protection". It describes the many protective uses of Aluminum paint. ALUMINUM COMPANY OF AMERICA; 2423 Oliver Building, PITTSBURGH, PA.



ALCOA ALBRON
POWDER FOR
ALUMINUM PAINT

THE *DIFFUSOR*

New quiet <<< New economy

Williams Oil-O-Matic
announces the greatest advance since
oil heating was invented



AMAZING new quietness and new economy are made possible by the Oil-O-Matic Diffusor. This major improvement, recently perfected by Williams, is built into the burner.

The Diffusor automatically creates a more perfect intermingling of fuel oil and air within the furnace—an absolutely even pressure. Resulting combustion is so complete you can readily see the saving on your oil bills. This saving is in addition to the economy of low-priced fuel oil which Williams engineering permits you to burn.

The low-priced new Oil-O-Matic Junior won world-wide popularity because of its quiet operation. Now, with this new Diffusor, you do not hear it start or run or stop!

Send the coupon now for interesting information on this new Diffusor, the Williams metering pump and other exclusive Oil-O-Matic advantages. Thousands of home owners say the carefree comfort of Williams oil heat costs little more than old, dirty, wasteful methods. Discover for yourself the new economy and quietness effected by this Oil-O-Matic Diffusor.

Oil-O-Matic Heats Far More Homes Than Any Other Burner!

WILLIAMS OIL-O-MATIC HEATING CORP.
Bloomington, Illinois

It's the Diffusor that makes it so Quiet

**WILLIAMS
OIL-O-MATIC
HEATING**

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LISTEN SUNDAY

7:30 Eastern Time

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WBZA.....Boston
WBZ.....Springfield
WGN.....Chicago
WREN.....Kansas City
WLW.....Cincinnati
WHAM.....Rochester
WJR.....Detroit
KWK.....St. Louis
KOA.....Denver
KSL.....Salt Lake City
KDKA.....Pittsburgh

Saturday Evening
at 8:00

KFRC.....San Francisco
KMP.....Fresno
KHJ.....Los Angeles

M.S.G. 10-20

WILLIAMS OIL-O-MATIC HEATING CORP., Bloomington, Ill.
Without obligation, please send me information on the low cost of Oil-O-Matic heating for my home.

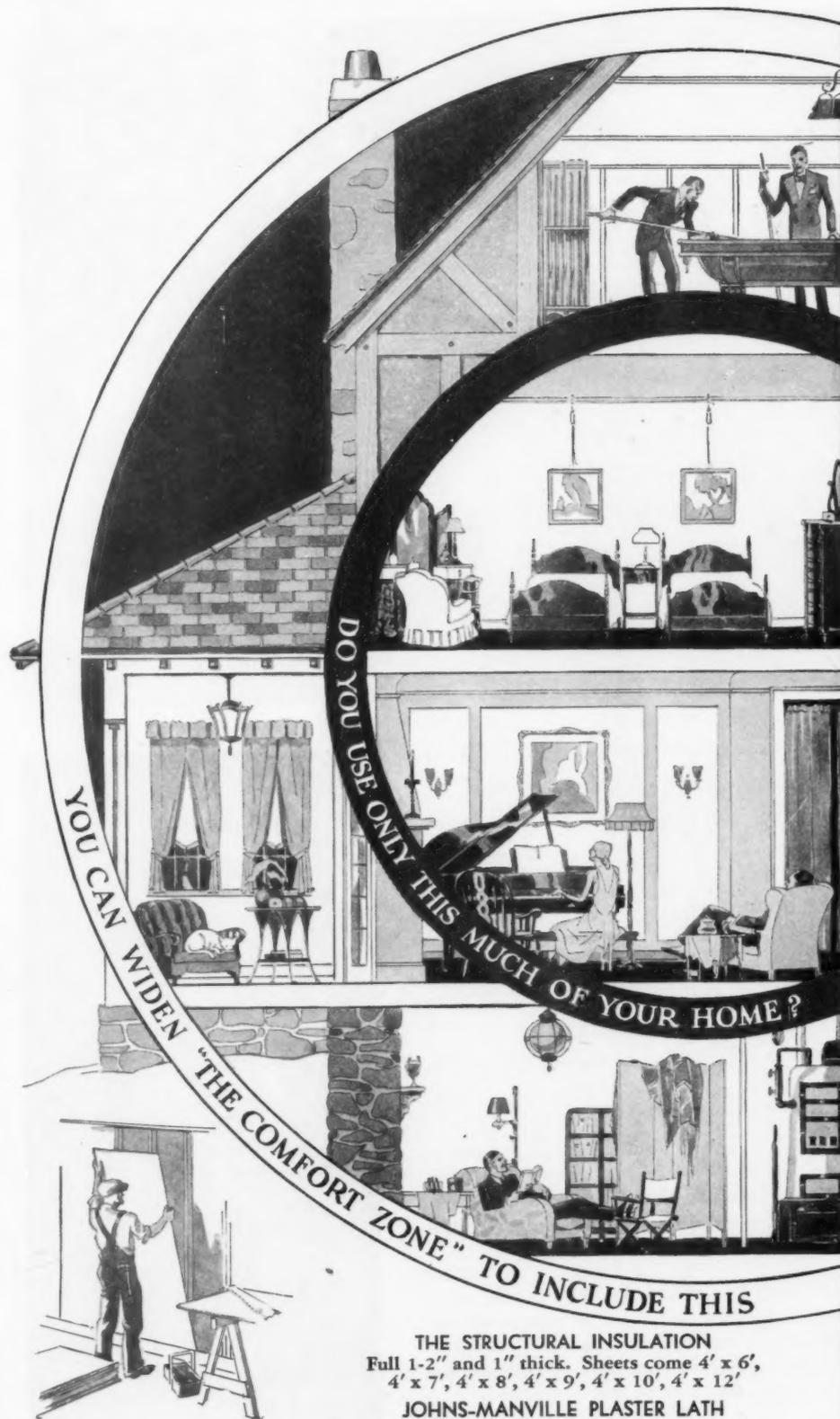
Tell me what this new Diffusor is and how it saves me money.

Name.....

Street.....

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

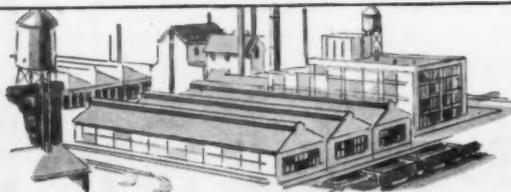
Widen "the Comfort Zone" by making your attic, cellar and porch livable . . .



THE STRUCTURAL INSULATION
 Full 1-2" and 1" thick. Sheets come 4' x 6',
 4' x 7', 4' x 8', 4' x 9', 4' x 10', 4' x 12'
JOHNS-MANVILLE PLASTER LATH
 Full 1-2" and 1" thick. Sheets 18" x 48"

BACKED BY LONG INSULATION EXPERIENCE

You may have special confidence in J-M Insulating Board because the name Johns-Manville has for 70 years represented the foremost achievements in the manufacture of industrial insulations. This new J-M Board provides for you an Insulating Board possessing structural strength as well as outstanding insulating value.



NEARLY every home—no matter how modern and comfortable—has some space that is not now usable. In so many homes there is attic, basement or porch space that can easily be made attractive and livable all the year 'round. How many times have you planned to finish the attic to use as a playroom for the children, or as a maid's room? Haven't you often envied some neighbor's work-room, or attractive basement den?

You, too, can add these extra rooms to your home. It is both simple and economical for you to "widen the comfort zone" in *your* home with Johns-Manville Insulating Board.

The Modern Structural Insulation

When you do plan new rooms in unused parts of your home, you will find this new insulating board the most satisfactory material for walls and ceilings. It will pay you to use this modern structural insulation. Johns-Manville Insulating Board offers insulating value second to none. But it offers you other important qualities as well.

J-M Board is a wood product constructed from long, strong wood fibres and specially processed to insure maximum insulating value. J-M Board keeps out unwanted drafts and dampness; and in addition, because of its structural strength, it makes a sturdy wall, whether used as sheathing, plaster base or interior finish.

Moreover, J-M Board is readily worked because it cuts cleanly. It can be handled with ease and speed by carpenters, and for smaller jobs around the house you will find J-M Board pleasant to work with.

If you are building, be sure to use J-M Insulating Board as sheathing, and J-M Plaster Lath as a base for plaster. Its natural creamy white color makes it ideal for interior decorative effects—or it provides a splendid base for paint, plastic paints or any finish desired. Such construction will give you an insulated house, a house which is in "The Comfort Zone" throughout.

You will find interesting ideas for improving your home, or in connection with planning a new one, in our free book about J-M Insulating Board. Send for your copy now.

Johns-Manville

INSULATING BOARD—PLASTER LATH

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 159 New Montgomery Street, San Francisco, Cal.
 Canadian Address: Johns-Manville, Toronto, Canada
 Please send me a free copy of your booklet, "Insulating Board."

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

Blending fine traditions of design with demands of modern living

PERHAPS, like many other persons with vision, you have your eye on a little old farmhouse miles from town, the sort that seems just waiting to be done over. Floors of broad uneven planks, fireplace huge and blackened, beams that are weathered with the years—such treasures will be guarded carefully. They will guide each step of restoration into the atmosphere of another century. Here will be installed all the comforts of present-day living—fixtures, plumbing, locks and hardware that hold to all the traditional beauty of the past but add a perfection of manufacture unknown even to our grandfathers. Sargent Hardware is of great assistance to all who do over an old place sympathetically, as well as to the careful builder of a distinctive modern home.

Designs that seem to picture the quiet living of Colonial days, or the splendors of the Louis's, or the Moorish influence of the Mediterranean—or if you wish, the extreme severity of line of our own industrial age. Sargent designs offer a wide choice for every architectural style. And with this artistic craftsmanship of the



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(ABOVE) AN OLD FARMHOUSE SKILFULLY REBUILT AND ADDED TO. EXCELLENT ATTENTION TO DETAIL HAS SUCCESSFULLY BLENDED THE NEW WITH THE OLD. POPE & MANNING, ARCHITECTS, WILMINGTON, DELAWARE.

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Richard Averill Smith

THE QUIET OF THE COUNTRY

The sun-dappled walls, the open door, the little mat of this American home described on the following pages, all suggest the peace and contentment of life in the country

Along the road to yesterday

We pay a visit to a little "salt box" house

ELIZABETH H. RUSSELL

Jane White Lonsdale, decorator

UP THE winding Long Ridge road from Stamford, Connecticut, are many quaint white farmhouses under spreading maples and elms, set in deep green dooryards amid gay, old-fashioned flower gardens filled with larkspur, hollyhocks, gladiolus, dahlias, striped grass, and all the other sweet summer favorites. A drive up this road gives us a panorama of southern New England with its uplands and valleys dappled by the great white clouds that cast purple shadows over the scented hayfields. Through openings in the rolling Westchester hills we see little pastorals of misty vales and still blue waters—scenic jewels that inspired the "Hudson River School of Painting" so beloved of our grandparents.

The little "salt box" house we have come to visit stands alone in a grassy dooryard on the right-hand side of the road just before you come to the New York state line, and has all the air of dignity and self-respect those old builders knew how to give to even a tiny house. It has a central chimney, a sloping roof, a hospitable open door and a doormat in which is woven in bright letters the word that expresses the intimate feeling of the house—"Welcome." The lawn of turf is neatly clipped, and runs down to the hayfields in back of the house. Here one may sit under arbors hung with ripening grapes, or beneath the spreading apple trees, and enjoy the views of the quiet country which lies on all sides. Beyond the stone wall is a white "spring house" and near the end of the pergola a

mossy well tempts you to break the surface of its miniature blue sky, and be rewarded by a drink of sparkling cool water. From the foot of the great maple tree on a hill beyond the fields a glimpse of the ocean "down Stamford way" may be seen, so one of the men piling hay told us.

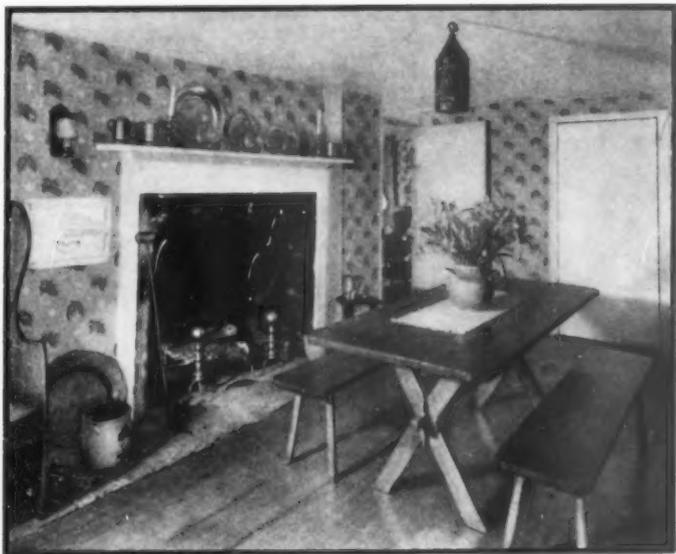
Grape vines, rambler roses, and late honeysuckle climb over the stone walls, arbors, and pergolas, and clothe the sides of the house itself. Close bunches of green grapes hang everywhere, and augur a plentiful supply of grape jelly next winter our hostess says. We beg to be allowed to come and

help the day the house is to be filled with the grapes' pungent fragrance. Both house and fields are full of sweet odors to-day for the breeze brings the scent of the hayfields mingled with the languorous perfume of the creamy-white honeysuckle. A stone which has been hollowed out by nature forms a rustic birdbath under the trees, and the tall blue spikes of the larkspur rising above banks of vines indicate the location of the old-fashioned flower garden.

No one knows the exact history of this little house which speaks so plainly of having been a comfortable and well-beloved home. Here are worn thresholds and wide fireplaces whose aged bricks and cranes show that they were the centers of the household for many years, and provided the heat for cooking as well as for cosy gatherings on winter nights. The dark rafters and wide floorboards give evidence that the house is well over a hundred years old. Its owners



The little old-fashioned "parlor" decorated in pale green and orange has a charming grandfather clock in pine and an open cabinet, painted green, which holds lovely china



The great fireplace with its crane and trammel hooks and deep oven built into the wall of the "Long Room" proclaim this room the former kitchen of the old house. It is now the dining room and has a yellow paper copied from one in the Metropolitan Museum

Below is another view of the "parlor," now the "North Room" of the remodelled house. The flowered wallpaper has a background of pale green, matching the woodwork and the window draperies. Pale orange glazed chintz covers the wing chair

have long since passed on, of course, but of their history not a trace is to be found.

As we step in at the front door we find ourselves in one of the tiny hallways beloved of New England builders, with a large, low room on either side. There are two doors in the woodwork of the hallway, one leading "down cellar," and one up a flight of shallow steps to the two chambers overhead. A low maple table here is set out with night candles in pewter sticks and sconces, while the green foliage of the trees outside is reflected in the Colonial mirror on the wall.

THE room to the left of the door is called the "North Room," and it is a delightful little New England "parlor" with the woodwork all painted pale green, and on the walls a charming wallpaper whose background exactly matches the paint, and whose design is a bright intermingling of field and wild flowers, poppies and cornflowers, convolvulus, vetch, trailing periwinkles, and soft grasses. The furniture is all cherry and pine, with the exception of two wing chairs which are upholstered in pale orange glazed chintz, finished with tiny green frills. The long window draperies are of the same pale green, finished with corresponding frills in pale orange to match the wing chairs and to bring together the colors of the room. A quaint grandfather clock in pine ticks away the hours on a beautiful parchment-colored face whose decorative figures are embellished with naïve moss roses and leaves in soft colors.

There is a drop-leaf, duckfeet table in cherry, a fine old secretary with deep drawers, and several incidental tables in different designs. One holds a very rare and fine globe of





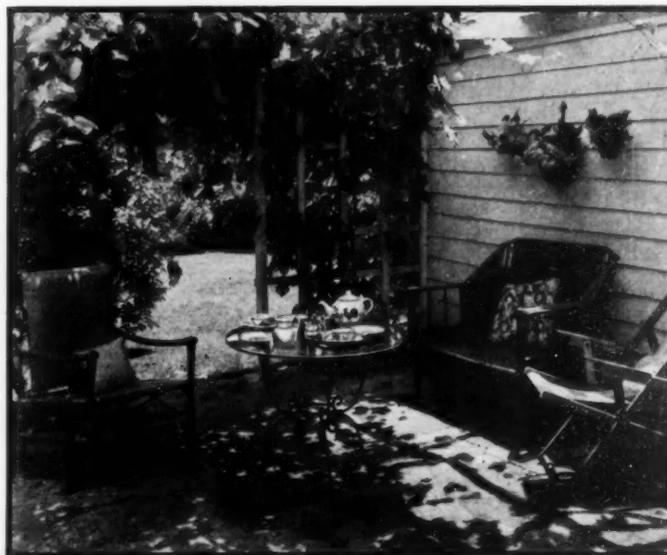
the world, in a wooden frame which shows all the signs of the zodiac and gives much astronomical information on its flat upper rim. There are silver luster candlesticks and a tall flip glass on the narrow mantel shelf, with graceful hurricane shades over the candlesticks to protect the flames from wandering breezes. One corner of the low room is completely taken up by an open cabinet, painted green like the woodwork, and filled with ranks of French peasant pottery embellished with gay cocks and sprays of brilliant flowers, and with Wedgwood and Staffordshire cottage china which give a charming air of hospitality and cosiness.

The "Long Room" at the rear of the house was presumably the kitchen many years ago, for we still find the great open fireplace with crane and trammel hooks, as well as the original stone hearth, and a deep oven built into the masonry of the wall. Now it is the dining room of the cottage, and is papered with a wallpaper which is a reproduction of an Early American one in the Metropolitan Museum, on whose background of sulphur yellow are sprinkled white polka dots and the brown leaves of oaks and poplars. This paper makes a delightful background for the Early American pieces with which the room is furnished, a settle, a long trestle table with a low bench on either side, and an open dresser filled with pewter mugs, plates, and porringers. Stoneware jars and crocks still stand on the great hearth just as they might have done a century ago, and we peer into them to see if yeast, or "salt risings" are still here, but find pine cones for the open fire.

More pewter is on the mantelshelf, and reflected in the polished trenchers are tiny pictures of the small-paned windows opposite in their gorgeous (Continued on page 56)

No one knows the exact history of this little "salt-box" house, which has been so skilfully remodelled and decorated, but it is certainly well over a hundred years old. The long slope of the roof and the central chimney, hidden by the tree, are characteristic

Below is a corner of the pergola where tea can be enjoyed in the shadow of a grapevine, at this moment laden with luscious fruit. The old stone flagging is mottled with moss and the cool shadows of the vine. This would be an attractive spot on any day





Triangular corner cabinets may be either built in from floor to ceiling or they may be ready-made pieces of furniture constructed to fit into corners. The purpose of these cabinets is usually to hold china or bric-a-brac, and so they are both charming and useful in Colonial dining rooms or informal living rooms. A small rug in front, a side table on one side, and chair on the other complete an attractive, well-balanced picture

Sometimes very cozy effects are achieved in a corner by placing there a group of furniture consisting of a large upholstered chair, a reading lamp, and an end table. When the shade of the reading lamp stands high, it may be put on one side of the chair and balanced by a picture hung on the opposite wall. A small footstool and a smoking stand add to the comfort of the composition



THE CORNER COMES INTO ITS OWN

*And becomes an integral
part of the room*

*Suggestions by
EDWARD LONGSTRETH*

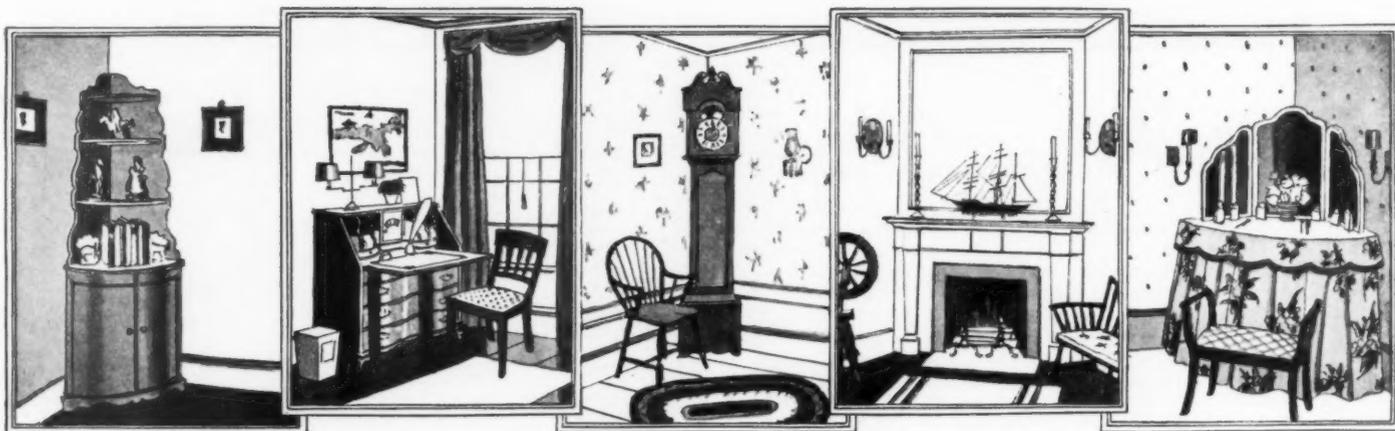
Sketches by FRANK FLEMING



A grand piano is very effective when placed with the keyboard in the corner at right angles to one of the diagonals of the room. Then the box points toward the center of the room and the effect of the whole is in balance. A small chair may be used to fill the concave bend in the side of the piano

Open bookshelves built from floor to ceiling make a colorful, warm background. Placed in the angle of the shelves, facing toward the center of the room, a low chair with a small table on one side and a lamp on the other completes one of the most comfortable and decorative corners a room can have

A corner cabinet for decorative ornaments with balancing silhouettes on either side; a desk with map above it to balance the large window on the adjoining wall; a grandfather clock; a cosy corner fireplace; and a charming little triangular dressing table, all suggest many interesting ways of decorating a corner and bringing it into the whole scheme of a room





Courtesy, Gimbel Brothers

H. Victor Keppler

Color is an outstanding essential in selecting fall appointments for your bed. An ensemble in green and white for a country home shown above includes a green blanket, green and white toile comfortable, green and white toile bedspread, and white sheets with green hem. For a more formal setting some suggestions in mauve and yellow are: mauve and yellow reversible blanket with two-tone binding, mauve and yellow reversible comfortable, mauve jacquard rayon and rayon satin spread, and mauve or yellow sheets

ENSEMBLES FOR THE WELL-DRESSED BED

Pottery that pleases

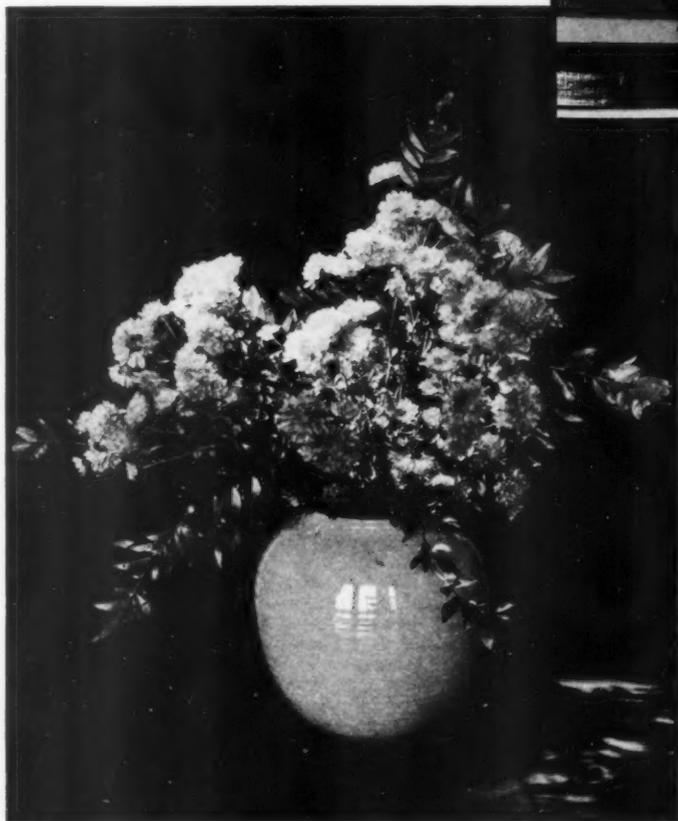
Beauty created by American potters

DOROTHY STACEY BROWN

ANYONE who surveys the present range and variety of American-made tableware, decorative pieces, and household utility wares as shown in the shops, might be surprised to learn that less than a hundred years ago American pottery of all kinds was very poorly regarded as compared with European wares; many merchants who wished to be thought dealers in goods of quality refused to handle pottery whose mark revealed a definite American origin. Although pottery was made in this country as early as the seventeenth century, so many failures resulted from the need of importing expensive foreign labor and from bad management that it was not until after the great exhibition of 1876 that American pottery began to take a place in the sun.

The pottery made in America to-day, if we take the word in its widest sense as meaning objects made of clay and hardened by fire, covers an immensely varied field. It includes fine dinner sets and the

Pottery lamps in a variety of soft colors have many uses around the home. They are reasonable in price in most instances. (Courtesy, R. H. Macy & Co.)



America is a garden-loving nation and one of the distinctive triumphs of her potteries is the production of garden pieces. Oil jars such as this come in many different sizes and prices. (Courtesy of Galloway Terra Cotta Co.)

heaviest and most substantial tableware, exquisite decorative pieces, vases, lamps, bowls, candlesticks and book-ends, heavy kitchenware, garden pieces, even tiles for building and decoration.

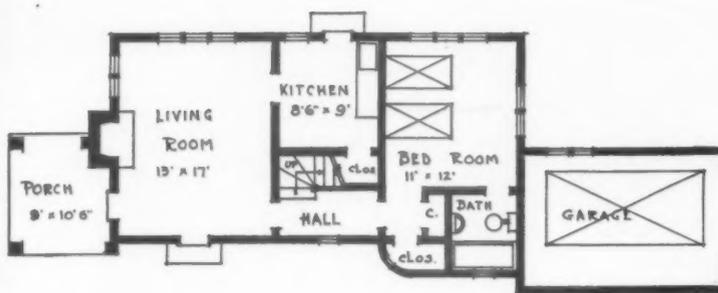
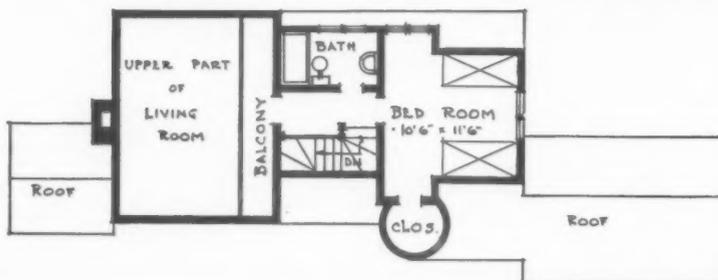
Someone has said that a good pot is one that holds water; it might be asserted that holding water is one of the outstanding characteristics of American-made wares. In other words, from the humblest mixing bowl up they are of uniformly excellent quality, resulting from the highest degree of scientific accuracy as applied to the blending of the kaolin, quartz, feldspar, and other materials, and to the regulation of temperature in firing. The bodies are tough and durable, and the glaze of the teacup does not come off in the tea, as sometimes happens in imported wares which are more decorative than practical.

These good qualities do not mean that the beauty of the wares is sacrificed; the shapes, glazes, and decoration show that art is entering even into articles of daily use. Lovely effects are being obtained by the use of mottled and two-tone glazes, by velvety mat glazes in solid colors, and by streaming glazes in which one color (Continued on page 50)

Pottery flowerpots are made in the simplest and yet most practical of shapes. Their colors—mottled, shaded or solid—are so beautifully warm and mellow that the vases are a decoration in themselves. (Courtesy of The Cowan Potters)



On this page are shown two views and the floor plans of the home of Mr. A. T. Traylor. In the picture above we see, at the right, the garage wing which is, approximately, the northern corner of the house; next, the decorative tower, used for closet space; the front door; and, at the left, the screened porch which is, approximately, the eastern corner of the house. This house is estimated to contain about 13,500 cubic feet and could be built in the New York area for probably \$8,000

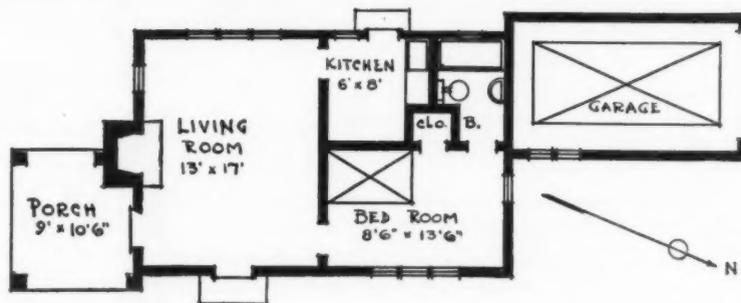


Mr. Traylor's house has four rooms, a large living room, kitchen, bedroom and bath on the first floor and a good-sized bedroom and bath upstairs. The living room is two stories high, and has a balcony at the second floor level. Notice that although these two houses are very small indeed they are good architecturally and the plans are neither hackneyed nor crowded

Houses in semi-tropical sections of the country do not have the same structural details as those in the north. For instance, the southern houses can do without cellars, heating plants, and heavy walls. It is therefore possible to build them more cheaply. Furthermore, building costs are lower in the south. At the left is shown another view of the front of Mr. Traylor's residence. The handling of materials, stucco, timber, and rough siding, is particularly good in this house



The two houses pictured on these two pages are situated at Winter Park Ferneries, near Winter Park, Florida. Houses similar to these sold last spring for \$1,500 to \$5,500, including an acre of ground. The attractive cottage shown above is the winter home of Mrs. Helena K. Smith, of Dobbs Ferry, New York. It contains approximately 10,200 cubic feet. The floor plan is shown at right



SMALL ESTATES IN FLORIDA FOR \$3,500

Designed by JAMES GAMBLE ROGERS, II, architect

A small house by a famous architect

The building and landscape plans of the house illustrated on the cover and in the next four pages of this issue fully described

IT SEEMS hardly necessary to introduce to our readers the artists who collaborated in the design of this beautiful small estate. "The Office of John Russell Pope," which is directed by Mr. Pope himself, Otto R. Eggers and Daniel P. Higgins, is one of the most important architectural offices in America today. The Roosevelt Memorial to be built at Washington, the Marshall Field estate built on Long Island and the Montfaucon Monument on the battlefield in France are three recent designs for which the office is internationally famous.

Ferruccio Vitale and Alfred Geiffert, Jr., direct a firm of landscape architects which is equally preëminent in its field. Lurelle Van Arsdale Guild is a well-known artist and interior decorator of New York. Some of his work has previously appeared in the pages of this magazine.

The model of the house and grounds was made for us by Mr. E. T. Howes and is a beautiful reproduction, exactly to scale, of the building and landscape designs. Even the mortar joints between the bricks in the wall are colored and impressed just as they would be in a real house.

It has been many years since Mr. Pope, or his associates, bent their architectural energies to the design of a small house. Their drafting boards are always crowded and they are not able to assimilate the large number of small house orders which would naturally be theirs. They are not, therefore, small house architects. However, the problems of the small residence are those of the large one intensified, and we offer this material to our readers as an example of what the small house can be if the plan is carefully studied and the design carefully worked out.

The architect took as a prototype for his AMERICAN HOME house one of those brick Colonial houses built about 1740 in the south, in the vicinity of Yorktown. The most noteworthy thing about it architecturally is the elegant simplicity of its mass. This means good proportions and a sparing use of ornament. The house consists, chiefly, of a rectangular block. This is the typical Colonial, or Georgian, shape. The problem before the architect is, how to give grace to this block and, at the same time, not to detract from the dignity of its simple, honest lines. Too much ornament means confusion, a restless picture; too little means austerity.

The architect took a leaf from the Colonial designer's notebook and clipped the peaks of the gables. This was a common treatment of the gables of southern houses of this type and it has the effect of reducing the apparent height of the roof and making the main block seem less angular. Another feature which is typically southern is the use of

chimneys at either end of the house, projecting slightly from the wall and lending interest to the side elevations. These were handled most skilfully in the AMERICAN HOME house, being of just the right size.

Proportions are, after all, the real test of the architect's skill. Chimneys too big make the house seem skimpy, windows too small make the mass overpowering, obtrusive dormers destroy harmony and large scale ornament results in confusion. The architect designed for our house a simple doorway which is exactly suited to its position. It does not strain after a Colonial effect as many doorways do; at the same time it is not so simple and forbidding as some doorways in old New England. It is inviting and gracious.

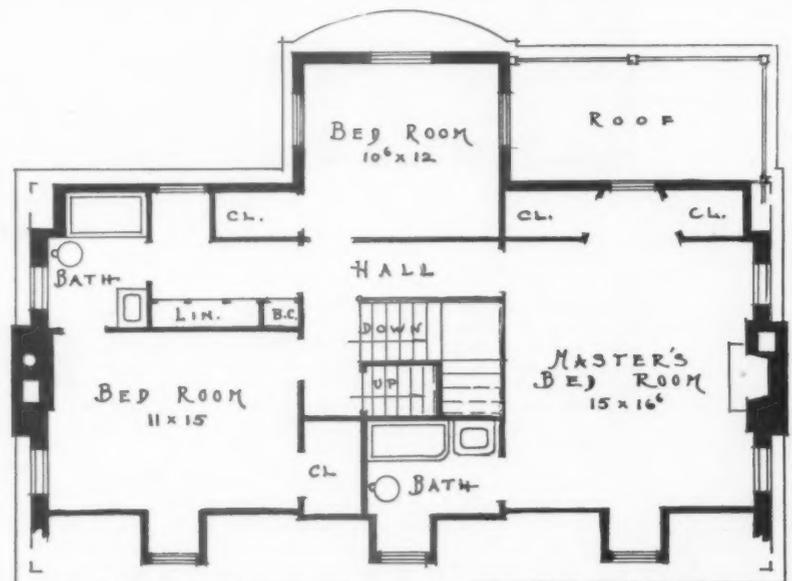
The garden side of the house is of course more intimate and less impersonal than the front. This is the "living" side. Here is the porch, overlooking the lawn and garden; here are the French doors into the living-room; also the dining-room bay; and, upstairs, the bedrooms and the balcony of the master's bedroom. Here the brick walls give place to a less formal shingle treatment and a little metal roof makes a fan design over the dining-room bay.

The landscape architect has taken the living room and dining room and, of course, the master's (Continued on page 54)

Architects
**THE OFFICE OF
JOHN RUSSELL POPE**

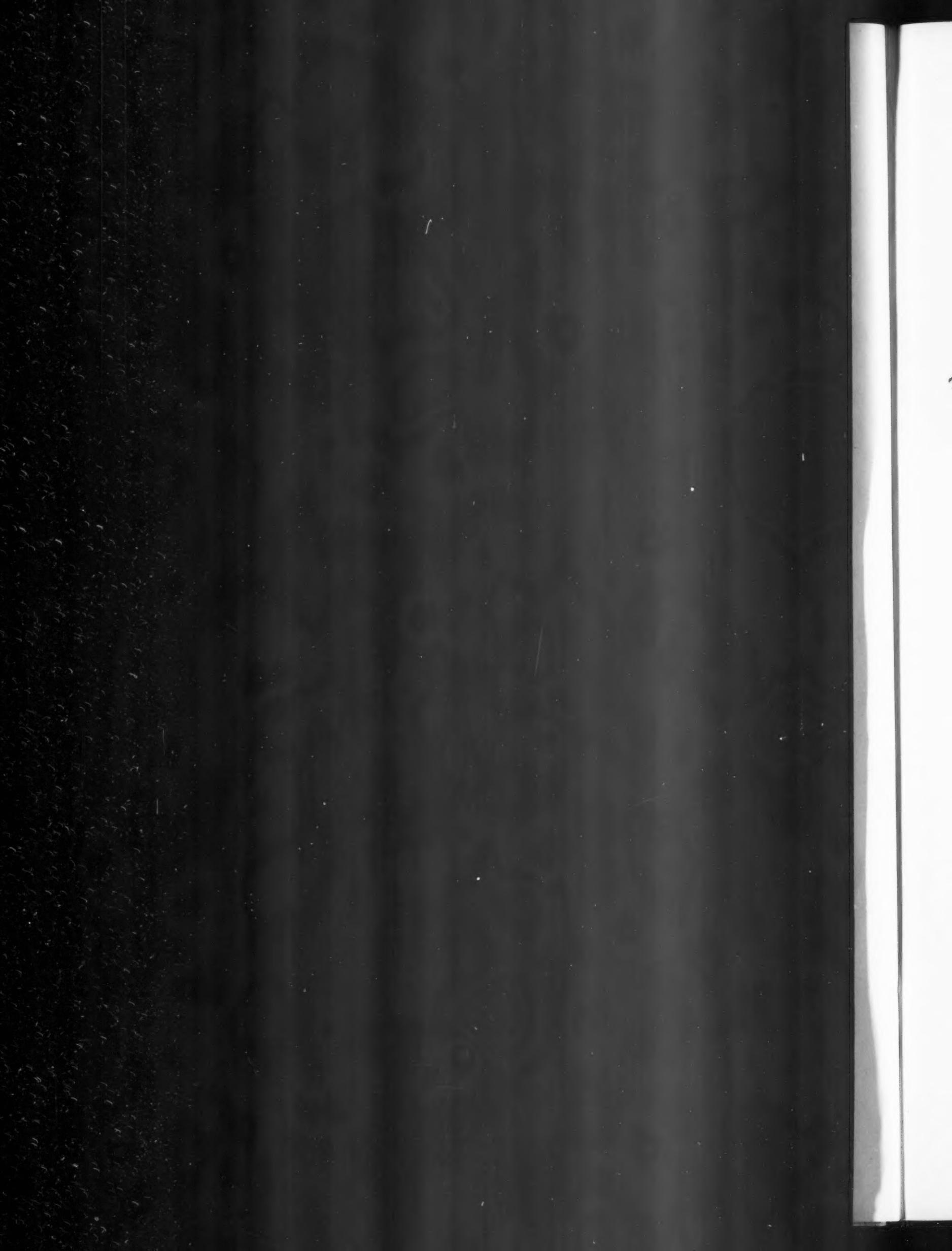
Decorator
LURELLE GUILD

Landscape architects
**FERRUCCIO VITALE
ALFRED GEIFFERT, JR.**



The master's bedroom has four windows; one, opening on the roof balcony (shown in the drawing on the opposite page) faces the southeast, two, flanking the fireplace, face southwest; the front dormer faces the northwest. A bathroom is attached to this room. The other bathroom has two doors for the other two bedrooms. Stairs lead to the attic



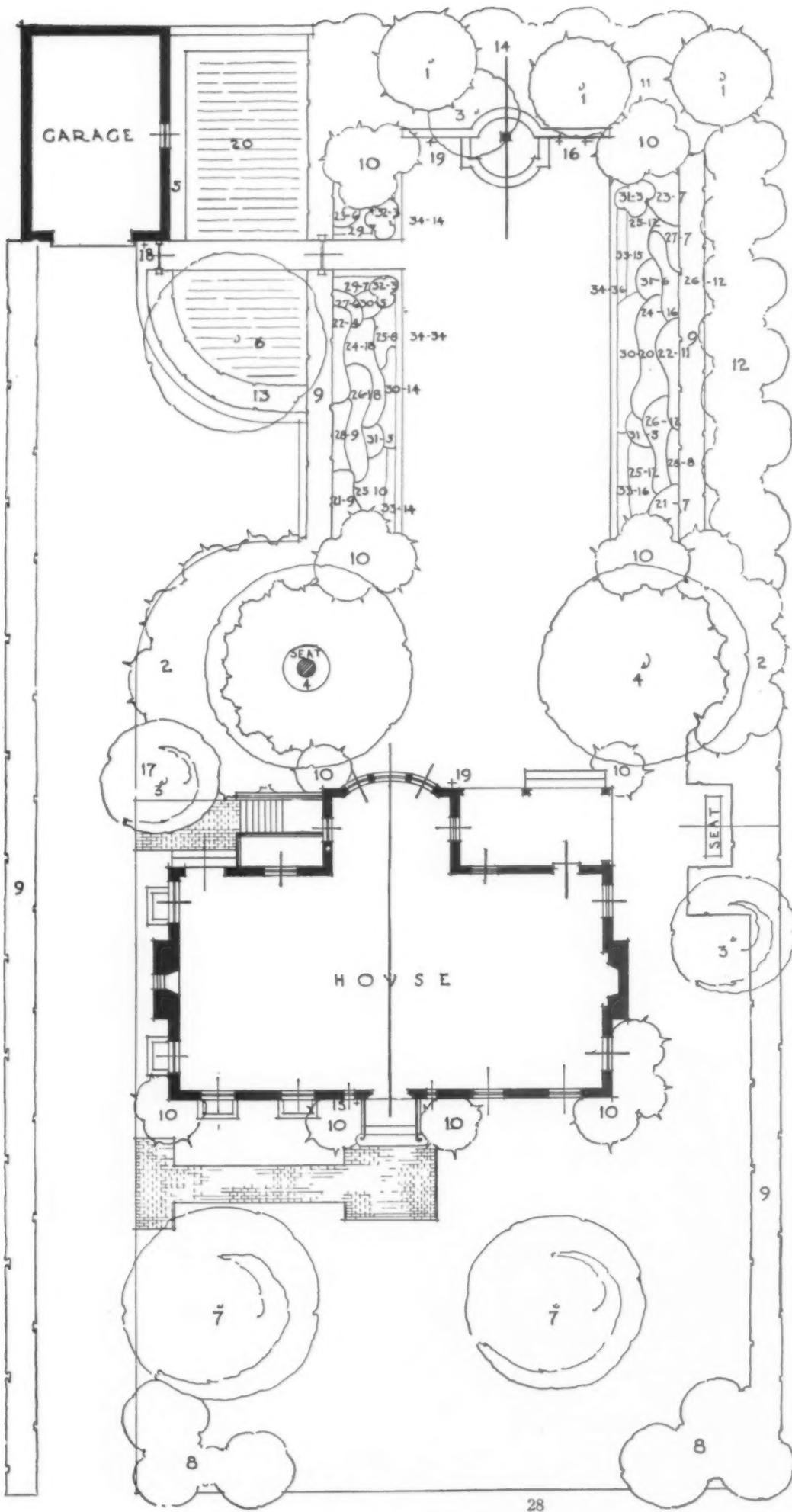




Above is shown the garden side of the house which was designed for us by the Office of John Russell Pope. On the cover of this issue is shown, in color, the front of the house. The architect estimates the cubical contents at about 29,000 cubic feet and in those sections of the country, such as the New York area, where this type of construction costs 60 cents a cubic foot, the house could be built for about \$17,400. It would cost less in most parts of the country. The living-room porch, the balcony of the master's bedroom and the dining-room bay are shown in the drawing above between the two apple trees, skillfully placed by the landscape architect. A complete description is given on the opposite page



The first floor plan, at left, is worth studying. The living room is properly proportioned, its width being about two thirds its length. The interior treatment of this room, and of the dining room, is shown on page 30. French doors open on the arcaded porch from the living room and dining room. The kitchen has two exposures, northeast through the small porch and kitchen door, southeast through the window over the sink. (Compass directions are given with the landscape plan on the next page.) The maid's bath has a window in the furnace chimney. Stairs marked "down" lead to the cellar, a plan of which is given on page 54. The second floor plan is reproduced on the opposite page



The landscape architect designed two planting plans for the AMERICAN HOME house: one for an estate south of the Mason-Dixon line, and one for a northern site. The following is the keyed list of plants and flowers for northern planting (the second number on the plan refers to the quantity of plants):

EVERGREEN TREES

- 1. White Pine
- 2. Canada Hemlock

DECIDUOUS TREES

- 3. Glossy Hawthorn
- 4. Apple
- 5. Apple espalier
- 6. Pear
- 7. American Elm

EVERGREEN SHRUBS

- 8. Snow Azalea and Mountain Laurel
- 9. American Arborvitae or Common Privet
- 10. Japanese Yew

DECIDUOUS SHRUBS

- 11. Greenstem Forsythia
- 12. Common Lilac
- 13. Highbush Blueberry
- 14. Withe-Rod

VINES

- 15. Trumpet creeper
- 16. Winter creeper
- 17. Periwinkle (ground cover)
- 18. Grape
- 19. Wisteria (mature vine)
- 20. Pot Herbs

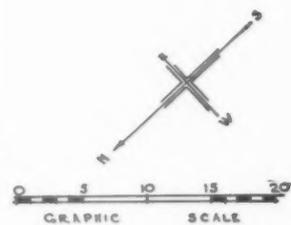
PERENNIALS

- 21. Hollyhocks, cream; Aster White Climax
- 22. Hollyhocks, pink; Aster Climax
- 23. Hollyhocks, maroon; New England Aster
- 24. Shasta Daisy
- 25. Canterbury Bell
- 26. Hybrid Delphinium and Single White Peony
- 27. Riverton Gem Sneezeweed
- 28. Riverton Beauty Sneezeweed
- 29. Yellow Tall Bearded Iris
- 30. Dalmatica Iris
- 31. Japanese Iris, lavender
- 32. Regal Lily
- 33. Globeflower
- 34. Larpente Plumbago

ANNUALS

- 25. Salmon-pink Zinnias

The following is the list for the southern garden. The plan is exactly the same as for the northern garden except in this respect: the Lebanon Cedar occupies the position of the central (Continued on page 54)

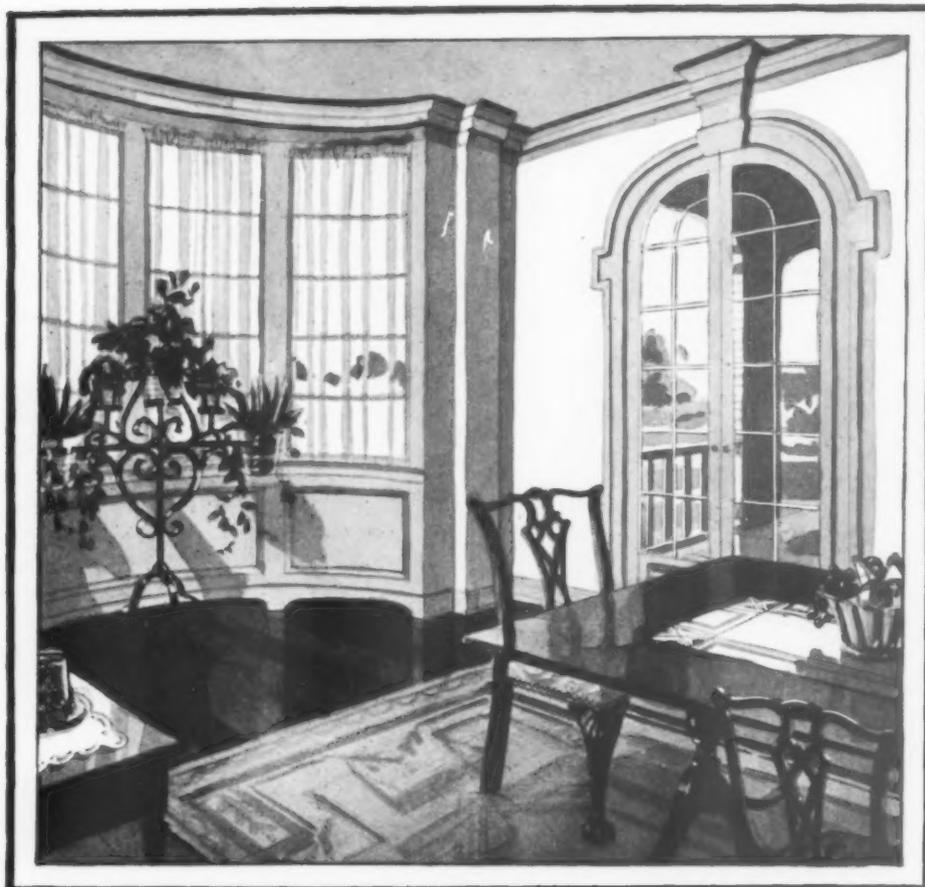


At the left of the driveway is a thick hedge, while at the corners of the lawn are clumps of mountain laurel and azaleas. The western sun throws the shadows of the tall elms on a warm, gray slate roof. Japanese yew is used for foundation planting, and a trumpet creeper will, eventually, clamber over the pretty arch of the door. In the background one catches a glimpse of glossy hawthorns and an apple tree



As described in the article beginning on page 26 and illustrated in color on the cover of this issue, the house is of a pinkish brick with shutters either green or ivory white. The woodwork is white, the slate roof gray. The view of the house shown below is from the southwest. The lot itself is 75 x 150. A privet or arborvitae hedge, high enough to insure privacy, hides the front lawn and Canada hemlock is used around the apple trees at the rear of the house. A tall hedge of lilac completes the boundary planting down to the white pines at the end of the garden. The garage wall, shown in the background, should have espaliered apple trees covering its surface

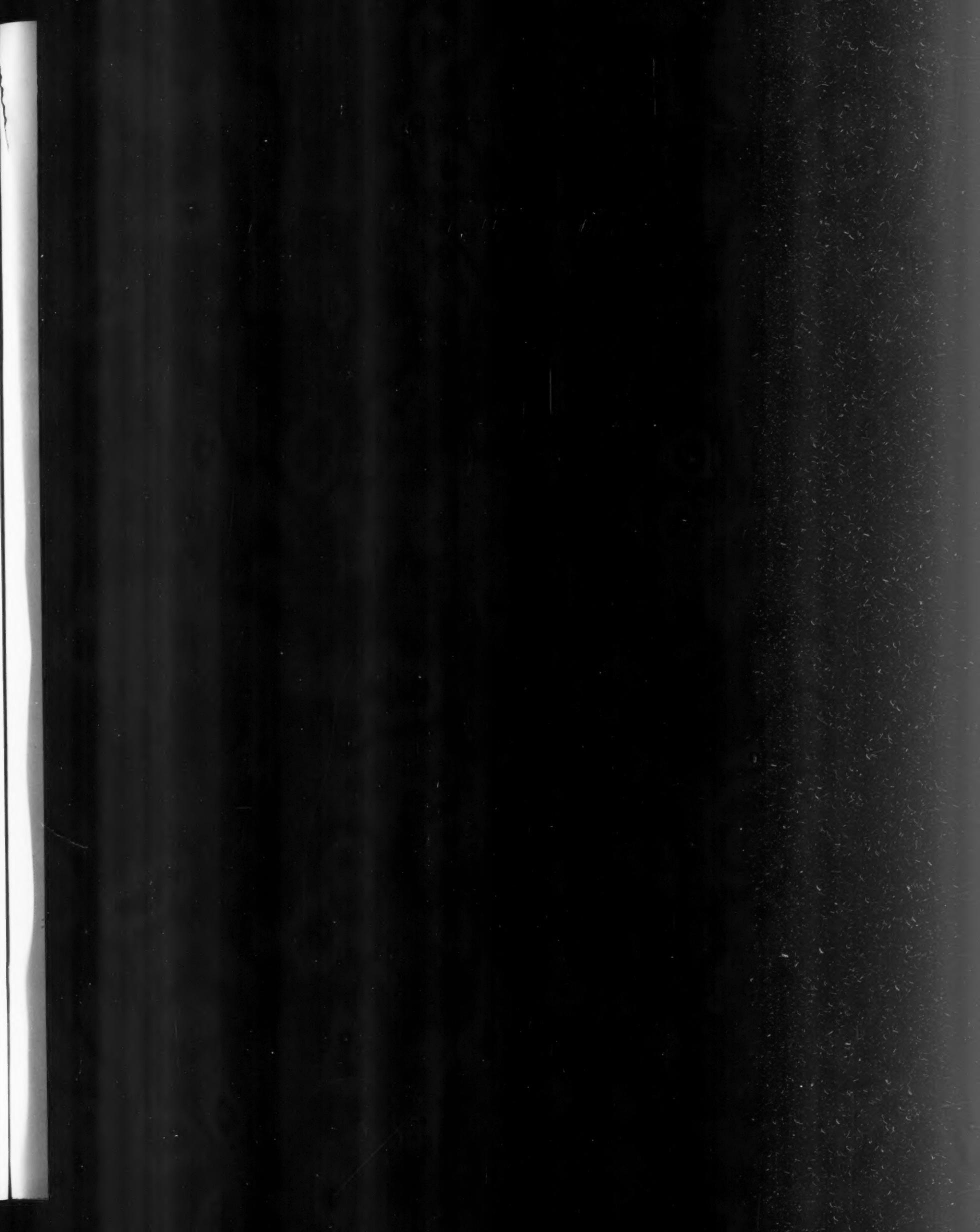


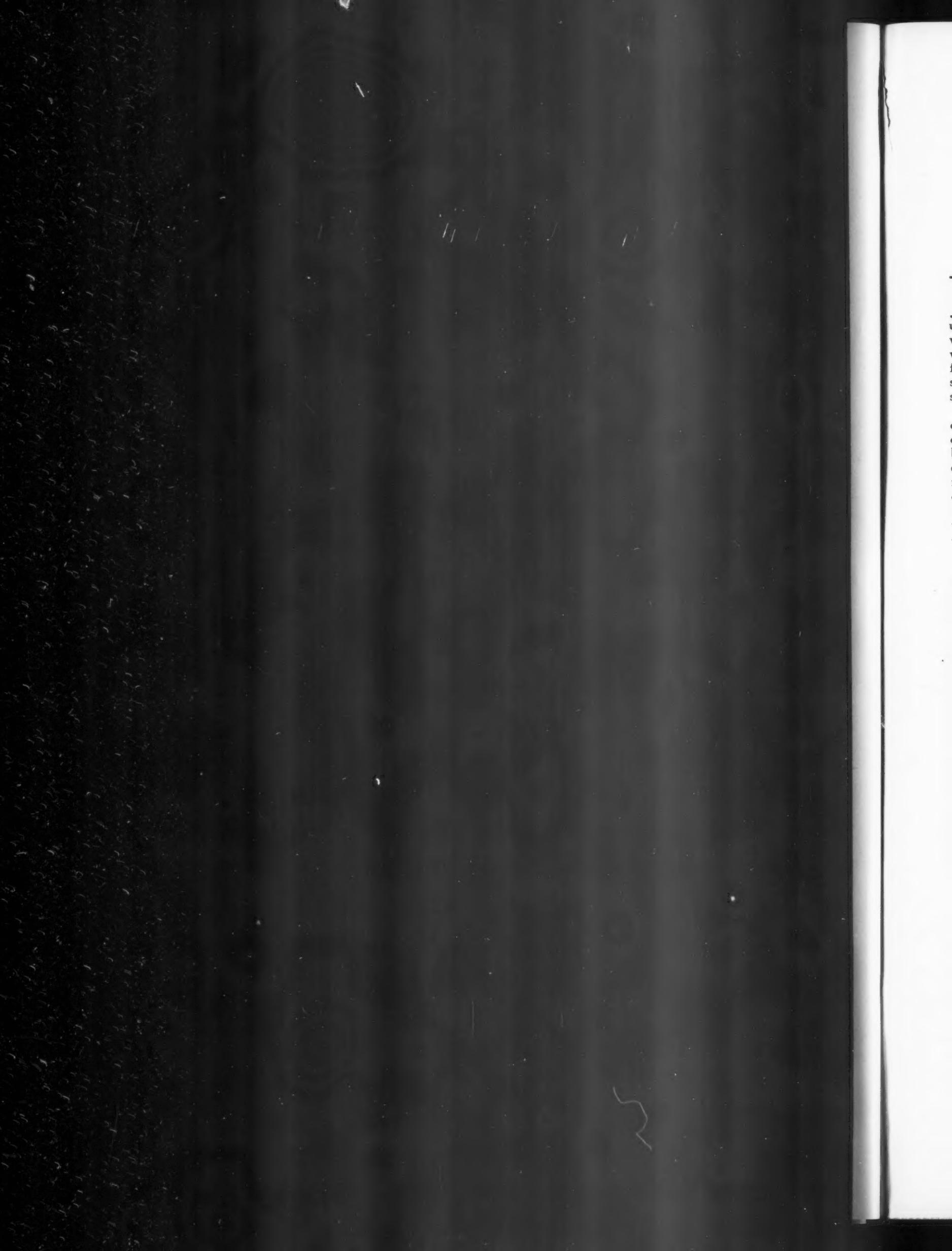


The dining room bay in the house designed for us by the Office of John Russell Pope is shown above. The decorator suggests that the woodwork be enamelled white and the plaster walls be tinted a very soft mulberry color. A Persian rug is on the floor. The arched French door opens out on the porch and another arched door, not shown, opens into the living room

Below is shown the western corner of the living room. Here the decorator suggests the use of a tan toile wallpaper which would contrast harmoniously with the apple green woodwork. The curtains are a maize taffeta, while the sofa is in tones of green. Plans of this room and the dining room, above, are given on page 27. The furniture in the living room is mahogany







Are you planning to move?

Safe transportation for your household possessions

MOLLIE AMOS POLK

IN THIS restless age when big companies have a habit of transferring their men from office to office as conditions change, American families have come to take sudden upheavals and movings as a matter of course. Even when we shift from city to city and from house to house, however, we cling to our household possessions for the background of familiar china and furniture seems to give us a sense of stability which is very pleasant after the uproar and confusion of moving.

But, if our household possessions are to come through the ordeal of moving unscathed, it behooves us to pack them correctly ourselves or to know enough about the process to be able to watch the transfer company's men with a knowing eye. And so, if you are planning to move, look into the matter of truck versus railroad moving, consider the matter of lift vans, be sure that you understand the terms of your trip insurance policy, choose a moving and storage company which is financially responsible to handle the affair and then—pack your own china!

BEFORE you call in the moving man, however, take stock of your possessions and weed out the things you have never cared for particularly. It will cost about ten dollars in crating and freight to move that old wing chair, for instance. Is it worth it? The chair is, to be sure, comfortable, but it is not and never has been a particular favorite. Now it has become shabby and must be re-upholstered before it appears before the gaze of a new circle of acquaintances. The few dollars which it will bring from the second-hand furniture man, added to the saving in freight and the possible price of a new cover might better go toward buying a new chair.

At the same time scan the china and kitchen equipment with a critical eye and then leave behind all the superfluous muffin tins, tricky egg poachers, and sauce boats which are never used. If this matter can be attended to before the actual moving day, expensive time and temper will be saved and you will, furthermore, be less likely to arrive at the new home still in possession of a choice collection of white elephants lovingly tucked into the moving van by some overly-conscientious packer.

After this preliminary skirmish you will be ready for the serious business of china packing and you will find, unless your time is at a premium, that it will pay to attend to this matter yourself, for you will save money and, in all probability, do a better job than most professional packers. It requires patience, but no special ingenuity to pack china securely for shipment by rail, truck or van.

CLEAN newspapers, a roll or two of bright red crêpe paper, and sugar barrels are the needed equipment. The barrels may be purchased in chain stores, but you will have to put in your order about three weeks ahead of time for the local manager must get permission from his district manager to sell his barrels instead of returning them to the warehouse. Or they may be purchased from the warehouse company for about two dollars each. On the whole, this may be the easiest way of getting them for the moving man can bring you three or four when he comes to look over your possessions and make a preliminary estimate of your moving costs.

Newspapers are better for wrapping china than either sawdust or excelsior for they are easily cleaned away after the unpacking process, and experience shows that they are the most efficient safeguards against breakage to be had. Use plenty, but discard the rotogravure sections which crack and tear easily. The red crêpe paper is to be used in wrapping little things such as teapot lids, butter chips, and the like which might easily go unnoticed and be thrown out with the packing materials if there were nothing about them to catch the eye.

PUT an old sofa cushion in the bottom of the barrel to act as shock absorber, then pad a ring about two feet high around the sides of the barrel with crumpled paper and you are ready for the first layer of china. Start with the large platters, wrapping each piece with plenty of paper (three or four double sheets are not too much for a turkey platter). Stand the wrapped platters on edge around the sides of the barrel, bracing them with more crumpled paper so that they cannot shift back and forth or bump each other. Next, take a stack of dinner plates and wrap (Continued on page 66)



Efficiency spells economy

Especially in electrical equipment

JOSEF W. VON STEIN

IT IS not an uncommon experience to find displayed on adjacent counters in an electrical store regulation toasters priced at five dollars or more and toasters similar in appearance and design costing less than a dollar. The latter are marked as "special" bargains. Why should we not avail ourselves of this excellent opportunity to save money? We have never heard of chicanery in this comparatively new field of electrical merchandising, and we are inclined to believe that if the apparatus works, if the electrical grid gets red hot, it will suit our purposes perfectly.

There is a tremendous amount of ignorance among people on the subject of electrical merchandise. Cheap electric light bulbs, plugs, heaters, and even washing machines are bought daily merely because they perform as advertised on a first test. The fact that such shoddy equipment is a prime cause of fires and serious injuries is not well enough known. Even if the appliances work, they do so at an increased rate of power consumption and the maintenance bills are higher than they should be.

One difficulty is that most people do not know what to look for in electrical equipment. When the salesman shows us a nicely plated toaster and lets us feel the heat generated by its grid, we feel satisfied. What more could we ask?

FIRST of all, we should look for the manufacturer's trade-mark. If it is a familiar name, that is usually sufficient assurance that the appliance is dependable. Besides the trade-mark we should look to see whether the appliance, if it has a motor, is marked *AC* or *DC*, for alternating current or direct current. Some appliances are designed for use only on one or the other type of current, not on both. The normal rate in volts and amperes or volts and watts is usually given on the manufacturer's name plate, too.

If you wish to prove to yourself why one appliance sells for one dollar and its seeming counterpart sells for at least five times as much, you can apply some of the tests described in this article.

Temperature is a factor of prime importance to be considered in all appliances. Many a highly polished table-top or fine linen cloth has been ruined by high temperatures under poorly constructed toasters, table stoves, grills, and similar devices. We can test, with our hands, temperatures at important points such as the legs of stoves, bases of radiant heaters, and stands for electric irons. Some of these stands are permanently fastened to the heel of the iron in such manner that we can balance the iron upon this "heel rest" and the end of the handle; or the stand may be a separate device upon which the iron rests flat. In either case, it is important that the stand be properly constructed or insulated so that it will conduct a minimum amount of heat to its points of contact. Unbelievable as it may seem, the Electrical Testing Laboratories have found cases where temperatures of legs of table-stoves registered over 300 degrees, while the temperature of a table-top beneath an appliance has reached the amazing figure of 424 degrees!

We should also make sure when buying an electrical ap-

pliance, that a minimum of heat is transmitted to handles, knobs, and other parts we are likely to touch. This is especially important in such appliances as toasters which must be turned by hand. Also, most radiant-heaters have handles to permit moving them when in operation; but too many times this handle is so uncomfortably hot that it is useless. These important facts can easily be determined, if we take time to heat the appliance before it is bought.

IN THE case of irons, although the handle may remain comparatively cool, an excess amount of heat may be radiated from the iron itself so as to cause discomfort to sensitive fingers. Therefore, we ought to hold the iron and go through the motions of ironing for a few minutes, while the current is turned on. In this way we can also make certain that the "feel" of the iron is satisfactory. This intangible quality depends upon the shape of the handle, the balance of such features as the thumb-rest, and the actual weight of the iron itself. A six-pound iron is the usual domestic size. In an "automatic" iron the temperature range is controlled by an auxiliary switch on the iron. Or "automatic" may mean that the iron has a safety device that turns off the current before a dangerous temperature is reached. Certain irons have an automatic switch which is embodied in the appliance plug and is not an integral part of the iron.

But automatic or not, there is one quality of prime importance to all irons. Is the heat in the sole plate properly distributed? A comparatively simple method of determining this is to place the heated iron on a piece of blotting paper for a moment or two. The degree of scorching will enable us to determine whether the hottest portion of the sole plate is, as it should be, at the tip.

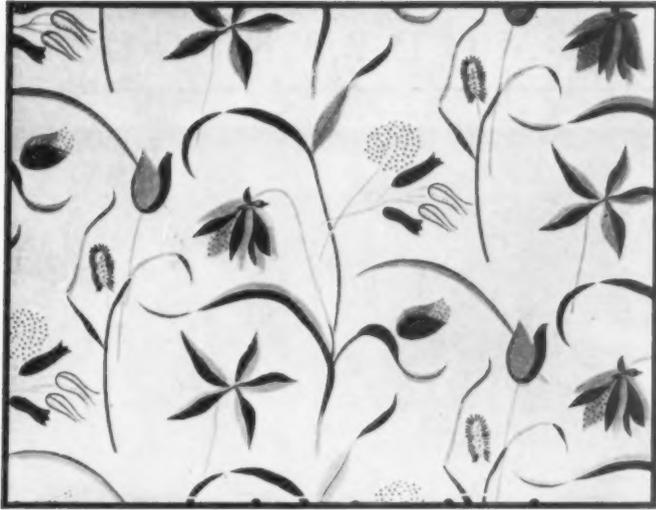
OUR individual culinary tastes may vary as to the degree of crispness or dryness of toast; but upon one thing, at least, we all agree—our toast must be uniformly browned. To insure this, apply the "blotting paper test." Or, if possible, use actual slices of bread in testing the toaster since blotting paper is likely to ignite. As for styles of toasters, some of us may prefer the simple type in which each individual piece of bread is turned by hand, others may favor toasters with carriers easily flipped around to bring the other side against the heating element. Then again, there are those devices in which both sides of each slice are toasted simultaneously. These appliances, of course, include those known as "sandwich toasters," in which ordinary toast or complete sandwiches with filling can be made. Some toasters, termed "automatic," have a mechanism for automatically turning off the current after a predetermined time; and some will signal this fact either by ringing a bell, or partly ejecting the finished toast. Others, also known as "automatic," permit the carriers to be reversed by merely pushing down a button. Some toasters keep the toast warm after it is made. (Continued on page 52)

ALADDIN'S MAGIC IN MODERN GUISE



H. Victor Keppler

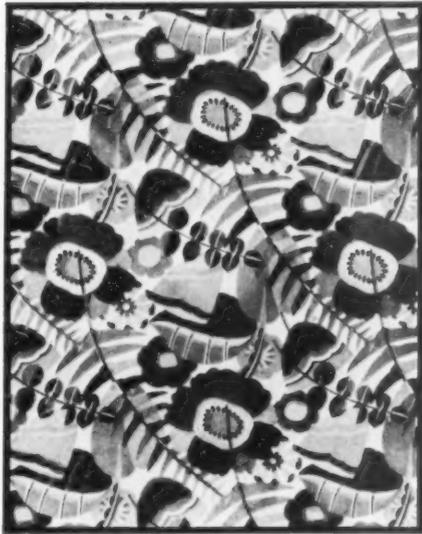
Reading across this picture, from left to right, in the top row we find first a toaster or grill with three heats possible, next an egg or mayonnaise mixer with two bowls, and, at the extreme right, an automatic toaster. The middle row displays a sandwich toaster, an automatic egg-boiler, a combination food and bottle warmer and a corn popper. The lower row has at the left a smart electric teakettle, next an automatic iron, and a round waffle iron that may be used as a grill, and, at the right, a coffee percolator. (All by courtesy Hammacher, Schlemmer Co., Inc.)



A design by Theresa Kilham is brilliantly carried out in this wall-covering which makes a superb modern mural. It has an ivory background with flowers in rose, jonquil, and greens. (Permatex Prints, courtesy, Richard E. Thibaut, Inc.)

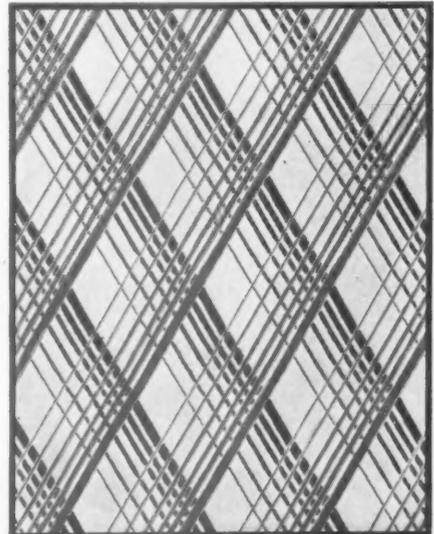


A pastoral in green on a white background is typical of the swift movement of modern decoration, and would be very appropriate in a modern country house. Comes in violet, reddish rose, or green, on white. (Salubra, courtesy, Gimbel Bros.)



A brilliantly patterned oilcloth depicts in an amusing modern fashion the jungle whose name it bears. It is an exotic design of tropical flowers and foliage in orange, jade, violet, and rose. (Meritas by, courtesy of Standard Textile Products)

A smart modern wall covering, waterproof and sun-resisting, with a permanent, lustrous finish. The plaid design shown is in tones of pale rose, soft buff, and white on a dove-gray background. (Permatex Prints, courtesy, Richard E. Thibaut, Inc.)



Gay field flowers in delicate tones of pastel rose, tan, and mauve, with foliage in soft greens and taupes cover the surface of this washable wall-paper which may be kept fresh and spotless by simply wiping it off occasionally with warm, soapy water. (Courtesy, Richard E. Thibaut, Inc.)



A "sun tan" background with naïve flowers in orange, periwinkle blue, and jade green in a sketchy landscape. (Courtesy, Richard E. Thibaut, Inc.)

Black and white has a chic of its own. Walls covered with this new material will not have to be renewed for years. (Salubra, courtesy, Frederic Blank & Company)

WASHABLE WALLS

Soap and water keep these materials fresh



Settings by Gimbel Bros.

Mayer-Kuck

We have by no means seen the end of the tide of color that has swept into our houses and made them such cheerful, charming dwelling places. Even the food we eat may now be colored. Here is a setting for a rosy bridge-luncheon, the menu for which is given in the accompanying article

Colorful collations

Food, linens, and accessories that harmonize

PIERRE DUTEL

WE CANNOT call upon our wit to entertain our friends," quoth Mr. Emerson, "and so we buy ice cream." If we plead guilty to this charge, all the more needful that the ice cream at least be very, very good and the serving of it as delightful and as original as possible. Those who do not run to brilliant repartee may justly occupy their minds with more material beguilements, and then if perchance some guest turn sparkling and infect the mood of the table, what a super-entertainment will have been had!

So, let us consider the possibilities in color schemes for luncheons and dinners—especially important occasions now that entertaining is to return to the home. Yes, the decree has gone forth. Restaurateurs tear their hair, while prospective hostesses beat their foreheads for schemes that will be individual and charming. Consider the possibilities of green dinners, where everything—food, linen, accessories—are all of a cool green tint, or possibly pink dinners; or black and white luncheons. What would be more charming?

A green dinner is not hard to accomplish if one has a cloth of pale green, and service plates of green, or white with a green band, or green and silver. A green bowl filled with fern and white flowers might center the table, flanked by tall candlesticks of silver with green tapers and such other table ornaments of a matching hue as may be available.

THE menu for the green dinner starts with an iced fruit cocktail topped by green maraschino cherries. A green soup follows made with watercress and potato, or a cream of spinach, or asparagus, or green pea soup. After this, white-fish with green horseradish sauce and potatoes persillade. Spring lamb might be the roast with mint jelly, mashed potato cups filled with peas, broccoli, string beans, or asparagus with hollandaise colored green also. Colorings for the hollandaise or other sauces may be bought in packages and are entirely tasteless and easy to incorporate in food just before serving. A cucumber salad in green jelly on

As described in the article, if one had a breakfast set in yellow or yellow and green, one could arrange a breakfast that would be a good send-off for any weekend visitor. Honeydew melon, eggs, corn cake, yellow sugar and the yellowest butter would all find a place on the menu



lettuce leaves garnished with rings of green pepper might be served. Frozen mint ice or pistachio ice cream, with lady fingers frosted in green; and coffee with green dominoes would complete a repast verdant enough to suit any son of Erin or even the venerable St. Patrick himself.

Let us discuss a bridge-luncheon and determine to do the whole thing in pink. How much rosy food there is to be had after all! A table with a glass top would be ideal for such a luncheon, reflecting a center of branches of apple blossoms or a low arrangement of pink and white tulips in moss.

The menu for this roseate repast might commence with a watermelon or strawberry cocktail, followed by borsch, that pinkish Russian soup; salmon, hot or cold, with a pink cream sauce; next baked ham, stuffed with spices and

served with sweet Madeira sauce, supported by beets and carrots, and paprika potatoes, and followed by a salad of shrimp or shredded lobster mousse on lettuce. Dessert offers several possibilities: strawberry shortcake, raspberry ice, rosily tinted bavarian cream or charlotte russe, ice cream in pink frosted angel cake baskets, and coffee in little pink cups with rose-tinted sugar crystals or pink domino sugar.

If one has succumbed to the lure of the new black and white china and glassware, and perhaps the new black and white tablecloths and napkins as well, one can plan a luncheon, or dinner, in black and white that is sure to place one at the social peak of the neighborhood.

The center of the table offers a chance to use black tulips or pansies growing in little white cachepots of porcelain, or cut and placed in an opaque white bowl. If black flowers are not available, use flat white ones in a black glass floater. Amusing little figures in black and white glass, posturing about in any table space that may offer, would add a modern note, and are not too expensive. (Continued on page 74)

A suggestion for a table setting in green and silver is shown below. In this case the cloth is green and the table ornaments are silver, and white and green. It would be possible, of course, to use a white cloth with green glassware and green pottery. The food can be chosen and colored, to match



That room with the gas chandelier

Some suggestions for bringing it up to date

TYLER STEWART ROGERS

HOW many home owners have studied with delight the charming decorative schemes suggested by clever interior decorators so frequently published in current periodicals, and then have looked with dismay at the rooms they would like to rejuvenate! "The room with the gas chandelier" epitomizes many millions of rooms in homes that have gradually fallen behind the times. To be sure, the gas chandelier marks an era that closed nearly two decades ago, and there are many rooms that to-day need rejuvenation to be found in houses only ten or fifteen years old. Few people realize how much the gas chandelier influenced American architecture. It forced the use of high ceilings even for small rooms, because the chandelier had to be above the head-line and yet the jets had to be about two and a half feet below the ceiling to prevent its disfigurement with soot stains. Many rooms are difficult to redecorate attractively in the present mode merely because their ceilings are so high in proportion to the other dimensions.

And again, how many home owners have been inspired by attractive decorative schemes to adapt them to their own needs, only to be deterred by the lack of practical information as to the methods of accomplishing the desired results! The purpose of this article is to deal with the very practical aspects of rejuvenating and redecorating the out-of-date room that often appears so hopeless. Other articles to follow will take up some of the more complex problems of replanning and remodeling obsolete homes.

LET us picture the type of room which appears difficult to adapt to modern decorative treatments. It probably has a high ceiling, eight and a half to nine feet (or even more) from floor to the plaster line. It may be somewhat irregular in shape, its walls cut into by projecting partitions, or by a bay window unfortunately placed and out of proportion to the scale of the room. It probably has mid-Victorian woodwork, dark-stained or varnished in a color once called golden oak. It may be a Mission dining room with its Rathskeller plate rail and its wainscot of vertical strips of fumed oak interspersed with panels of heavily-molded wallpaper. It may not be so old as these word pictures connote; perhaps the room is merely an expression of the average carpenter-builder architecture of the present day; and yet there may be obvious need for a few relatively drastic changes to adapt it to the desired decorative treatment. Whatever the nature of the existing room, the methods employed in its rejuvenation are essentially the same. By taking up the elements one by one, this discussion should prove helpful in any undertaking of this nature.

The first step is to remove the unwanted details. All the old fixtures should be taken down and the gas line capped above the ceiling. Old paper should be scraped off, and

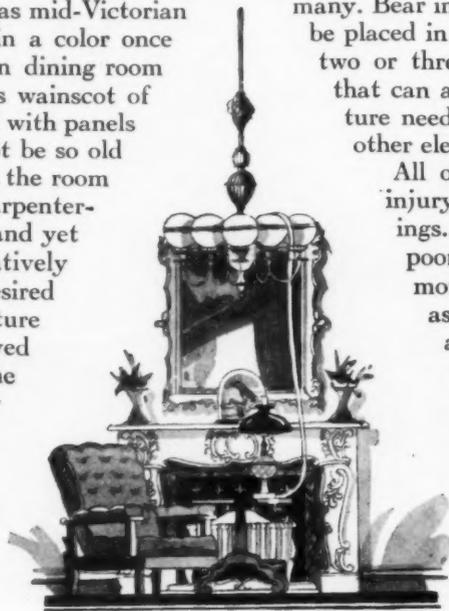
trim that is not to be used again completely removed. It is rarely possible to salvage much of the old woodwork or other decorative material. Not only is it completely outmoded but the labor required to put it in shape is usually as expensive as new material would be. All loose or damaged plaster should be torn down. This is the dusty and dirty part of the operation, and if the family can be away during the interim and all of the furniture stored under dust-proof covers in other rooms, it will be best for the owner's peace of mind. Incidentally, it is usually wise to give the workmen a free hand during the whole operation. Curious children, and equally curious adults, slow up the work and add to the cost. A vacation, or a visit with relatives, is in order during the renovation.

ANY structural changes required should be made at once. This will include straightening the walls, changing the position of doors and windows, reconstructing the fireplace or hearth, the relocation of radiators (or the construction of recesses for modern concealed radiation), and the completion of similar major alterations. Where these structural changes affect an adjacent room or the exterior walls, there will be need for a certain amount of extra patching or redecorating which must be planned as part of the project.

While the room is undergoing these major alterations, the wiring system should be modified to suit present-day requirements. Perhaps the ceiling fixture will be abandoned altogether and new outlets inserted in the walls for bracket lights. There will be convenience outlets to be inserted in the baseboards, switch controls to be relocated for maximum convenience, and it may even be possible to insert radio wiring. Now is the time, too, to arrange for new telephone outlets so as to avail yourself of modern telephone convenience. Several extensions in a small house are not too many. Bear in mind that electrical outlets to-day should be placed in every section of the baseboard more than two or three feet long. Any section of the wall space that can accommodate one or more pieces of furniture needs a convenience outlet for a lamp, or some other electrical device.

All of these changes will involve more or less injury to the existing plaster on walls and ceilings. Unless all of the old plaster is in such poor condition as to warrant complete removal, there will be some patching to be done as the next step in the operation. A certain amount of judgment is required in this matter, because extensive patching is just about as expensive as a complete, new plastering job. This is because the plasterer must use exceptional care and skill in matching the new work to the old, and must take pains to prevent the appearance of cracks where the two areas meet.

If the situation seems to favor completely new plastering work,



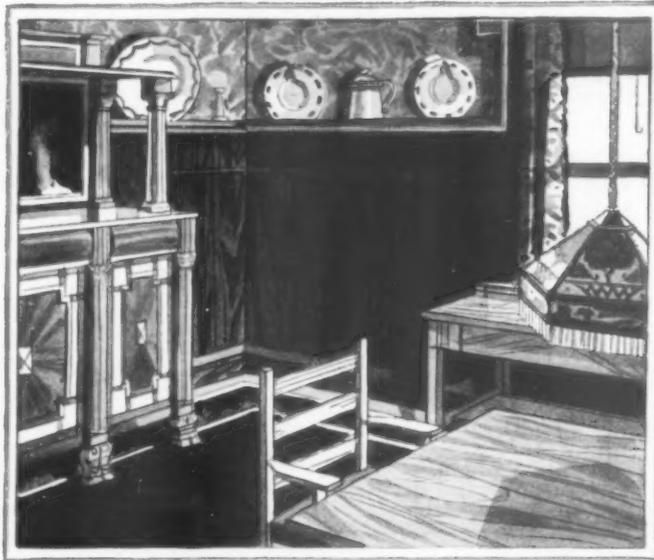
the owner should also consider the use of a new plaster base, removing the old wood lath unless it is in excellent condition and employing metal lath, the new fibrous-backed fabric, or an approved wallboard, the joints of which are covered with metal lath or wire mesh. Another advantage of removing all of the old plaster is the opportunity it affords for insulating the outside walls with some form of mineral wool, gypsum wall filler, or an approved insulating blanket or board. This work can also be done without removing all of the plaster by merely punching holes in the plaster between each stud and blowing the filler into the wall space under air pressure. The preferred method thus is to entirely replaster the room, unless the alterations are of such a minor nature that patching is reduced to a minimum.

However, there is another method entirely avoiding replastering and patching which involves the use of some one of the modern wallboards of decorative type that are made for application over old plaster. This material is manufactured in panels and sections of various patterns and sizes to give the effect of a relief ceiling or paneled walls. The

boards are nailed directly over the old plaster and are then painted and decorated in the usual manner.

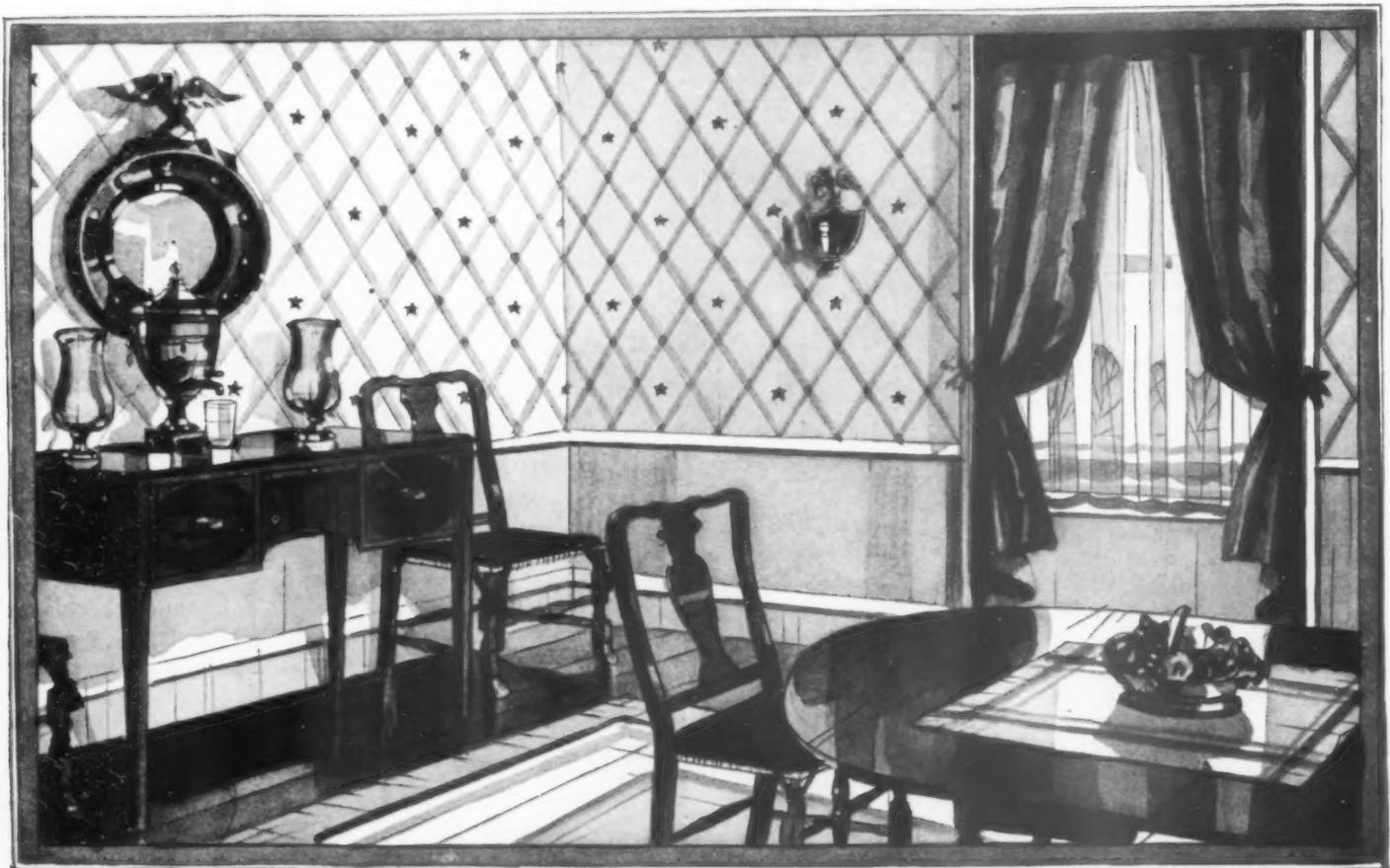
The existing trim usually presents an important problem. If it is of stained or varnished wood and the new decorative scheme calls for painted trim, the alternatives are either to remove the old finish entirely—a very tedious and difficult job—or to discard the old trim and apply new. It is difficult to get a satisfactory paint job over old varnished work, because unfortunately no chemist has yet discovered a material that will either remove varnish easily or prepare it to take a paint or enameled finish without subsequent cracking and peeling. If the trim is of poor design, the only cure is to replace it with modern stock patterns.

Perhaps the new decorative scheme requires the use of vertical pine paneling in the old Colonial manner, or the installation of a wood wainscot of more formal character. In such a case, it is seldom necessary to replaster under the areas where the wood planking or paneling is applied. Nailing strips can be cut into the old plaster walls and the plaster roughly patched against (Continued on page 64)



Need we explain that at the right is "before" and below is "after." The Rathskeller plate rail, the Mission furniture, the colored glass shade and the out-sized wainscot all belong to a sombre age that is past. Such rooms are, however, easily modernized and our artist offers a suggestion

If the wainscot is removed and cut down, or a correctly proportioned one substituted, and the walls are covered with one of those cleverly designed modern papers, the room will be a proper place to furnish and live in. Modern reproductions of antique furniture would go excellently in such a room as this



Convenient closets worth looking into

Boxes, ingenious fittings, and decorations that rival the spectrum

CLEMENTINE PADDLEFORD

THE bedroom closet has evolved from a mere hole in the wall to a room of first importance. Back in the era of stays and starched petticoats the clothes closet boasted only of size—a virtue which overshadowed both efficiency and cleanliness. Spiked with hooks these gapes in the wall were dungeons black filled with stale, heavy air—a happy hunting ground for moths and mice.

Now it isn't the size of a closet that counts so much as its furnishings. Even despised cubbyholes have been made to shelter complete wardrobes from shoes and hats to lingerie. Higher mathematics, or perhaps it is merely common sense, has taught the modern woman how to use every cubic inch of her closet space.

Closets no longer sulk behind closed doors. They smile with color. When the door is open the closet is a decorative feature of the room itself. There are some so lovely and so perfect in their orderly appointments that they have no door at all. And there are others whose merry color schemes are seen through panels of clear glass, with the glass door knobs echoing a note of the color scheme within.

Yes, closets are worth looking into these days, for decorators, designers, and inventors have turned their brains to creating all manner of contraptions and tricks for keeping clothes in order. They have provided a place for everything and, with everything in its place, closets need not blush under the flare of light that floods the interior when the door knob is turned.

The light is in the ceiling in most instances, and is switched on and off by the automatic switch on the door. A push button, just inside, isn't quite so convenient, but is a next best choice. If there is no electricity you may, at least, keep a powerful flashlight hung inside the closet door always ready to switch its rays into the darkest corner or depths of a storage box.

Before we start buying accessories let's consider the closet itself. Yours may be one of those pocket handkerchief squares, not big enough to put your foot into, let alone a whole wardrobe of clothes. Don't let that worry you—a little modern equipment and you have space where there was no space before; a can of paint and you have sunshine where sun can never penetrate; a few



Dressed in one of the new shelf edgings any closet can rise to heights of inner glory. (Courtesy, R. H. Macy & Co.)

yards of chintz, a few squares of patterned paper and you have captured cheer!

To brighten up the closet it is wise to start with the floor. Paint is an inexpensive way to give the needed color touch. Finished with a coat of colorless shellac you get a smooth waterproof surface which makes for easy work on cleaning day. If the floor is of a hard wood, the quick drying lacquers may be used successfully. In choosing the color, the floor covering of the room may serve as a guide.

One could write a thesis on color schemes and then leave much unsaid. So pick your colors to suit your own good taste just remembering that the closet should reflect the same color notes used in the room—whether in smaller or larger areas each decorator must decide for herself, but the merrier part of the spectrum usually scores.

One word more about the painted floor. Those who make a specialty of closet designing are using a stenciled border trim, either in a strong contrasting color, or plain black. The motif from the border is sometimes repeated in the built-in drawers and cabinet doors.

INLAID linoleum is a dust-tight covering and a true aristocrat in the decorator's eyes. Among the bedroom designs is every boudoir color, plain or in a variety of striking combinations. The smaller designs appear to best advantage in small space, though many of the large modernistic patterns are used effectively.

With the floor decked out in a coat of color, the walls demand their due. Paper or paint—but color there must be—plain white plaster, never! If the closet floor is painted, why not paper, particularly if the bedroom walls are plain? When the bedroom is papered the closet walls look best painted in a two-tone effect to match the colors in the paper's design. When paint is used it should be of an oil base, so it can't rub off.

There are closet papers with a waterproof finish that won't fade a spot when scrubbed with soap. There are, too, genteel wall coverings that can weather the years, as well as a frequent bath, since they wash clean like a china plate. This year the designs are as modern as one would dare to choose. There are some charming florals as well as a complete

line in plain, soft colors. One closet in a New York apartment has its walls covered with a glazed chintz to match the curtains in the room. The closet accessories are in plain chintz repeating the color emphasized in the fabric design.

The modern closet, like every other room in the house, has its own furniture. There are mirrors, cabinets, racks, holders, bags, and boxes. It is no easy matter to make a sane choice, but pocketbooks and space are limiting factors that temper one's good sense. A handy man can build much of this equipment right into the walls, and that is the best way by far to utilize every possible inch of space. The furniture you buy must be fitted together carefully.

OF SHELVES and drawers, surplus spells luxury. An overcrowded bedroom can do with one piece less in furniture if the closet provides adequate storage room for hose, shoes, hats, and lingerie. One or more sides of the closet may have a series of removable shelves where any number of odd things find a place. When a deep shelf is needed, just slip one or more shelf boards out and help yourself to extra room. One famous decorator uses removable glass shelves in the closets he designs, binding the edges with folded tape glued right to the glass.

In the man's closet sliding drawers for shirts and underwear are preferable to shelves. These are convenient, too, for lingerie, hose, and handkerchiefs. Closets too small or narrow to allow a side for shelves are most satisfactory with one or more hat shelves built directly over the clothes rod. Two or three floor drawers can then be fitted in and are easily accessible beneath the garment bags.

To protect open shelves from dust a store that specializes in model closet equipment offers a curtain protector of sunfast linen attached to a roller like any window shade. The material which has a moiré finish is treated to shed water and repel dirt, and may be (Continued on page 60,



Courtesy, Fred'k Loeser & Co.
This compact and well-planned closet is finished with one of the new papers that is very smart and contributes to the room decoration when the closet door is open



Courtesy, Fred'k Loeser & Co.
These tiny sheer curtains not only give an extra protection against dust, but add charm to the already daintily appointed closet

Where a room does double duty a closet can be used as a dressing cabinet. When the door is closed and the day-bed made up, one would not suspect that the room was used for sleeping purposes



The garden of perennials is the easiest way of having flowers in quantity, and practically all the plants may be set in the fall

Perennial blooms for your garden

From Crocus to Chrysanthemum

GRACE A. M. CLARK

THE gardener who wishes to economize in time will find the perennial garden a most satisfactory way out! It is the type of garden in which one does not have to plant seeds every year or to transplant oftener than every three or four years. As the clumps of perennials increase in size, they crowd out weeds and thus little weeding has to be done during the summer months. Early in the season, before annuals have time to grow into large enough plants to bear blooms, the perennials in the garden are perfect masses of color.

There are so many improved varieties of perennials that one has little excuse for not having a beautiful and up-to-date garden.

There are many flower societies that one may join, such as the American Gladiolus Society, The American Rose Society, The American Iris Society, The American Dahlia Society, and societies for Peonies, Delphiniums, and other special flowers, so there is no excuse for anyone who wants to be kept informed for not having the best and newest in all these lovely flowers. Each society prints *(Continued on page 88,*

Evolution of a rock garden-lily pool

Just piling up rocks will not be enough at all!

NAOMI SWETT-SOMMERS



TAKE all the boulders you can find," I told my son, "and cart them over to that old tree stump. After it's piled high with rocks throw some dirt over them. Then we'll have a rockery!"

Blind faith and colossal ignorance!

In some hazy way I imagined that a rock garden was composed of just rocks!

Under a scorching sun the little pink plant I stuck on top of the "rockery," lasted less than an hour. Dimly sensing that something was wrong I mournfully abandoned my "rock garden."

Later on, though, when gradually I delved into the study of rock gardening I learned, first of all, that there are three characteristic types of rock gardens—cliff gardens, wall gardens, and alpine gardens, and that each type requires certain natural conditions to thrive healthily.

The cliff type rockery, I discovered, needs a steep slope of some sort, more than three feet high, either across the front, side, or back of a city lot, or perhaps in the form of a little hill between neighboring lots of different levels.

And if the slope is very long, it should be relieved by one or more terraces provided with little flights of natural rock connecting stairs. The rock wall garden I found to be just what its name implies and requiring utmost skill of construction, since properly prepared soil must be put into it while it is being built. *(Continued on page 92)*

Four stages of development in a combination lily pool and rock garden. The not too conspicuous stones are set firmly and well embedded in the soil



Why have we overlooked the Hyacinths of late; the most fragrant of all bulb flowers?

Spring flowers from fall set bulbs

An easy and fascinating indulgence

CLARENCE F. BAKER



For growing indoors without soil Tazetta Narcissus and Hyacinths are best suited

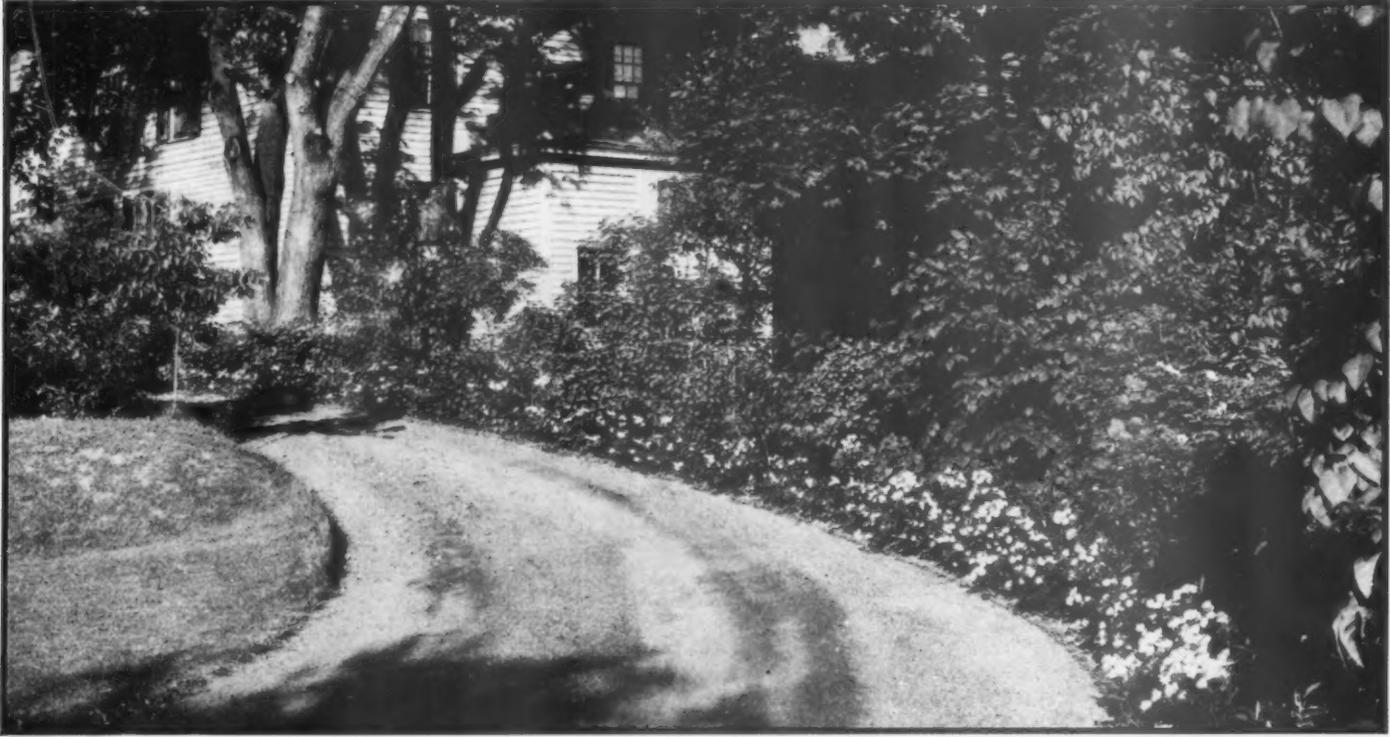


IT IS difficult to fail in the culture of spring blooming bulbs as the fragrance and beauty of foliage and flower are already stored within the ugly bulb when it is planted in the fall.

Give the bulbs a place to strike their roots to gain a foothold and secure moisture and they will do more than their share. Very simple operations only are necessary to encourage the flowers to develop their highest perfection. They may be grown out of doors in formal beds; in combinations with shrubbery or other flowers; naturalized in lawns; or forced indoors or in the greenhouse for winter bloom. Almost any color range may be secured and the many improved varieties of each species permits a wide selection of attractive color combinations.

In general most bulbs require about the same cultural treatment. They thrive best in a rich soil that is light in texture, well drained but not dry. In preparing the bed pulverize the soil deeply and thoroughly but do not bring the subsoil to the surface. Do not attempt to work the soil when it is wet and avoid the use of fresh manure. Bone meal, sheep manure, and well rotted stable manure are accepted fertilizers. Mix one of these (Continued on page 86)

Tulips offer the greatest color range and the longest season of bloom from the Earlies, bright and short, to the tall and pastel-colored late Darwins



Probably it is somewhat unusual to refer to a low continuous belt of some flowering shrub as a hedge. Here we have the Polyantha Rose La Marne, flowering all the summer long

Fall's the time to plant a hedge

And perhaps be unconventional in what you choose

LAURA M. BRAYTON

WHEN fall comes there is both leisure and inspiration to think of the work that may be done at this time and which will save the same number of hours in the spring when tasks are tumbling over each other to be accomplished. Fall is a good time to set deciduous trees, shrubs, etc., and to plant hedges, a pleasing adjunct to any garden, house, or grounds, as you will realize when winter comes. The hedge will be a permanent resident and must have food. Therefore, prepare your ground thoroughly. Be sure also to set the plants in straight lines. Take some pains to do this as neatness adds considerably to the ultimate result.

There is too much monotony in hedges. We have two Rose hedges which are very successful. One, a very low hedge along the driveway, is the Baby Rambler La Marne, with flowers a pretty shade of light pink. As it proves to be extremely good here in central New York, I think it would be excellent wherever a low hedge is desired. The other Rose hedge is a white flower and is a picture indeed when in bloom. This hedge is over forty years old, and I believe is the old time hardy Seven Sisters. It requires no protection in winter and bears masses of sprays of fragrant pure white rather thin petaled flowers in June. After its blossoms are spent we trim it rather formally and it is decorative during the remainder of the summer. I have read of a hedge of Gruss an Teplitz, and it should make a glorious hedge with its clusters of velvety crimson flowers.

Another floriferous hedge here (also about forty years old) is the Japanese Quince (*Cydonia japonica*) having flowers of brilliant scarlet with conspicuous yellow stamens appearing early in the spring. This hedge has inch-long thorns to its advantage, and the person or animal is brave indeed that attempts to penetrate a well grown por-

tion of it. It may be trimmed to quite formal shape if desired.

Our hedge of Honey Locust which has attained good size in about four years is a great favorite with me. It also is thorny and grows very compactly, forming a fine formal hedge for our cold climate. We have it around one special section of garden and it is very effective. Its foliage is splendid when used with Sweet-peas or other flowers as it rivals the Maidenhair Fern for beauty. Near-by there was a Honey Locust hedge exceedingly old, probably more than fifty years. The lower part was very stalky and bare. It seemed as though it would be more advisable to plant something in front of it, rather than cut it back to the ground. However, it was cut back and now, the second year after, the hedge is more beautiful than ever, compact and healthy. Some of the hardier Privets do survive our winters, but the hedge perfection of Long Island is not for us.

JAPAN Barberry (*Berberis thunbergii*) is a fair substitute for California Privet where that is not hardy, as it can be grown to a fair height; and there is also a charming dwarf variety, the Box Barberry, that can be very useful around small beds as our grandmothers used Box or in many other ways. It has been said that this worthy subject has been used too much. But surely it makes a splendid hedge and who would be the one to go without it? These are but mere suggestions of plants actually tried—but there are dozens of others, Holly, Spruce, Hemlock, among evergreens, and Spirea, Beech, Hornbeam, and some Cotoneasters that may be worth your trial if you want something different, yet good. But, by all means, plant a hedge to enclose your garden.

New 1931 Sterling by Gorham

"THE HUNT CLUB" ..

Being used by Masters
of Four Famous Hunts

*Middleburg
Norfolk
Harford
Onwentsia*

Also being bought by some of the
smartest women in America for both
town and country homes

THE BRILLIANCE and elegance of the
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M. F. H. of Harford, are now using the "Hunt
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This extremely smart and sophisticated
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is not expensive. A complete



*The Middleburg Hunt rides over beautiful Virginia
hunting country. Daniel C. Sands, Esq., is M. F. H.*

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this coupon to The Gorham Company, Providence,
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Address _____



*(Left) The genius of Gorham artists
is also seen in this distinguished
modern Hunt Cup, designed as one
of the trophies for the Middleburg
Hunt race meet held in the spring.*



*(Above) Dessert knife, dessert fork, and teaspoon,
in the brilliant new "Hunt Club" pattern—a sterling
as effortlessly elegant as the Hunt Breakfast itself.*

GORHAM

Making the garden for moonlight

Some white flowers add beauty and interest

LAURA HAMMERSLEY

WE SEE some part, at least, of a garden at night-time, and although it must ever be that the plantings will be designed in general for their daylight glory, yet something may be said for definitely thinking of the moonlight scene in some intimate corner. Such a spot must not be unattractive by day, of course; but planned so that it is equally enchanting by moonlight. For this dual purpose, shrubs or vines and herbaceous plants that bear white flowers which will glow in the moonlight must be relied upon and, if it is to be especially alluring, have also some blossoms that are fragrant, white Lilacs starting the season. Large flowers are more effective than small ones although if the individual small flower be massed into large heads as with the Peegee Hydrangea or even the white Phloxes, like Miss Lingard or Tapis Blanc, you will get the same effect as though it were one large flower. Some people take exception to any small flower but white flowers, even though small, lend a sparkle and brilliancy to the green background of foliage that surely justifies their use for the garden to be seen by nightlight.

Both perennials and annuals may be used. Among the hardy plants which look well by night are the Anemone japonica, and the Korean Chrysanthemum, as well as the old favorite, Shasta Daisy. A mass of the white Anemones is very pretty and blooms profusely while the Daisies, if seed pods are removed, flower all summer and the Chrysanthemums bloom in the fall as do Michaelmas Daisies. If you care to plant white Dahlias, they also will flower from late August till frost. As none of these flowers is fragrant, a few annual white Nicotiana if planted here and there will give the desired perfume. I have used the white Moonflower (*Ipomea bona-nox*) as a splendid climbing vine with great success to cover arbors. The new crossbred seed and the white-seeded type certainly flower freely and grow marvelously strong for annuals. Unless started in boxes early in spring, it is better to buy the plants from a florist. The perfume of these Moonflowers is delightful and they also attract the large and beautiful night moths.

IF YOU graduate your flowers, starting with high shrubbery at the back and so on down, you can finally border them with a fringe of Sweet Alyssum that makes a white ribbon winding along the path. White Phlox in clumps is quite conspicuous at night. They are pretty with the annual blue-edged African Daisy (*Arctotis grandis*), especially if outlined by a background of evergreens. This milk-white flower closes up as soon as the sun passes, but fits well with the general picture. Junipers are stately and their seeds always make this garden spot a birds' feeding ground. The white fluffy hardy Japan Clematis (*C. paniculata*) that blooms in September is splendid to cover a fence or trellis and I know of no other white flowered perennial whose fragrance is more exquisite. Having an objective in collecting plants for the garden adds considerable zest and a hunt for albino varieties of popular and usually colored favorites will develop some fascinating acquaintances. There is the white *Agrostemma*, for instance, and the white Forget-me-nots and Florentine, Spanish, and Siberian Irises.

Another group of flowers stately and ever fragrant is offered in some of the Lilies. The Regal Lily naturalizes

well, and is so picturesque at night. It bears flowers of huge proportions which do equally well in an herbaceous border or placed with any dark leaved shrubs. I find they thrive best in a well-drained and fertilized soil. Mine have multiplied. For a little earlier in the season there is the old-fashioned Madonna Lily.

To give this garden a truly old-world look, you can put in a white bird bath—either a marble one or, if too costly, a white cement one will suffice, and if a really entrancing effect is desired, it may be appropriate to add a statue whose snowy grace will stand out in the moonlight, and help invoke the mystery and charm of all great beauty.



Absence of actual color so that the cool white light of the moon is luminously reflected makes white Lilies and such flowers effective in the garden at night



Many such Kittinger pieces are charmingly inexpensive. They become heirlooms.

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KITTINGER
Distinctive Furniture

Say it with your own grown flowers

A practical work-a-day scheme for the ordinary plot

ROMAINE B. WARE

THOUGH flowers for cutting, great quantities of them, are desired by most of us, still there is a reluctance to cut freely from our own garden borders. To cut liberally from the picture garden as our needs demand would spoil its decorative effect. The ultimate solution is to have a section or garden devoted to flowers planted just for cutting. This should be not a collection of left-overs, the surplus from other parts of the yard, but a carefully selected lot of varieties, chosen for their value as cut flowers.

This is not a new idea, but seldom is it considered sufficiently. The location should be apart from the rest of the yard, separated by a division of some kind—a hedge or a vine-covered fence. Not that a cutting garden is necessarily unattractive, though many of them are. They must be efficient too—arranged conveniently for working in with the least effort and provide easy means of access to all parts. There should be some kind of a shelter in connection with a cutting garden where the blooms may be trimmed up, surplus foliage removed, and such work done without carrying the dirt into the house.

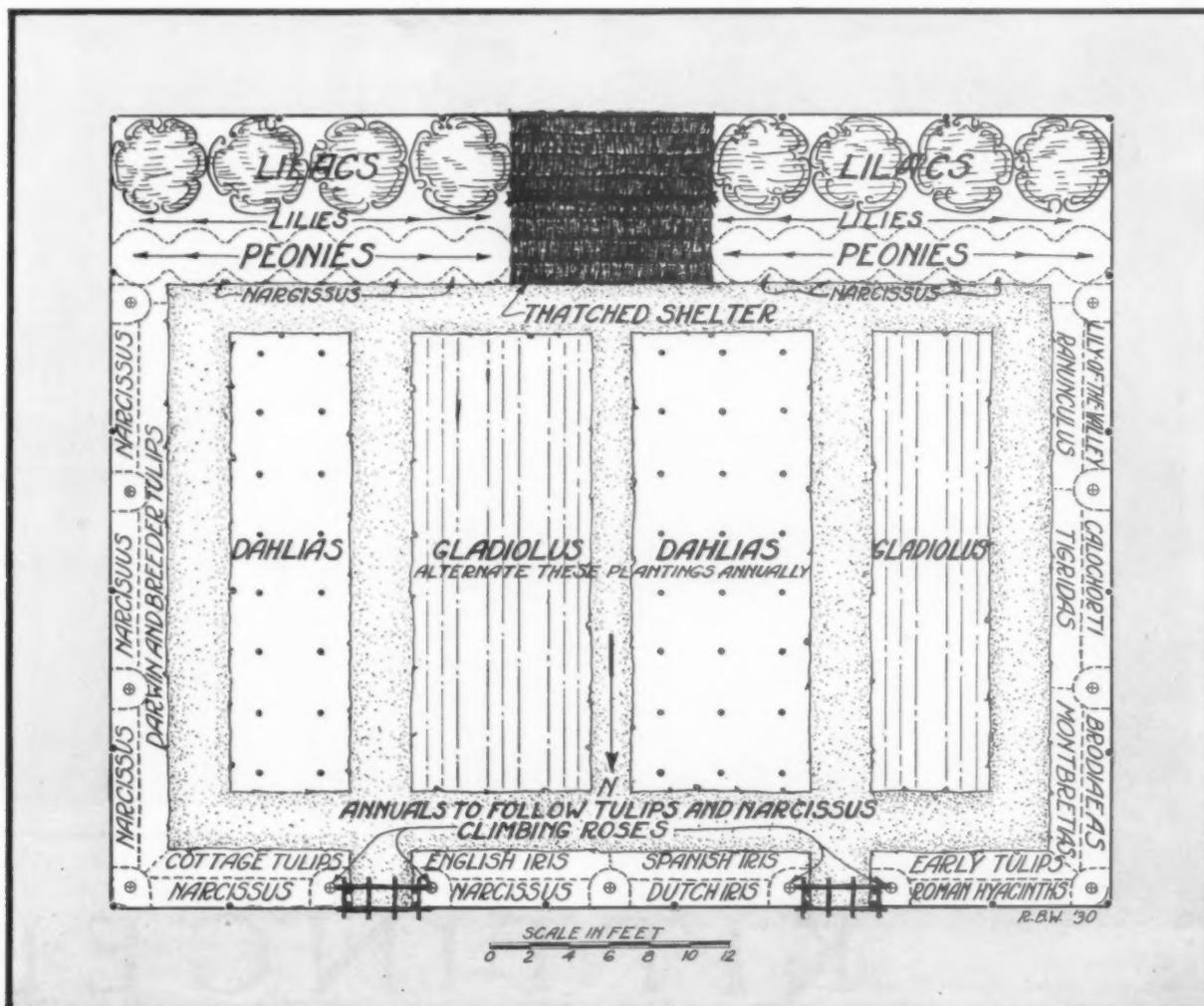
There is an almost unlimited choice of plant material that may be included in a cutting garden. One's personal taste will have much to do with this though there are several other factors. The season of the year during which the cut flowers are most needed is important. A successful cutting

garden to provide bloom right through the season means very careful planning.

The bulbs are most important for cutting and these, even more than the average run of perennials, we dislike to cut from our borders as few of them produce more than one stalk of bloom, unlike Delphinium which will produce a second and third crop of bloom after the first is cut. Gladiolus, probably the most important of cutting flowers produced from bulbs, likewise provides but the one cutting. This should be kept in mind when planning. But a cut-flower garden made up largely of bulbous plants would be an ideal arrangement and the plan given herewith is made with that thought in mind.

THE layout naturally divides itself into two parts, the outer line of beds all around the garden and the four larger beds in the center. This particular plan is made to accommodate the varieties herein suggested and the shape and proportions of the various parts have that in mind also. The three-foot borders around three sides are of ample width to accommodate the material shown, and they are not too wide for cutting to be done without stepping within them.

A cutting garden can be of almost any size; this one is planned to occupy a space at the rear (Continued on page 104)





Ladies-in-waiting to Queen Elizabeth *Embroidered Proud Designs which Orinoka now Weaves* *in Colorfast Draperies*

TRAVELERS to the Orient brought back descriptions of amazing fabrics they had seen, and Elizabeth, quick to appreciate beauty, fostered the home development of needlework and weaving. Under her royal patronage, both cottage and castle in England bloomed with the fascinating fabrics for which the Jacobean still are famous.

Now, Orinoka gives you these same magnificent colors and designs, adapted to your modern home. Across the recessed windows of an oak-paneled early-English room are hung curtains of Jacobean Frou-Frou, that gorgeous floral pattern so characteristic of the period. Heraldic chenille, with an historic armorial device, covers a panel of the wall; while for upholstering, rich tapestry in antique effect, a durable radiant cord, and a cut velour are chosen in colors to compose attractively.

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Old English Wax

PASTE OR LIQUID POLISH



Along with the other forms of American pottery, tableware has assumed new and attractive colors that add greatly to the cheerful note of the luncheon or dinner table

Pottery that pleases

Continued from page 25

seems to drip over the other. One interesting example is the "Copper-tone" glaze whose dull green surface with dark metallic flecks, combined with shapes which look like hand work, suggests a treasure recovered after centuries of burial.

American potters on the whole are seeking to attain beauty by line, color, and glaze, and it is doubtful whether a definite *genre* in decoration will be developed, such as is found in the pottery districts of Europe. Quimper ware, Italian Majolica, Spanish ware, and others which are well known because they are so easily recognized, owe their definite character to hand decoration of a delightful naïveté, executed for the most part by peasant artists according to designs handed down for generations. On this continent, however, lack of such a tradition and high costs of labor make a wholesale use of hand work impossible. Only on some of the better decorative pieces, we find finely executed under-glaze painting, designs usually tending to the rather simple types which have always seemed best suited to the ornamentation of pottery. Some of the most interesting use rich glazes over relief modeling.

The shapes of vase forms and bowls vary greatly in the source of their inspiration. Some of the best are direct and meticulous copies of Greek and Roman originals whose perfect proportions are so well suited to ceramic work that they cannot be improved. Others adapt antique forms to modern uses, making wide mouthed pieces practical for holding our long stemmed foliage and flowers. The majority, however, are original creations of an individual artist, and among these some of the best use simple, rhythmical designs which show the influence of the best in the modernist movement.

The gracious lines and fine colorings of good pottery are invaluable details in furnishing and decoration, and we are fortunate in having many lovely pieces available at a low price just when we are more than ever

conscious of their place in the arrangement of our rooms. Ages ago a beautiful vase was a treasure which only a prince might have; to-day small pieces of excellent workmanship are priced as low as \$1.00, and larger American-made pieces are so inexpensive that for \$10.00 one may have a jar lovely enough to be treasured as an heirloom. There is great variety in vases and bowls, but in general they are designed to suit our modern rooms, making interesting notes of color, or pulling together the various shades of rugs, walls, and draperies. In smaller pieces there has lately been a use of fluted forms which suggest a conventionalized fruit or seed pod, the idea being further carried out by a rich mat glaze in deep orange and red tones. In more familiar shapes many streaming glaze effects are used.

There is considerable resemblance between European and domestic dinnerware, due to the fact that some of our manufacturers have obtained control of famous patterns, with the result that styles range from conservative old English patterns to the modernistic. Many other patterns are founded on research in museums and historical collections, a single piece sometimes furnishing the basis for a whole dinner set. The newest designs at present vary from quaint pictorial ware reminiscent of grandmother's china to the simplified type shown in our photograph with a single motif of decoration and border of metallic banding. Some of the best of these cost as little as \$9.94 for a thirty-two piece luncheon set.

A charming and original type of tableware has recently appeared which is inexpensive and well suited to informal use. Its interest lies in the glaze, one variation suggesting old hand-baked pottery, another the texture of leather, the skin of a fruit, or the soft lustre of some old Chinese museum piece. Solid colors—mellow green, brown, and a dull rose are used, and the only decoration is the simplest plastic work around the handles. This (Continued on page 52)

Are You Proud of Your Table?









Priscilla Alden Tuscany Governor Dummer John Alden Westworth Navarre John Adams



John Alden Dinner Table Setting

Fastidious hostesses can now buy smart John Alden or any of the other beautiful Watson Sterling Table Silver designs at remarkable new lower prices. Write us for information on the patterns that will harmonize best with the decorative scheme of your dining room.

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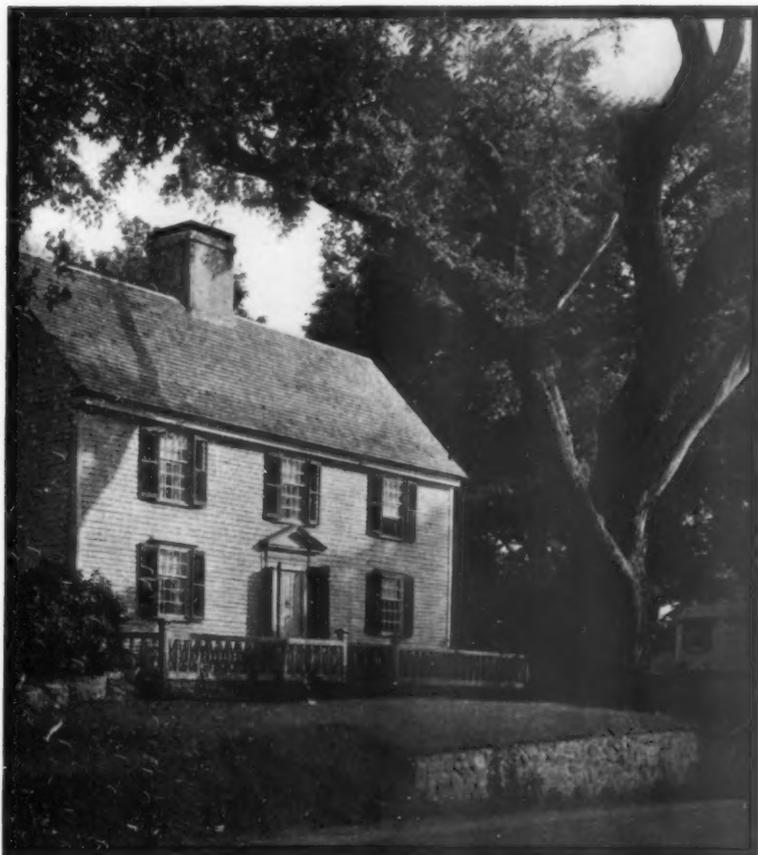
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The Ezra Griswold House, Guilford, Conn., built of White Pine in 1760, and standing today

THERE is quiet here, and peace . . . the peace of things old and well-beloved. Trees that dapple the dusty road with shadows . . . the road, over which have passed the feet of generations. And softly enveloped in the calm of the countryside, rests the old house—a home for generations.

If you were to walk down the elm-lined paths of a New England town, you would find other of these charming places. . . Homes built when the country was finding itself . . . homes constructed by craftsmen who knew their work as few men have ever known it. It is not surprising to discover that almost all of these early dwellings were built of White Pine.

Today genuine White Pine may be selected for your own home. Idaho (genuine) White Pine is nature's finest building lumber. Soft in texture, with a straight and delicately figured grain, it is easily worked. Paints, enamels, oils . . . whatever the treatment . . . provide a surface smooth with the sheen of satin, even and flat. And in spite of rain, and storm and cold, Idaho White Pine retains its luster, weathering with a beauty few other woods approach.

Perhaps you are planning to remodel . . . to add a sun-parlor . . . panel the dining-room in pine . . . install book-shelves in the study . . . to do over the home completely. Whatever the work, whatever the architectural type of your house, Idaho White Pine as a building material cannot be excelled. . . . Because of its low density cell structure, Idaho White Pine is a natural insulator.

The trade-mark, imprinted on Idaho White Pine, is your conclusive assurance that the wood is genuine. There is a difference. If you inform your architect or builder that you would like to use Idaho White Pine, he will see that your wishes are carried out. Western Pine Manufacturers Association, Portland, Oregon.

(GENUINE)
IDAHO WHITE PINE



This trade-mark is imprinted on Idaho White Pine at the mills—and is a definite protection for home owner, builder, architect and lumber dealer.

Pottery that pleases

Continued from page 50

ware is so good looking that no one could suspect from its appearance that a twenty-two piece tea set costs only \$3.95.

Nor have humbler utility pieces been neglected in the application of pleasing color and design. Pottery flowerpots and their matching saucers are made in the simplest and most logical of shapes, and some have horizontal ribbing which suggests thirteenth-century Chinese gallipots with the grooves of the turning showing. Their colors—mottled, shaded, or solid—are so clear, so warm and mellow that these pieces which cost from twenty-nine cents up are a decoration in themselves, even without the plants for which they are made.

Kitchen pieces have called forth special ingenuity of late—even the heatproof wares have dropped their former dull brown and bottle-green to bloom in gay colors, while other sturdy jugs, bowls, and plates of American make have taken on attractive shapes and coloring which a short time ago could be found only in high priced imports. Yet, with the practical American housewife in mind, the potter has by no means sacrificed durability to smartness, and the gay pieces are just as strong as their more prosaic ancestors.

America is a garden-loving nation,

and one of the distinctive triumphs of her potteries is the production of garden pieces. For the garden of formal French style there are dignified urns, flower pots, benches, and other such pieces. Even the smallest garden needs a sundial, and there are well-designed models in pottery from \$25.00 up. Most attractive of all are the oil jars, made in great variety of sizes and prices, which may be placed beside a flight of steps, on a porch or in an otherwise bare garden corner. Some of these jars are examples of the greatest beauty in design—and no wonder, for they are made from casts taken directly from beautiful antique originals. These pieces are usually in stony gray or terra cotta shades, and their composition has been carefully calculated to withstand our weather.

Although in most works the pressure of demand has made mass production necessary, it must be remembered that pottery is one of the few mediums in which the original artist is never entirely lost. Even for pieces which are turned out by thousands a first mould was created with pride and care. Those who sigh for the artist potter must remember that modern conditions give us fine pottery at a low price, produced with such scientific accuracy in composition and firing that even the smallest pipkin is assured strength and finish.

Efficiency spells economy

Continued from page 52

Similarly, as we determine by test which toasters actually toast and which merely burn, we may make certain that table-stoves, grills and hot-plates are really capable of serving the purpose for which they are intended, namely: to furnish enough heat to raise water at least to its boiling point. Strange as it may appear, there are table-stoves which will either fail to do this, or will take such a considerable length of time as to make them impracticable.

And before purchasing any type of electrical appliance where we are not certain of the maker's name and reputation, let us consider the important matter of insulation. Are the electrical connections underneath appliances, such as toasters and table-grills, protected or covered so that we cannot make contact with them when the current is on? Sometimes a fork or a knife is pushed under the appliance and a short circuit results. The insulation of the heating element should be carefully examined too. We should be sure to observe that the insulation material be of such nature and thickness as to prevent any possibility of the heating element ever coming in contact with the shell or framework of the appliance. Care should also be taken that the insulation around the terminal studs—over which the plug of the cord fits—is adequate. The insulated space between each stud and the shell should be at least $\frac{1}{8}$ inch. Some devices have a porcelain (or other insulating material) boss projecting through the shell which provides an insulated space of $\frac{1}{4}$ inch or more. If the cord is permanently attached to

the appliance, as in the case of traveling irons, water-heaters, curling irons and the like, it is important that there be no sharp edges to produce friction where the cord enters the device.

Incidentally, when considering toasters and table-stoves, accessibility of the lower parts is sometimes important from the standpoint of ease in cleaning. The element, naturally, should be readily replaceable if necessary. This is especially true in the case of radiant heaters, and it should be ascertained if new elements are easily procurable.

Too much should not be expected of radiant or "bowl" heaters, since these devices are not intended for heating a room but merely for throwing a concentrated beam of heat in a definite direction. In general, larger reflectors have the ability to concentrate the beam more effectively than smaller ones. To facilitate directional control, an adjustable joint should be provided between the bowl and the base.

While among the displays of brightly polished electrical devices, our thoughts naturally would turn to the question of plating; but this feature is important, however, chiefly from an aesthetic standpoint. In the case of irons, we could secure good results from a sole plate of black iron, except, of course, that we should have to give it constant attention to avoid rusting. The higher priced appliances are often plated with chromium. The chief difference between this plating and nickel plating is the fact that chromium, it is claimed, will never tarnish.



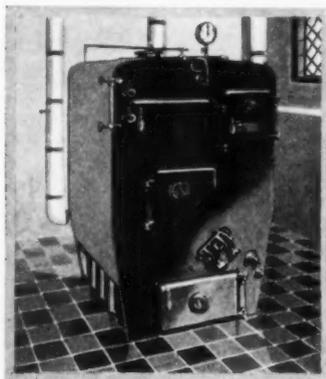
The sign of welcome to those who want automatic heat at a lower cost

Every year more homes—both new and old—display the sign that says: "A Spencer Magazine Feed Heater is being installed here." Unlike the forced economy of faded paint and shabby shingles, it is a sign of economy that any home owner can be proud of. The Spencer gives automatic heat, but with a saving large enough to pay most of the repair and maintenance costs of the home.

The reason for this is because the Spencer is a magazine feed boiler. Instead of flat grates that must be fed by hand, the Spencer has sloping Gable-Grates, fed automatically by gravity, from a storage magazine for fuel. Because of this, the Spencer can and does use, efficiently, No. 1 Buckwheat anthracite, and small size by-product coke, without the use of motors, blowers or other mechanical parts.

These small size fuels are low in cost because flat grate heaters will not burn them satisfactorily. No. 1 Buckwheat anthracite costs about half as much as the larger sizes—and the Spencer saves all this difference in price.

Besides its saving, the Spencer provides unusual convenience. Its magazine holds a twenty-four



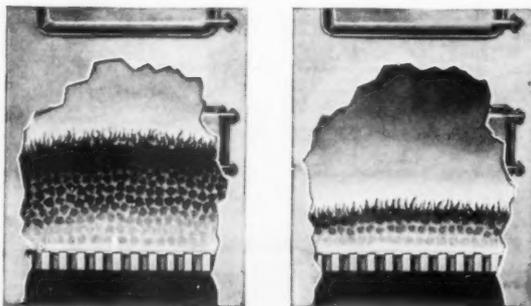
Illustrated is the Spencer Magazine Feed Heater for the home of average size. Spencer Heaters for steam, vapor, or hot-water systems, are made in cast iron sectional and steel tubular types, for any size home or building. Sold and installed by all responsible heating contractors.

hour supply of fuel.* It never requires attention during the day by women in the home. It keeps the bath rooms, halls and down stairs rooms warm both day and night—while your own bed room begins to warm up the moment the window is closed, to give you comfortable heat to dress in, without a trip down to the cellar to "get up steam."

Write for the Spencer book, "The Fire That Burns Up-hill." It explains the Spencer operating principle in detail. SPENCER HEATER COMPANY, WILLIAMSPORT, PA. (Division of Lycoming Manufacturing Company.)

*Everybody knows that ordinary heaters require refueling frequently as the fire burns to ash. With a Spencer, fuel is put only once a day into the magazine—illustrated below at (A). Fuel covers the grate to a sloping level controlled by the magazine mouth (B). The fire bed stays at the level shown at (C), for as fuel burns it shrinks to ash (D) and settles on the Gable-Grate (E). As the fire bed shrinks, more fuel feeds down automatically from the magazine, which holds enough fuel to feed the fire for as long as 24 hours, with only one shaking of the grates.

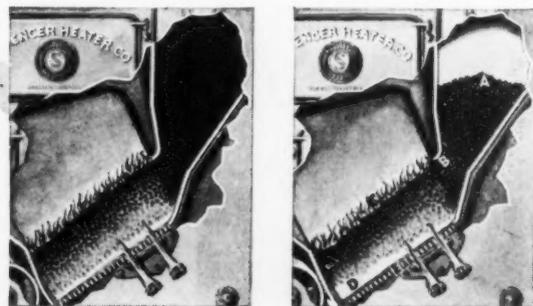
FLAT GRATE HEATER
Showing how burning fuel shrinks away to ash—heater must again be refueled



FIRE BURNS UPHILL . . . FUEL ROLLS DOWN . . .

SPENCER
Magazine Feed
HEATERS
for steam, vapor or hot water

SPENCER MAGAZINE FEED HEATER
The shrinkage of burning fuel lets more fuel feed automatically from the magazine.*





A very pleasant meal . . . but a shadow hangs over it!

MANY a pleasant meal is spoiled, night after night, for the woman who should be enjoying it! While she eats her dessert she's thinking of that pile of greasy dishes waiting for her in the kitchen. Oh, if only they would wash themselves! THEY DO . . . in a Walker.

With no fuss, no bother, dishes are washed, rinsed and dried. And what's more, when the dishes are done, the Walker is ready to close down for the night, too. It requires no cleaning itself.

This daily comfort means so much to a woman. But, perhaps even dearer to her heart than her own comfort, is her family's well-being. If every woman could know all the facts about hand-washed dishes, if she could see with a microscopic eye the dangers that lurk in her dishrag, no home would be without its Walker.

Health authorities are extremely fussy about dishwashing in restaurants. Would your kitchen pass their test? Have a Walker and be sure every dish on your table is safely free from germs. The coupon will bring you further facts.

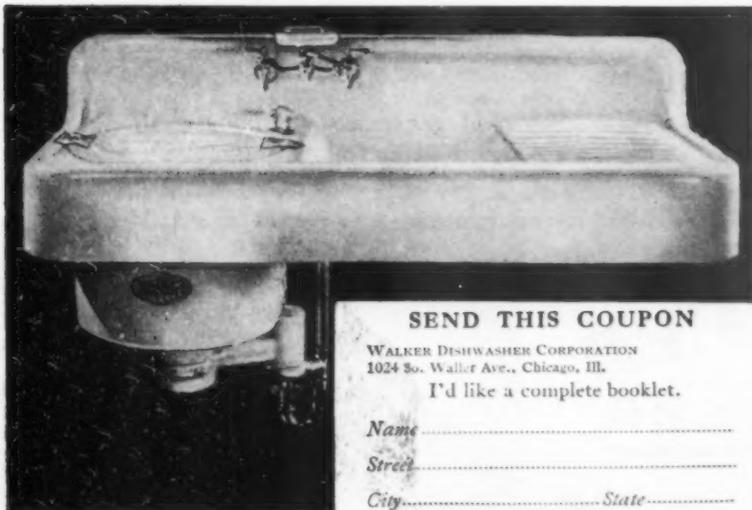
Self-cleaning, simple and safe for china. Washes, rinses and dries—quickly, easily. Perfected after many years of development—has many exclusive advantages.

WALKER ELECTRIC DISHWASHERS

Sink and Cabinet Models

Approved by Good Housekeeping Institute

OPEN TERRITORY IS AVAILABLE TO A FEW PROGRESSIVE REPRESENTATIVES



SEND THIS COUPON

WALKER DISHWASHER CORPORATION
1024 So. Wacker Ave., Chicago, Ill.

I'd like a complete booklet.

Name.....
Street.....
City..... State.....

AH-10

A landscape plan for a southern house

Continued from page 28

White Pine shown in the plan on page 28 and the other two White Pines are omitted since the Cedar will have a greater spread. Under the Cedar is a Flowering Dogwood, marked "5".

TREES AND SHRUBS

1. Lebanon Cedar
2. Tree Boxwood
3. American Holly
4. Southern Magnolia
5. Fig
6. Apricot
7. American Elm
8. Glossy Abelia
9. Glossy Privet
10. Dwarf Boxwood
11. Laburnum
12. Common Crape-myrtle
13. Gooseberries
14. Winter Honeysuckle

VINES

15. Virginshower Clematis
16. Creeping Fig
17. Canby Pachistima (Ground Cover)
18. Same as 16

19. Maréchal Niel Rose (on house)
19. Carolina Jessamine
20. Pot Herbs

PERENNIALS

21. Butterflybush (one plant in each space)
22. Miss Melish Sunflower
23. Same as 21
24. Lavender Phlox, Antonin Mercier
25. Newport Pink Sweet William
26. Hybrid Delphinium
27. Bollonia
28. Bollonia
29. Madonna Lily
30. Lemon-yellow Snapdragon
31. Baby Breath and English Iris
32. Confederate Jasmine
33. English Primrose
34. Dwarf Box hedge, 6-inch

ANNUALS

24. Yellow Primulinus Gladiolus
25. Orange Zinnia
30. Lemon yellow Snapdragon
35. Old fashioned Heliotrope

A small house by a famous architect

Continued from page 26

chamber, as the axis of his design. He has placed the house about forty feet back from the street and set two tall elms to guard the front. The lot is 75 feet wide by 150 feet deep. He has created a most effective landscape composition in the rear of the house. Looking from the living room, dining room or master's room, one has a pleasant vista of a long, smooth lawn bordered by flowers and terminated by a simply designed brick wall with a little pool as a terminus. The background is a screen planting to insure privacy, and trees to add interest.

The landscape architect drew up two planting schemes: one for the house if built in the south; one for a northern site. The lists of planting plans begin on page 28.

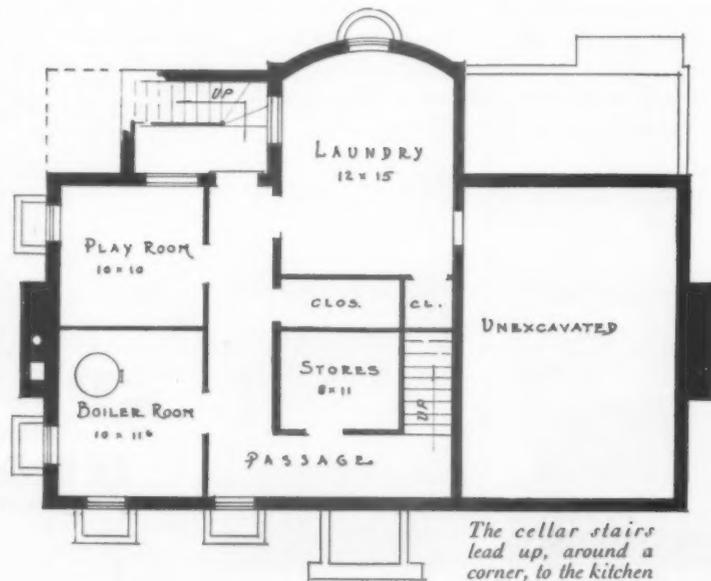
In landscaping a small estate, it is not necessary to do it all at once. The work may be planned as follows: first, plant the trees; second, seed the lawn and plant around the house; third, put in the boundary planting; fourth, prepare the soil in herb and flower gardens; fifth, plant the flower garden; sixth, add the decorative touches such as the pool and the walk.

The architect suggests the following specifications for the house. The walls should be of red brick, prefer-

ably hand made "southern colonials." These would be red and orange with some blacks and they should be laid up in the Flemish bond, that is, each course should be laid with alternating headers and stretchers. The thickness suggested is 12 inches, allowing 4 inches for the brick veneer and six for the studs. This will afford space under the windows for radiator enclosures. The basement wall should be of concrete, twelve inches thick.

White pine is specified for the exterior and interior woodwork. On the exterior this should be painted an ivory white. The shutters may be white on the first floor and green on the second, or they may be green throughout. On the garden side of the house the second floor is shingled. This should be painted ivory white, as should the balustrades and the sides of the dormers.

The roof is of slate, preferably a warm gray slate which will add interest to the pinkish brick walls. Stone, possibly limestone, may be used for the entrance steps and blocks of it may be used to decorate the arches on the porch as shown in the drawing. The entrance pathway and the floor of the porch may be either flagstones or bricks.



The cellar stairs lead up, around a corner, to the kitchen

"Sleep under the North Star"



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Sizes—(Single and double) from smallest crib, 32"x42", to extra large, 90"x108".

Colors—Loveliest of the pastels, duotones, two tones, plaids and solids.

Whites—The whitest of whites, plain or bordered.

Purity—Absolute, both as to wool and dyes.

Weights—All, from lightest summer to heaviest winter.

How to Buy—Insist on blankets with North Star Label.



North Star Woolen
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Minneapolis,
Minnesota.
Dept. A-4

Please forward, post prepaid, copy of your new North Star Blanket Catalogue in Full Color.

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STREET

CITY

STATE

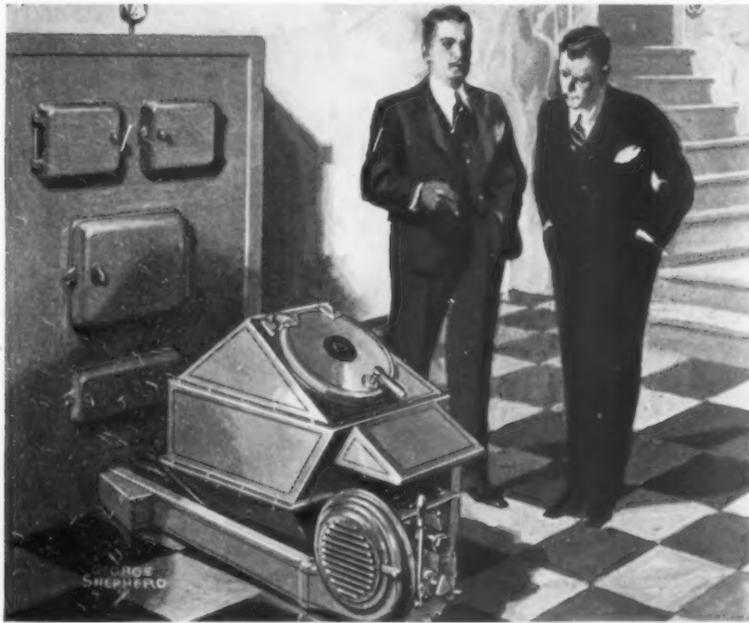
IF you are sensitive to the appeal of beauty, you'll get a big thrill out of North Star Blankets; for their glowing colors, from field and sky, reveal a new loveliness in tones born of flower petals, dawns, sunsets, and moonlight golds.

If you are also practical, you'll respond

instantly to the perfection of the high craftsmanship that declares itself in the weave, in nap, in finish, in lustrous pure silk bindings, and in an immediate impression of a cleanliness beyond price—a sense of the utter fitness of these blankets to your most personal needs.

NORTH STAR PUREST WOOL *Blankets*

"Here is a great Fireman"



"IRON FIREMAN lets me enjoy my evenings at home . . . no more jumping up to feed a hungry fire"

"Bill, this home is a different place since we installed an Iron Fireman. You wonder why we're so enthusiastic about it? Here's why:

(1) "It saves money. They showed me a survey of Iron Fireman owners reporting yearly fuel savings of 45.61 per cent and my experience is right in line with theirs. My fuel bill is about \$90 a year less.

(2) "It works automatically. I fill the hopper and lift out some ashes occasionally and that's all. We're rid of the old job of coming down here several times, day and night, to feed the fire.

(3) "It supplies uniform heat no matter how the weather changes outside. When the house gets below seventy degrees the thermostat starts the Iron Fireman and when it gets above seventy degrees the thermostat stops it.

(4) "We have a warm house when we get up in the morning. That early morning nuisance of building a fire is ended. Set the thermostat

for six o'clock and at seven the family gets up and dresses in comfort.

(5) "It is absolutely safe. We know that coal is the best and safest fuel we can buy."

Write for complete information on the advantages of automatic coal heating, or get in touch with the Iron Fireman dealer. He will be glad to check over your heating system and submit a report on what Iron Fireman can do to give you better heat for less money. Iron Fireman Manufacturing Company, Portland, Oregon. Branches: Cleveland, St. Louis, Chicago. Subsidiaries: New York, Milwaukee. Dealers in principal cities.



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IRON FIREMAN
AUTOMATIC COAL BURNER



. . . the machine that made coal an automatic fuel



The "South Room" has a cream wallpaper and curtains of red-figured glazed chintz, piped in pale green. The hooked rug here is of a rare type

Along the road to yesterday

Continued from page 19

sulphur-yellow curtains. These are made of theatrical gauze the exact shade of the wallpaper, and are hung very full with French pleats at the tops. A green, hand-made pottery jar of beautiful shape and tone stands on the maple table and holds sheaves of the orange lilies which grow by the roadside all over this part of the country.

The room at the right of the front door is the "South Room" and it is a shade more formal than its companion room across the hall. The wallpaper is cream, with units of small rural scenes, some showing sheep, and others farmers and horses. As in the rest of the house, the floor is of boards stained dark, and waxed and polished to that dull glow which proclaims the good housewife. And here, as elsewhere, the floor is spread with antique hooked rugs which go so perfectly with the furniture.

A maple desk with the original brasses stands between the front windows, and over it hangs a mellow portrait of Colonel Butler of Weathersfield, Connecticut, a rosy Revolutionary soldier, portrayed in his coat of dull blue and his white stick. The frame of dull gold provides a pleasing note in the colors of the room, and the dignified furniture affords fitting surroundings for his austere countenance. Tall glass candle-sticks stand on either side of the top of the desk, with an openwork fruit dish of ancient Lowestoft between them, as well as an interesting pair of crystal goblets with spread eagles in gold on their sides which must, we feel sure, have been made to honor some historic occasion. Before the desk is spread a hooked rug of very rare type, and unusual coloring. Against a background of deep cream is worked a design of flowers, and in each corner of the rug an American shield, all in reds and blues. Emphasis is given the whole design by a border of black.

In front of the windows are side chairs of maple with the cut-out openings in the splats which give them the name of "parrot-backs," and at right angles to the hearth are a deep, comfortable armchair, and a love-seat,

covered alike in a bright, red-figured glazed chintz which is piped in pale green. The long draperies at the windows are of the same chintz, over glass curtains of écu scrim.

The bedrooms above are charmingly furnished with simple pieces, one in Early American maple, and the other in simple French provincial. The American room has a spatter wallpaper of turquoise blue, a low armchair covered in a gay flowered chintz and a pair of low, four-post maple beds with candlewick spreads. The long window draperies are of a cream chintz which matches the chair covering and blends with the scheme of the room. The French provincial chamber has a pale coral wallpaper, with covers, on bed and chaise longue, of chintz in pastel stripes, and delicate window curtains of mauve organdie, over unusual coral window shades. A small French provincial poufreuse gives character to a corner and holds the toilet articles neatly under its mirror-lined lid.

A modern bathroom was made out of a large down-stairs bedroom, and is like a cool sea grotto, with its walls covered with a peach paper, with decorative fish and sea-horses in deeper pinks and gold on it and a draped dressing-table and shower curtain of translucent sea-green water proof material. Green glass bottles enameled in color hold bath salts and powders to match the color scheme, and rows of soft towels with borders of spouting whales and sailing ships add crisp notes of decoration. The woodwork matches the peach background of the wallpaper and the glass curtains are of peach-colored voile. The shades are a coral pink.

Tea under the grape-hung pergola at the back of the cottage made a happy ending to the visit, and sitting luxuriously in the deep chairs we watched the shadows of the grapevines grow longer and longer as they moved softly in the evening breeze. But at last the sun was low, the teapot empty, so we reluctantly said "Goodbye" to our hostess, and left her to light the evening candles in the little "salt box" house.

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Cabot's
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Cabot's Old Virginia White on the side walls and Cabot's Creosote Shingle Stain on the shingled roof, do their part in contributing to the beauty of the home of Robert Mehornay, Kansas City, Mo., designed by Edward Buehler Delk, architect, Kansas City.

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Shingle and Wood Stains, has swept over the walls and climbed up on the roofs of the finest American homes, large and small. For these Cabot products, with Cabot's heat insulating and sound deadening "Quilt", are the accepted vogue whenever a house of inspiring beauty and practical construction is desired. As if by magic, old fashioned shingles become radiant roofs. Wood and stucco surfaces become brighter, more lasting, and more picturesque. And Cabot's "Quilt" stands guard in the walls as a permanent sentinel against cold and against noise! Leading architects specify these products; leading contractors are always glad to use them. And millions of home-owners, all over America, find Cabot's products a relief to the pocketbook as well as a joy to the eye.

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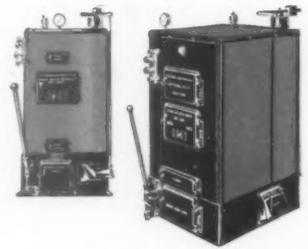
In older homes or new, you can now enjoy the healthful comforts of modern radiator heat, without introducing the slightest discordant note into the decorative scheme of any room.

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efficient Pierce-Eastwood boiler, your home will be equipped for a lifetime of healthful, comfortable and economical heating. Yet a complete Pierce-Eastwood heating system costs comparatively little and may be purchased on *convenient time payments*.

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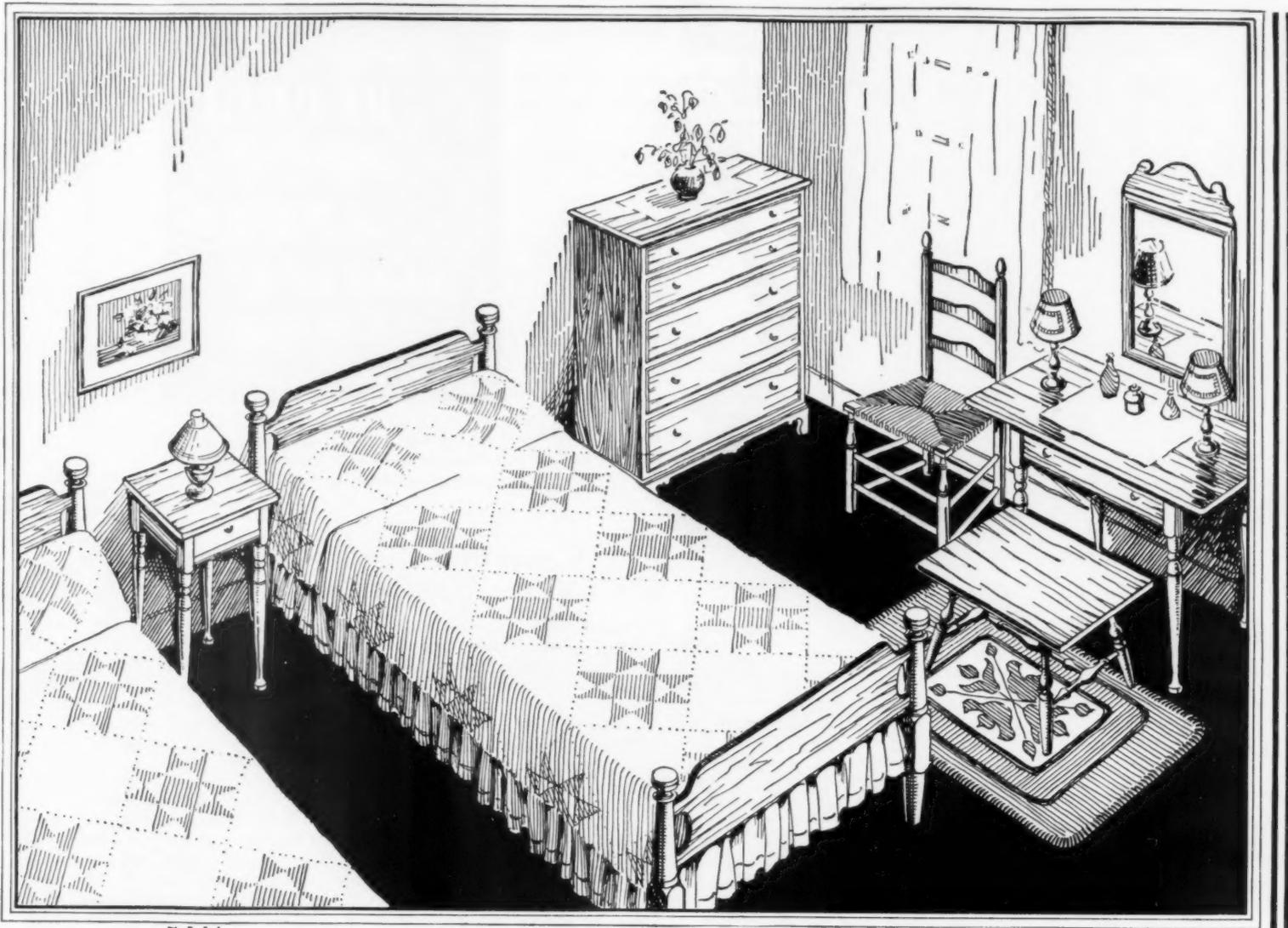
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 Please send me information on Pierce Heating Systems and the Pierce Convenient Payment Plan.
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Above: 2-323B beds, 323C chest, 323DT dressing table, 323LS light stand, 323M mirror, 1743½-10 stool, and 1723-2 ladder-back chair.

Colonial Charm for the Modern Home

THE finest conceptions of Colonial grace . . . artistic simplicity . . . and skilled craftsmanship, are reproduced in this group of old New England pieces. Such a grouping of historic furniture enhances the selective charm of the modern home . . . and endorses the good taste of its owner.

This pine chest with graduated drawers, for instance, is copied from a 17th century New England original. It is a commodious and beautifully proportioned model, with a mellow surface "patina" which correctly expresses the "feeling" of the antique.

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If you would visualize what may be done with a home growing old, send us a kodak picture or other photograph and let our Service Department make a FREE sketch to show you how it may be modernized most economically. No obligation.

Send for special book which shows a selection from hundreds of examples entered in recent modernizing contest. See how sales values were easily increased from two to ten times the cost to modernize. Help your real estate man sell your old home to finance a new one.

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Arch't Carl R. Traver for Lee B. Carpenter, Pittsford, N. Y. 18-in. Green WEATHERBEST on Roof. White Sidelalls of WEATHERBEST "Old Colony" Shakes.

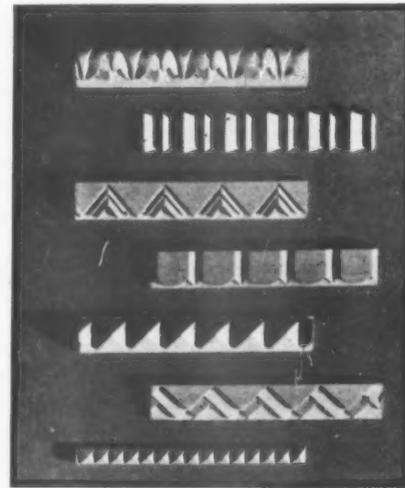


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- Enclosed is 10c (stamps or coin) for postage and handling, for Portfolio of Photogravures of New WEATHERBEST Homes, details of Modernizing Service, and Book, "Making Old Houses into Charming Homes."
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Name
Address



For those with a complex against frills there are carved moldings to edge the closet shelves. (Courtesy, Hammacher, Schlemmer Co.)

Convenient closets worth looking into

Continued from page 40

cleaned with a damp cloth. The shade cannot be torn or cracked, it will not shrink or stretch, and it comes in twenty-two colors for your choosing, every one guaranteed not to fade; or you may have it decorated in oils with any design in any color.

Open shelves are a picture in themselves. They are usually painted and covered with paper, oilcloth or chintz, or may be inlaid with linoleum to match the floor design. A very few are fitted with glass. A removable shelf pad is easily made and covered with a wash material that can be slipped off for laundering. Sateen, poplin, chintz, gingham, calicos, and chambray are practical choices. Moiré and satin are seen only in the elaborate boudoir. One store carries a five-yard roll of glazed chintz eighteen inches wide, the perfect width for shelving, which comes in rose, orchid, yellow, peach, and green wrapped in cellophane, convenient to use and truly inexpensive.

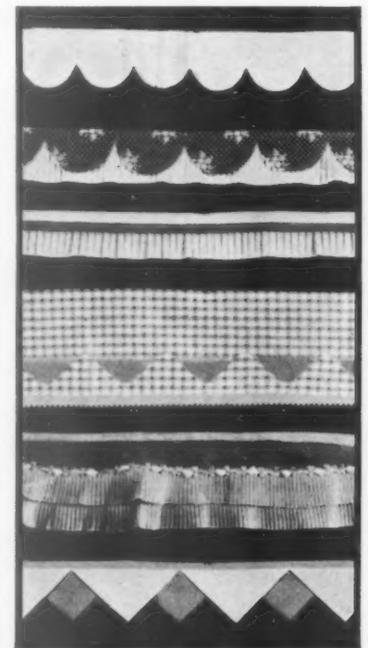
Dressed in one of the new shelf edgings any closet can rise to heights of inner glory. There are literally hundreds of these novelty trimmings selling all the way from twenty-five to eighty-five cents per yard then up and up. Pinked, pleated, ruffled, scalloped, and plain, gay as a merry-go-round these saucy trims call up forgotten ghosts of old china closet edgings, paper of course, notched and scalloped by a grandmother's patient hand. Here are materials, too, that belong to Colonial days. Calico in the old-time patterns, oilcloth in checks, and chintz in all designs to match the other closet accessories. One pauses with the reluctance of an undecided humming bird in trying to choose from this flowery array.

Among the newest edgings are organdy and dotted swiss, pinked, with lace or pleated net underneath and finished with a rosebud trimming. One is all organdy with a double edge of pleating as chic, yet demure, as the proverbial "sweet sixteen."

A waterproof material, felt lined, is an edging shown by one exclusive little shop. It has a leatherish feel and a mannish look. This same shop has a few edges of real leather, hand tooled,

but much too elaborate for the average home. Suede cloth, oilcloth, and washable wall coverings are included also among the waterproof trims. An edging of the latter, hard to resist, is cut in double scallops, one deeper than the other. It sells for fifty cents a yard and is shown in green on black, peach on black, blue on pink, and yellow on green.

If you really like to sew, clever edgings can be made in a jiffy on the sewing machine. For the much-used closet small checked and plaid gingham are nice, as well as gingham in plain colors. The chintzes plain, patterned, glazed and unglazed, are also practical. Oilcloth is smart finished with bias or folded tape or a glazed chintz edging. Oilcloth comes in big checks and little checks, candy stripes, pin stripes, and plaids. For the ultra-modern home there are ultra-modern patterns shown new this fall. (Continued on page 62)



There are shelf edgings to match any color scheme or type of decoration

The change from a coal fire to an oil or gas burner does not give you a new system of heating. It merely permits you to use a different kind of fuel.

The prime factor upon which the comfort and cost of heating depend, remains what it always has been—the efficiency of the boiler.

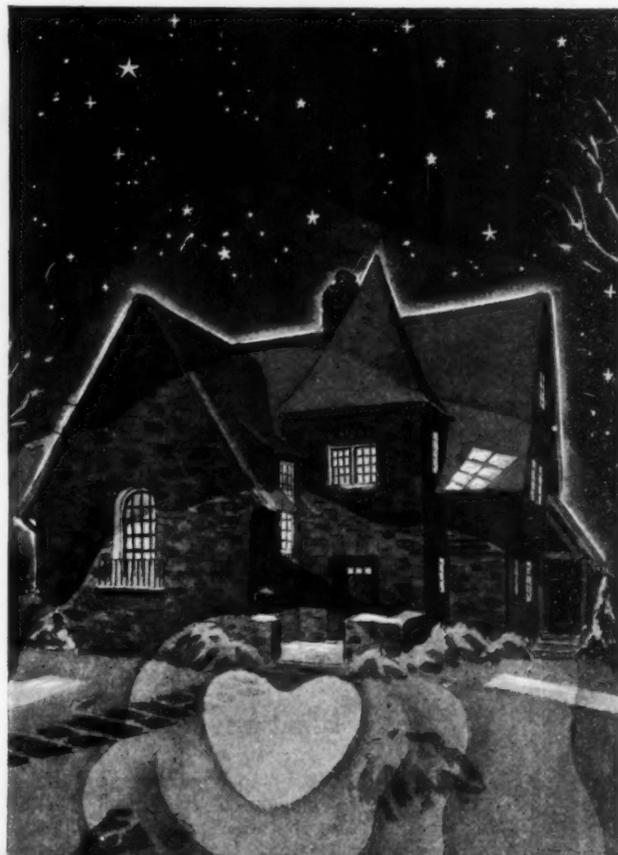
A boiler's efficiency is measured by its capacity to absorb heat. A given boiler can absorb just so many heat units per minute and no more.

Obviously there is a relation between the number of heat units the boiler can absorb per minute, and the number of heat units the fire gives off per minute. If the fire exceeds the boiler's capacity, the excess heat units are wasted up the chimney.

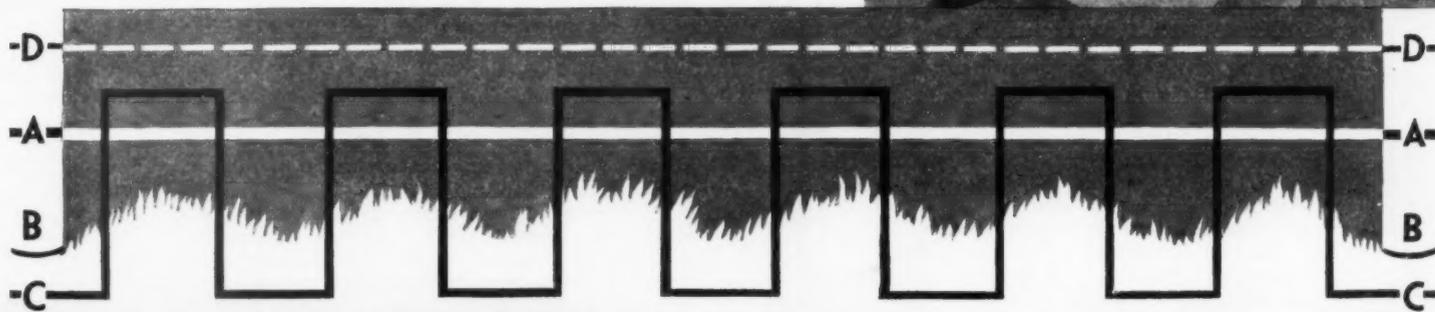
An oil or gas fire gives off heat at a much faster rate than a coal fire. They put a far greater tax upon the boiler's efficiency.

The line AA on the chart represents the boiler's fixed capacity to absorb heat units.

The line BB represents the slightly varying number of heat units the coal fire gives off per minute, as the fire speeds up and slows down with the opening and closing of the draughts. (Assuming that the boiler operates efficiently with coal the line BB never rises above the line AA.)



HOW to get the best RESULTS



THE H. B. SMITH
BOILERS & RADIATORS

Used in fine homes and buildings since 1860.

Has your boiler an "AA" or a "DD" capacity line? One wastes money for you and the other saves it. Do you know which and why?

with an OIL BURNER

The line CC represents the sharply varying number of heat units the oil or gas fire gives off per minute, as the thermostat turns it on full blast or shuts it entirely off. Its peaks rise not only far above the peaks of the coal fire (line BB) but also far above the capacity line of the boiler (line AA). The areas above the line AA are wasted heat units. They go up the chimney.

While the above is a suppositional case to illustrate a point, it does not at all exaggerate the all too common condition.

In order to get the best results with an oil or gas burner, you should have a boiler whose heat-absorbing capacity line is at the level DD on the chart.

This means a boiler with plenty of Fire Surface, for it is upon the amount of Fire Surface that a boiler's heat-absorbing capacity depends. For instance, the new Smith "16" has more Fire Surface than any other boiler made of the same grate area. Like its bigger brothers, the "24", "34" and "44" Mills Boilers, it is especially adapted for oil or gas.

Send coupon for Free Booklets

THE H. B. SMITH CO.
Dept. L-18 Westfield, Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two booklets, "The Smith 16" and, "Does it Pay to Install an Oil Burner?"

Name.....
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City.....State.....



Convenient closets worth looking into

Continued from page 60

Among the finishes being used for individually designed shelf edges are faggoting, bias and folded tape in various color combinations, colored rick-rack, and narrow cotton fringe. For the dressy closet using moiré, taffeta, silk poplin, dotted swiss, or sateen, sheer lace or the narrow French ribbons are appropriate trims. There is pleated net footing, too, which sells by the yard in écru and colors. The finished edging is fastened to the shelf with thumbtacks—the brass headed kind or those lacquered in pastel shades.

For those with a complex against ruffles and lace and for those who cherish the ultra-new, a decorated shelf molding is recommended as the last word. You buy these moldings in the raw wood, the prices running from twenty to seventy cents per foot, according to the width and design. Some are two inches wide, some but half an inch. These are painted or lacquered to match the closet color scheme. You may have them painted on order, or do the work yourself, if you have the time and inclination to dabble with paint. These moldings have a hand-carved look and are as trim and graceful as a bird's wing. As to lasting qualities, they are as durable as the shelf itself, and can be washed with water and soap. If the closet changes color, a new coat of paint and the molding steps out new.

Furnishing the shelves is mostly a matter of arranging row after row of utility boxes. There are little boxes for cleaning tissues, jewelry and beads, and storage boxes large enough to hold blankets and spreads. Hat boxes find their way to the higher shelves. Large, square ones for larger hats, and small oval ones for felts, a collapsible hat box with folding sides which can be stored away flat when not in use, and a box with a front drop so that hats can be lifted out without removing the lid. In a closet short of drawers these boxes are just the thing for storing bedding and clothes.

Hat holders are as important to hats as shoe trees are to shoes. There is the usual stand made with a round wooden base and a rod extending upward, painted or covered with chintz, the holder softly padded. These are sometimes topped with a flower or bird decoration cut out of wood and painted. For the child's closet there are innumerable novelty holders, long-legged storks, swans, and elephants, a regular hat holding zoo.

A flexible holder that clamps over the edge of a shelf has a tasselled cord by which to pull the hat down within easy reach. The newest holder of them all is a device that actually keeps hats in shape, protecting and preserving the original line. This hat form is a simple frame which slips easily into the hat adjusting naturally to the shape of the head. It will hang on a hook, stand on a shelf, or fit into a box and take up the least space possible.

Dust can ravage a hat as surely as the voracious moth. To protect hats in storage and hats left on the open shelf there are two new covers, both made of Argentine cloth in a choice of colors.

Speaking of Argentine cloth, it comes now in all the pastel shades and some of the bags for clothes and furs show hand-stenciled patterns. You can get one of the zipper-closed bags large enough to accommodate two or three garments for sixty-nine cents. They are practical, light in weight, dustproof and mothproof both, for the material is treated with a lacquer to fill every hole in the weave. They save time, too, for with one glance at this transparent bag you can see every garment it contains. This "seeing in" is deemed so important that many of the chintz bags have isinglass windows for a peep at your clothes.

This year closet sets are made for the first time in the toile with a choice of three of the early American picture prints. These come in three colors, red, green, and blue.

The new chemically treated cloth bags which act as a moth deterrent are finished with fastenings so tight no insects can steal their way through. One garment bag of extra heavy cretonne is lined with a specially processed rubber. It is absolutely dustproof, mothproof, and damp-proof, and has a fastener to zip the bag open or closed. It is splendid for storing winter clothes and for keeping summer things fresh.

Shoes see enough of the floor in service and ought to be up out of the dust when they have a day at home. Shoe cabinets come in every possible style and in every possible material from metal to wood and papier-mâché. There are models with simple tier arrangements with open fronts, and there are elaborate nests. Some of these are divided into separate drawers, others have a door to keep out dust, while the most expensive ones usually have a stocking drawer or two and sliding trays.

One new metal shoe holder has shoe trees attached ready to slip right into the shoes. A collapsible container, flat when not in use, hangs by a cord to the door. A flap covers each shoe compartment and is fastened in place with snaps.

It is the built-in shoe racks that really save on space. You can tuck these into any convenient spot. Slanting toe shelves to accommodate but one pair of shoes can be tiered, one above the other, in a space just six inches wide. These tipped shelves are finished with a molding along the edge to keep the shoes from sliding off. In some closets it is most convenient to place the toe shelves along the baseboard. But never build them to the floor for it is there that all the closet dust collects.

Shoe trees are necessary if shoes are to hold their shape. Heart-shape pads of velvet and chintz are used to stuff into the toes. If shoe trees are used, be sure they are not too large for your shoes, those with padded toes being preferable.

Bags and boxes, shelves and drawers, will there be any room left for clothes? Believe it or not with just the right hangers, and just the right rods, the clothes will fit in as snugly as sardines in a box. And that is taking the minimum of space! (Continued on page 64)

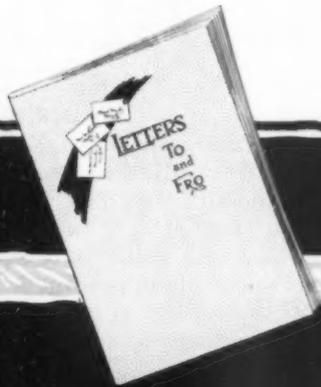
A Saving Heat For Those Wanting Heat Savings

SAVING dollars, to be sure, was not the primary purpose of the people who wrote letters to the MacDowells about the saving heating. It was to help them get heat contentments.

But through what those letters had to say, the MacDowells made sure of both heat satisfaction and fuel thrift. Just another way of saying heat saving.

If you will first fix in your mind that fuel is money, you will want to know all there is to know about saving heat. Which is just what these eight letters about heating told the MacDowells.

All eight letters are printed in full in "Letters To and Fro," the book of heating helps that we gladly send to anyone who asks for it, without charge, and of course without obligation of any sort. Write for a copy.



Burnham Boiler Corporation

IRVINGTON, NEW YORK

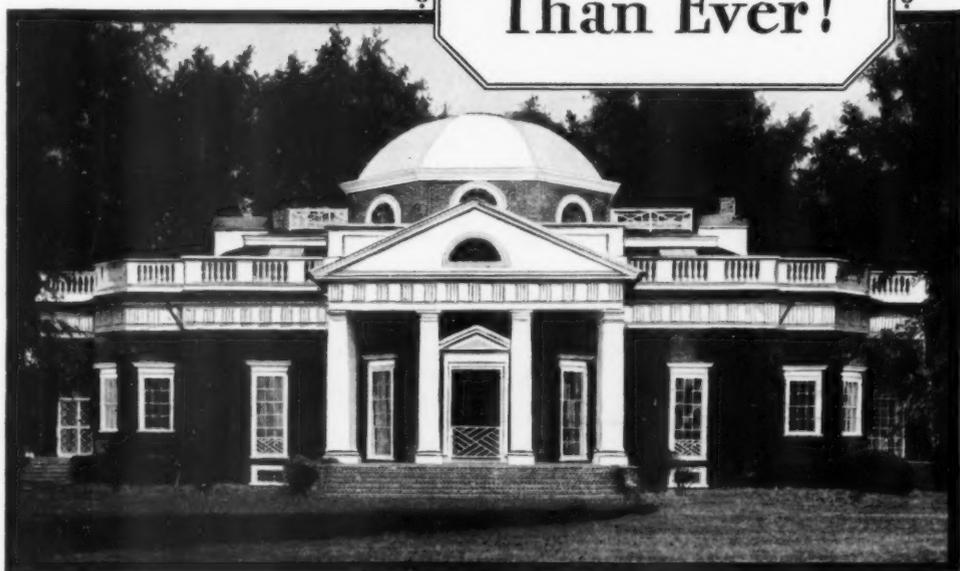
Representatives in principal cities of United States and Canada

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Now More
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Than Ever!

Last year "MOUNT VERNON," the home of George Washington, was painted with Outside Barreled Sunlight. Now it sparkles in the Virginia sun with new beauty... new distinction.



"MONTICELLO," the stately home Thomas Jefferson designed with his own hand. Recently painted with Outside Barreled Sunlight, "Monticello" is now more attractive than ever.

THE historic estates of George Washington and Thomas Jefferson. Glorious old homes... famous for their dignified beauty. Now they are more attractive than ever. They fairly sparkle in the Virginia sun... brilliantly white... richly lustrous... painted with Outside Barreled Sunlight.

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one calls it the whitest of all white paints.

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Stately "Monticello"



BOTH FORMS OF BARRELED SUNLIGHT are sold in cans of all sizes, 5-gallon buckets and large drums. Extremely easy to tint with oil colors. Quantities of 5 gallons or over tinted to order at the factory without extra charge.

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Authentic American Pieces of Historical Interest—

THE INDEPENDENCE GROUP

THOSE who have asked, "Where can I find furniture of assured authentic style and American historical interest," will find the answer to this question in the "Independence Group."

The Baron Von Steuben sofa, with the William Rush eagle woven into its fabric, adapted from one over the doorway in old Congress Hall; the reproduction of Patrick Henry's desk, true even to its construction or Imported Cuban mahogany; and the Duncan Phyfe drop-end table, developed from the original which is in the Metropolitan Museum, are the central units of the group, around which have been assembled the other pieces, each of particular interest in its own right.

The designing staffs of three Grand Rapids factories combined in their research for just the right pieces to comprise this ensemble. Faithfully following the traditions of the originals, each piece is a choice example of the fine art of contemporary cabinet work and upholstery for which Grand Rapids designers and bench workers are so famous.



Just as each piece proudly bears the labels of the three Grand Rapids factories who combined in creating them, so will leading furniture and department stores of America unite in a simultaneous presentation of the Independence Group as a part of the National Home Furnishings Style Show, September 26th to October 4th.



MUELLER FURNITURE COMPANY
IMPERIAL FURNITURE COMPANY
GRAND RAPIDS CHAIR COMPANY
GRAND RAPIDS, MICHIGAN

Convenient closets worth looking into

Continued from page 62

A rod hung across the closet about two inches below the shelf will hold many more hangers than the hooks the same space would accommodate. The rods may be anything from a sawed off broomstick fastened into curtain cleats to the elegant new chromium-plated pole, that is guaranteed not to rust, scratch, or finger-mark. With the rod come two slotted disks, that fasten on either side of the closet. The rod pulls out to fit the space and the ends slide into the slots.

For the closet too narrow to hang a coat crosswise there is a special metal holder that extends out from the rear wall. This resembles the enlarged edge of a saw, with each depression deep enough to hold a hanger. When the garments are in place, the hanger folds back out of the way.

Garment hangers are as fancy or as tailored as you please. They come covered in chintz, jersey, corduroy, rayon, sateen, and velvet or may be enameled in every color to be found in chintz. Whatever model you buy get them in the dozen lots as the price is less and the uniformity in size saves on closet room. Two sizes of hangers are needed, one for thin dresses and blouses, and another for coats and suits.

In the high ceilinged closet the overhead space can be turned to good use. Fasten a rod across the closet near the top, then supply yourself with a set of hangers equipped with a long stick handle to be used in lifting

the garments up and down. Hangers with extra long handles should be used, by the way, to protect the fur collar of a coat. These are made especially to keep the collar from rubbing against the pole or the top of the garment bag.

For the man's closet there are special hangers for coats and hats, shirts, and ties. A trouser hanger of chromium finish can be had for a dollar while a new model that sells for five dollars will hold eight pairs. There is a swinging tie rack with six prongs made of brushed nickel retailing for \$3.75, and for a very little more these may be had covered in silk or velvet, in green, blue, or jade. In the modernistic closet the suit hangers finished in silver leaf are a happy choice. A toggery rack for hats, canes, umbrellas, and ties is designed to fit the back of the closet door. There are also several inexpensive racks to keep milord's ties in good order, that can be fastened to the wall or the door of the closet.

It ought to go without saying that every bedroom shared by a husband and wife should have double closet space, or at least a closet partitioned into two separate parts, one to be kept entirely clear of all feminine garments. These little courtesys tend to make life run more smoothly, and prevent discord when both husband and wife wish to dress in a hurry. But a closet for each, and perfect independence should be the slogan for a modern household.

That room with the gas chandelier

Continued from page 58

these strips to prevent air infiltration and to keep out vermin, or wallboards may be used to cover the area behind the paneling. This is a matter to take up with the carpenter-contractor who can readily determine what method would be best. When applying the new trim, keep in mind that the effect of a high ceiling may be corrected by bringing the picture molding or cornice down on the wall to a point just above the top of the door frames. The wall space above this molding is then treated as part of the ceiling and the strong horizontal lines formed by the cornice molding stops the eye at a point which gives the effect of a low-studded room. The effect of size can be increased or diminished in a similar manner by applying wood moldings over the plaster to divide the wall area into panels. A predominance of horizontal lines lowers the apparent height of the room, but the predominance of vertical lines gives the effect of a higher ceiling.

The problem of rejuvenating old floors is relatively simple. If they are in reasonably good condition, they may be scraped, bleached, restained, and refinished. New floors can be laid over the old, using linoleum, rubber tile, or any one of several modern floor compositions that resemble tile or stone. New hardwood floors can be laid readily over the old, using either the strip or plank flooring, or the new block type which is laid in

mastic to give a patterned floor resembling fine mosaic or parquetry work. It is inadvisable to use a very light ($\frac{3}{8}$ ") hardwood floor unless the old floor is smooth and tight, because the light strip floor tends to loosen and become squeaky if laid over an uneven surface.

Such are the methods employed in rejuvenating an old room and preparing it to receive modern decorative treatments. From this point on, it is a matter of selecting color schemes for painted work, wallpapers, or wall fabrics, and choosing lighting fixtures, hardware, and all of the other appurtenances that form the palette of the interior decorator.

Up to this point, the work involved lies within the province of the experienced jobber-contractor. It is not necessary for the owner to divide the work between lather, plasterer, electrician, carpenter, and cabinetmaker. Reliable estimates can be obtained from a contractor who will supervise all of the details and give a lump sum price for the job up to the point where the painter and decorator steps in.

If you have a room that cries out for rejuvenation and transformation, study your room with care, write out explicitly the changes you wish to effect and call in a contractor whom you can trust. You may be pleasantly surprised to find that you can have the modern room you want at less cost and possibly less trouble than you anticipate.

WEDGWOOD



Prairie Flowers

IN this new pattern—in bone china—has been produced the first Wedgwood design from an entirely American inspiration. ✕✕ For its creation, the artist traveled to the West to see one of America's glories—the wild flowers of the plains and prairies in the early Spring. ✕✕ Here, indeed, he found a new enchantment, scarcely to be equalled in the whole world;

this he has happily symbolized in Wedgwood's latest design—*Prairie Flowers*.

Upon request we shall be pleased to send you a copy of our illustrated booklet.

Josiah Wedgwood & Sons, Inc.
OF AMERICA

Mark on China



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WHOLESALE ONLY

Mark on
Jasper, Basalt,
Queen's Ware, Etc

Potteries: Etruria, Stoke-on-Trent, England WEDGWOOD

BONDED fireplaces NEVER smoke

Don't
be
like
that!



"For the steenth time, Jim, we're freezing. Something must be done!" And Jim, for the steenth time perplexed, says, "Don't be like that!"

Why heated arguments, when a simple BOND guarantees quickly heated homes during Spring and Fall?

Too hot *with* the furnace, too cold *without* it! It is annoying. That's Fall and Spring for you.

But when you build your home, a Bennett Bonded Fireplace overcomes these troubles inexpensively.

The BOND is the answer to fireplace doubts—will it heat evenly, quickly, with less wood or coal? It is bonded to give 4 to 6 times average fireplace heat.

Will it be really smokeless? The BOND issued by the Bennett Fireplace Corporation, and underwritten by the National Surety Company, guarantees it.

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Does it ventilate? It draws in cold, fresh air from outdoors, heats and circulates it about, drawing the stale air up the chimney.

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For fireplaces already built we suggest Bennett Fireplace Heater-Ventilator (not bonded) which has all the heating and ventilating features of the Bennett Bonded Fireplace.

For Free Book fill in Coupon and return to
Dept. B-2, Bennett Fireplace Corporation, Norwich, N. Y.

Please check Name.....
New Construction Street.....
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Existing Fireplace

Are you planning to move?

Continued from page 51

every other one, making sure that the paper forms a pad on both sides of each plate between which the unwrapped plates are safe. Put the stack of plates in the nest formed by the platters and stuff more wadded paper into all the crannies. Put in a transverse layer of paper; line another ring around the barrel and pack the cups and saucers, using the cups for the outer ring and the saucers for the "core."

In wrapping cups or any other bit of china with projecting handles or spouts, pad out the piece so that it is round and you will find that annoying chipping or cracking of these parts will be avoided. Tureens which have loop handles may be padded in the same way, or the lids may be inverted to avoid that dangerous outcropping. Proceed in this same way until the barrel is almost full. Be sure however, to allow three or four inches at the top for a shock absorber, similar to the one on the bottom, and the barrel head which the moving man will drive into place for you.

If your new house is only two or three hundred miles away you will, in all probability, choose to ship your goods by automobile truck and thus save the fuss and bother of elaborate crating. Be sure however, that the truck will not encounter bad roads. Inquire of the automobile club or some other agency and if you find that part of the regular route is under construction and that the stated detour is rough, choose another road even if it does mean an extra fifty or hundred miles.

If the journey before your furniture is longer than a few hundred miles have it crated or packed in a lift van and sent by freight, for moving men seem to agree that rails are cheapest and best for a long haul. Here again, we can save money, since moving men are paid by the hour, by preparing for their coming a few days ahead of time. Clear out all bureau drawers and never yield to the temptation of using them as a likely receptacle for shipping linen or clothing. The added weight will tend to make drawers sag and put a strain on the feet. On the other hand, cedar chests and the like which sit on a flat base, may be shipped full without damage. Having emptied the drawers, lock them so that they cannot slip in and out and chafe against the sides of the crate or van. If there are no locks, or locks and no keys, tie the drawers into place with strips of soft cloth (an old sheet or tablecloth is perfect for the purpose), using a wooden clothes pin or peg to draw the tie tight, in the same manner that a tourniquet is tightened. Never use rope, for rope will invariably leave marks upon the furniture. Treat cabinets and cupboards with swinging doors in the same way. Tie down drop-leaf tables also, but make sure that the legs and leaves are padded or otherwise protected so that they cannot rub against each other and thus become marred.

Heavy pieces of furniture that rest on slender legs should be swung up on cradles mounted on the crate frames to take the weight. Pieces of furniture which come in two parts, joined with pegs or screws, like Governor Winthrop secretaries and

antique linen chests, should be taken apart and packed in two crates, with especial care that no weight rests upon the screws or pegs. Always make sure that casters are removed and tied firmly to the crate around the furniture to which they belong.

Upholstered furniture should always be shrouded in cloth or protected by paper wrappings against dust before it is crated. Rugs should be rolled, never folded. Mattresses should also be rolled and sewed into burlap casings. Household linen, blankets, and the like should be packed in cardboard cartons if they are to go by truck, van, or express. They must be packed in wooden cases or crated if sent by freight. Trunks and suitcases sent by freight must also be crated.

Since so-called lift vans have been mentioned above we may as well pause for a moment to consider their virtues and drawbacks. Lift vans are in reality nothing more or less than glorified packing boxes, steel on the outside, tongue and groove boards on the inside, padded with canvas. The inside capacity of the smallest size is seven hundred and seventy cubic feet—space enough to accommodate all the furniture and household effects of an ordinary five- or six-room house. The moving company brings the van to the front door and loads it there, carefully padding each piece of furniture and lashing it in place so that the load cannot shift. The only crating that is needed is the building of cradles to bear the weight of heavy or frail bits of furniture. The van is closed and locked before it leaves your door and will not be opened until it arrives before the door of your new home.

Until recently lift vans were hard to get outside of a few of the larger cities and moving companies had not the necessary handling equipment. Because of their size and weight when packed they must be lifted on and off flat freight cars or trucks by cranes. Now however, lift vans may be rented from many of the railroads as well as from the larger moving and storage companies and they are becoming so popular that they are no longer in the luxury class. Moving by lift van now costs no more than an ordinary good crating job, for one is no longer charged freight for the return journey of an empty van.

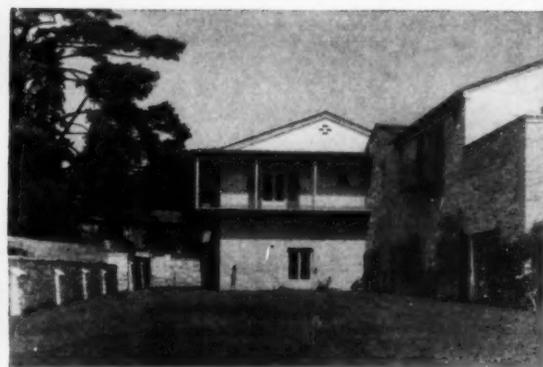
The ordinary "in transit" insurance policy usually does not cover one's possessions against superficial damage. That is considered the moving man's or the freight handler's responsibility. What the policy usually does cover is the wholesale destruction of the shipment by fire, flood, or wreck—the type of thing piously designated by insurance firms as "acts of God." Or the policy may include damage by water (from a leaky roof on the freight car or truck, for instance) and pilferage. Of course, if one is willing to pay the price one may have a more inclusive policy, but the money might far better go toward a superfine job of crating and packing, and the effort be expended in close personal supervision, for after all, the personal associations which cluster around our household possessions are usually half their value, but alas, not insurable!

Concrete pays tribute to fine architecture



CONCRETE, in many forms, has been skillfully employed by the architect in designing this home. The exterior walls are of concrete masonry units, in slightly irregular sizes and varied colors. Building frame and floors throughout are of reinforced concrete — *one unit*, of utmost strength and rigidity. The roof is attractively tiled. So constructed, a home is *firesafe* and long enduring.

The views on this page are of a home that is distinguished in both architecture and construction — the home of Robert B. Henderson, in Hillsborough, California. Gordon B. Kaufmann, Los Angeles, Architect; Dowsett-Rubl Company, San Francisco, Contractors.

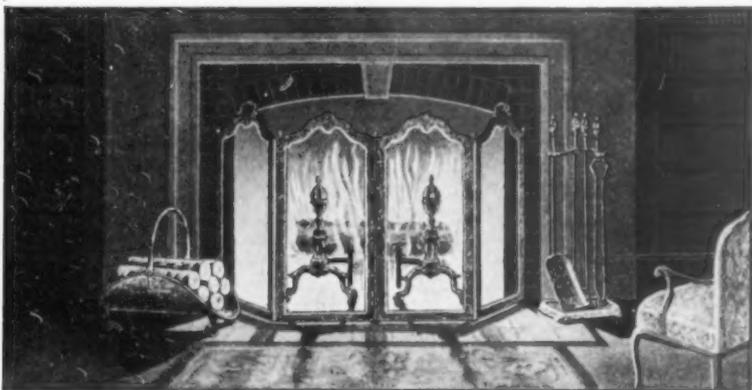


PORTLAND CEMENT Association

Concrete for permanence and firesafety

33 WEST GRAND AVENUE
CHICAGO

A MODERN REFLECTION of COLONIAL ART and UTILITY

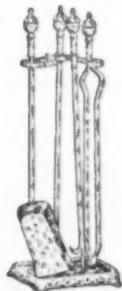


THIS GROUP of fireplace furnishings . . . either in hammered antique brass plate, or rustless Swedish finish, brings to the modern home the taste and artistry reflected in a design that was often found in the homes of wealthy Colonial families. . . . The influence of famous English designers of the period is very strong in these beautifully proportioned pieces.

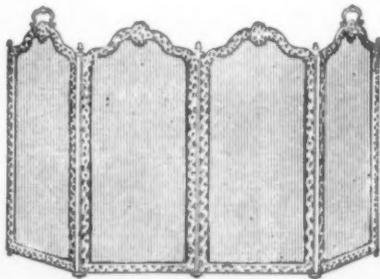


No. 16. The "LEXINGTON" andiron. This is an interesting adaptation of the "Lemon" design, and was popular with Colonial families of the cultured class. The "ball-and-claw" foot and the correct lines, are evidence of Chippendale influence. Height 19 inches; shank 17 inches.

No. 101. "WINTHROP" wood-carrier. A good looking, convenient, and inexpensive wood-carrier that is indispensable to the well furnished fireplace. It is light . . . strong . . . dust-proof . . . and has large brass handle riveted to the body. Length 21 inches.



No. 109. The "LEXINGTON" fireset with heavy "Lemon" design, cast handles, screen, wrought-iron tools, boat-hook poker, and concave base to catch ashes. Height 30 1/4 inches.



No. 017. The "JAMESTOWN" screen. A four-fold screen with wide hammered frame covering an inner frame of welded steel. This is an exclusive design, and has patented easy working hinges. The handles are of solid brass. Height 30 inches.

HOWES' Fireplace Equipment is sold by all leading dealers and department stores. Send for free copy of booklet

THE S. M. HOWES COMPANY

Designers and Makers of Fireplace Equipment

Dept. 9 Boston, Massachusetts

Cleansing upholstery fabrics

L. RAY BALDERSTON

HOUSEKEEPING may be an everyday duty, some say a prosy one, but won't you grant that it is always a pleasure to experiment and do new things? We may have washed silks whether as embroideries or damasks, woollens as in sweaters, rugs, or even dress materials. Having done them, we feel that these are easy tasks. Why not experiment further? Tapestries and crewelwork are really cleaned by the same processes.

Tapestry and crewelwork are usually done on a foundation of canvas or burlap like hooked rugs and, when finished, are mounted on a chair bottom or a foot-stool. If hair or wool is used for padding, we have increased the difficulty one point, and should it be stretched over webbing or on padded springs, an added factor plays a part in the cleansing problem.

Where can we begin to clean? What is the best thing to do? The first answer is a preventive one—do not let the fabric get over-soiled before cleaning it, for then the dirt is deep-seated, and much more cleaning solution will be needed to bring up the light colors, especially clear white. For the first time one is impressed, as perhaps never before, with the importance of having a fast color in every thread of the fabric. For the slightly soiled fabric, use a soft fiber brush with clean white bristles. Use new or fresh clean fluid, carbon-tetrachloride, which is non-inflammable, or, if working out of doors, fresh gasoline. *Everyone hesitates to suggest gasoline because of the fire hazard.* To be on the safe side, use carbon-tetrachloride. It can be bought at the drugstore; buy at least a pint for a small task, such as cleaning lounging-chair or an upholstered love-seat. Have plenty of clean cloths, non-linting. A cleaning expert uses wiping cloths of the same shade of color as the object to be cleaned for lint from white cotton is often difficult to brush off. This is especially true in cleaning blacks and very dark colors. Besides the cloths, have the brush and cleaning liquid ready.

The top dust is first brushed or beaten out, for we realize that loose dust when moistened increases the work of cleaning. Cover any wooden part of the upholstered piece to be cleaned, using several layers of heavy paper as protection from a chance drop of liquid from the finger or spray from the brush. Pour a little liquid into a shallow dish so that waste evaporation is reduced, and so the soil does not discolor the bulk of the cleaning liquid. Brush in straight lines with even strokes and wipe off quickly with the cloth. This cloth acts like a blotter, absorbing the loosened dirt that the cleaner has dissolved. Go all over the fabric, being careful to work evenly. Let the cleaned fabric dry. Perhaps, if the soil is only slight, one application will be enough, making a second cleaning unnecessary.

More heroic cleaning may be needed. If one hesitates to work with the costlier carbon-tetrachloride or fears the gasoline, soap and water is always a reliable agent; try it. In using soap and water, one is hopeful

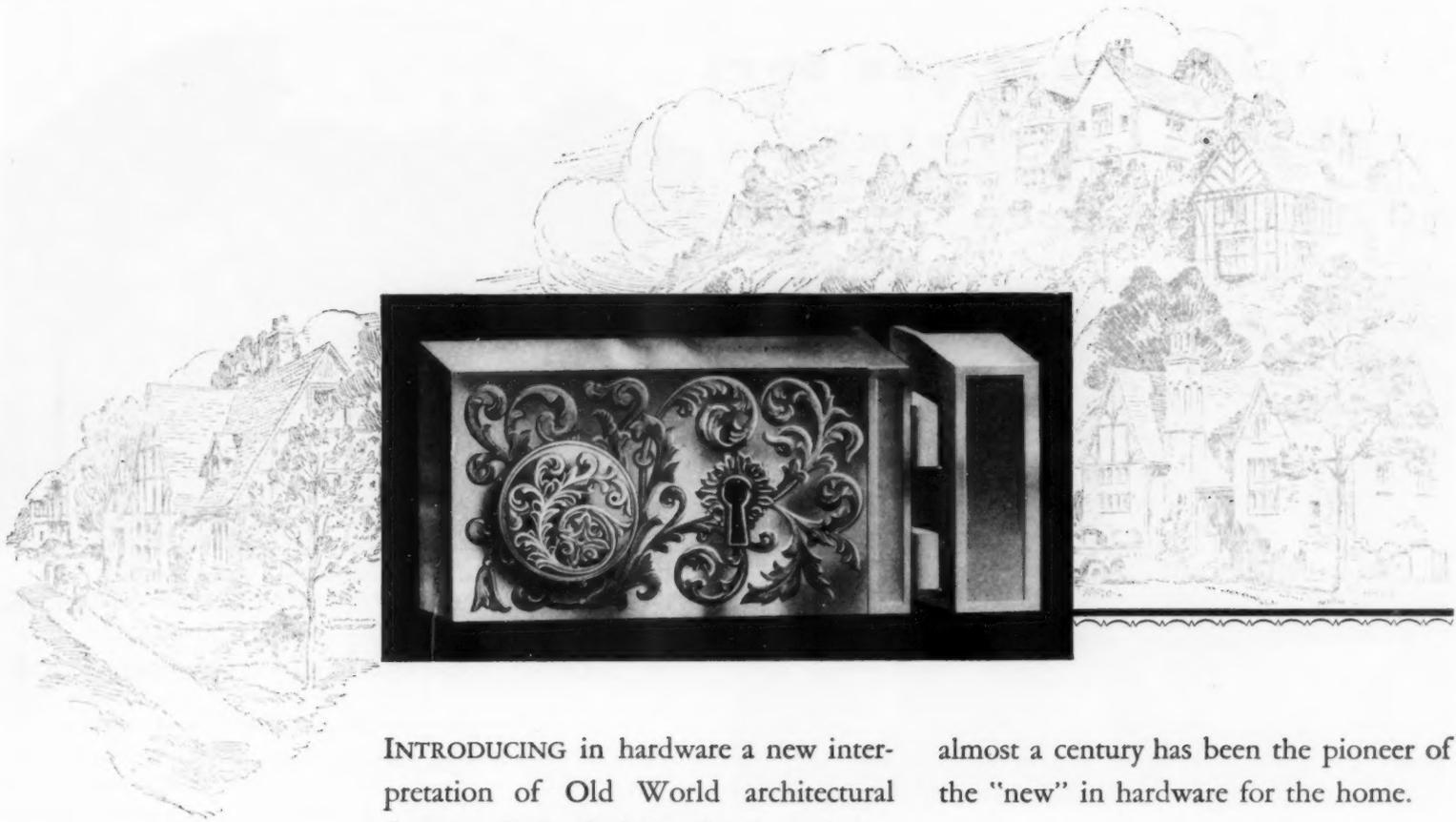
of fast colors. Choose a time when interruptions are unlikely, for work must go on quickly and directly. Make a good soap solution of high-grade white soap and have it made ahead of time. The solution should be cold, like jelly and have no lumpy undissolved soap, for this may leave soap stains, and, besides, requires so much water to rinse out. Have the same kind of soft cloths and brushes at hand. A bone paper-cutter or a dull case-knife will help to press out the soiled suds, and the cloth held in the other hand will take it up.

With the soft brush apply the soap jelly, which should be like soft curd, but not watery. Apply it in even lines doing no larger space than can be wiped off quickly with a cloth or pressed off with the paper cutter. Clean cloths wrung out of water will act as wiping cloths. The idea is to have as little water as possible sink into the pillow or the chair or couch seats. It is really only a surface cleaning, but it prevents the moisture from streaking colors. Streaking of color might come from stain of over-wetting of upholstery webbing or padding. Try to be even in your strokes of brush or cloth, and then when gone over once, a second application is often a satisfactory finish. Dry wiping cloths take up the moisture quickly. The real reward of purchasing good fast-color fabrics proves its value just as soon as cleansing is necessary and when cleaning is finished.

Buttons of upholstery ought to have a piece of soft cloth put around and under their metal backing, for a slow drying may cause rust on them. If ink has stained a heavy fabric, try, just as soon as possible, to absorb the ink quickly, using a soft cloth, like a fresh blotter each time, and when all has been absorbed this way, dampen a cloth with slightly warm water and continue pressing the cloth firmly on the ink spot. Have a fresh cloth each time, and should there be a left-over trace of ink, try to remove completely by applying a drop of ammonia, then a drop of oxalic acid. Both ammonia and oxalic acid should be diluted to half strength, and by alternating, one chemical neutralizes the other, and with careful work the color is not harmed.

Everyone is quite sure that soft loosely woven fabrics are the most difficult to clean, because the fiber spreads, and we are equally certain that soft damasks and satins show soil quickly and need very special care. For economy, two-tone material is the best purchase, or perhaps one with a small almost invisible figure.

Sometimes the housewife does her own upholstering, and she will find it a great protection to put a heavy white muslin under the tapestry next to the webbing or stuffing. This reduces the difficulty of cleaning by preventing any stain from hair, wool, or excelsior, if moistened. Be sure that the upholstery is entirely dry before putting it back into service, and if gasoline was used, keep the piece out of doors until well aired, and all the odor is gone. New gimp or braid will make the finished work look professionally complete.



*Classic
Masterpieces
in Hardware*
by **RUSSWIN**

INTRODUCING in hardware a new interpretation of Old World architectural design—distinctly fitting for the exclusive suite, the restful foyer, the fine town house, country home or manor.

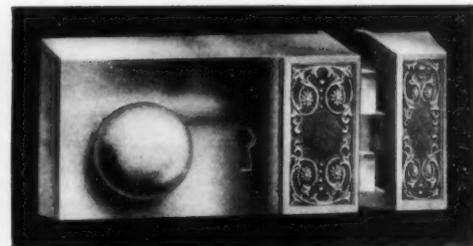
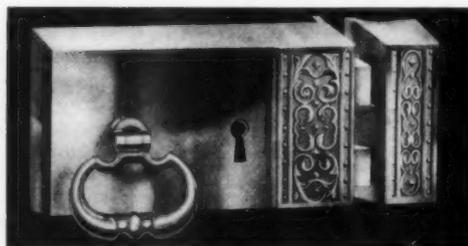
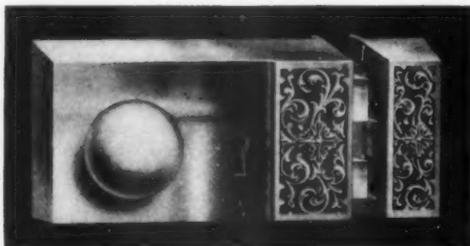
Massive in appearance with a rugged durability further enhanced by delicate arabesque traceries, **RUSSWIN** Rim-locks—like all **RUSSWIN** Hardware—are made of the finest metals, brass and bronze... every one of their component parts are hand-fitted by craftsmen, that their rare beauty and charm shall have a like perfection of workmanship.

The four designs shown herewith are the latest development of **RUSSWIN**, which for

almost a century has been the pioneer of the "new" in hardware for the home.

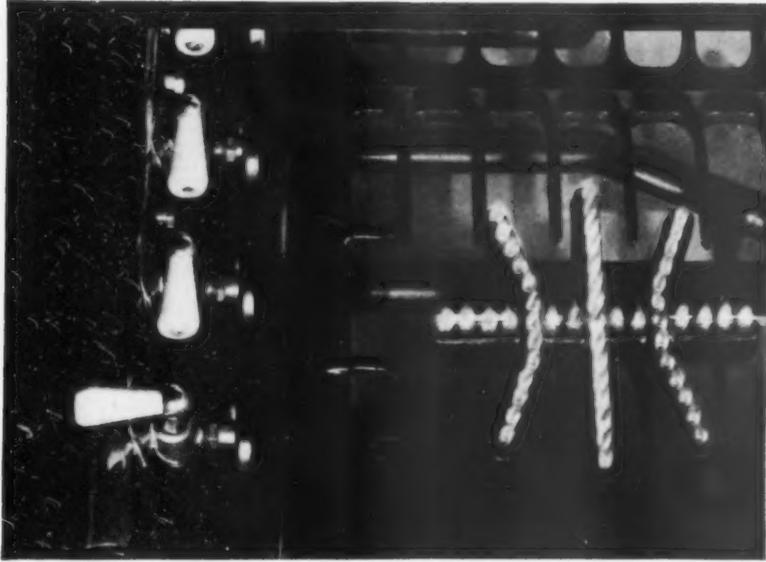
Inside and out, the quality of **RUSSWIN** Rim-locks is built to give years of lasting, trouble-free satisfaction... hardware you will be proud to live with and which will be a fitting expression of good taste for all years to come.

Russell & Erwin Manufacturing Company (The American Hardware Corporation, Successor) New Britain, Connecticut—New York, Chicago, London.



*For the Architect's convenience **RUSSWIN** Hardware is illustrated and described in Sweet's catalogue, pages C-3137—C-3216.*

GAS...real gas for cooking...Pyrofax...no matter where you live



EVEN if you live ten or twenty—or a hundred miles beyond the end of the city gas mains, you can cook on a real gas range—with Pyrofax. Pyrofax—the old reliable compressed-gas-for-cooking service—is available to every home. Complete installation, including gas range, can now actually be had at a price less than that of a good coal or oil stove.

Pyrofax is real gas (obtained from natural gas) and burns with an intensely hot, blue flame. It is brought to your house through a national delivery service as reliable as any public utility gas company in the city.

There is a Pyrofax dealer near you. Go to him, select a modern, up-to-date gas range. He will set it up and install a Pyrofax Gas outfit—two cylinders of Pyrofax Gas, each holding two to three months' supply for the average family. These are housed in a neat cabinet outside your kitchen and connected with regulation piping to your range as shown in the illustration. When one becomes empty you turn a valve which connects the second or reserve cylinder and the Pyrofax man replaces the empty with a full cylinder. This Pyrofax two-cylinder system protects you from ever running out of gas.

Pyrofax has thousands of satisfied users throughout the country. "Pyrofax service is excellent and the gas is marvelous," states one voluntary testimonial. Another: "My wife is infinitely pleased with Pyrofax and is spreading its virtues among our neighbors." (Names may be had on request.)

NEW LOW PRICES

You owe it to yourself to learn about the new prices at which Pyrofax is now offered. You can buy the complete Pyrofax outfit, including a gas range, at an amazingly low price. Convenient terms—small down-payment. Look for the name Pyrofax. It protects you against untried imitations. Send coupon for literature.

Carbide and Carbon Chemicals Corp.

CARBIDE AND CARBON BUILDING
30 East 42nd Street, New York, N. Y.

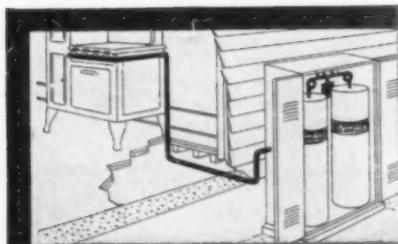
CARBIDE AND CARBON BUILDING
230 N. Michigan Avenue, Chicago, Ill.

Unit of **UCC** and Carbon Corporation

OFFICES IN PRINCIPAL CITIES—
TREMENDOUS STOCKS—UNFAILING
SERVICE—NATION-WIDE DISTRIBUTION

PYROFAX

Gas Service



Pyrofax two-cylinder system is simple as A B C. Diagram shows direct piping from cabinet to range

PYROFAX DIVISION AH-10-30
Carbide and Carbon Chemicals Corp.
30 East 42nd St., New York, N. Y.
230 N. Michigan Ave., Chicago, Ill.
(Please address office nearest you)

Please send me some of your interesting literature on Pyrofax and the name of the nearest dealer.

Name _____

Address _____



Whether it is used as a summer home or as a permanent year-round home the portable house has much in its favor

A house assembled in three days

A comfortable all-year-round home

MARJORIE LAWRENCE

FOR MANY years, the snail had a monopoly in his own classic solution of the housing problem—but that was in the period before the portable house had been perfected. Nowadays, a dwelling can spring up in the midst of a wilderness almost in the time it takes to turn a wishing ring thrice and murmur a couple of magic phrases. And, lest there be any misapprehension on this point, we would state that the house which emerges is no flimsy cardboard affair, but a real home in which real people can and do live in the greatest comfort.

The trees in Westchester county were flaunting their brightest scarlet and gold, in competition with the deep and flawless blue of the October sky, on the day when we rounded a curve in the road and glimpsed the little white house. A low stone wall protected it from the idle curiosity of an intrusive world. Great trees stood guardians in the background, and a rough flagstone path curved gently to the front door which was placed in the angle formed by two projecting wings. Green shutters and a green roof contrasted pleasantly with its trim, white exterior. We walked up the little flagstone path, bordered with gallant marigolds which gave no heed to the frosty challenge of the autumn day, and we entered the house.

The thought that it was portable had not crossed our minds. The words came as a distinct shock when they were uttered by the owner, who received us graciously. We had always thought a portable house advertised itself by an air of impermanence—as though it stood ready to be taken apart at any moment. This little Colonial dwelling spelled "home" in every line of its high gabled ceiling, its glowing hearth, and the gleam of old pewter on the sideboard.

The living hall which we entered gave the impression of spaciousness, partly due to the high, peaked ceiling with its exposed beams. The walls

and ceiling were a soft shade of buff suggesting half-timbered English style, by means of frequent cross-strippings of walnut-stained wood. A large, brick fireplace fronted the door and was the center of interest. A portrait of a demure little girl in an old-fashioned frock hung over the mantel, lighted by brass crane candlesticks. The electric lights were set in old copper sconces. While the furniture was of the simple Windsor type, the room had a basic charm which owed little to its contents. Curtains of ruffled organdie, in a warm shade of apricot, hung at the window on one side of the fireplace, and at the door on the other.

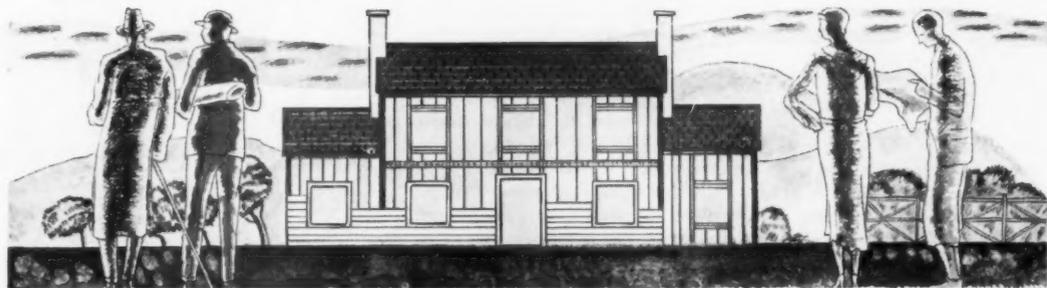
A long table and bench of the type seen in Early American homes stood in the center of the room, and a bookcase was placed against one wall. The sideboard, of pleasing Colonial design, held a few interesting pieces of pewter and silver, and stood beneath a still-life painting which caught up the tints of the orange curtains and the flame of the open fire.

To the left of the entrance door, a glass-enclosed porch occupied the front of the left wing. Meals are served here, on a round table painted black with bright green legs. The chairs also were green, with splint seats. The porch looked out on the front lawn with its inviting rustic furniture and flower-bordered path, and also on the little country lane that wandered past the side of the house.

Behind the enclosed porch, in the same wing, was the kitchen, a large and perfectly equipped room. Cooking is done by gas which is not piped from a main line but delivered and stored in tanks. Returning to the living-hall which joined the two sections of the house, we opened the door next to the fireplace. An open porch, screened on all sides, looked out on a stretch of meadow-land. Green iron furniture and bright flower boxes made this veranda a charming retreat.

On the right-hand side of the living room (Continued on page 72)

WHEN A FELLER NEEDS



AN ARCHITECT

ROOFS . . . windows . . . floors . . . heaters . . . plumbing . . . and so on, and *so on!* What a help it is to have a few experts among your intimate friends when you come to that thrilling, intricate adventure—building a home.

Get an architect off in a quiet corner and ask him a few pointed questions. He'll tell you that quality always pays, that no budget is too small to cover good design and good service. He'll show you that integrity at critical points of construction is plain common sense, and a joy forever! It pays, in many ways, to be *right*.

Even to casual callers, the bathroom speaks volumes about your way of living. The true story of your character and carefulness is told in your *facilities for keeping clean*.

Often you find Kohler fixtures and fittings in the homes of architects, real estate men and others who know more about plumbing than the man on the street. Any one appreciates the fine lines and lustrous finish of Kohler ware . . . the restful charm of its soft pastel tones . . . the clear whiteness of Kohler white and the brilliance of Kohler black. Experts know that the Kohler mark means through-and-through fineness, that Kohler engineers and workmen put a craftsman's pride in their products . . . a pride that blossoms again in your home.



A distinctive bathroom, having MAYFAIR bath and STOCKTON lavatory, both with Octachrome fittings and ROCKBOURNE closet.

Be sure that Kohler quality extends to the metal parts. Weakness here is a trouble breeder, a money waster—and a positive danger. All Kohler fittings are made of tough, rustless brass . . . using heavier, simpler parts . . . obviously more efficient in operation . . . good for many more years of fine service.

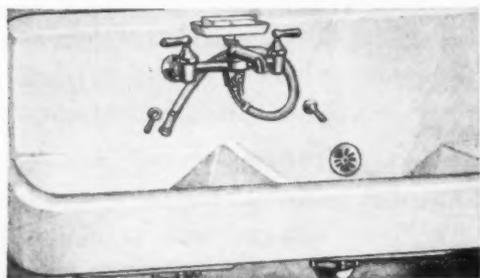
In country cottage or big-city apartment, the finest plumbing adds relatively little to the building bill and always *makes money!* Increases property values. Reduces running expenses. Prevents trouble. . . Besides paying daily dividends of comfort and pride, that careful people simply will not sacrifice.

If you plan to build or buy or remodel soon, get the advice of experts on this vital matter. Your own architect and plumber will show you how and why an all-Kohler installation gives maximum service at minimum costs. Meanwhile, write for an interesting new booklet, C-10, which shows the beauty and benefits

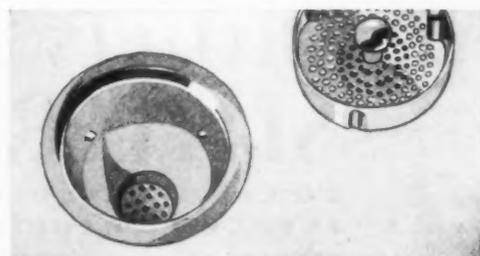
of modern plumbing, at its best. Write for it now. . . Kohler Co. *Founded 1873*. Kohler, Wisconsin. Manufacturers of Kohler Electric Plants. . . *Branches in principal cities.*

ELEVEN IMPORTANT POINTS

- 1 Kohler designs are decorative, purposeful, correct.
- 2 Enamel—fused with an everlasting bond . . . keeps its smooth, glistening surface.
- 3 Vitreous china—armored with a flat, lustrous, lasting glaze.
- 4 Kohler colors are soft, livable pastels. The white is a perfect white.
- 5 Metal fittings match the fixtures in style, character and quality.
- 6 Made of finest materials . . . show craftsmanship and care.
- 7 This year's Kohler products are next year's new ideas in plumbing.
- 8 Kohler quality extends to kitchen and laundry.
- 9 Kohler quality costs no more . . . and saves money later.
- 10 Handled and installed by qualified plumbers.
- 11 Backed by an entire community . . . beautiful Kohler Village.



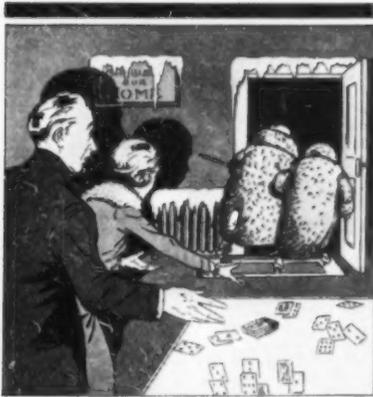
Double-compartment STAFFORD sink with Dynamic swing spout mixing faucet and Duostrainers.



Kohler Duostrainer—showing large five-inch drain opening and removable strainer cup.

KOHLER OF KOHLER

LOOK FOR THE KOHLER MARK ON EVERY FIXTURE AND FITTING



Icicles Keep the Smiths Out of Society!

Last winter the Smiths wanted to join the neighborhood bridge club, but you just can't invite your friends to sit around in cold rooms, and their radiators were *always* half cold.

But things are different this winter, thanks to a friend who told them the trouble was probably with the valves.

He was right. The hot air couldn't get in *because the cold air couldn't get out.*

They replaced the worn out valves with Cadwell No. 10 Air Valves, which stay open until all the cold air is out, but close up tight at the first touch of steam. No more "half-dead" radiators, they are piping hot *all over.*

If not at your dealer's we will send you as many Cadwell No. 10's as you may need for \$1.00 each, prepaid, and *guaranteed for five years.*

If you wish to go further and have a vacuum system, order Cadwell No. 20. Vacuum Air Valves instead of the No. 10. They increase the heat response, save fuel and completely modernize your heating plant. \$3.00 each. Order one for each radiator and one No. 20 Basement Return Valve at \$3.50. *Guaranteed for five years by*

The Beaton & Cadwell Mfg. Co.
New Britain, Conn.



Allows
the
Radiator
to Heat
From End
to End

For Steam Heat Only
MAIL THIS COUPON
Send No Money

The Beaton & Cadwell Mfg. Co.
Dept. 10, New Britain, Conn.

Gentlemen:

Please send me..... Cadwell No. Air
Valves at \$..... each. I will pay postman when
received.

Name

Address

A house assembled in three days

Continued from page 70

is the passage to the sleeping quarters. Two bedrooms, a bathroom, and a small cozy sitting room, with a disguised cot for the unexpected guest, furnish adequate accommodation for the household. The smaller bedroom had dainty draperies of rose and white toile. Beneath one window was a chest that performed as a bench and was covered in the same material, made with a deep ruffle. Braided rugs, a bedspread with an appliquéd floral design, and wall bookshelves were individual touches which combined to invest this tiny bedroom with a personality of its own.

THE SITTING ROOM

The little sitting room which occupied the front of the right wing of the house was flooded with sunshine. Apricot organdie curtains like those in the living room hung at the four windows. The cot-bed was disguised with a flounced covering of gay cretonne and a heap of pillows. Several wicker chairs, cushioned in the same material, and a large table completed the furnishings. The radio in one corner promised cheer during the winter months when the snow might pile in white drifts up to the window sills. This little room would preserve the spirit of summer, we felt, through the cold and dreary days until spring appeared again.

The grateful warmth of the house testified to a reliable heating plant in the cellar. The bathroom with its white porcelain fixtures was everything one could ask in the way of comfort. The closet space would arouse envy in the heart of many an apartment-dweller.

Its owners are well pleased with the durability of their home. The fact that it was assembled in three days' time, just as it stands, is difficult to believe unless one has some idea of its construction.

This type of portable house can be erected above an excavation if a cellar is desired, or it can be merely supported on wooden posts or concrete piers. As it is assembled from standard units, its size is elastic, determined by the number of sections which are purchased. Usually, the prospective owner consults with the manufacturers, giving them an idea of the size and layout desired. Blueprints are then drawn up in accordance with his wishes and the house is delivered in the requisite number of units.

THE EXTERIOR FINISH

These units are completely finished in the matter of paint and varnish when delivered. The outside of the house has been treated to three coats of lead and oil paint. The woodwork inside has been finished according to specifications, the standard job being a walnut stain. The floors have already received one coat of shellac, and the man who is sent by the company to supervise the assembling gives them a second coat after the workman are through, without any extra charge.

A cross-section of the wall of this Westchester house would reveal the

following construction—white painted clapboard, sheathing, building paper, air space, and insulating wall-board. Red cedar is used throughout as woodwork but the floors are of Oregon pine. The hardware is galvanized iron in an antique brass finish. Wall, ceiling, and floor sections come in units of standard size that fit together without the slightest difficulty, wooden stripping being used on the inside of the house to cover the joinings which occur at regular intervals. A unit is, of course, completely finished from the outermost layer to the innermost layer when delivered. Its dimensions will always be in multiples of six, that is, six feet long by twelve, eighteen, or twenty-four feet wide. This means that the wall sections are always six feet across, and several of these placed side by side give the depth of the house, while the length is achieved in the same manner. Hip and gable ends are furnished, so that, with the use of these, the units can be turned at any angle desired, and the shape of the house varied accordingly. Wedge keybolts fasten the sections together so that the only tools needed to set up a house of this kind are a screwdriver and a hammer.

WINDOWS AND DOORS

The type of windows and doors is optional. Sash, casement, or high casement windows may be selected and the doors may be of panelled wood, glass, or merely glass-panelled. Doors and windows with hardware attached are already fitted into the sections when delivered.

Endless variety is possible in finishing the interiors. For instance, if a gray-tan wall-board is used, it can be left in its natural state or it can be sized with glue or shellac and then painted any desired shade. If the house is to remain permanently on its site, the owners may prefer plastered walls. This can be done over any wallboard and subsequently painted or papered.

The Westchester house gained its spacious effect by means of an open ceiling. That is, the natural lines of the roof were left as a finish to the inside of the house instead of installing a flat ceiling which would conceal an air space between itself and the roof.

Although this type of portable house is erected in two or three days, about a month is needed to plan and assemble the required parts before shipment. The manufacturers send a man to supervise the work, and he hires local labor to assist him. The merit of a house that can be moved at will is obvious. As a summer dwelling, it satisfies that urge for change which actuates the whole world today. As a permanent home, the portable house has other points in its favor. It can be erected speedily and, once up, it stands ready for occupancy without the need of indefinite painting and carpentry. It can be enlarged easily and quickly at any time. Its appearance is simple, but homelike in its simplicity, and judicious planting will relieve any severity of line.

Hotels that keep ahead of your demands



The traveling public didn't demand a bath with *every* room, or circulating ice water, or a morning paper under the door at no cost — *until* Hotels Statler inaugurated these improvements.

There are also bed-head reading lamps, full-length mirrors, colorful furnishings, even threaded needles in the pincushions in every room.

In restaurants there is the widest variety, ranging from formal a la carte service to lunchroom or cafeterias.

But it is in Statler Service that this policy of keeping ahead of your demands is most noticeable. Statler employees are not only instructed but are *trained* in courtesy and helpfulness. They, too, keep ahead of your demands.

HOTELS STATLER

BOSTON DETROIT
BUFFALO ST. LOUIS
CLEVELAND NEW YORK
[Hotel Pennsylvania]

Fun for the CHILDREN

—these rusted,
leaking gutters

but troublesome and
expensive for you.



FOR the six-year-old this is no end of fun. For you it means spending money for new gutters and rainpipes, because metals that rust are bound to fail when used for exposed service—often within a few years.

Nor is the recurring expense of repairs and replacements the only reason for insisting on sheet metal work that will last. Even more important is the necessity of guarding against leaks at vital places, where roof surfaces join, and around chimneys, dormer windows and similar projections. In these places copper flashings, which cannot rust, are essential; for rustable flashings soon rust through and leak, admitting water to rot the woodwork, damage ceilings, walls and furnishings, perhaps even to weaken the very structure and foundation of the house.

To avoid such trouble and its consequent expense, be sure that the sheet metal work on your home is of rust-proof Anaconda Copper. Once installed, copper gutters, rainpipes and flashings last indefinitely. Though sheet metal work of Anaconda Copper costs somewhat more than rustable metal



Flashings and valleys are essential to proper roof protection. When made of Anaconda Copper they will not rust and leak.



Rain-pipes of rustable metal inevitably have to be replaced at considerable expense. Anaconda Copper lasts because it cannot rust.

in the beginning, it more than justifies its use by providing expense-free service as long as the house stands. You can readily identify 16 oz. Anaconda Copper by the trade-mark, which is stamped into the metal for your protection.

Just as sheet metal work of Anaconda Copper is always a worthwhile economy, so, too, Anaconda Brass Pipe for hot and cold water lines will actually save money—as will screens of Anaconda Bronze Wire on doors and windows. These rust-proof metals save the owner of the average \$15,000 house about \$62.00 yearly by eliminating repairs and replacements due to rust.

Send 25 cents for "The Home Owner's Book" by Roger B. Whitman. In addition to information on rust-proofing the home, it deals with important facts concerning planning, financing and maintenance costs. The booklet "Rust-proofed", containing full information on the advantages and economies of copper, brass and bronze, sent free on request. The American Brass Company, General Offices: Waterbury, Connecticut. Offices and agencies in principal cities.



Sheet Metal Work of ANACONDA COPPER

GUTTERS, RAIN-PIPES, ROOF FLASHINGS AND VALLEYS

Riverside Tanks

10 cents . . .

. . . out of every dollar spent in the building of the average American home is for the plumbing equipment.

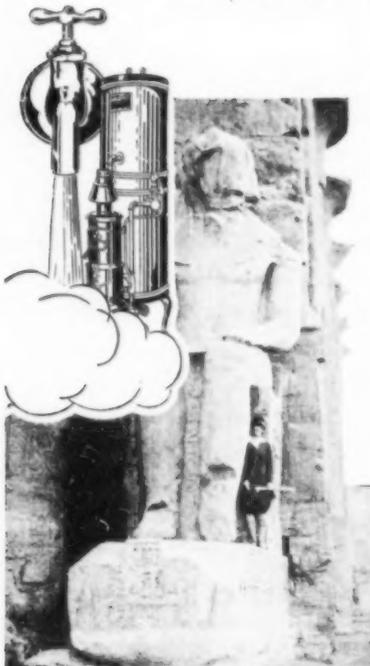
The difference in cost between installing a RIVERSIDE Copper Hot Water Tank . . . either automatic or non-automatic type . . . and a steel tank is but a trivial percentage of your total plumbing expenditure.

But, as your local plumbing contractor will tell you, it is a permanent economy to pay that additional price for copper . . . for copper will not rust, and the first cost is the last. Besides, it assures you clean, rustless hot water!

If you contemplate a new home or are planning repairs to your present home, you can become thoroughly posted on all methods of heating water by writing for our handsome booklet: "Hot Water Service for the Home," or check circular in panel below.

Riverside Boiler Works, Inc.
Cambridge, Mass.

On the air . . .
RIVERSIDE RAMBLERS
every Saturday night, at 6:45
. . . WBZ and WBZA



Like the Statue of Rameses II at Thebes, the Riverside All-Copper Tanks defy time and the elements

Check circular desired:
All-Copper "Packs" Water Heater
Copper Hot Water Tanks Oil Storage Tanks
Galvanized Hot Water Tanks Septic Tanks

for the American Home

The ounce of prevention

The fall clean-up in the garden that's
worth a pound of cure

PARKER T. BARNES

AN AMOUNT equal to ten per cent. of the value of our farm crops is paid annually by farmers, gardeners, and others because of damage to plants done by insect pests—and there is a similar loss from attacks of plant diseases. Part of this terrific loss occurs in your garden. You cannot stop it entirely; but you can materially reduce the damage by cleaning up your own garden this fall.

The scientists have been working hard to find out how some plant diseases are spread, and every year they find that more of them are insect-borne. Not all of them, by any means, but some of them. They also find that frequently weedy relatives of our cultivated plants are responsible for over-wintering of diseases. Our problem then is to get rid of as many of the insects as possible, and to disinfect the plants or plant refuse so they can do no harm. It is some job!

In a corner of my very small garden stands an incinerator—a 55 gallon oil drum, the top out and a couple of four-inch holes in the sides near the bottom for draft. Into it goes everything that is diseased or likely to carry disease. If there is not waste paper enough to burn the rubbish then kerosene is thrown over it so it will burn.

Burn up potato vines so as to reduce blight if possible. Tomato vines may be affected with wilt, for which there is no known cure, and leaf spot;

they are cremated as is Celery refuse, carrier of blight; Rose leaves harboring black spot and mildew; Hollyhock plants having hollyhock rust; also hollyhock relatives like the little Mallows—"cheeses" we called them when children; all China Asters, roots as well as tops, for so many of them have yellows. Phlox may have mildew; Asparagus tops, rust; Bean tops anthracnose; Cucumber vines, wilt; and Beet tops, the beet leaf spot. Gather all this refuse and reduce it to ashes—ashes carry no disease.

But don't be satisfied with going through the cultivated area only; clean up the whole place and as much of the surrounding ground as you can without arousing your neighbors' ire. To illustrate the value of cleaning up let me draw a little from the summary of Bulletin 1461 of the United States Department of Agriculture, entitled Control of Cucumber Mosaic by the Eradication of Wild Host Plants. Cucumber mosaic has been taking the profit out of growing "cukes." Careful study by S. P. Doolittle and M. N. Walker found that the seeds of the Wild Cucumber carried over the disease from year to year. Some folks grow these vines on trellis, porch, and arbor. Also, it was found that the disease over-wintered in the roots of Milkweed (*Asclepias syriaca*), Poke-weed, Ground-cherry (*Physalis heterophylla* and *P. subglabrata*) and Catnip. Then when spring and summer (Continued on page 84)

Colorful collations

Continued from page 36

The luncheon might start with anchovy canapés, followed by a thick white soup in black bowls. Next a broiled meat—such as lamb chops in white frills served on a black and white plate, and flanked on one side by riced potatoes and on the other by either white turnips or creamed onions, each vegetable supporting two broiled mushrooms and a black walnut pickle. Celery and black olives may be served also. Or omit a meat course altogether and serve eggs Benedictine surrounded by broiled mushrooms in a ring with outskirts of the white vegetables marked off by pickled walnuts and the black olives that are preserved in oil. Then, one could have a simple dessert of blackberries and cream or molded charlotte russe decorated with black cherries. Black coffee in black and white cups would conclude the meal.

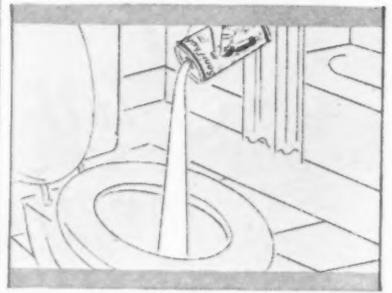
For a formal dinner, especially a hot weather affair, no color scheme can possibly equal in coolness and dignity a setting of crystal and white. For the white dinner, serve fresh pineapple, sweetened and mint flavored, a cream of chicken soup, boiled whitefish or halibut with butter sauce and hard boiled egg-white rings, and rice, roast veal with lemon ice, cauliflower in white sauce, or creamed celery knobs, mashed potatoes or

artichokes with a relish of peeled radishes and cucumber slices. A salad of endive with French dressing, might be followed by a white mousse or ice cream and angel cake. Coffee and white mints would complete the menu.

A charming colorful breakfast setting could be deliciously carried out in yellow. Set the table with Italian or Spanish pottery in a definite yellow, on a cloth of deep cream, yellows, and greens. Let the breakfast be served *al fresco* if possible; if not flowers and foliage will have to do duty for the real out-of-doors.

A center of yellow tulips or jonquils in a pottery bowl or a group of colorful fruit would be good. Finger bowls of yellow and green pottery or of clear green glass might be used. Pottery jars could serve as a decorative note as well as the source of supplies for jam and marmalade, and golden honey in clear white glass wins on its own merits. Serve cantaloupe first, or honeydew melon with lemon and orange quarters. Follow the fruit with an omelette or eggs scrambled with mushrooms. Then toast and hot corn cake and the yellowest butter, followed by the coffee in wide, thick pottery cups with yellow lump sugar and big, white glass pitchers of cream.

An unclean toilet bowl is DANGEROUS

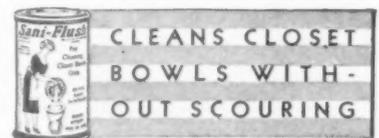


AN UNSANITARY toilet bowl is an ever-present menace to the health of a household. But such a danger is the simplest thing in the world to avoid. Merely sprinkle a little Sani-Flush in the bowl, follow the directions on the can, flush, and immediately the bowl is spotless.

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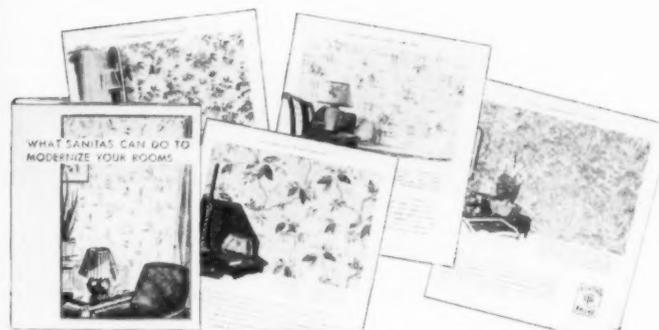
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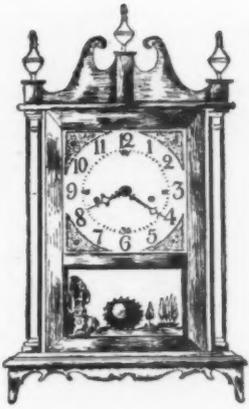
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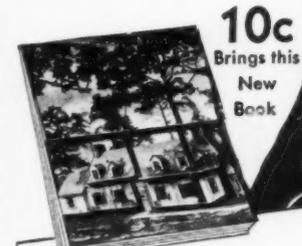
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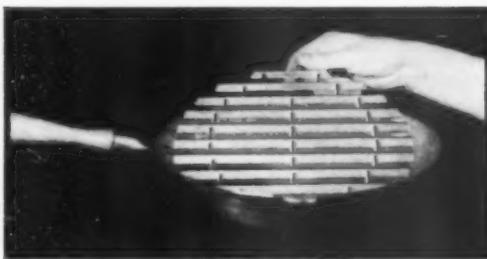


FOR chill fall days not quite cold enough to start the furnace, for bath, sun-room, rooms hard to heat. This clever unit was found at Standard Electric Stove Co., Toledo, Ohio, average price \$25. Has insulated walls and a refractory base which throws glowing heat outward.

This October our readers will find seven new home devices which come from all over the country. The prices show value, and every one is not only useful but has some unusual and unique features which make it hold special interest at this time of year. Send checks or money orders direct to the firm names given, for prompt attention and shipment.

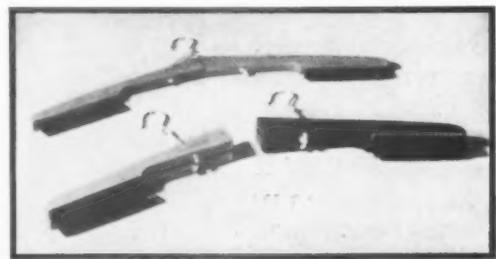


SPINACH, carrots, and prunes better look out now, for mother can put them through this monel metal sieve with spatula, removing fibres, or stringy lumps. Glass container, spatula, sieve and cover (without dish) \$1.50 p'paid from the Baby-Siv Co., Schenectady, N. Y.



AND what have we here?— A brand new aluminum grid to fit your skillet so you can broil steaks, chops or fish in it—thus making the utensil doubly useful. This was discovered among the other products of Wagner Manufacturing Co., Sidney, Ohio; 75 cts. for the broiler grid, p'paid east of Rockies, \$1, p'paid west.

THE oldest, most familiar kitchen utensil is now the newest electric appliance! Engineers out at the West Bend Aluminum Co., West Bend, Wis., have spent a great deal of thought in designing this fine unit out of heavy, solid aluminum with nickel-plated base and extra fine electric unit and cord. Five-pint size; \$7; is handy for breakfast and nursery duties, or first aid; the ten-pint size, \$8.50, is a boon to the farmer and dairyman. Prices FOB.



THERE is a gentleman in this town named Hamilton O. Cornwall, 225 5th Avenue, who specializes in thousands of small items and this clothes-brush hanger at 3 for \$3 p'paid, is typical. Extended it is a hanger, folded it makes a brush right where and when you want it. A good bridge prize or for college students this fall.



HERE (left) is something entirely new—Dri-Stool; a kitchen stool, all-metal, and finished in green or parchment enamel, combining 32 feet of folding rust-proof-plated rods for clothes drying. Saves steps, saves space, adds color. It is made only by Sommers Brothers Appliance Co., Saginaw, Michigan, and will be shipped prepaid USA at \$5 each, complete. Mothers particularly will find it a boon.

DON'T for a moment think that these are merely "more electric vacuum cleaners!" The larger is for small apartments where a big heavy machine isn't needed. At \$15 it is guaranteed by a reliable maker, and is ideal for light work. Smaller model, \$6—is a toy, but its motor actually removes crumbs, etc., from rugs. The young mistress of the house will find it a joy forever. Both delivered 50 miles NY by Mayfair Playthings Store, 9 East 57 St.





Both sides of these casements can be cleaned from within the room. Every housewife knows the convenience of such a feature.

delicately designed casements etched with sinews of steel

EVEN the most familiar landscape takes on a modern glamour when seen through the lovely lines of these mullioned casements. They segment the view, and enhance its charm and restfulness.

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steel will not warp or stick in damp weather. The famous Lupton friction-hinge assures effortless operation, and keeps the window from chattering in a night-wind, and destroying sleep.

They carry the most advanced window-improvements. Screens and draping-brackets—even plate glass—can be ordered, at minimum cost, with the window. Spring pivots make it possible to attach or detach the screen within one minute.

Lupton Home Casements will add materially to the beauty and comfort of your home. Yet quantity production brings their prices within range of even the modest home. We have prepared a most helpful booklet on window-decoration entitled, "Your Windows Through a Decorator's Eye." May we send you a free copy? David Lupton's Sons Co., 2267 E. Allegheny Ave., Philadelphia, Pa.



Plenty of light and air are provided by Lupton Home Casements for this comfortable reading corner.



Lupton Home Casements add window-beauty to the walls of these charming residences.



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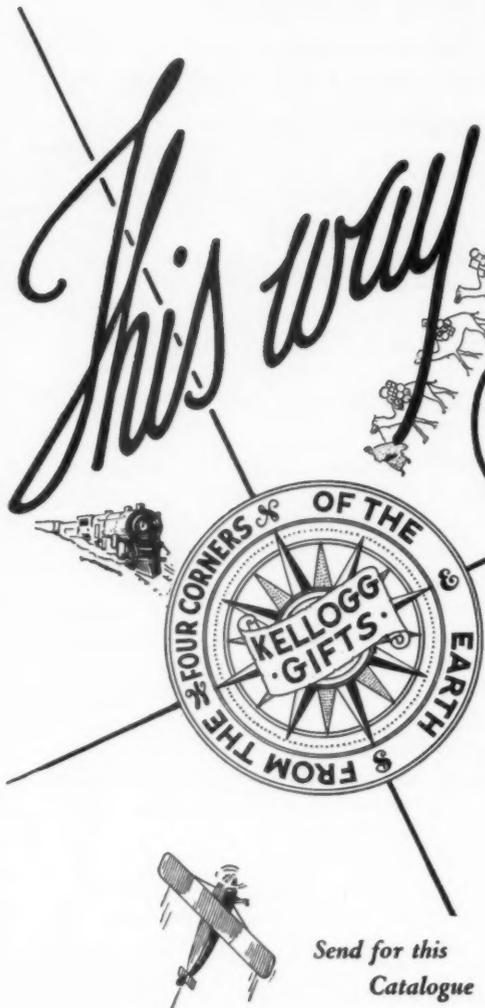
—HEARTHSTONE EDITOR

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(Continued on page 82)



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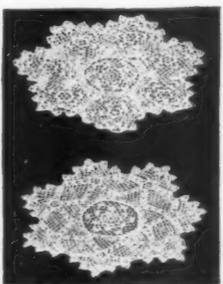


687.—These two black wrought iron cats were made to hold books up straight. They will do it perfectly—on one condition—that you let them off from 12 to 2 Saturday nights. They have appointments. 5" high. The pair \$1.50.

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To See and Not Be Seen 645.—A dandy periscope. You can see over tops of snow forts, over people's heads in a crowd, over fences, around door jambs, etc. 17 in. long. It is the most practical and fun giving toy we have seen in years. . . . 75¢



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Rather a Rare Value 916.—Genuine pigskin leather with dark brown leather lacing combine with a sense of good looks to make this BILL FOLD a suitable gift for any male, young or old. . . . \$1.75



On Venetian Waters 710.—Luigi the gay gondolier and his loving Angela. BOOK ENDS of imported lustreware pottery in the new crackled finish. Ivory in tone set off by lines of brilliant color. 6" high. . . \$2.85 per pair

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THE ROSEVILLE POTTERY COMPANY, Zanesville, Ohio

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Continued from page 80

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Interior Decoration

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For my information only, will you please state briefly, the plans you have in mind which lead to your request for booklets.

Be sure that you have first looked through the advertising pages and requested booklets direct from the advertiser wherever possible.

—HEARTHSTONE EDITOR

HEARTHSTONE EDITOR, THE AMERICAN HOME, GARDEN CITY, N. Y.

1. I am planning to

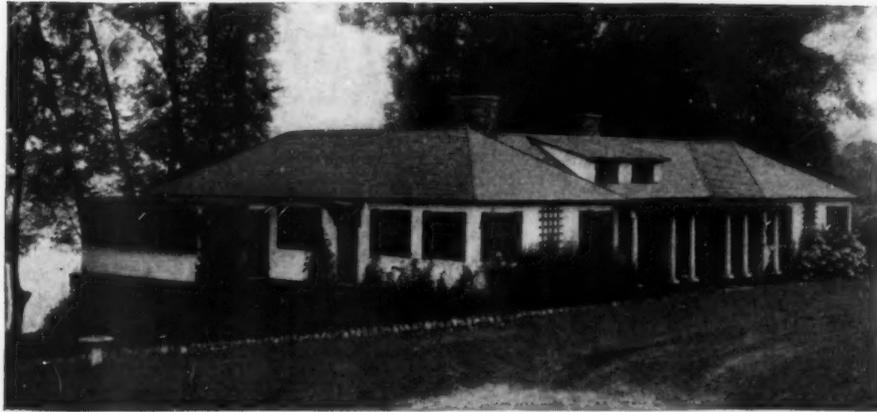
2. Please send (at no expense to me) the following booklets.
(Insert numbers from list)

Name

P. O. Address

City.....State.....Oct.

**YOUR HODGSON HOUSE
IS COMFORTABLE IN
ANY KIND OF WEATHER**



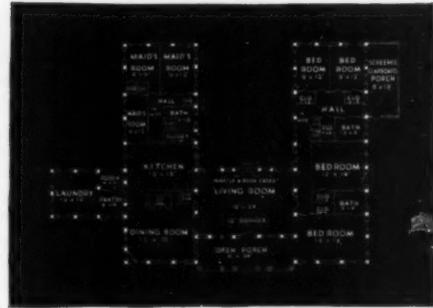
MANY PEOPLE who are delighted with the ease and quickness of erecting Hodgson Houses have asked us whether they are practical for cold weather. The best answer is the experience of those who have used their Hodgson Houses all year 'round—some in the most rigorous climates. Their letters are reprinted in our free booklet.

Insulated with Celotex, a Hodgson House defies extremes of heat or cold, and if you install well-planned fireplaces or a heating plant, you are assured plenty of warmth. The house is staunch; the blasts of winter will not shake it, and you'll have no repairs for years. Weather-proof cedar and Douglas fir are used in construction.

But it is the method of erecting, which

eliminates the bother, delay and unexpected expenses of building, that particularly recommends a Hodgson House. Send for our booklet K, and choose a floor-plan which suits your needs. We build your house in sections; ship it ready to erect. In a few days it's up, and ready to occupy. If you don't care to erect it yourself, we will be glad to send a construction foreman who will handle the job.

If you've wanted a lodge for winter sports, even now it's not too late for this season. Write to E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, or 6 East 39th St., New York City.



HODGSON Houses

With Winter on the way

Do you have a Modern Water System?

Running water is a year around necessity, but we appreciate it most when winter winds are howling. HOOSIER Water Service will save you those shivering trips to a snow-bound pump. There is still time to select the Unit suited to your needs and have running water before winter comes.

The HOOSIER deep well model illustrated is entirely automatic, strongly constructed and with all waterways protected by the famous GALVAZINK process, it will give you dependable, trouble-free service with attention only once or twice a year. There is a HOOSIER for every other requirement.

FREE BOOK

Your copy of the interesting and instructive booklet, "How to Have Running Water," will be mailed promptly on the receipt of your name and address. There is no cost or obligation to you.



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47 OAK STREET KENDALLVILLE, INDIANA

ALSO BUILDERS OF THE FAMOUS STAR WINDMILLS

Tulip Salt Dishes . . . Set of 6



The SET \$3

Made of glass, green or pink. With six sterling silver spoons. Send for catalog.

POHLSON Dept. 25, PAWTUCKET, R. I.

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Easily applied to Furniture, Closet Doors, etc. Catalog showing 800 Designs of All Types and sizes in color and usually sold for 25c. will be sent, until Oct. 10th, for 15c.

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Ross Crane, Author of "Interior Decoration," writes, "Your charming book might well be called 'A GUIDE TO CLOCKS.' It is informative, interesting and should create a new conception concerning the use and need of clocks in furnishing a home." This sixteen-page brochure with illustrations in color, suggests the selection and placement of clocks in each room in the home. Send name and address for your copy.

CLOCK MANUFACTURERS ASSOCIATION OF AMERICA
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Sound, expert advice by the best known gardening experts in every issue of *The American Home*, a new home and garden magazine that sells for only \$1 a yr. Address, Garden City, N. Y.

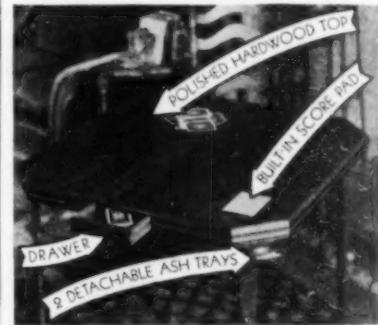
Change to the COAL BURNING MULTI-FLOW HOT WATER HEATER with AQUA-MATIC REGULATOR

if you are interested in a substantial cut in your fuel bill each month. The Multi-Flow assures you of an abundance of steaming hot water day or night. With the new AQUA-MATIC REGULATOR, but scant attention is necessary. In the average home, once every 2 or 3 days. Rapid circulation through copper coils. Fittings of bronze. No rusty water. Connects to boiler. Let the Multi-Flow solve your hot water problem. Send today for descriptive folder and prices.



Red Vitreous Enamel Jacket

The National Pipe Bending Co.
207 River Street New Haven, Conn. Est. 1883



New Idea in CARD TABLES

MADE of beautifully-grained hardwood—walnut, mahogany or gum—especially prepared for card playing. Sanitary and stain-proof. Strong and durable . . . dependable, easily-operated folding mechanism. Built-in score pad, flush with top of table and fed from a continuous roll. Detachable ash trays for two corners. A self-latching drawer for cards, pencils and ash trays when they are not in use.



WE WILL SHIP DIRECT if not yet available through your favorite furniture store, department store or decorator. Wrapped in flannel covering, packed in individual carton. Send for illustrated folder and prices. THE COWDIN COMPANY, Dept. E, 227 Davis Street, Portland, Oregon.

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THE Cowdin TABLE



AUTOMATIC HEAT . . . with an EXTRA ROOM

HERE is an extra room in your home waiting for you to use.

Your basement can become a livable room—suitable for a playroom, den, workshop, gymnasium or any other use.

There is no soot, no dirt, no fuel storage, no ash removal, no noise. Ideal Gas Boilers burn noiselessly, cleanly and efficiently. And they automatically keep your home at just the temperature desired without any attention from season's beginning to season's end.

IDEAL GAS BOILERS



Mail the coupon below for a free folder that will tell you all about Ideal Gas house heating.

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Division of
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What you ought to know about spring bulbs

I. GEORGE QUINT

WHEN the first Crocus pokes its dainty head through the earth and raises its face to the sun, then and not until then, is spring officially welcomed by the gardener. And when masses of bulbs, planted the previous fall, burst into bloom in front of shrubbery, along garden paths, under trees and on lawns, then is the gardener's delight supreme. There is no mystery about these bulbs. Their culture is relatively easy, but they should be planted soon. Important points are covered in the following questionnaire:

1-What are the most popular spring flowering bulbs?

Crocus, Narcissus, Snowdrops, Tulips, Hyacinths, Scillas, Chinodoxa, Muscari, and the hardy garden Lilies. The Tulip is the most popular and most widely grown.

2-How can the various types of Tulip be recognized?

Darwins: Long stems, self-colored, blends of rose-lilac, gray-violet, lavender, heliotrope, and scarlet; no yellows. Flowers cup-shaped or globular. Breeders: Darwins in bronze, buff, and brown hues. Stems even longer and flowers even larger than Darwins. Cottage: Long, slender flowers, with narrow, pointed and reflexed segments. Many colors not included in Darwin type. Long, slender stems. Parrots: Yellow, red, and green blotches of color. Petals fringed and deeply cut.

Bizarre, Bybloem, and Rembrandt types: Late blooming. Feathered, striped flowers in gay, unusual colors.

3-What kind of soil do these bulbs require?

Rich, mellow, well drained and deeply spaded soil will pay the greatest dividends. When planting, dig up the soil and expose it to the sun and air until it crumbles. Work it well so that there are no lumps. Mix with bone meal or well rotted barnyard manure.

4-How should bulbs be planted?

The following chart should solve most problems:

NAME	DEPTH	APART
Crocus	3 in.	4 in.
Chinodoxa	3 in.	4 in.

Lilies	8 in.	12 in.
Narcissus (large)	5 in.	8 in.
Narcissus (small)	3 in.	6 in.
Hyacinths	5 in.	8 in.
Tulips	4 in.	6 in.
Scilla	3 in.	4 in.
Muscari	3 in.	5 in.
Snowdrops	2 in.	3 in.

The rule of thumb is to cover the bulbs about 1½ times their own depth. It is best not to dig a hole and then drop the bulb into it, but to dig a trench the required depth and length, and place the bulbs in it at regular intervals. In planting a circular bed, dig trenches starting from the center and continuing to the circumference.

5-After bulbs are planted how should they be treated?

Planting early enough, in October, so that the bulbs may make root growth before the heavy frosts set in, give them a light mulch. Watch for the unusually mild days in winter, when bulbs may start to send up leaves. In such event, cover the earth with straw or soil, so that the leaves will not be injured. Last winter many plants were ruined in New York State because of the extremely mild weather for days at a time. Leaves shot up, and gardeners neglected to cover them, so that when frosts again came the plants were spoiled.

6-What treatment should be given bulbs after flowering?

Hardy bulbs need not be lifted every year. Once in three years will be sufficient. Remove the bulbs after the flower stalks turn white and before they become brittle. This is usually about the end of June.

7-How should bulbs be cared for after being taken up?

Clean the bulbs and store in a cool, dry place, preferably in boxes or trays with sand.

8-After bulbs finish blossoming there is a bare spot in the garden. What can be done to eliminate this condition?

Plant shallow-rooted annuals in the places left vacant. Deep-rooted annuals may be planted, by removing the bulbs and their stalks; and heel in the bulbs in an unused corner of the garden until August, when they should be dug and cleaned, then put away.

The ounce of prevention

Continued from page 74

came the striped cucumber beetle carried the disease from the Wild Cucumber to the cultivated plant; and the melon aphid was the chief agency in transmitting it from those other hosts. Thorough eradication of the offending hosts for a distance of fifty to seventy-five yards from the Cucumbers gave very satisfactory control of the disease for which previously, there was no method of known protection.

This gives you, I think, a graphic example of the value of a thorough clean-up of the premises. Get the roots as well as the tops when removing the weeds. And burn them.

Now I need humus in my South Jersey garden for the soil is just plain

sand. I am going to save all the vegetable matter possible. I have a compost pile on which the safe things will be turned into humus, together with the leaves from the street, by the aid of some Adco.

Corn is the only vegetable in my garden (outside of Tomatoes) and the stalks will go on the compost pile for all smut boils are removed and burned as soon as they appear. It is also safe to throw in all the weeds that may be gathered up, with the exception of those previously mentioned as carrying diseases; also the refuse of Salsify, Parsnip, Onion, Cauliflower, Cabbage and Carrots. There may be insects on them but they cannot withstand the heat of the fermenting compost pile.

So far beyond mere Beauty! MULLINS enclosures



DECORATIVE? Yes! Mullins Radiator Enclosures and Shields offer an artistic solution to the radiator problem . . . Versatile? In three beautiful finishes Mullins Enclosures lend themselves to placement in any room, with the radiator transformed into a window seat, a console, a bookshelf, etc. . . . Healthful? Indeed, yes! For their scientific design is conducive to correct circulation of humidified air, heated to suit your needs . . . Economical? Priceless! For they save fuel, labor, drapes and walls—and eliminate "radiator smudge"!

So it is that Mullins Radiator Enclosures and Shields are far beyond mere beauty, though they are indeed beautiful. For they afford a means of enhancing the livability of your home, at the same time promoting the health of your entire family and effecting definite economies.

And . . . Mullins Radiator Enclosures and Shields are inexpensive; if you wish, one room at a time may be Mullins-equipped.

Booklet, "A Luxurious Necessity" free . . . send the coupon, now!

Mullins Manufacturing Corporation
1120 South Ellsworth Ave., Salem, Ohio



Mullins Manufacturing Corporation,
1120 So. Ellsworth Ave., Salem, Ohio

Please send me a copy of the booklet, "A Luxurious Necessity" . . . free . . .

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ADDRESS _____

FORESTBLEND FACE BRICK IS PERMANENTLY BEAUTIFUL



YOU CAN BUILD this Forestblend home for \$8,000

Here is a Popular English type home of permanently colorful Forestblend face brick which you can build at a very low figure. It is not a cheap dwelling by any matter of means. On the contrary, quality materials are used throughout. However, excellent planning, together with skillful handling of materials, makes it possible to erect this building at the remarkably low figure of \$8000.

This Forestblend home would be a source of pride to any owner or any community. Skillful architectural design has created this charming home with exterior walls of Forestblend face brick. These walls will never need painting. Their color is burned in to last for all time. They are fireproof and the dwelling costs less to insure.

This home is but one of many shown in the Forestblend Plan Book "Beauty in Brick." Write for this book today. It contains illustrations of forty-five homes and floor plans as well as many pertinent suggestions which will save the prospective builder money. The price is only fifty cents.

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The Finzer Bros. Clay Co.
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Gentlemen:
Send me your new and enlarged plan book at once. Enclosed is fifty cents.

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

Keep Your Baby Safe!

Hartford Courant
June 23, 1930

City Nursery Babies Died Tragically

In Last Year Two Have Strangled When Heads Were Caught Between Bars of Cribs There

Facts Revealed By Investigation

Charity Board Meeting Tonight Will Discuss Troubles of Municipal Home Administration

Accidental strangulation in cribs at the nursery of the Municipal Hospital has been the fate of two infants within the past 13 months, it was learned Sunday.

In both instances, the babies were found dead with their heads caught between widely spaced bars of the cribs in which they had been placed. The first death occurred about one year ago, and the second February 13 of this year.

After the second death by strangulation, in February of this year, action was taken to safeguard against a possible recurrence. Following the repetition of the first fatality, screens were placed in the infants' beds which officials say will prevent further recurrences.

Dr. Henry Katz, president of the Board of Charity Commissioners, who have jurisdiction over the Municipal Home, Sunday identified the public

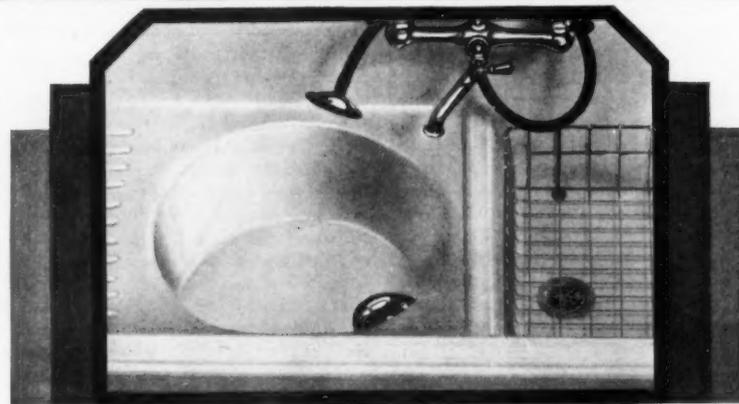
This Could Never Have Happened in GEM CRIBS

Gem Cribs have been built to prevent just such dreadful accidents. Even the tiniest baby's head cannot get wedged between their narrowly spaced bars. Gem Cribs are not only lovely in design. They assure you absolute safety for baby. Write for our free booklet on safe and beautiful nursery furniture.



Gem Crib No. 3052 is an example of our beautiful and serviceable cribs at medium price. It is 30" wide and 56" long. The color is ivory with the panels in a dainty shade of baby blue, delicately striped and ornamented. It may also be had in a variety of other lovely colors to suit individual tastes.

GEM CRIB AND CRADLE CO., Gardner, Mass.



The BUILT-IN DISHPAN
... a New and Exclusive Feature

"EBCO" DISHWASHING SINK

A commodious, round compartment 15 1/2 inches in diameter by 8 1/2 inches deep—self draining—built into the sink—permanent. No unwieldy dish pan to scour and store. And on one side, a rectangular compartment with special wire drain basket for racking and sterilizing dishes—on the other, a large drainboard. The "EBCO" has all the advantages of an ordinary sink plus the exclusive "EBCO" utility features.

Obtainable in white and colors... 60 in. and 42 in. in lengths... with or without legs. Right or left dish pan.



MANUFACTURED BY
The D. A. Ebinger Sanitary Mfg. Co.
409 W. Town Street, Columbus, Ohio

Send Complete Information about the "EBCO" DISHWASHING SINK

Name.....
Street.....
City..... State.....



"Once again this window shade is clean... I scrubbed it!"

HER HOME was a model of tidiness. Draperies, woodwork, rugs, everything was always spotless, everything but the window shades. She just couldn't keep them clean. Dusting wouldn't do it. Even a damp sponge wouldn't do it. The dirt worked right into the window shade fabric.

Then she heard about TONTINE—the welcome new window shade that can be scrubbed again and again. Each time its original beauty is restored—as dainty and fresh as new.

Tontine shades come in a wide range of beautiful colors, figured designs and the corded effects now so popular. Impregnated with the same basic substance as that contained in the famous du Pont Duco, they will not fade, pin-hole or fray. Sunlight and rain will not harm them. For complete window shade satisfaction, ask to have them mounted on TONTINE guaranteed rollers.

SPECIAL OFFER

A Sample Tontine Shade for \$1.00

We want you to see that everything we say about du Pont Tontine is true. Send us the coupon below with a dollar bill, checking which color you prefer. We will send you a shade specially made up to your measurements. When you get it, test it. Deliberately smear dirt on it—then scrub with a brush, soap and hot water. Its beauty will be instantly restored. Only one shade (not exceeding 40" wide) can be sent to any one home at this special price. The regular retail price, depending on length, width, etc., at the authorized Tontine dealer's in your city, is from \$1.75 up.



TONTINE
Reg. U. S. Pat. Off.
THE WASHABLE WINDOW SHADE

Consult the classified business directory in your telephone book for the name and address of the authorized Tontine dealer in your city.

Follow These Details

Measure from tip to tip, including pins. Use yard stick.

Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram above). Measure also length of shade unrolled. Fill out coupon fully. Pin \$1.00 to coupon.

(This offer closes January 1, 1931)

E. I. DU PONT DE NEMOURS & CO., Inc. A. H. 10
100 Du Pont Avenue, Newburgh, N. Y.

Canadian subscribers enclose \$1.50 and address coupon: Canadian Industries, Limited, Fabrikoid Division, New Toronto, Ontario, Can.

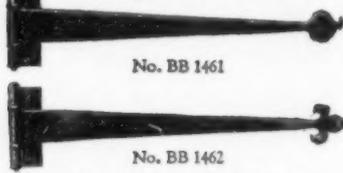
Herewith \$1.00 pinned to coupon. Please send me complete Tontine shade... inches wide, tip to tip (cannot exceed 40 inches), and... inches long (cannot exceed 72 inches, shade unrolled).

White Ecru Cream Green

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

NEW Stanley Hardware

Ball Bearing Garage Hinges Wrought Iron Finish



Two distinctive designs in ball bearing garage hinges—long, graceful and sturdy. Edges are peened and ends are hand-hammered. Furnished in any wrought iron finish.

Wrought Steel Thumb Latches Wrought Iron Finish



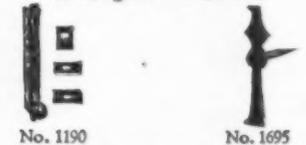
Mortise thumb latches to match hinges shown above. Handles and thumb pieces are hand wrought. Furnished in any wrought iron finish.

Cupboard Hinge and Latch Wrought Iron Finish



No. 277 Hinge and No. 1124 1/2 Latch are designed for use on cupboards, cabinets, bookcases, etc. Furnished in any wrought iron finish.

Wrought Steel Surface Bolt Wrought Steel Shutter Turnbuckle Wrought Iron Finish



No. 1190 Surface Bolt is for use on French doors and casement sash. No. 1695 Shutter Turnbuckle is made to hold back shutters. No. 1190 furnished in any wrought iron finish; No. 1695 in Dead Black Japanned.

All the above items are treated with a rust-resisting base before final plating

Ball Bearing Double Acting Floor Spring Hinge



Designed for use on double acting doors. The ball bearing carries the weight of the door and also takes the thrust of the door and spring. Holds the door open at a 90° angle on either side. Made of wrought steel, with drop forged cam and tempered steel compression spring. Side plates are highly polished and heavily plated. Adapted for use on doors from 1 3/8" to 1 3/4" in thickness.

THE STANLEY WORKS
New Britain, Conn.

STANLEY HARDWARE



Spring flowers from fall set bulbs

Continued from page 43

thoroughly with the soil at planting time or several weeks before. A stiff clay may be improved for bulb culture by working in a considerable quantity of sand or wood ashes.

The depth at which bulbs are planted is the most important single item in their culture. The following table indicates the depth at which the different bulbs are best planted and the minimum distance apart for maximum development.

PLANTING DEPTHS AND DISTANCES FOR HOLLAND BULBS

	Depth of top of bulb below level of soil	Minimum distance between bulbs
Anemones	1 inch	6 inches
Crocuses	2 inches	2 inches
Snowdrops	2 inches	3 inches
Grape Hyacinths	2 1/2 inches	3 inches
Scillas	3 inches	3 inches
Colchicums	3 inches	4 inches
Tulips	4 inches	5 inches
Hyacinths	4 inches	7 inches
Narcissus	4 inches	12 inches

Note: On very light soils increase depth slightly.

For even height and simultaneous bloom it is essential that bulbs of uniform size be planted at a uniform depth. This is easily accomplished by making a trench or furrow of the necessary depth to leave the top of the bulb the correct distance below the natural level of the soil. Place all the bulbs in position before filling the trench. Keep a layer of loose soil in the bottom of the trench or provide a half-inch layer of sand. The use of sand is especially helpful in providing drainage in heavy soils. It is difficult to secure an even planting depth where trowels or dibbles are used. Give each plant sufficient space for maximum development as is indicated in the table above.

Generally speaking with the exception of the Narcissus, which are no longer imported, most of our spring flowering bulbs are grown in Holland; hence the term "Dutch bulbs." The bulbs are stored in Holland from June until September, arriving in America during September and October. They are planted here during October, November, and December—so long as the soil is workable. If winter comes early in your locality, prepare the soil late in the summer and cover with twelve to eighteen inches of straw to keep the ground from freezing before the bulbs may be secured and planted. Even early spring planting frequently is successful. If conditions make fall planting impossible do not give up the pleasure of a Dutch bulb garden but plant the bulbs as early in the spring as possible.

After the ground is permanently frozen for the winter apply a top dressing of straw, moss, or well-rotted manure. Too early mulching causes fall sprouting. Leave the mulch on in the spring until freezing weather is past, then remove it and keep the surface of the ground loose and free from weeds after the foliage appears. Avoid removing the foliage when cutting the blooms. The foliage grows for a few weeks, storing up energy to produce flowers the following year, and then dies down and does not reappear until the next spring. Cut off all blossom stems after the petals have fallen to prevent the formation of seed. This also helps to conserve the energy of the bulb, diverting it toward greater flower production the following year.

Many pleasing combinations of spring flowering bulbs with other garden flowers and shrubs may be worked out by lovers of color harmony.

Van Houtte Spirea appears even more lovely with a foreground of Narcissus, Tulips, or Hyacinths of almost any shade. Bleeding heart is set off to excellent advantage with white Tulips. Many of the Dwarf Iris combine beautifully when used as a border for bulb beds. Try some Forget-me-nots (blue) with red or white Early Tulips, white Hyacinths, or yellow Daffodils. Hardy Pinks (Dianthus allwoodi) may be used in front of Narcissus to hide their withering foliage.

Most of the Dutch bulbs lend themselves to naturalizing in grassy locations in meadows, on hillsides, beneath trees, along walks or drives, and along the banks of pools or streams.

Narcissus is the bulb most commonly used in naturalizing in large numbers and when planted in this way they make a beautiful display. The small early flowers such as Snowdrops, Crocuses, and scillas are very pleasing when used in this manner in lawns or along walks and drives. The bright Grape Hyacinth is especially beautiful when planted among the trees in an open woodland, or in shady places about the lawn or garden.

In naturalizing any flower it is wise to plant in masses of one species and variety to secure the desired effect. Mixed plantings fail to give the same impression of size and numbers that is secured by only one kind. The smaller bulbs, such as Crocus and Snowdrops, are best planted by lifting a piece of turf with a trowel, inserting the bulb, and replacing the turf. Large bulbs, such as Daffodils, must be carefully planted at the right depth and surrounded with good mellow soil. Once established a naturalized planting almost takes care of itself and as the numbers increase from the multiplication of bulbs, the effect becomes more pleasing each year. Most species do not multiply sufficiently rapidly, when growing under naturalized conditions, that frequent division of the bulbs is required. About the only necessary precaution is to avoid mowing the grass above the bulbs until the leaves of the flowers have died down of their own accord.

Hyacinths are seldom naturalized but are reserved for more formal uses. They do best in a sunny, open location and prefer a sandy soil. For this reason it is well to add considerable sand to heavy soils in which Hyacinths are planted or to use sand in the bottom of the bed, placing the bulbs directly upon the sand. It is a waste of time and money to plant them in poorly drained soil. Hyacinths generally do not succeed well when planted in the spring. Plant them as early in the fall as the bulbs may be secured so that they may make their maximum root growth before blooming.

Although Hyacinths prefer a sunny location, the brighter colored flowers are likely to fade unless they are protected from the direct rays of the midday sun. (Continued on page 88)



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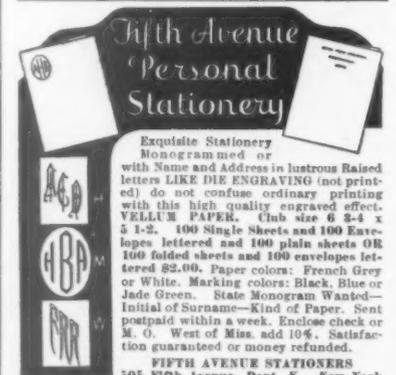
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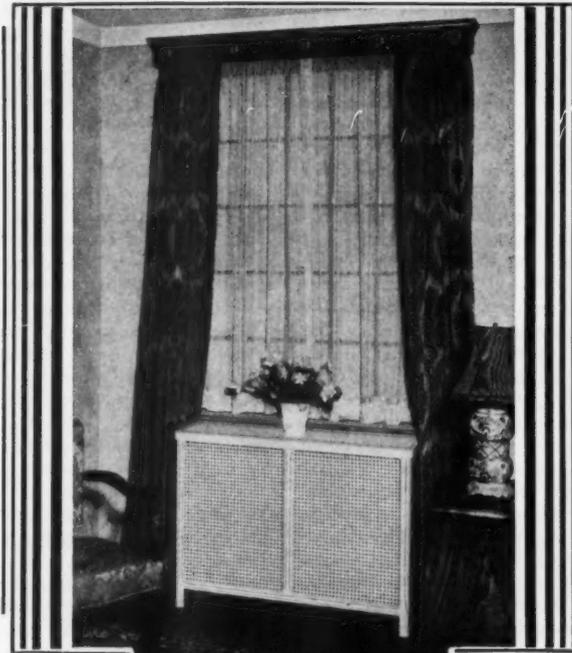


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Spring flowers from fall set bulbs

Continued from page 86

Their bright, vivid colors are their greatest charm. In planting beds, one solid color usually proves most effective, although many color combinations work out very effectively. In formal plantings a contrasting color may be used as an edging or border planting to set off a large bed of a single variety. In the less formal garden many harmonious color blendings may be secured by using the more delicate shades.

The gay Snowdrops and the Crocuses often bloom before the last spring snow has melted away. These are followed by Scillas and early Hyacinths in quick succession and as the sun becomes a little warmer, the Daffodils and white Narcissus furnish a wealth of bloom and beauty. The dainty blue of the Grape Hyacinth is not seen as frequently as it should be in smaller gardens but once its beauty is discovered it always is admired. The large double Hyacinths present a picture of exquisite beauty and their fragrance is loved by many. The Early Tulips are well in bloom before the beauty of the Hyacinths and Narcissus fades and their brilliancy and variety of color warms the heart of any garden lover. Following the Early Tulips come several other types; the Darwins with their distinct and stately style of growth, bearing flowers of many shades on long, strong stems; the popular Cottage or May-flowering Tulips noted for their extreme hardiness and long lasting qualities, and the Old Dutch or Breeder varieties, whose colors are unexcelled by any group. For those who prefer them the double Tulips present a pleasing diversion and to those who have a keen sense of humor the Parrot or Dragon varieties, with their grotesque forms and brilliant colors, furnish the subject for many a laugh.

The indoor culture of Holland bulbs makes it possible to secure abundant bloom far in advance of their natural season of flowering, and no home need be without late winter flowers if the indoor culture of bulbs is undertaken. Neither greenhouse nor other expensive equipment is necessary. If a liberal quantity of bulbs be planted in the fall and brought into the warmth successively after the middle of January, an abundant supply of fragrant

bloom can be had throughout the late winter and early spring.

Plant the bulbs in pots in the fall, using the best garden soil available, mixing in a little bone meal, sheep manure, or thoroughly decayed leaf mold. Line the bottom of the pots with small stones to provide drainage, add soil and set the bulb so that the top is barely covered with soil. Store the pots in an outdoor pit twenty inches deep, filling the trench and covering the pots with coal ashes. Place a layer of straw at least twelve inches thick over the pit so that the ground will not freeze sufficiently to prevent digging during the winter. The bulbs are now in optimum condition for root growth and are left in this state until bringing into the house for forcing. Hyacinths, Narcissus, Early Tulips, and Grape Hyacinths are especially adapted to forcing in the above manner.

With soil culture the secret of success in forcing bulbs is to secure adequate root growth before the bulbs are exposed to heat and light. At least six weeks of storage in the dark and cold is necessary to accomplish this and ten weeks is better. After this period bring them gradually into heat and sunlight. Allow ten days after bringing indoors before placing in full sunlight and living room temperature.

Some varieties of Narcissus and Hyacinth may be successfully forced in water. Use the largest and heaviest bulbs for this purpose. Place them in especially prepared glasses or in dishes where they may be grown above water and held in place with small stones, in late October or early November; fill the container with water nearly to the base of the bulb and place in a dark room or cellar at a temperature of 50 to 55 degrees. Keep in darkness until good root growth has been made and, in the case of Hyacinths, until the flower bud is plainly visible. As root growth takes place the water will be absorbed and it is necessary to add water at frequent intervals to keep it at about the original level. Bring into the warmer temperature gradually as in the case of potted bulbs. This type of culture is especially fascinating as it permits the observation of both root and shoot growth.

Perennial blooms for your garden

Continued from page 41

and sends out to its members pamphlets, booklets, and symposium reports. The Botanic Gardens and Public Gardens in many cities have the growing plants in test gardens labeled, that visitors may learn and study about the best and new things of other countries as well as our own.

So, before planting a perennial garden, learn all you can about the cultivation and varieties that you will plant in it. Learn the best soil and the best fertilizer and the best location and then go ahead and make your garden and enjoy it. If you have to keep a certain location and have no choice then find out what kind of plants will thrive in that special

location. The full sunlight is the best place to put a perennial garden.

You will want your garden in bloom from April to late frost. So begin with bulbs that bloom in spring and end with Chrysanthemums and Gladiolus. Of course we all know the bulb plants are not to be regarded as perennials, but aside from the Dahlia and the Gladiolus, which are multiplying every year, and are planted over and over again in the perennial garden, you will find that many of the other bulbs and plants can stay in the ground at least two years and often three to four years.

Be sure to plant, in the fall, some little Crocuses for early spring bloom in your (Continued on page 90)

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Perennial blooms for your garden

Continued from page 88

perennial garden. Put them in the front of the garden where the sun can reach them. Tuck in a few Scillas among the Crocuses.

Plant Tulips to bloom in masses; but as the Irises will be blooming at the same time, be careful of your color schemes. If your garden is viewed from a distance be very careful of the landscape effect of colors. The yellow Trumpet Daffodils are very lovely in clumps, planted in the same manner as the Tulips among the perennial plants in the garden.

Now you come to the real perennials. The Irises, the Phloxes, the Delphiniums, the Dianthus (both Sweet-William and the Clove Pinks), the Daylilies or Hemerocallis, the Peonies, the Aquilegias, and many other beautiful things too numerous to mention here.

The Irises, commencing with the Dwarfs, bloom in April and May; the Intermediates come the last of May and early June; the Tall Bearded or German both high and low growing ones during June; and the Siberians about the same time. The gorgeous late Japanese Iris I do not find grow well in the perennial garden.

About the time the Irises are through blooming the Daylilies are coming along. The old-fashioned flava major is sweet scented and blooms in June; fulva blooms in July, and the newer hybrid varieties enter into the garden picture some time later in the season.

A perennial garden must, of course,

have many groups of Delphiniums in the lovely blues of grandiflorum chinense, Belladonna, Blue Boy, Blue Butterfly, and other soft blues. The double Delphiniums are not as pretty for cutting as the feathery and single ones. In my garden I plant together several clumps of Delphiniums in different shades and thus making a lovely blue picture shaded from the deep blue of Blue Butterfly to the light blue of Belladonna. They are surrounded by the yellow of hardy Coreopsis and the Daylilies which bloom at the same time.

The old-fashioned Grass Pinks (Dianthus plumarius) should be placed in the front borders, giving them plenty of room because they grow in large masses as the years move on. Some of mine grow a foot high. Annie Laurie is a large, pale rose-pink variety of recent introduction.

Astilbe is a pretty plant in the perennial garden. Both the pink varieties and the white make a fine show. These are the so-called Spirea of the Easter florist's trade and are really quite hardy.

In August we have the Gladiolus in full swing. These, too, should be planted close together in clumps of ten or twelve. The landscape varieties are the best to put among the Iris plants and the other perennials.

A few Hardy Chrysanthemums planted in the perennial garden ought to bloom into November. The Pompons, the Aster and the Button types, do well in the garden with other plants.

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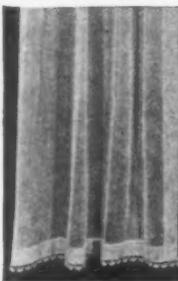
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Evolution of the rock garden-lily pool

Continued from page 42

My own lot I found to be most ideally suited to the requirements of an alpine garden, which is not "just a rock garden," but a reproduction of a bit of natural alpine landscape—a mountain lake surrounded by hills, and bits of alpine woodland, with tiny falls dashing their silvery spray against mossy rocks—a grotto, or even a pond or brook in its naturally elevated surroundings.

And such a garden could be achieved in my own backyard, my education revealed to me, by simulating the effect of nearby and distant forests with characteristic plantings of evergreens and flowering shrubbery.

I was astonished to learn that any rock garden would be hideously misrepresented if made of boulders, or blasted or quarry rocks (especially if set on end with sharp upstanding peaks), or if the rocks used were too small, or all of nearly the same size.

It was a revelation to learn that not just rocks, but instead carefully selected frostbitten, weathered, honey-combed rocks of interestingly contrasted sizes, showing occasionally a very large one, would produce the most natural rock garden.

When it came to the question of plant selections I found that a rockery of any description requires intimate knowledge both of natural alpine soil conditions and a definite understanding of what rock plant life really is! I was very much impressed with the importance of proper drainage, for instance, when I learned that in their natural element rock plants grow roots several feet long, hence provision must be made for just such root extension!

This general suggestion proved very helpful in rock plant understanding. Trailing plants should be given a higher position in the rockery, so that they might develop their full beauty by hanging downward. Creeping and carpeting types are used for covering pockets between rocks or padding over the stepping places. Bushy plants should be selected for "specimens" in prominent locations.

A limited number of varieties of choice selection, is far more interesting, and much more natural than too many different kinds. And instead of scattering several plantings of a single variety all over the rockery, it is much lovelier to fill a single pocket with several plants of one variety, which then blends into the next variety in the adjoining pocket, and so on.

So my rocky backyard was all spaded up, and every rock sifted out through the meshes of a heavy iron screen. And then within the sweeping irregular curve that was to make the planting line for my shrubbery beds excavation was started for my rock garden-lily pond, that was to suggest a lovely little lake, surrounded by gradually rising forests.

The pond bed was dug about three feet deep, eight or ten feet long, and of irregular width varying from two to three and a half feet wide. Substituting the customary but unsightly Waterlily tubs, two small excavations were dug still deeper, each of them having a width of about two feet and a depth of some ten inches. And to the rear of the place where the pond was to be was dug a still deeper but

smaller excavation lined with small stones to be used as a cesspool for the overflow.

The gradual evolution of the hole to a lily pond was fascinating. First it was lined with large rocks, placed in irregular formation with mossy sides exposed. Next it was spread over with a three-inch thick cement mixture, that was pushed in between the rocks to seal them tightly against water seepage, and later camouflaged the same color as the rocks themselves.

To suggest miniature hills and valleys, the rocks at the rear of the pond were of largest size, gradually diminishing in both size and number till at the front but one or two small heads were visible. And every rock was made absolutely immovable before the pockets were filled first to a depth of six inches with tiny, loose rocks, then with a special soil formula consisting of $\frac{1}{3}$ clayey garden soil, $\frac{1}{3}$ rough leaf mould, $\frac{1}{3}$ sand, and $\frac{1}{3}$ manure and bone meal fertilizer.

During this time the pond was piped, too, so that by merely turning off a little cleverly concealed shut-off a tiny stream of water would tinkle musically over the rocks, a definite water line being established by the piped outlet leading to the cesspool.

The true alpine image was achieved in the plant selections—blue here, gold there, scarlet, pink, lavender, yellow, and white everywhere! Never a repetition of variety, and blooming assured from earliest spring to winter frost time.

Then came the shrubbery planting, with fine regard for contrast of leafage and closely linked flowering periods, and last of all—the sprinkling of grass seed.

And then—first a delightful, illusive, emerald green gauze softly veiling the rich, dark soil, and thickening daily till eventually it became a carpet of richest velvet. Then the gradual development of shrubs and flowers bursting into leaf, bud, and blossom.

From February to April blossoms of virgin white and piquant yellow prevailed, then May blues and purples from palest to deepest hues. June witnessed the gardens flushing with delicate then deep pink, like a blushing maiden, with white once more like bridal wreath. In July came gorgeous bursts of orange, and as summer advanced the grand ensemble of blues, pinks, violets, purples, and yellows, the latter two shades singing their song of color much the loudest of any! Then, like a final trumpet blare, the late arrivals in reds and deeper blues, to remain in the rockery till frost sets in.

But even frost cannot kill the beauty of my alpine garden, for when blossoming ceases, the soft, fluffy clumps of green in fascinating leaf formations and tints varying from light gray-green, through the grass tints to both dull and glossy leaf-greens, promising that at no time will the rockery appear like just a pile of rocks! Surrounding the rockery were perennials and shrubbery. First the low growing, then the taller varieties, and at the rear tree height specimens, so delightfully duplicating alpine scenery!

My rockery has been a delight since the very beginning.

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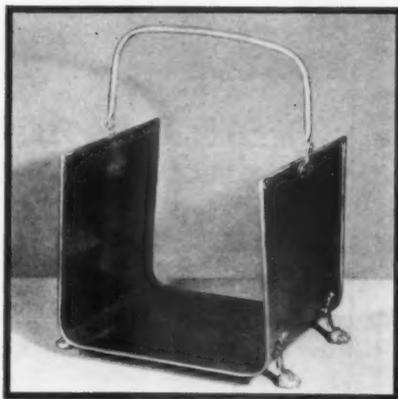
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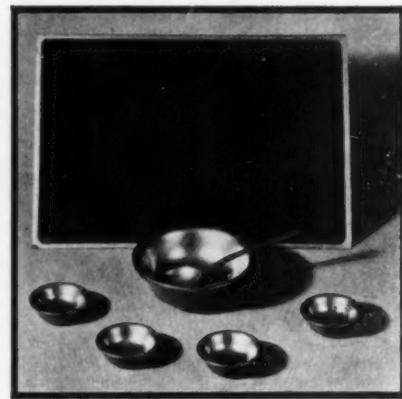
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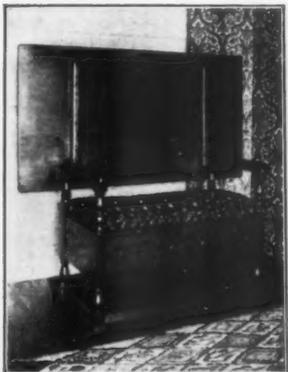
The coming of the first crisp days of fall always bring with them the urge for refurbishing the home—making it more livable and charming. In our travels about the shops this month we've found many unusual accessories and decorative notes and we are showing here some of especially good value. Just send your orders with checks, and all inquiries, direct to the shop addresses given.

OCTOBER comes with crackling logs on the cheery hearth, and from quaint "Brass Town" we've chosen this heavy handmade solid hammered brass log-basket; brass handle and brass feet. The maker, A. Silverstone, 21 Allen St., New York, points out that it also serves as a magazine rack. Size 13x13x13"; \$6.50, express collect.

I'VE been all over Japan and never saw finer lacquer than this at Gunn & Latchford, 323 5th Avenue, New York. Liquid-proof, cold or scalding. Nut bowl, spoon, and 6 coasters, lovely wistaria and crane design, red or black, gold lined, \$7.50, complete. Tray 10½x15½", red, black or gold, contrasting edges, \$5.00. All p'paid.



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As quaint as a settle—and far more useful. Two big drawers—a seat for two—a spacious living room table.

Solid Maple, handrubbed to a dull finish. Top 52" x 28"; height (top down) 28"; (top up) 49" **\$37.50**

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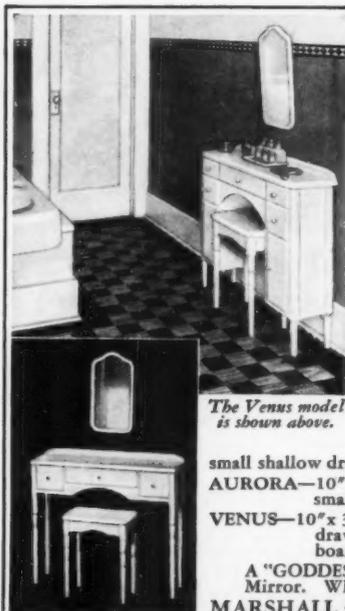
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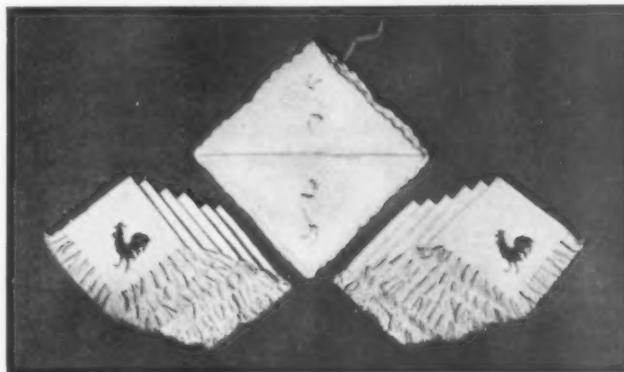
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Vanderbilt 7226



CHRISTMAS is only just around the corner! And these quaint Christmas cards are printed in lovely colors: many Godeys, Early American scenes, early scenes of New York. These three are typical: Mount Vernon, Godey, and "Proposed Elevated Railroad for Broadway"; double folded, size 3x4". Paul Baruch, 55 West 45th

Street, who imports hosts of prints, tells me they are \$1 for 10 postpaid; extra cards are 50c per lot of 5. Merely tell him what type you wish; he will make an assortment. Choice: plain inside or Season's Greetings, Best Wishes, Birthday Greetings, Easter Greetings, Christmas Greetings, New Year Greetings.

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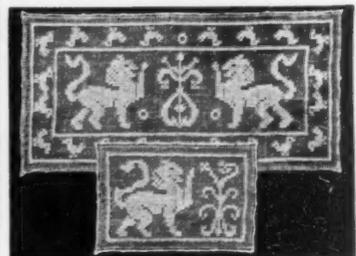
LOG FORKS SCREENS
Illustrations upon request



LAMPS, lamps, lamps! I've looked at thousands in a search for unusual values this month, and here is the result. (Left) A quaint medium sized table lamp of the student type 18" ht., 8" round parchment map shade, \$8.75. (Center) Interesting glass fount lamp, 8" Washington medallion shade; useful in a hall, on bedside table or dresser; 12 1/2"

ht. Glass fount comes in same colors as lamp at right; \$6.75. (Right) An odd and attractive table lamp, ht. 15", with glass fount in rose, amber, green, or crystal; 8" square 4 panel Clipper Ship shade in lovely blue-greens, \$9.75. Treasure Trail, 49 West 23d Street, New York, prices complete with shades, FOB New York.

Haughty social lions for your Luncheon Table



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Send for leaflet A

HAAS LINEN SHOP 84 North Avenue
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Winter evenings



... spent at home with pen or book, will be made more enjoyable by the cozy glow of a student lamp.

With glass fount in pewter finish, ship shade with four clipper ships, 16" high, \$9.75 postpaid.

In bronze with base switch and map shade, 18" high, \$8.75. Satisfaction guaranteed.

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Proper cooking of a ham in the Virginia manner is half the taste. We shall be glad to mail upon request a descriptive folder of our hams together with recipe for cooking.

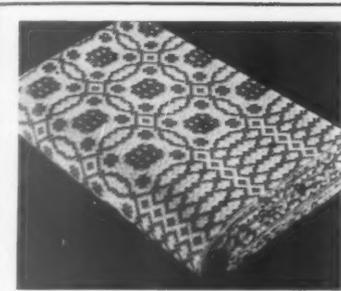
Virginia Settlers Cabin
Harrisonburg, Virginia



CHILDREN of all ages from five to fifty should get enjoyment from watching these Pixie Plants grow. I remember the fascination as a child. The plants grow in forty-eight hours, and are watered three times daily. We ran across these at The Playroom, 220 West 98th Street; 6 tiny flower pots containing earth and seeds; tiny watering can, etc., complete \$1.25 p'paid.



AND what manner of animal is this, to be sure? "A giraffe," says Ovingtons, which is one of America's finest gift shops on 5th Avenue. "But what kind of a giraffe?" say we. "A pencil holding giraffe," is the reply—and that is just what it is—spring steel wire neck to bend at a touch, ht. 15½", colorful spotted base and pencil. \$3.50 del. 100 miles N.Y.



Colonial Coverlets Beautiful reproductions of authentic old patterns and colors. Decorative, and rich in genuine early American atmosphere. Warm and practical . . . made of purest wool. Ravishing color selections. . . . Indigo-Blue, Whig Rose, Green, Old Blue, Lavender or Gold. 66" x 96", (single bed) \$10.50; 80" x 96", \$11.75; 65" x 108", \$11.00; 80" x 108", \$12.50. Post-paid to Miss. River; beyond, add 25c. Free color catalog of woollens. Blankets, Slumber Throws and other handicraft direct from the weavers.

Vermont Natives Industries
Shop A-1, Bridgewater, Vermont

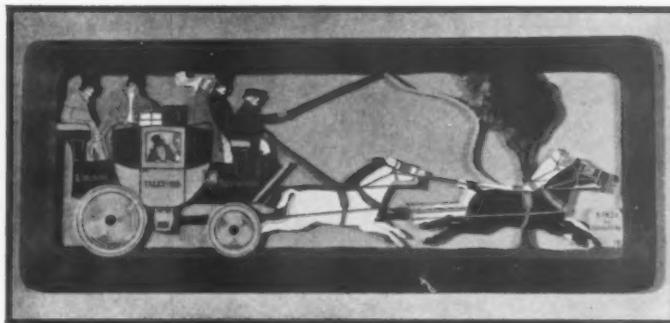


Connecticut Four-post Bed
Single size, unfinished. . . . \$16.75

A Catalog of Suggested Groupings and Individual Pieces of Hearstone Unfinished Furniture Will Be Sent upon Receipt of Ten Cents.



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224 East 57th Street
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THE once-famous Tally-Ho forms the basis for this colorful cut-out silhouette wooden wall panel, and the combination of rich midnight blue, yellow, and touches of natural color here and there make it quite effective. The originators of this are Toy Furni-

ture Shop, 31 Market Square, Providence, R. I., (who make such charming tiny-toys and miniature houses for youngsters); 9 x 22½". This plaque will finish off space in a room at college or school; will fit in the library or informal living room. \$7.50, postpaid.

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MILLER RADIATOR SHELF OR SEAT BRACKETS

A pair of these strong, adjustable steel Brackets (easy to attach) and an attractive shelf or seat of warp-proof wood with rounded corners and edges, nicely sanded all ready for paint or stain to match your woodwork. Brackets hold wood securely. Brackets per pair ONLY \$1.50. Shelves or Seats 1 foot wide by 2, 2½, 3, 3½, and 4 feet long, 50c. per foot. Special sizes on request.
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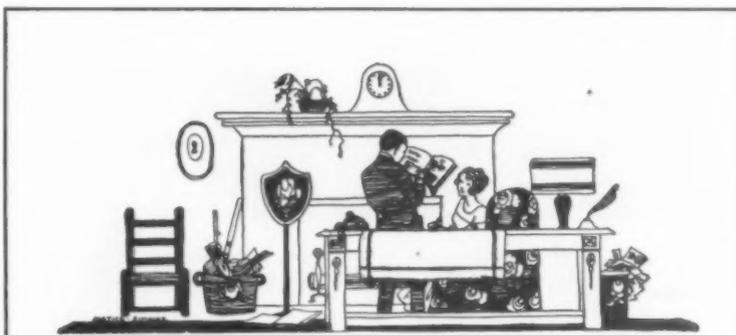


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in beautiful fashionable
PEWTER

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Many other attractive Pewter pieces to choose from. Send for new Catalog B-1.

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In every issue of *The American Home* you will find helpful suggestions on what the uninitiated must watch out for when he is anticipating buying or building a new house, as well as a beautiful sepia insert of charming houses designed especially for *The American Home* by famous architects, a regular monthly feature. \$1 a year. *The American Home*, Garden City, N. Y.

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1885 - 1926

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Leather, \$7.50

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THIS 12" SOLID BRASS COLONIAL COAL BUCKET

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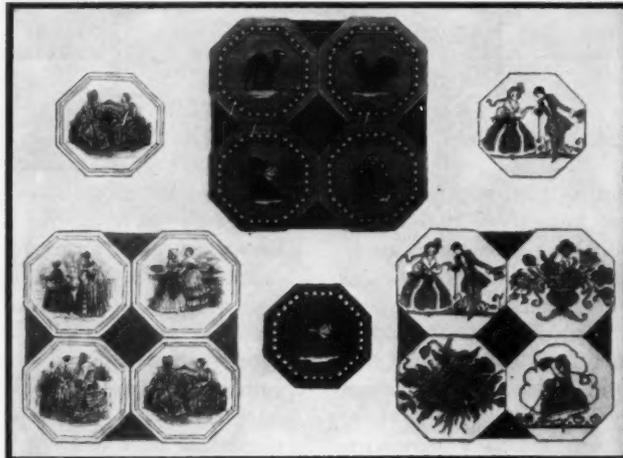


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A HEATED rubber of bridge often is thirsty business, and whether the thirst-quencher be lemonade or tea—glasses and cups have a disturbing habit of leaving sticky rings on nice bridge table covers. It is one of the ambitions of the Thompson-Smith Co., 225 5th Avenue, New York, to put a

permanent stop on such annoyances through their liquid-proofed bridge coasters. You have a choice of Godeys or cross-stitch old-fashioned designs in 5 colors; or center design in 3 colors. Price \$1 per package of 8, nicely wrapped and postpaid U. S. A. Makes a very excellent bridge prize.



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A NEW idea for a bridge prize; has zipper fasteners. Also fine for shopping, gym or bathing outfits, school books, small toys, and baby things.

NEW An Automatic Two-Slice Toaster



This chromium plated, guaranteed toaster makes two slices of delicious golden-brown toast as you like it—and toasts both sides at once! Also shuts off current automatically when finished!

New removable crumb tray. Only one lever used to operate. Unusually light and durable. Handle on top enables toaster to be moved when warm.

Equipped with six feet of silk-covered asbestos heater cord and attachment plug.

The taste of this oven-toasted bread will be satisfying and lasting.

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FRANK ALVAH PARSONS

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Useful for flowers, smoking stand, bedside table. A perfect gift. An authentic reproduction of Early American stand from Jason Hemingway homestead. In solid maple or solid mahogany (red or brown finish), hand turned legs, hand rubbed finish. Height, 24", Top, 10" diameter, Base, 14½" diameter. Satisfaction guaranteed. Delivered to your door (or to any address you specify) **only \$6.50**. Mention which finish you prefer.

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These unusually attractive and ideally priced silhouettes call to mind the romance-laden era of our forefathers' coaching days.

Enclosed in a half-inch black frame 7" x 9" and printed on buff, antiqued paper, they exquisitely picture the spirit and sentiment of a by-gone age.

Price \$3.00 a pair, postpaid.

BEAUX ARTS
55 WEST 45TH STREET
NEW YORK CITY



In and About the Garden



[*Edward Parson*]

AGAIN it is the Musk, but with some real information. As I suspected from the first, several of my correspondents and myself have had two totally different plants in mind when thinking and speaking of Musk. A few friends sent me plants which were known to them as Musk. These plants were variously described to me in the accompanying letters in distinctly unfavorable language. At a first glance, it was quite obvious that they were not the Musk plant of my mind, the yellow flowered *Mimulus moschatus*; and now they have flowered, confirming the suspicion that I had all along, that they were some form of composite. These so-called Musks have turned out to be nothing more or less than the old-fashioned pungent smelling herb, Tansy, around which there has been a good deal written in days gone by and to which certain medical properties have been ascribed—falsely to be sure—but nevertheless it did have a certain reputation. I agree that the Tansy is a pestiferous weed and not worth introduction into any well kept garden. It certainly has no decorative value except to make a very rank growth in a wild neglected bit of meadowland but as a garden flower it is completely and positively valueless. So that's that.

There still remains the fact that the true plant which we may call the Musk-scented *Mimulus* or Monkeyflower has lost the one characteristic that made it really appealing—the Musk-like odor. And so we are where we began. The fragrant Musk is musky no more.

As I write, I have an abundance of plants around me growing prettily enough in beds where they serve charmingly in a blue and yellow combination in a somewhat formal corner of the garden in company with Crystal Palace Gem *Lobelia*. Yes, the Musk has lost its savor. Not only the plants that have been grown here from seed; but also plants which have been sent and brought to me by friends who have participated in my interest in the plant. So that much is settled. Perhaps one day its odor will return.

But, fortunately, Musk is not the only topic about which there may be differences of opinion. One cannot be too dogmatic with anything concerning the garden. Soils, climates, situations differ, to say nothing of personal preferences and idiosyncrasies. What, for instance, do you say to actually defending Crab grass on the lawn? Yes, it is a fact. Personally, I go to considerable pains to eradicate what I have regarded as a noxious weed but here is someone from North Carolina in its defense.

CRAV GRASS FOR THE LAWN

IT ALWAYS interests me to read what people have to say about the evils of Crab grass for if it were not for Crab grass, many, many people through this section would have no lawns. I drove from Raleigh to Asheville last summer, going one way and coming back another, and the best looking lawns I saw anywhere were chiefly of Crab grass. I encourage its growth on my lawn. Kept cut regularly it makes a very good lawn. Not so good perhaps as Bermuda but certainly better than sickly looking Bluegrass. I have struggled with Bluegrass and come to the conclusion that we in this part of the world (North Carolina) might just as well give it up. There is an annual Bluegrass that seems to be native here that comes up in the fall, lives all winter, seeds profusely, and dies in the spring. If we can get the combination of that and Crab grass with a foundation of Bermuda, why perhaps after a while we may get good lawns all the year round.—Isabel B. Busbee.

THE lawn problem during this coming season has not been so much as to what grass but how to get water. Plants have suffered severely; even trees that have been established for years have gone under. I look forward to an appalling death list of trees and shrubs when next spring comes around. We have had a succession of extraordinary trying conditions this year, aggravated heat supervening on a long continued period of drought. That combination itself was sufficiently trying, but remember that it followed a comparatively dry winter which followed a marked drought in the latter part of 1929. I have seen rows of street trees apparently established for some years that now in this part of August have every appearance of being dead. The foliage is burnt, completely withered. Pin Oaks, Tulip Trees, and American Elms have apparently suffered equally. This section of Long Island is notoriously well drained, and in periods of excessive drought it is too well drained.

All this is offered merely as a warning, not to take any chances with the coming winter period when artificial watering may be as necessary as it often is in summertime. The fact that plants use water in winter is far too often overlooked. Given normal weather conditions, or fairly normal, plants will adapt themselves fairly well but there is somewhere a critical line beyond which nature cannot go. Already losses will have been apparent in many gardens. Unless there has been extraordinary modification of conditions between the moment of writing (August) and the time you read these lines it will be well for you to give a little study to the trees and shrubs in your garden.

FROM ROCK GARDEN TO REAL GARDEN

OF EVERY dozen letters that reach me within the last few weeks, I think three or four are debating some question with the rock garden and rock plants. Rock gardening is indeed the current fad. Rock gardening is not an entirely simple thing. It should not be the resort of the lazy or even the indifferent gardener. All well enough to build a mound of earth and introduce a few rocks and call it a rock garden but a rock garden after all is something apart from the general run of gardening. It is an end to itself. You cannot use a rock garden as a means of growing cut flowers for the decoration of the table or for raising vegetables or any other utilitarian purpose. The rock garden is an expression of a consuming interest in plants for themselves and of themselves. At the same time the present spread of the rock garden fad is not to be derided. It will have a modifying effect on one's attitude to the garden scheme. Often it is the first step toward bigger things. What a multitude of small suburban homes now possesses a lily pool and a rock garden. This is a stepping stone toward better plants in general. Many an amateur will rise phoenix-like in utter despair from the rock garden to a better point of view in larger fields. I quote a letter from my friend, Mr. Sherman R. Duffy:

"There are some gardeners who are inclined to regard rock plants and rock gardens in much the same light that they do a flea circus—the little things are interesting and fascinating but why bother with them. Rock gardening seems to be the acute stage of gardening fever, the crisis. After passing through it successfully, one may regard himself as a complete gardener. While he may be insane during the early spring when the rock garden is at the height of its beauty, he remains reasonably calm and philosophic during the rest of the year. Rock gardening usually hits its victims hard. A (Continued on page 106)



Falling Leaves
is
Nature's Warning
that it's time to
tuck your garden
away for winter

All during the Spring, Summer, and Fall you have taken the bounteous offers Nature has provided in your garden—flowers, fruits, vegetables, beauty! Do you appreciate the colossal effort, the work, your plants have done—and now their need for rest! and *protection!* This is the one time during all the year when you must do your part if you want that bounteous beauty again next year. All evergreens, shrubs, perennials, and lawns need a winter mulch to protect them from the killing winter winds. They need its warmth, its soil-building and humus content. Given this they will be protected from winter killing and will come back to you next spring, more able and more willing to continue with the wonderful work. Let us tell you more about this winter mulch in our free descriptive literature. Or better still order a supply of G P M today. G P M is the best medium to use for this purpose. \$4 per single bale f.o.b. New York. Prices for larger quantities on request.

ATKINS & DURBROW, Inc.
B-25 Burling Slip
New York, N. Y.

PEAT MOSS



Gorgeous Darwins, a symphony of color—illustrating "Special" Border Collection below

Tulips & Springtime!

To enjoy them together in your own garden next season
Plant Schling's Bulbs This Fall

DARWINS and Cottage, single and double, early and late—their lovely cups brimming with color and nodding a merry "good morning" to you every day for weeks—from early April to June in fact—How can you afford to miss them!
To bring the joys of Tulip time to as many as possible we make the following very special offers, all bulbs guaranteed top size and very first quality.

Extraordinary Offer
100 DARWIN TULIPS \$4.00
Choicest, first-size bulbs, sure to bloom, Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.
A \$6.00 value for only \$4.00

Schling's Special Border
as pictured above from right to left

	Doz.	100	1000
Centenaire —Rich violet-rose with large blue center. Enormous flower of perfect shape. A magnificent tulip.	\$.90	\$6.50	\$60.00
Phillippe de Comines —A stately, velvety maroon-black tulip of beautiful form.	1.00	7.50	70.00
Rev. H. Ewbank —Lovely heliotrope tulip on tall, graceful stem.	.50	6.50	60.00
Princess Elizabeth —A beautiful rose color with blush edges—a lovely warm spring color.	.90	6.50	60.00
Prince of the Netherlands —Cerulean-scarlet, daintily flushed with salmon. Extra-large flower.	1.00	7.50	70.00

SPECIAL COLLECTION PRICES

1 dozen each of the above 5 varieties (60 bulbs in all)	\$4.50
25 each of the above 5 varieties (125 bulbs in all)	8.00
100 each of the above 5 varieties (500 bulbs in all)	30.00
1000 each of the above 5 varieties (5000 bulbs in all)	270.00

DAFFODILS AND NARCISSI
For Naturalizing and Lawn Planting

100 Bulbs	<i>Our Old Dominion Collection in choicest mixture of airy and medium Trumpets short cupped and lovely Poet's varieties. All first-quality bulbs grown in Virginia where their culture has flourished since Colonial days. These bulbs, being native are fully acclimatized and none better can be grown anywhere. The supply will not equal the demand. Order at once!</i>	1000 Bulbs
\$8.50		\$80.00

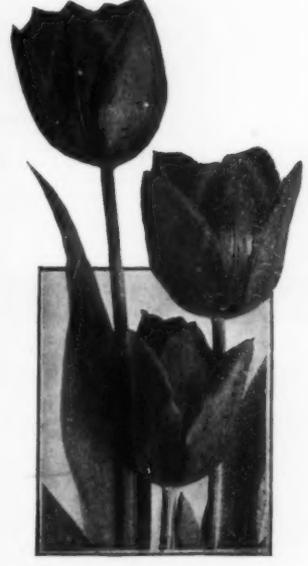
—and last but not least here is
Schling's "Variety" Collection
of Spring-Flowering Bulbs—a very special value!
Splendid Investment in Spring Beauty!

100 Darwin Tulips, assortment of choicest varieties	\$4.00
100 Lovely Parrot Tulips	7.00
100 Cottage Tulips, in 10 named varieties	6.50
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100 Grape Hyacinths, Heavenly Blue	4.00
100 Snowdrops, Giant Single	4.50
25 Madonna Lilies, mammoth size	8.75
75 Bedding Hyacinths, in three colors	7.50
1000 BULBS	TOTAL VALUE \$68.75
	Delivered anywhere in the United States
	5,000 Bulbs or 5 offers as above \$240.00
	10,000 Bulbs or 10 offers as above \$470.00
	At these prices you may buy them freely—plant them freely and reap a glorious harvest of perennial delight

Schling's Bulbs
MAX SCHLING SEEDSMEN, INC.
Madison Ave. at 58th Street, New York

Professional Quality Tulip Bulbs

At Prices that Insure Full Value



Since 1876 Vaughan's Seed Store has been one of the largest American importers of bulbs. Florists and private estate gardeners are our largest customers. The expert service which these professionals rely upon to insure quality and value, is available to you.

OUR RAINBOW GARDEN OF TULIPS, postpaid to you for \$2, includes 50 bulbs; 5 each of 10 named varieties of May-flowering tulips, of the Darwin, Cottage, and Breeder classes, all first size bulbs. A wonderful value.

LOUIS XIV, the famous purple and gold breeder tulip, tallest, largest, and finest of all, postpaid three hundred miles, \$1.25 per dozen.

One each (12 bulbs) of the varieties listed below, separately labeled, postpaid, \$1.00; three each (36 bulbs), \$2.75; six each (72 bulbs), \$5.00.

	Doz.	100	1000
Farncombe Sanders, (Darwin)	\$0.80	\$5.50	\$50.00
Zulu, (Darwin)	1.15	7.50	70.00
Jaune D'Oeuf (Breeder)	1.10	7.00	65.00
Centenaire (Darwin)	.80	5.50	50.00
Massachusetts (Darwin)	.80	5.60	50.00
Turenne (Breeder)	1.15	7.50	70.00
Inglecomb Yellow (Cottage)	.80	5.50	50.50
Prof. Rawenhoff (Darwin)	.80	5.50	50.00
Pride of Haarlem (Darwin)	.80	5.50	50.00
Valentine (Darwin)	1.30	9.00	85.00
Artemis (Lily Flowered)	1.00	6.50	60.00
Mrs. Moon (Cottage)	1.20	8.00	75.00

THE MOST BEAUTIFUL BULB CATALOG

Our Fall Catalog "Spring Flowering Bulbs" gives complete illustrated lists of tulips, narcissi, lilies, and all other fall bulbs, with descriptions and cultural directions. It is free on request.

Vaughan's Seed Store
10 W. Randolph St. Chicago
47 Barclay St. New York City

The Glory of the Gods

may be yours in a bountiful measure by planting some of our CHOICE QUALITY STOCK now.

Please remember that whether you want simply a few plants for a modest garden—or whether you need a dozen or more carloads for the complete planting of a large estate—our large and complete stock of the CHOICEST EVERGREENS—RHODODENDRONS—AZALEAS—SHADE TREES—PEONIES—IRIS—PHLOX—HARDY GARDEN PERENNIALS are available.

CHERRY HILL NURSERIES

(Thurlows and Stranger, Inc.)

West Newbury

Massachusetts



Special Bulbs and Plants

For October Border and Rockery Planting

BE it known, friends, that this month of October is one of the best for border and rock garden planting. Of course you must plant bulbs in the fall. So while you are doing that you might just as well set out some of our hardy plants. Some there are which seem to crave a border place. Others that are happiest in your rock garden. If the least in doubt what and where to plant, our Bulb and Hardy Plant Catalogs will help you out. One thing sure, no one has as extensive a collection of bulbs and lilies of all kinds, even to the wild ones. As for our plants, every one will be full rooted heavy field-grown clumps that bloom your first year.

For 25 Cents

If at all in doubt about planting and cultural care send 25 cents each for our Rock Garden and Bulb booklets. Deduct their cost from your first order.



Reg. U.S. Pat. Off.

Wayside Gardens

MENTOR, OHIO

DRASTIC REDUCTION on Peonies and Iris

The Saw Mill River Parkway having acquired Rosedale land, we must dispose of our choice collections built up through 25 years, including Singles, Japanese and Chinese double Peonies; German, Japanese and Siberian Iris. Our necessity becomes your golden opportunity.

Offer No. 1 For mass planting, or cut flowers, we offer this unnamed collection of strong 3-5 eye divisions; 10 for \$2.50; 50, \$10; 100, \$20.

Offer No. 2 Choice selection of named varieties in colors, ranging from white, through light and dark pink to red, also early, medium and late bloomers; a collection any Peony lover would be glad to own. 13 named varieties, \$6.50.

Baltimore, Md., July 14, 1930
Dear Mr. Harris: I do want you to know that the Peonies I purchased from you last year have bloomed beautifully, and were a great surprise for I had not looked for much the first year. Inclosed is another order.
Sincerely,
(Mrs. P. T.) Isabel O. Blogg.

[SIGNED]

Choice Iris collections at correspondingly low prices.

Our catalog lists over 350 varieties of Peonies, Iris and Roses. Write for it today.

S. G. HARRIS Box A TARRYTOWN, N. Y.

Garden Reminders

North

The Flower Garden. Set out bulbs for spring bloom.

Put into the coldframe those plants that are to be wintered there.

Cut down dead tops of perennials

Plant Roses in well-prepared bed.

Try a few packets of annual seeds.

Sow them and cover the soil lightly with screened, rotted manure. This will keep them warm, and you may have flowers early in the spring.

Protect Chrysanthemums.

Take up bulbs of Gladiolus, Tuberoses, Dahlias, and Cannas.

Strawflowers should be cut and hung up to dry. Clean up the garden.

Continue to pile up compost material.

Cover Roses and hill up the soil.

Get the last of your perennials in.

Most shrubs, too, should be in the ground by now.

Take in plants to be wintered indoors. Put manure on flower beds.

Remove annuals not grown for seed.

The Vegetable Garden. Sweet potatoes are ready for digging.

Protect all tender vegetables.

Harvest pepper, cucumber, etc., before frost. Beets, carrots, and turnips may stay in the ground until the end of the month unless heavy frost is likely.

Cauliflower and cabbage started in September should be shifted to frame. Continue to blanch endive.

Plant rhubarb, onion sets and asparagus. Put lettuce in coldframe.

Miscellaneous. Rake up bare spots in lawn, give them a top dressing of well rotted sheep manure and seed.

Cut grass just as you did all summer. Regular cuttings are necessary up to the last minute.

Prepare winter dressings.

Clean and air storage cellars.

Get boxes, barrels, etc., ready for storing bulbs, fruits, and vegetables.

Spade up the vegetable garden.

Spray shrubs for scale after leaves fall.

Prune grape vines. Mulch berries.

Take hardwood cuttings.

Continue to give evergreens plenty of water before frost becomes heavy.

The West Coast

Prune deciduous shrubs and trees and make cuttings from them. Also

from Pentstemons, Lavender, Hollyhocks, Oriental Honeysuckle, and Geraniums.

Make cuttings of Portuguese Laurel and of all Succulents.

Continue sowing Sweet-peas, Stocks, Pansies, Violas, Marigolds, and native wild flowers, including Lilies and other bulbs.

Plant or move Amaryllis and Montbretia bulbs.

Set out young Cineraria plants in the shade. Try the Matador, an unusual shade of terra cotta.

Dig up the weeds before seeding or kill with weed-killers.

Sow Nemesia along coast region for spring blooming.

The ground is still warm enough for seeding lawns.

Plant Lily-of-the-valley and Japanese Iris in moist situation. Plant

Primula malacoides for early spring blooming. Divide perennials.

South

October in the Far South is as busy a month as April. Perennials and annuals of all the hardier sorts, as well as most of the hardy bulbs, are best planted this month. There should be time enough before a severe frost for a good root system to develop which will enable them to bloom early in the coming year. Though Sweet-peas are usually planted in September, it is not too late to start them the first week in October. These should give blossom from January on to hot weather, and may be of the later varieties. The early ones, planted in August, should blossom by Christmas.

Roses in the Far South should be pruned little. If they were trimmed and fertilized in July, they should be in bloom now; if not, a little judicious trimming now with feeding should bring Christmas blossoms. Bulbs may be planted outdoors for winter bloom as well as forced for inside use in water or in pots, and with Ferns, Asparagus, Lantana, Plumbago, and other semi-hardy plants, used in porch boxes and outside window-boxes.

The Flower Garden. Plant annuals, perennials, and bulbs.

Set out White Buddha, Winter-blooming Jasmine, etc. Cut off dead flowering-heads of shrubs. Keep Poinsettia tied up. Plant Roses.

Divide clumps of hardy perennials, such as Hardy Phlox, Golden Glow, etc.

Plant Narcissus, Snowflakes, Easter Lilies, and Oxalis.

Hold Hyacinths until later.

Sow Sweet-peas, Pansies, English Daisies, Carnations, Columbine, Candytuft, Calendula, Pinks, Snapdragon, Sweet William, and Sweet Alyssum, in boxes or flats.

Sow Poppies, Larkspur, and Love-in-a-mist where they are to grow, as they dislike moving.

Watch bedding plants especially Chrysanthemums for aphids.

Dig up Gladiolus and Montbretias if they have become crowded; otherwise leave them in the ground.

Divide Ferns.

The Vegetable Garden. Sow winter vegetables such as Cabbage, Spinach, Collards, Mustard, Salsify, Beets, Leeks, Lettuce, Parsnips, Parsley, Cauliflower, Radishes.

Separate Burr Artichokes.

Start banking Celery.

Sow Turnips every two weeks until April.

Miscellaneous. Sow English Rye, or a Winter Grass mixture, over the Bermuda lawn, scattering river sand and fertilizer over it.

Pot up and bring indoors tender plants like Jatropha, Thunbergia, Begonia.

If the garden and orchard were not sprayed in September, do it now, using an oil emulsion and bordeaux mixture.

Plant Strawberry bed.

Orange trees may be budded if the weather is good.



A glimpse of the show grounds at "Tulipdom," May, 1930

Glimpses of Old Holland in the New World

WOODEN SHOES and Windmills, Tulips and Hyacinths, we had plenty of most of these right along here at "Tulipdom"—except the Windmill! And that arrived last Spring! It now is our "Welcome" sign to visitors from everywhere. It stands as a symbol of Dutch integrity, a promise to maintain our policy of delivering only

"Bulbs in a Class all Their Own"

Consistent winners of highest awards at all leading Spring Flower Shows, Zandbergen Tulips have won a permanent niche in the hearts of exacting garden hobbyists throughout the land. Write today for

Free Catalog "Greetings from Tulipdom"

Will prove both interesting and instructive. Freely illustrated from photographs, accurately describing the finest quality Tulips in the world, and offering them generally for less than asked by other bulb specialists, it serves as the key to unlock the portal to finer bulb gardens. When writing kindly mention American Home.



ZANDBERGEN BROS. "Tulipdom"
3 Mill River Road, Oyster Bay, Long Island, N.Y.

Nurseries at Valkenberg, near Leiden, Holland
and at Babylon, Long Island, N. Y.

Some Tulips on Hand NOW!

At prices quoted these varieties represent the greatest Tulip value in a strictly Quality product. Compare! There are many other varieties besides those described below, offered in our surplus list for which please ask.

CHOICE DARWINS

- Afterglow.** Deep rosy orange edged salmon. A masterpiece at \$1.20 per doz.; \$8.40 per 100.
- Anton Mauve.** Rich violet-purple shaded garnet. \$1.10 per doz.; \$7.90 per 100.
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- Clara Butt.** The greatest salmon-pink bedder. 75c per doz.; \$4.90 per 100.
- Pride of Haarlem.** A superb rosy carmine. 75c per doz.; \$4.90 per 100.
- Princess Elizabeth.** Showy, clear deep rosy pink. 85c per doz.; \$5.90 per 100.
- Professor Rauwenhoff.** Bright cherry red. 80c per doz.; \$5.40 per 100.

A FEW COTTAGE TULIPS

- Gesneriana Spatulata.** Dazzling crimson-scarlet. 80c per doz.; \$5.40 per 100.
- Grenadier.** A gorgeous orange-red. 95c per doz.; \$6.40 per 100.
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- Picotée.** The lovely maiden blush white, edged pink, becoming rose with age. 80c per doz.; \$5.40 per 100.
- Mrs. Moon.** Rich golden yellow. 95c per doz.; \$6.40 per 100.
- Sirene.** The rich cerise-pink Lily-flowered Tulip. 95c per doz.; \$6.40 per 100.
- Cardinal Manning.** A magnificent wine red Breeder. 80c per doz.; \$5.40 per 100.
- Panorama.** Breeder. Orange shaded mahogany. 80c per doz.; \$5.40 per 100.

A Word About Our Daffodils

On our own farm at Babylon, L. I., we now grow quantities of such popular favorites as Emperor, King Alfred, Will Scarlet, White Lady, Lord Kitchener and scores of others—all in a quality bulb product bringing promise of great results. Twelve pages of our catalog are devoted to this most charming of all Spring flowers, which is endearing itself to more garden lovers year after year. Let our catalog acquaint you with all we grow. Write for it today—it's free.



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This Fall
Will Bloom
More Freely
Next Summer

ROSES from PETERSON

There are many reasons why both professionals and amateurs in most climates prefer to plant our hardened, field-grown plants (freshly dug) during October—November. Simple directions tell you how easily it is done. The maximum amount of flowers will well repay your planting efforts this Fall.

27 years specializing in Rose culture, with patrons in every quarter, justifies confidence in Peterson's Roses.

"A LITTLE BOOK ABOUT ROSES" for 1930-31

is a valuable guide to Rose lovers everywhere. It will help you visualize your next Summer's Rose Garden. Honest descriptions of varieties, planting, culture, and success with Roses is explained in detail. Gladly sent upon request.

Residents of Pacific Coast States kindly remit 25c.
GEORGE H. PETERSON, INC.

Rose and Peony Specialists
Box 50 Fair Lawn, N. J.

Dreer's for finer TULIPS

Among the late or May-flowering Tulips few bring a greater combination of finer characteristics than the so-called Breeders. The flowers are of gorgeous colors, large size and are borne on strong stiff stems. Their lasting qualities are outstanding. By all means, for greatest Tulip satisfaction plant the following



Old Dutch or Breeder Tulips

- Apricot.** A bronzy buff shaded apricot. \$1.15 per doz.; \$8.00 per 100.
- Bronze Queen.** Well named. 90c per doz.; \$6.00 per 100.
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- Panorama.** Orange and mahogany tints. 90c per doz.; \$6.00 per 100.
- Plutarchus.** Yellow and purple. 95c per doz.; \$6.50 per 100.
- Prince Albert.** Mahogany shaded violet. \$1.15 per doz.; \$8.00 per 100.
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- Velvet King.** Deep royal purple. \$1.25 per doz.; \$9.00 per 100.
- Vulcan.** Salmon-red edged orange-buff. \$1.20 per doz.; \$8.50 per 100.

Collection Offers:	3 each of the above 12 sorts, 36 bulbs..... \$ 3.25 postpaid
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Dreer's Autumn Catalog

fully describes above marvelous and many other charming Tulips as well as Hyacinths, Daffodils and all other worthwhile bulbs for fall planting. It also offers the finest in dormant field-grown Roses, hardy plants, seeds of all kinds for present sowing—every thing of the well-known Dreer standard of quality. You are invited to write for this fall planting guide and please mention this publication.

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1306 Spring Garden St.
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BOBBINK & ATKINS

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Catalog



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Roses—Autumn Planting

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Deciduous and evergreen Azaleas, Kalmias, Chinese Magnolias, Kolkwitzia, Coroneaster, Viburnum Carlesi, Barberries, and French Hydrangeas in blue, pink, and white.

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ADCO, 1738 Ludlow Street, Philadelphia



Say it with your own grown flowers

Continued from page 48

of a fifty-foot lot, being of that width and forty feet deep. A garden should be enclosed in some way and for this one it is suggested that a wire fence about five or six feet high be used and Climbing Roses planted upon three sides. As a screen planting inside the fence upon the fourth side, eight plants of hybrid French Lilacs are shown spaced upon five-foot centers.

There are two reasons for suggesting this screen of Lilacs: few things are more delightful for cutting, and in addition they act as a screen and shade somewhat the base of the Lilies planted between them and the Peonies. This being along the south line of the garden, their shadows, during the heat of the day, would fall just where needed. These French Hybrid Lilacs grow just as tall and dense as the old Common Lilacs and their flowers are much more desirable. If obtainable grown upon their own roots they will be much more satisfactory than if grafted upon other rootstock. There are but a few growers in the country that produce these own-root French Lilacs but at all costs and regardless of where you must send for them, they are the more desirable. There are numerous varieties both new and old. For this planting it might be well to use two of a kind in four varieties and the following would be a good selection—President Grevy, Ludwig Spaeth, Ellen Wilmott, and Mme. Antoine Buchner. Other varieties could be selected that would cost less but they would not produce as satisfactory an all-round planting.

The plan shows thirteen Climbing Roses and the most effective planting would confine them to not more than four varieties. Over the entrance gates some kind of arbors should be erected. Simple but effective ones can be built from cedar poles two to three inches in diameter. Be sure the supporting posts are substantial.

The garden shelter, as planned would have a floor space about eight by ten feet, not large but sufficient to provide a practical work space. If used as a tool house and work room, a shelter with closed-in sides and back would be the best.

LILIES DESIRABLE FOR CUTTING

As mentioned, Lilies are among the desirable bulbous flowers that may be grown in the cutting garden. The space just inside the Lilac screen would be ideal for them and in the two lengths of twenty-one feet each several kinds could be planted. Four or five different kinds will extend the season of bloom, but it is better to plant several of one kind rather than only a few of many different ones. For June blooming nothing exceeds the beautiful Madonna Lily (*Lilium candidum*) and, of course, the Regal Lily (*L. regale*) for July flowering outclasses everything else. If only one Lily can be planted, it should be this particularly satisfactory species. The bulbs are becoming quite reasonable in price.

For August blooming the Gold-banded Lily of Japan (*L. auratum*) is most popular. When well grown it will have fifty to one hundred blooms

to a stem and it has been known to produce as many as two hundred fifty on one stem—this is almost a garden in itself. Unfortunately it is not easy to get this Lily to do well. The bulbs are not always quite healthy. There are other Lilies which are easy to grow, among them—henryi, yellow; speciosum, both white and carmine; and tigrinum, the old Tiger Lily, orange red. When cutting any Lily, leave enough of the stem, at least a foot or eighteen inches, to mature the new bulb. Much of the success with Lilies will depend upon the soil preparation and planting at the proper depth. This varies with different kinds from a covering of an inch or two to eight and twelve inches for others. Getting them at the right depth is no more important than soil preparation and drainage, however. There are practically no bulbs of any kind that will thrive where moisture does not drain away promptly.

INCLUDE PEONIES

The planting plan calls for fourteen Peonies. These are not bulbous plants but from a cut-flower standpoint they may be grouped with that class. They have but the one crop of bloom and as a cut flower are equaled by few things. Only five varieties are suggested that larger quantities of one kind may be cut. The following varieties provide early midseason, and late bloom as well as a good range of color. Mons. Jules Elie is an early pink; Baroness Schroeder, a mid-season flesh-white; Adolphe Rousseau, early dark red; Grandiflora (Richardson's), very late soft shell-pink; and Avalanche, late midseason white. To get the best quality of bloom the side buds should be removed from each stem as soon as they are about the size of peas leaving only the central bud. Cut when the blooms are half open, strip off all but the upper set of leaves and plunge in cold water to the full length of the stem. Peonies cut this way and cared for right will last a week to ten days.

In the outer bed shown on the plan are found a variety of spring and summer blooming bulbs, mostly kinds that may remain undisturbed for a number of years. The success which attends them will largely depend upon how carefully they are planted and the care they are given. Cultivation, proper attention to food and water, and allowing the foliage to ripen thoroughly are all factors that must not be overlooked. In sections where frost penetrates more than an inch or so, Tigridias, Montbretias, and similar genera must be taken up each fall like Gladioli. The Dutch, Spanish, and English Iris, all bulbous plants, are among the most delightful of the great Iris family for cut flower purposes. The Dutch varieties bloom early and for this reason are not particularly hardy except south of Washington. The Spanish follow the Dutch about two weeks later and for this reason are a little hardier and the English Iris come on in the last half of June.

Tulips and Narcissus are among the most important of the bulbous flowers for cutting purposes and should be planted in (Continued on page 106)



The Flower Beautiful

PEONIES

from
PETERSON

No need to wait a year or two for blooms when our undivided roots—large and plump—will produce beautiful flowers next Spring. Hundreds write that we did not

BLOOM FIRST YEAR

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This New Book

the 26th annual issue, tells the whole story about Peterson's Peonies in an interesting fashion. It is beautifully illustrated in Nature's colors—a valuable handbook on planting, culture, and success with Peonies. Gladly sent free wherever Peonies will grow.



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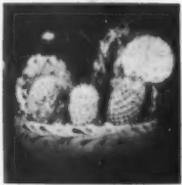
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(*Lilium Candidum*) and
Royal Lilies (*Lilium Regale*)
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Our bulbs are strong and well cured, ready for planting after October 1st.

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Beautiful waxen trumpet of pure white inside, flushed golden yellow in throat, stained pink and tan outside.

Selected Bulbs
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The oldest and most popular of all the Lilies, it has been beloved since men first began to make gardens. It grows erect, with snowy flowers in a spike near the tip of the stalk, and holds itself in chaste and simple loveliness above all other flowers.

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4-year-old trees; two trees \$1.10

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(Maximum Rosebay), pinkish white flowers. (Catawbiense) flower is reddish purple. (Carolinianum) dark pink. 3 plants \$1.10

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Two trees \$1.10

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A handsome, early, free-flowering, deep pink species, very profuse, and showy. A beautiful variety. Very hardy. Blooming \$1.10

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All varieties grow 2 to 3 feet tall. Giant bloom.

100 Princess Elizabeth...Rose Pink	\$	4.75
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100 Scarlet Beauty...Scarlet		5.50
100 Inglescombe Yellow...Yellow		4.75
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100 Cardinal Manning...Rosy Violet		4.75
100 Dream...Delicate Lilac		4.75
100 Pride of Haarlem...Carmine Rose		4.50
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1500 bulbs—100 of each		68.00
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Say it with your own grown flowers

Continued from page 104

quantity. Narcissus are especially long lived and once established will provide bloom for many years. Both these come in a wide variety of kinds and types as well as an extended blooming season. Under normal conditions Tulips and Narcissus provide blooms for cutting over a period of nearly three months. Then without removing the bulbs from the ground, young plants of annuals can be set out among their ripening foliage and additional cutting material provided for later use. Select your varieties of Tulips and Narcissus carefully with special attention to their season of bloom. Plant both the earliest and latest kinds as well as those coming in between.

Along the right side of this garden the plan calls for six varieties. The Lily-of-the-valley, really not a bulbous plant but worthy of planting with them, is too well known to warrant comment; but the other five are not so common. All are excellent for cutting and once grown will be greatly appreciated. I'll not describe them but suggest that you study the descriptions given in the catalogues. In most cases they come in numerous varieties, some more desirable than others. Some are perfectly hardy while others may be handled similarly to Gladiolus.

DAHLIAS AND GLADIOLUS

More than one half of the available planting area of this garden is taken up by the four large central beds, and only two things are suggested for them, Dahlias and Gladiolus. Of all cutting material, these two are considered by many to be the most important. Properly handled they will provide great quantities of cut flowers from midsummer till frost.

They should be the mainstay of any cutting garden in their season. Successive plantings of Gladiolus may be made to keep up the blooming season and the Dahlia, of course, is the fall flower preëminent. A careful selection should be made as to variety as many of the new things, so widely advertised are not so desirable for cutting as some of the older varieties. The Primulinus Hybrids among the Gladiolus are especially delightful when cut as they have an airy grace not found among the heavier types. Among Dahlias, some of the small flowered types should be included as they are very useful.

CARE SIMPLIFIED

The care of this garden should prove quite simple. The arrangement is such that all parts can be reached with the minimum of effort and while a space forty by fifty is not small yet a few hours time each week will keep it in order. Much of the material is of a permanent nature not requiring planting each year. The central beds are so arranged that the plantings may be alternated annually, thus preventing the planting of the same thing two successive years in the same bed. This is important if healthy conditions are to be maintained. A cutting garden is a work-a-day garden and once its value is appreciated you will never be without one. In both contents and arrangement it must be practical and especially important is it that the materials be carefully chosen; otherwise it will be merely a hodgepodge of left overs and misfits, all of little use. Artistically there is no reason why it should not be a success. This will depend upon the skill used in planning and will intimately reflect the owner's idea.

In and about the garden

Continued from page 100

rock garden is an excellent antidote for the color scheme furor for not much in the way of plastering a color pattern on a rock garden can be done successfully. Color scheming has developed to a point where it is no more than a recrudescence of the old carpet bedding basic idea, that of planting to an arbitrary pattern. Instead of outlines, the modern color plan comes to you blocked out in patches of color to be matched up with plants. The chief difference is that it is patch-work quilt bedding instead of carpet bedding.

AN INDEX OF ROSES

Again, the whole garden fraternity of this country, and elsewhere for that matter, must return its tribute of thanks to Dr. J. Horace McFarland whose indefatigable energy in stimulation of rose love has already accomplished so much, and now he gives us in *Modern Roses*, a descriptive list of all important roses in commerce. That indeed is something for you! The uniform des-

criptions from which the flamboyant enthusiasm of the commercial sponsor has been eliminated makes comparison easier. In this latest dictionary of Rose varieties, covering 2511 variety descriptions, Dr. McFarland has given the rosarians of the world a new threshold from which to pass to future progress. Here we have sober, concise variety descriptions accompanied by the classification, name of originator, year of introduction, and as far as possible (that is to say, wherever it is known) the reputed parentage of a variety, and with it all a summation of the habit and behavior of the plant in cultivation. A stupendous piece of work, a labor of love indeed; the culmination of fifteen years of intensive study.

Modern Roses was prepared for the American Rose Society but is generally available through the Macmillan Company, New York. The first word of the author's preface well expresses the scope of the book, "a sincere desire to know the facts about Roses in American commerce."

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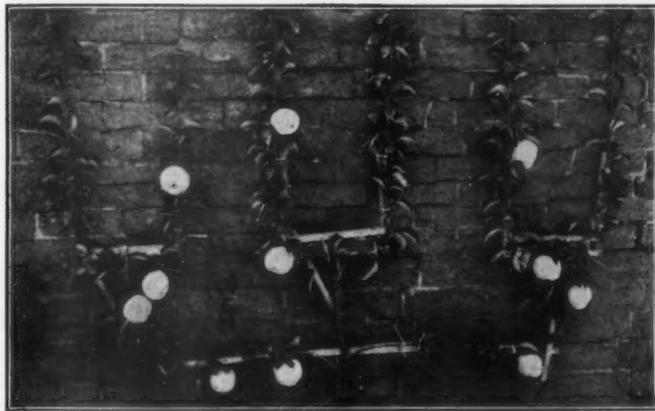
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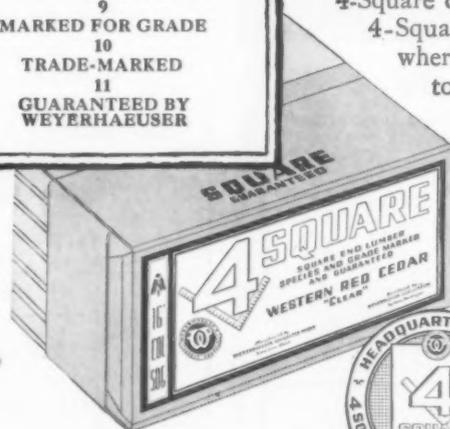
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This message to home builders is published by Weyerhaeuser as spokesman for

4 SQUARE DEALERS
FROM COAST TO COAST



to use this lumber and how it helps them erect better houses.

When you build *your* new home, see the lumber with the *eleven plus values*. You will recognize its construction advantages — and appreciate the importance of the new 4-Square developments now in progress. You will find 4-Square sold by leading lumber merchants everywhere — men who are working with Weyerhaeuser to make the greatest investment of your lifetime more satisfactory.

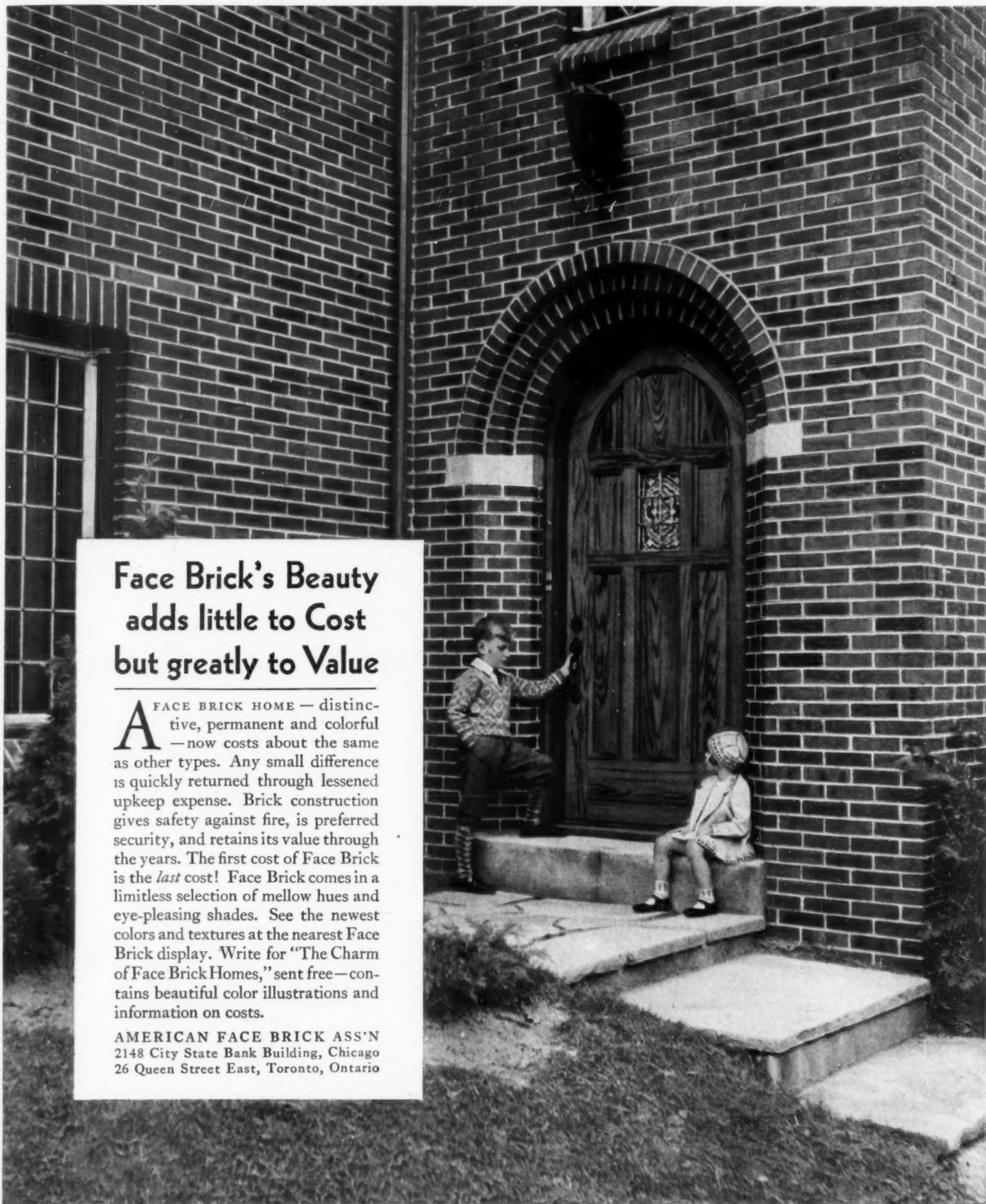
Before you build, or buy lumber for any purpose, there is a valuable and interesting book you should read — “Eleven Plus Values.” It shows point by point how 4-Square provides you with *quality* lumber for good construction.



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Please send your free book — “Eleven Plus Values.” SH-10

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