## "AMERICAN <br> for February



## Happy ending for an unfinished second story

There comes a time in the growth of most 1 families when the house begins to bulge at the seams. Children reach the age when they want a place of their own to play and entertain. Also, putting up overnight guests, whether the children's or yours, becomes more and more of a problem.

If you have an unfinished second floor or attic, you can pack an amazing amount of pleasant living into this unused space, and by choosing your building materials with care, the job needn't be too expensive.

In this combination room, which can be used as a family lounge, guest room, or children's play area, money-saving second-grade lumber was chosen for the walls and partitions.

Cheerful color was added with the moderately priced floor of Armstrong's Linoleum, which is hardy enough to take the rough-and-tumble beating that children are sure to give it. Its smooth, glossy surface is practically seamless.

Dust and dirt can be swept up in a matter of minutes before overnight guests arrive.

The couches that double as guest beds are simple wood platforms with slipcovered mattresses. The double-decker bed in the back room, as well as the table and writing desk in the living area, was homemade, too, which also helped cut costs. Tables and desk are covered with Armstrong's Corlon, an inlaid plastic material that's durable and easy to clean.

The ideas in this room will be helpful when you plan the happy ending for your second story. And before you go ahead, stop in and talk to your local Armstrong merchant. He'll gladly show you styles in Armstrong's Linoleum that will give your new rooms beauty and charm that you'll enjoy for many years.

A house seems twice its size when you convert unuse attic or second-floor space into a living area with man uses. In addition to providing extra sleeping quarter it's a popular lounge room for the entire family. Despit the constant usage of such a room, housekeeping is n problem. Furnishings are covered in soil-resistar fabrics, painted surfaces are easy to clean, and th Armstrong's Linoleum Floor sparkles at the swish of mop. The distinctive appearance of this floor was o tained by turning full six-foot widths of Armstrong Raybelle® Linoleum, Style No. 70, at right angles to ear other. The plastic table tops are Armstrong's Granet Corlon-Black No. 6108 and White No. 6107. For a fr floor plan of this room and a list of furnishings, ju send us a post card today.

Send for new decorating book, "It's Easy to Decorat - 36 full-color pages filled with exciting ideas for eve room in your home, whether it's new or old. Send 10 today ( 40 é outside U.S.A.) to Armstrong Cork Company, 5402 Pine Street, Lancaster, Pa.

## ARMSTRONG'S <br> LINDLEUN

There's an Armstrong Floor for every room in your home


THAT'S A TRANSISTOR, invented at Bell Telephone Laboratories. This tiny electronic device can do many things that vacuum tubes can do and more besides. Though little larger than a coffee bean, it can amplify electric signals roo,ooo times. Requires so little power that a coin, wrapped in a piece of dampened paper, can generate enough electricity to make a Transistor work. More than forty types of Transistors have been devised at Bell Telephone Laboratories.

## She's Holding a Five-year-old Granddaddy

The Transistor was announced only five years ago but it is already the daddy and granddaddy of many promising offspring. All of the growing uses of this tiny electronic device stem from its invention at Bell Telephone Laboratories.

Seldom has there been an invention with such exciting possibilities in telephony and in other fields. A recent issue of The Reader's Digest calls it "The Fabulous Midget" and
reprints these words from an article in the Science News Letter: "In less than half a century, the electronic tube has changed the world. The effect of the transistor on our lives may be equally potent."

The Bell System, in accordance with its established policy of making all of its inventions available to others on reasonable terms, has licensed forty companies to make and sell transistors. These include makers of
advanced equipment for defense, as well as radios, television sets, hearing aids and a wide range of electronic apparatus.

One of the first uses of the Transistor in telephony was in the new electronic equipment which enables telephone customers to dial Long Distance calls from coast to coast.

We can already see the time when it will bring many other improvements in both Local and Long Distance service.

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## UPSON CEILINGS

PROVEN QUALITY UPSON YOU CAN TRUST



In food as in décor, the unexpected if tastefully used can be uncommonly good (page 58). Here, Japanese boots sport bright red geraniums, and chicken pie is spiked with pineapple juice and ginger. Photograph, F. M. Demarest.


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## Contributors

. . . Jack peterson is owner as well as designer of the handsome and remarkably efficient home published as our lead article this month. For 18 years, he has been building houses, and was co-builder of the first ce-ment-block house with radiant-heated floors. A member of the Seattle Master Builders, he has done much to promote individuality in project houses.
. . . rosemary weatherred put away thoughts of a painting career after marriage, now uses her home as an artistic outlet. Her hobby-minded family has a room for "ever-mounting projects," is currently building a photography darkroom. Texas is her adopted home, and she delights in discovering its fine homes. You'll find a pair of them on pages 46 and 47 .
. . . J. david cathcart, a godparent of television, has a godparent's devotion to it (page 42). New head of a TV distributing firm in Des Moines, he was advertising manager for one major TV manufacturer, and Chicago manager for another. He has written extensively on the subject in the big early Prairie house he and his wife share with Willie, a domineering cat.

ROBERTA UNDERWOOD, one of the authors of this month's "Neighbors," is a native of Tucson, Arizona. She has actively taken part for nine years in the grammar school carnival she writes about. Married to sports writer Jack Underwood, she has two children - 15 -year-old Barry, and Janet, aged 12. She has also found time to collaborate in writing articles.
florence lavghlin, co-author with Mrs. Underwood (page 26), also expends her creativity in writing stories for children and adults. After attending college in California, she married a Tucson contractor. Her daughter Andrea, 14, and son Billy, 6 , have happily promoted and attended the annual school carnival ever since they could toddle.
. . . walter uhl has, for the past 25 years, been a designer and builder of homes on Long Island's North Shore, where he was born. Many of them reflect the style of handsome Early American farmsteads of the region, and, when possible, Mr. Uhl uses authentic antique materials-exposed old beams, plank floors, etc. For his own country kitchen, see page 48 .


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（Original letters on file in our office）
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＇It is of great interest to real something from another coun try with so fittle personal try with
effort．＂
－Mrs，G．B．H．Detroit，Mieh．
$7^{\prime \prime} I$ have just received my first surprise package from Eng－ It couldn＇t be nicer，I would like to continue my member－ ship in this wonderful club．＂ －Mrs．A．S．，Grapeville，Pa． ＂I can＇t tell you how happy I am with my first package $\dot{a}$ lot of commotion at my office．So many people haunted me for your address that at last I posted it on the bulletin board．Oh，I am so very pleased．Breathlessly waiting －P．A．C．
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THE AMERICAN HOME，FEBRUARY， 1954



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Going South? Here are two unusual books that can enrich your travels by helping you to recognize old flower and plant friends and to get to know new ones. Flowers of the South by Wilhelmina F. Greene, lifelong plant enthusiast and noted artist, and Hugo L. Blomquist, botany professor (Univ. of No. Carolina Press, price $\$ 5$ ), covers from the Carolinas to Texas. Nontechnical but accurate descriptions accompany the 500 line drawings and 55 paintings. The book urges conservation of native plants.
400 Plants of South Florida by Julia F. Morton and Dr. R. Bruce Ledin, of the Universities of Miami and Florida respectively, (Text House, Inc., Coral Gables, Fla., price $\$ 3.50$ ) concentrates on tropical and subtropical plants. The authors' concise descriptive notes and the 28 fullpage drawings by Dr. F. D. Venning, are printed in sepia on an eye-resting tinted paper; and the binding is moisture, mildew, and vermin proof.


## How we retired in 15 years with $\$ 250$ a month

"Joan and I are transplanted New Yorkers. Back home, I worked hard, saw little of the sunlight except on summer week ends. And Joan, as she said, saw little of me. But those days are over. Today, at only 55 years of age, I'm retired on an income. Living here in Ft. Myers, Florida, we find that $\$ 250$ a month buys heaven.
"I was getting close to 40 , when I decided to make the break. Actually, I had little capital and no training at investments.
"T'd always known that it's not how much money you make but how you manage that money that matters. So, when I was forty, I began to figure. I wanted to retire when I still had enough initiative to pull up stakes and move where the living was easier.
' There are plenty of places,' Joan used to say, 'where good living costs less than here. But if you wait till you're in your sixties, you're afraid to try new things. If you retire young enough, I bet you and I could find a way to live like kings on very little.'
"It took just as little as that to change our lives.
"We began to study other places to live. It got to be a sort of hobby with us. And we found there were plenty of places to go-if you had an independent income. And it didn't have to be a big one. copy now.

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"Fifteen yearsgo fast when you're busy. But we did find time to travel a bit. And that's how we settled on Ft. Myers for our retirement. The climate is ideal. Living is low-cost -and lovely. Security? We have all we'll ever want."

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## the AMERICAN 5  <br>  <br> 

Welcome to the Market Place! Merchandise, except personalized items, may be returned within seven days for a refund of the full price. Most of the firms mentioned in the Market Place prefer not to handle C.O.D.'s
a sentimental lady still has her first dance program, won't take off her wedding ring, and her favorite flowers are violets which decorate the top of this sweet heartshaped jewel box along with her own first name. If she answers our description, she'll cherish it all her life. It's Limoges bone china, $4^{\prime \prime}$ wide $\$ 4.95 \mathrm{ppd}$. L'Elegance et Cie, Dept. AH, 550 5th Ave., N.Y.C.
soclal climber is just satisfying kitten curiosity when he creeps up a goblet or even a fishbowl. His good Siamese breeding would prevent him from making a grab at anything inside. Of course he's that lovely beige and brown with blue eyes, and of course you'll want him. About $6^{\prime \prime}$, glazed ceramic. \$1.50 ea., $\$ 2.98$ a pr. Ppd. Green Gable Gifts, Dept. AH, 1554 3rd Ave., N.Y.C. 28.


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##  <br> Photographs by F. M. Demarest


a particular lady will love to carry a dainty jeweled Magnifying Glass in her purse for checking theater programs when she's wearing her distance glasses, reading the luncheon menu, or glimpsing price tags. Precision-ground glass is held in antique gold-plated holder made elegant with seed pearls and tiny rhinestones. $3^{\prime \prime}$ long. $\$ 4.95 \mathrm{ppd}$. Aimee Lee, 545 5th Ave., N.Y.C. 17.

IN february our fancies turn to lacy hearts and flower items, so we were in the mood to be intrigued with Gold-Dec-It. Packages of delicate gold paper motifs like those on old-fashioned Valentines can be applied to anything with any watersoluble paste. Look what part of one package does to a 5 \& 10 mirror, for a start. \$I pkg. ppd. Dorothy Harrower, II9 E. Io St., N.Y.C. 3

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For quick curls, pin up your hair in the usual manner, but don't wet it. Dip Curl Cap in warm water, shake off the excess and tie Cur Cap on, turban-
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IT'S A FUNNY Bird who can cook a piping hot chicken pot pie for six persons. And it would be a funnier cook who didn't realize how much this brightly decorated, flameproof casserole added to her productions. I $1 / 2$-qt. capacity, it could double as a cookie jar. In cream or terra cotta Mexican pottery. $\$ 3.95$ ppd., Maisel's Indian Trading Post, 510 Central Ave., SW, Albuquerque, N.M.

with this ring on the neck of a wine bottle, no drip runs down to stain the tablecloth. Embossed with a delicate vine motif, this Continental Wine Collar is silver-plated, lined with absorbent felt. The type of "little" gift you like to take to your dinner hostess, give as a small thank-you. $\$ 1.50$ ppd. Mabeth Card Shop, Dept. A-I4,

enchanting eggheads keep a morning egg under their hats until you are ready for it. Just the eggcitement, the breakfast crowd needs to send them off with a smile. From Italy, the man-about-town and his hayseed friend are painted wood with knitted hats. Darling Valentine engagement gift! The pair $\$ 4.50$ ppd. Studio Shop, Dept. AH, 557 Boylston St., Boston 16, Mass.


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tiny peacock trivets are the theme for these handwrought curtain tiebacks, and a lady with a fine eye for detail won't need a second glance to be convinced of how these jet-black iron preces will enhance a window treatment, dramatize white woodwork, spark an Early American scheme. $8^{\prime \prime}$ long. $\$ 3.25$ a pair. Postpard. Old Guilford Forge, Dept. AH, Guilford, Connecticut.

look at the birdies that stepped from the barnyard to seem as at home on your table as bacon and eggs. And there's more beneath those gay ceramic feathers than you'd suspect. Their green or brown bodies are really a sugar bowl and creamer. The yellow and redcombed heads are salt and pepper shakers. $61 / 2^{\prime \prime} . \$ 2.50 \mathrm{ppd}$. Damar, 972 Damar Bldg., Newark 5, N.J.
light on any subject. A little chimney lamp will cast its rays on whatever you wish, for you may plant the china bowl section with ivy, or fill it with pretzels, nuts, or candy. It will be strictly adorable wherever it lights. $12^{\prime \prime}$ high with brass base and fittings. Bowl and glass chimney in green, red, or yellow. $\$ 4.75$ ppd. Here's How, Dept. AH, 590 Third Ave., NYC 16



A cricket on your hearth is supposed to bring good luck. In addition, this big fellow is an excellent boot jack. Just put one toe on his tail. the other heel between his antenna, and a wet rubber or shoe is pulled off in a wink, no hands. Satin black cast iron, 10 " long, he could also be a doorstop. $\$ 2.25$ ppd. Treasure Mart, Suite 572 , Treasure Mart Bldg., Hillside, N.J.
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shelf sufficient. This Gourmet Shelf Rack joins your kitchen staff where it will go to work for you. Roomy $3^{\prime \prime}$-deep shelf can be used to display your favorite china, or hold a line-up of spices. Six sturdy studs underneath for hanging your kitchen tools. Of natural pine with satin-smooth finish. $20^{\prime \prime}$ long, $5^{1 / 2 \prime}$ wide. $\$ 2.98 \mathrm{ppd}$. Potter Post, Dept. A-2, Box 41, Brightwaters, N.Y.

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Gay Geraniums


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You can hang it yourself - and save! Wall-Tex comes in easy-tohandle 24 -inch rolls, pre-trimmed with straight edges for perfect matching. Average cost for an 18 -foot roll only $\$ 3$. If you prefer a decorator, your dealer will gladly recommend one for the job.

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The question of high fidelity seems to be occupying the minds of many of our citizens these days.* An encouraging manifestation, and one not likely-judging it from the sound and fury of the activity-to become expended too soon. Myself, being the academic type, I have done some delving into the subject, but really no more than could profit me with a grasp of its fascinating terminology. It happens that I am not especially given to the empirical, to trial-and-error, to experimentation. Let these assaults on the acoustical strongholds be made by others much better equipped, and leave to me the practical enjoyment of their conclusions in the finished product.

But there is balm in Gilead! Two sources, new and authoritative, of hi-fi information have swum into my ken. One is my journalistic colleague, Ed Wallace, versatile essayist for the New York World Telegram and The Sun; the other, believe it or not, a little dog named HiFido. Putting first things first, Mr. Wallace is . . . but let him speak for himself:
"I am no different from the ordinary highfidelity frenetic, except in the fact that I have two high-fidelity systems instead of the usual

## USIC

## IN YOUR HOME

## HOBEIRT BAGAIE

one. This is for the reason that I love music-all kinds of music -realistically performed, and not because I have any special affinity for electronic equipment. With two systems, I have been able to beat the satanic perverseness of all mechanical and electrical things. One has broken down, or the other, on occasionbut never both; and there I am in a record lover's seventh heaven with the greatest music ever at his beck and call.
"I started by purchasing an extra turntable when the one I did have experienced a few bad days. Then I bought a second amplifier when the first began to sputter, and that was the second step to getting a complete second system. Ordinarily, speakers are the most trustworthy link in the high-fidelity chain. Other units are not so dependable. For example, turntables suddenly go off their feed and make rumbling noises, or they wow (that is, they revolve at a variable speed, perhaps the most annoying trouble a hi-fi outfit can develop). Or the pick-up (that's hi-fi for needle) can unexpectedly demand factory attention. All this may give you the impression that high-fidelity equipment is erratic and treacherous. Well, that's just the way it is. However, a good set will perform with nobility and grandeur-until a tiny fuse blows out. All I know about electricity is that when I put two units together and they produce a curl of blue smoke, the connection is wrong. I start again. You have no idea, until you get the hang of it, how much blue smoke you'll encounter.
"For a man whose musical tastes ran originally to Roy Acuff and kindred folk balladeers, I now find myself reveling in the complicated musics of the world's greatest masters, from preBach to post-Stravinsky. And I love it! And I'm still mad about Acuff and his kind! I do wonder, sometimes, just what I would do if both systems should break down together-horrible thought!"

So much for Ed Wallace who, though he may not be a scientific precisionist, is certainly thorough. But about my little dog HiFido; he was given to me by a considerate friend who felt that I was sorely in need of a dependable guide through the reaches of sound and its manifestations to which dogs are more sensitive than mere humans, however aurally sophisticated. Such things as the differences between woofers and tweeters are of easy compass to him. He knows a good baffle when he sees one, even before detecting its goodness through the quality of the sound it produces, Rumbles and wows he spots like an eagle a stray lamb.

Hi-Fido is not a talking dog. Most talking dogs have no imagi-
PLEASE TURN TO PAGE 102
${ }^{*}$ FOR MORE ABOUT High Fidelity, SEE PAGE 44

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Iore than just a dryer-it's a lothes "conditioner"!
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thes dry fluffier, softer-smell even sweeter a when dried outdoors! And they're so wrinklemost pieces are ready to fold and put away for hediate use! When you "dry-condition" your hes in the new G-E Dryer, you'll find you iron than ever before!

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Temlok is an attractive fiberboard material that builds, decorates, and insulates in one quick installation. In the room above, the Temlok Tile on the ceiling and slanted walls was put up in one afternoon. The next day, Temlok Plank was applied to the side walls. Temlok's Lok-Bevel joint makes this speed possible. Temlok Tile comes finished in White or Light Ivory, and Temlok Plank in a random "Suntan Blend." The plank walls above were repainted to match the ceiling color. Temlok builds in year-round comfort, too, because it insulates against summer heat and winter cold.
Remember Temlok can help you turn wasted attic and basement areas into extra living space at remarkably low cost. Ask your building supply dealer for full details on Armstrong's Temlok.

SEND FOR FREE BOOKLET, "New Ways to Remodel Your Home." It's illustrated in color and packed full of how-to-do-it ideas. Write Armstrong Cork Company, 5402 Clark Street, Lancaster, Pennsylvania.


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SEE PATTERN ORDER FORM ON PAGE 109

HOLD-EVERYTHING RACK: With the aid of our pattern, the home handy man will find it easy to make this rack which stores pots, pans, their lids, and kitchen utensils handily and in such a way as to make them decorative assets. Pattern 1341


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This generous FREE gift is being offered to you as a demonstration-so that you and your family can discover how much pleasure and knowledge can be derived from this new and unique plan.

## A Much-Needed Program

There is no subject more satisfying and vorthwhile for young and old than the study of Nature. And the best way to undertake this fascinating quest would be n the personal company of friendly and nspired naturalists, such as those on the Staff of the National Audubon Society.
These scientists would show you the nigrations of sea birds over thousands of miles of open water ... let you discover now cleverly Nature "protects her own"
with camouflage...explain to you the strange and almost unbelievable ways in which some animals reproduce, and rear their young. Best of all, these naturalists would open your eyes to the wonders you can discover in your own back yard or park!
An Amazing "Museum-at-Home"
The "Museum-at-Home" plan was developed to bring to your home the closest possible equivalent to this kind of thrilling personal guidance. Each month a fascinating new topic is selected, and you and your family explore it together with the Na tional Audubon Society's experts. For each topic, a collection of about thirty natural color prints - usually brilliant true color photographs - is issued, together with an album in which the prints (already gummed for this purpose) may be mounted. An interesting fact-filled text forms an important part of each set. It explains your "Museum-at-Home" exhibits, and gives you a wealth of other information. And the total cost is very low: only $\$ 1$ for each set, plus a few pennies for shipping.

Your albums and color prints will rapidly grow into an "armchair museum" of Natural History! And this "museum" will be visited again and again through the years by the whole family and by friends.

When he's angry this Anolis Lizard, or American Chameleon. turns BRIGHT GREEN!

Begin with this FREE Set; withdraw whenever you wish
 You assume no obligation when you send the Enrollment Coupon at the right, and receive your FREE CAMOUFLAGE IN NATURE set. You may resign your enrollment at any time you wish. But we feel sure that once your family has become acquainted with the "Museum-at-Home" plan, you will want to continue these delightful monthly "visits" for a while. That's entirely up to you, of course. However, we urge you to send the coupon NOW to be sure to get your first set FREE - and without obligation. Quantities are limited. Please mail the coupon without delay.



## YOU CAN BUILD THIS ALADDIN READI-CUT HOUSE YOURSELF. . . and Save Hundreds of Dollars!

Imagine receiving A COMPLETE HOUSE IN ONE SHIPMENT-ready to erect! You get everything needed. The lumber is the finest-every piece THOROUGHLY DRY. And it comes to you the EXACT SIZE needed-cut at the mill by fast, precision machines. No stopping to measure and saw each piece! (You save as much as $30 \%$ on labor- $18 \%$ on waste) AND YOU CAN CHOOSE FROM 99 INDIVIDUAL PLANS-beautiful, modern houses of all sizes and styles. Not only will you save money but you will have the satisfaction of knowing that Aladdin Houses have withstood the test of time during the past 48 years. Aladdin's thousands of satisfied customers are your guarantee of honest value. We will send you names and addresses on request.

## QUALITY:

ALL EXPOSED LUMBER IS GUARANTEED TO BE CLEAR AND

KNOTLESS


THIS IS THE WAY TO BEAT THE HIGH COST OF BUILDING!

$\$ 24$ a day think how much yo can save by building your own Aladdin house! Carpentry work runs from 300 to 1200 hours, depending on the house you choose. Even if you hire help you save because most of the expensive, time-consuming
WHAT READI-CUT MEANS
The picture below shows how each piece of Aladdin lumber is cut to EXACT size at the mill-
mitred and bevelled for perfect mitred and bevelled for perfect to meet the most exacting building standards in both construction and materials.


What you get when YOU BUY AN aladdin house - ALL THE LUMBER accuratoly cut to fir, marked and numbered ready to arect pracilcally witheut use of a saw. - SIDING MOULDINGS

- MILLWORK MARDWARE - MILLWORK HIOORING HARDWARE - FLOQRING PAINT

WINDOWS GLASS
TRIM D NAILS

- COMPLETE DRAWINGS a imstructions
the mill. No wonder Aladdin houses are so easy to build-and at a cost that often compares favorably WITH PRE-WAR COSTS! Drawings and instrucfions are simple to follow and cover everything from foundation up. More than half the Aladdin houses sold have been erected by buyers themselves!


GOOD HOUSES NEVER GROW OLDaLaddin houses are not prefabricated


NO DEALERS' OR AGENTS' PROFITS IN ALADDIN PRICES - BUY DIRECT!


THERE'S AN ALADDIN HOUSE NEAR YOU - WRITE US


EXCITING NEW HOME DESIGNS FOR 1954!
 SATISR YOUR
OR BAY CITY, MICHIGAN Sam Hughes school enters into the spirit by staging its eighteenth annual Chuck Wagon Roundup. Backed by pupils, teachers, and community at large, this middle-of-February festival goes all out Western-style, from nine to five on the big day, and the school's Parent-Teachers' Association profits from the proceeds. Previous funds, in amounts approaching $\$ 3,000$ a year, have been used for school improvements: to build up libraries, buy sports equipment, and install a public address system. Much of it was returned to the community through contributions to charities for underprivileged diliden.
Customers of all ages, garbed for the occasion in levis, tengallon hats, and Indian clothes, find over 20 concessions, both in classrooms and the block-long playground, to entertain them. Areas are roped off for riding, and a donkey shay makes winding trips around the basketball court. On surrounding streets, conveniently
 blocked off from traffic by the Police Department, an authentic horse-drawn stage coach and four other colorful, Old West vehicles lent by the local Parade Committee, are filled with passengers who circle the block twice for a dime. Other perennial favorites are the ringtoss game, the bargain store, the fish pond, the Western movies, and the cake walk.
Careful planning is the keynote of this yearly fiesta. Each school room is made responsible for one concession, traditionally kept by the same teacher, and managed with the help of parent committees. The entire carnival is covered by special insurance,
please turn to page 28 THE AMERICAN HOME, FEBRUARY

## MENGEL

## Don't let a small budget

## cramp your style ... choose

## MENGEL "Skylark"



## No wonder it's wonderful ... it's MENGEL furniture

Make your bedroom sing...for a song ... with Skylark.
This new Mengel suite is so brightly priced that you can furnish your whole room-bedspread, draperies, lamps and all-for what you'd guess the furniture would cost.

And such beautiful furniture!
Skylark is built in the finest Mengel manner. Of clear woods, hand-rubbed
to a rich, enduring finish...in taffy mahogany, limed oak, or cordovan mahogany.

The drawer-pulls have the lavish look of gold. And as you read yourself to sleep in the Skylark bed, you'll feel that life is lavish, too.

Would tomorrow be too soon to start enjoying such luxury...at such thrift prices?

A three piece grouping of Mengel's "Skylark" (bed, chest, double dresser and mirror) is $\$ 269$. Prices may vary slightly in some areas. Ask to see these pieces and others in the "Skylark" Group.

## MENGEL



Golf, paddle, "spot" wild life in the green nature-country of National Parks.


Like going abroad are visits to colourful cities like Ottawa, Canada's capital.


MODERN HIGHWAYS MAKE A MAGIC CARPET INTO A SPACIOUS OUTDOORS WORLD

It's all too good to miss .... and no reason why you should! Canada is so close, her attractions are so varied that you can get a heaping vacationful of travel and relaxation even though time and budget are limited. You'll find your kind of vacation fun waiting north of the border. See your travel or transportation agent soon; send the coupon now.

## 01-1-26-54.01

CANADIAN GOVERNMENT TRAVEL bureau, ottawa, canada
Please send your 48 -page, full-colour book on vacation attractions in all parts of Canada . . . . . . . $\square$ Tell me where 16 mm sound films on Canadian travel subjects are available in the U.S.A. . . . $\square$ Check $\sqrt{ }$ as required

Name
please print
Addres
Town

## A Fast Roundup of Fun

(Begins on page 22)

to protect customer and school alike in event of an accident, but, through supervision, no serious mishap has ever occurred.

Most popular of all concessions is the Chuck Wagon, a food counter manned by relays of parents, with a menu consisting of big bowls of chili beans, hot dogs, hamburgers, coffee, and cowboysized hunks of homemade pastry. Every mother contributes one cake or pie for each child she has enrolled, and other items are

bought wholesale from friendly local dealers. Actual cooking is taken over by the Fire Committee, composed of willing fathers who set up a stove of cement-block piers and sheet-iron grills in the center of a horseshoe of plank tables. Papas are justly proud of their burgers and "dogs," turned out that day by the thousands.

Inside the building, little cow-pokes and cow-gals are fascinated by the museum-zoo's unusual pets, by the Spook Room's horrors, and by the activity in the bowling alley. To wind up the afternoon, a Western Show is held in the school patio by professional entertainers. The children assemble in parade and prizes are awarded for the best costumes.

Roundup attenders all claim that each succeeding carnival is more successful than the last. This truly co-operative venture, because of efforts of everyone from the smallest first-grader to Elbert Gump, the beloved principal, is an idea that might well be adapted by any community in need of school improvements the happy results? A wagonload of fun for all concerned, plus dimes and dollars corralled for the school's P.T.A.


The bargain store, named for Sol Werner, one of the pioneer merchants in Tucson in the days of the Old West, does a thriving business. Items are sold dirt-cheap by a sixth-grade teacher, whose pupils have for weeks been accumulating a collection of "white elephants." Customers cart home such objects as old costume jewelry and outgrown cowboy boots

#   



Imperial's container keeps water handy at your feet. Just dunk each strip and smooth into place. The room stays neat - your hands stay clean.

Now-"ready to wear" for your walls-beautiful Imperial Washable Wallpapers are a cinch to hang! No pasting to do, no fussy cutting, no tools to buy. You'll get the hang of it fast. Just wet, apply-sponge smooth. It takes so little time and money to give yourself the new room beauty that only wallpaper can provide. Imperial is not expensive-only looks it, and it lasts for years. Choose from many superb new patterns, both modern and traditional. Look for the famous Imperial silver label. See your Imperial dealer now! He will be glad to recommend a competent craftsman, if you prefer.

## With your own two hands...in just one week-end...you can transform a dull room to radiant beauty!



## More comfort...more wall space with New Baseboard Heating

Heat your home the newer, better way. Get comfortable, even warmth from floor to ceiling, wall to wall, with American-Standard baseboard heating. Heatinglike this with American-Standard Heatrim panels gives you more wall space, more decorating freedom . . . yet Heatrim panels for an average room cost as little as 37 \& a week plus installation.
Heatrim panels are easy to install in old or new homes, can be painted any color, replaceold-fashioned wooden baseboards, let you use all your wall space. Designed for forced hot-water heating, Heatrim
panels deliver clean, comfortable, dependable warmth at a very low cost.
Easy terms can be arranged. Your American-Standard heating retailer has a complete line of heating equipment including efficient, economical cast iron boilers for oil, gas or coal and new baseboard panels. Install new, or replace worn-out heating equipment now and pay for it on easy terms. Look for your American-Standard retailer in the yellow pages of your phone book, under "Heating Equipment." American Radiator \& Standard Sanitary Corp., Pittsburgh 30, Pa.


If vour room looks like this, start modernizing by installing American-Standard baseboard heating. It keeps rooms evenly warm on coldest days gives you unbroken wall space.
NEW HOME BOOK! A practical book, in full color, packed with helpful facts on the right heating and plumbing for your home, plus lots of decorating ideas. For your copy, fill out and mail the coupon below with $10 ¢$

# American-o tandaud <br> HEATING 

## Do You Have a Family?



Then you are looking at the BEST family house you'll probably ever see!

It is the home of the Jack Petersons in Windermere, Seattle, Washington


## JEAN AUSTIN

Everywhere one reads that a home is primarily for bringing up a family. Yet in thousands of miles of travel every year, we rarely find evidence that homes are built around such logical reasoning. Usually, children are made to fit the house; more often than not, the house discommodes both children and adults. Not so the Jack Petersons' home. In all honesty, I must admit that, after driving past it one rainy day, we asked permission to photograph only because we thought it beautiful. But when we arrived later with camera, we soon understood that this was more than just a beautiful color feature for our readers.
It is the most extraordinarily successful plan for family living that I have seen in many years. Children swarmed all over the courtyard and terrace. Mr. Peterson, coming home midafternoon curious to see what we were doing, retired behind his newspaper in the TV end of the living kitchen. Mrs. P. quietly made a great stack of sandwiches for us behind the discreet screen of greens in the efficient kitchen end of the same room. The children ran into their own rooms-unseen, and disturbing none of us. And when we had finished our work, we all retired for a quiet chat to the serene, lovely living room. The plan tells the story as do the pictures of how the plan works. But may I say that if you have a home that provides a safe, sheltered play area for your children and their friends, that works wel for Papa's leisure and Mama's chores, that can absorb a flock of editors and cameramen, and STILL offer a quiet haven for afternoon conversation-then you REALLY have a family home. You are looking at such a home here! We can never be grateful enough to its owners for sharing with our readers a plan into which went all the know-how of Mr. Peterson, one of the most successful builders of homes in the United States.
FOR MORE PICTURES OF THIS HOUSE, SEE THE NEXT FIVE PAGES

## " "back" please,

## Through the "back" please,



How it works


Under this roof even in a Seattle "mist" they can play outdoors
(6)

because this is where the family lives!
 Generously, Mr. P permitted us to offer a pattern of it to readers corey here. Blicepinc Conerracion Poteen 2038 Set pattern oren form on page 109


# Through the "back"door 



This is the first living kitchen

 ever to get my personal seal of approval. One reason: informal living is really provided for here


## access to all the strenuous, active living

 that goes on in the house


From the living kitchen
directly into the
formal dining room -
small, because the Petersons,
like most of us,
do little "formal" entertaining
$D O W N$
A FEW STEPS into the beautiful, serene

living room

and UP $A$ FEW


Order Form on Page 107


Queen of the poppies is Papaver orientale, shown here in four of its many form and color phases. Left, May Curtis; center, New Perfection; then Early Double. Next row, left, another single

Well named the Oriental poppy because of its Far Eastern origin as well as its flamboyant, exotic beauty, this dependable perennial heralds the spring in clarion tones with huge blooms

But for some places (and some poppy lovers) it may be too glamorous, and also too transitory. So we welcome the other types and relatives, some of which are pictured on the facing page

1s in the case of Phlox, which was discussed from the "Let's go shopping" angle in the January issue, so the word "Poppy" means different things to different people in different places. Not long ago, a friend from California asked me what a certain flower in my New Mexico garden was. When I told her it was a Shirley poppy, she exclaimed in surprise, "Why, I always thought that poppies were low-growing and yellow. I've never seen a flower like this. It's beautiful, and looks as though it were made of paper."

She, obviously, had in mind California-poppies, the state flower of her homeland, and which a botanist would say is not a true poppy at all. So it occurred to me that, although an attempt to outline the relationships in the Poppy Family (Papaveraceae in the botanical Who's Who) might temporarily confuse her, what better time to give her a simple explanation of the situation? That was the origin of these suggestions for poppy seekers, and the summarizing guide or table of the more important kinds and their distinguishing characters on page 96 .

As in all plant families made up of several (sometimes many) groups or genera, the various members of the poppy clan have been put in their respective genera because of the similar structure or arrangement of their flower parts or other basic botanical features, even though the different plants may vary considerably in size, habit of growth, hardiness, etc. This brings together as kin such outwardly dissimilar subjects as the usually "low-growing and yellow" California-poppy (formal name, Eschscholzia) which is a perennial in the warmer parts of its Pacific Coast habitat but is usually treated as an annual; the definitely tender bush- or tree-poppy (genus Dendromecon), the ruggedly hardy, though frail-appearing Oriental poppies (Papaver orientale), and others. (The

The annual Shirley poppy, center in this row, is a cultivated offshoot of the wild Field or Corn poppy of Europe; the red, black-spotted type is immortalized as the flower of "Flanders Fields"

At this end of this row is one of the named varieties of California-poppy, the double, pale salmon-pink Eschscholzia californica "Sweetheart." The wild form is shown below it

It is told that when an early railroad magnate, te beautify his line, ordered large-scale sowing of California-poppies, the seed had to be brought from Germany!

MARION BLACK WILLIAMS

## and E. L. ID. SEYMOUR



The Mexican Hunnemannia, called golden-cup, tulip-poppy, and bushEschscholzia (left), is handled as an annual in the U. S., but blooms by August from spring-sown seed. The variety pictured is Sunlite

The Greeks named the pricklypoppy Argemone after an eye malady it was said to cure. Here (center) is A. grandiflora; and even if it will not heal, it certainly can please, the eye-all summer long

All the poppies pictured here, and others not shown, are easy to grow, relatively free from pests and diseases, generally resistant to heat and drought. "Nuf sed?"
ever-helpful Hortus $I I$ lists 20 genera of the poppy family that are "grown in the flower garden," but some are of too limited application to warrant discussion here.) Thus the selection of varieties in any one of these branches of the family-and even before that of the particular branch or branches that you are going to grow-becomes a many sided problem full of opportunity for study, observation, experimentation, and, of course, generous reward. So whether you decide to make a systematic, critical test of a lot of kinds, or merely want something to brighten a border or strike a special color note, poppies are rich in potentials for continuous as well at temporary effects.

Generally speaking, the more brilliant a plant's flowers, the more sunlight it needs in order to perform creditably. This is true of all the poppies, which also require a well-drained soil, less likely than other types to favor rotting of the fleshy roots. However, while the annual sorts thrive on heat, it is well to sow the seeds early in the spring, or even, where practicable, in the fall, so the plants will be well established before the hot weather strikes. Perennial kinds can be grown from seed, best sown in spring, or from plant divisions or root cuttings made in summer. In all cases, start the plants where they are to flower and thin them out to the proper spacing, rather than attempt to transplant them. Poppies resent being moved-and naturally, since it almost inevitably results in a damaged root system. Although Oriental poppies are glamorous and spectacular during their early, short blooming period, and although their pepper-pot shaped seed pods on tall, wiry stems have real character, the much-cut, woolly foliage soon yellows, dries, and disappears, so

PLEASE TURN TO PAGE 96

# Vrs. IVainurighlis IVI achiered 

-privacy, minimum upkeep, all-season attractiveness

1folor for spring; luxuriant, refreshing greens; privacy from neighboring houses; and a design both practical and artistic are the landscape objectives in Mrs F. King Wainwright's Pennsylvania garden. Along with pleasing design goes a good planting scheme which leaves no corner uncared for, just as good interior decorating does indoors. A result like this can be duplicated in the average suburban property although, in this in stance, sloping ground was taken advantage of by introducing different levels. At the entrance, note how the banks created by the sunken drive were fully utilized: One bank screens the house from the road, while those flanking the door provide $3^{1 / 2}$ - ft .-wide raised beds,
held by dry retaining walls and densely clothed with ferns, ground covers, azaleas. Beyond the garage, steps and a path reach the service yard; on the other side of the house, steps lead through a brick wall to the informal, upper-level green garden from which the covered porch, sunken paved terrace, and surrounding brick path are gained. The porch and terrace comprise an intimate, cosy living area-the heart of the gardenwithin green walls, set off in spring by many flowering bulbs. It is a tribute to Mrs. Wainwright and her landscape architects, the Misses Cloud, that when she bought the place a year before these pictures were taken, the run-down grounds were in a hopeless mess.


1. Flanked by broad-leaved evergreensand low ground covers, this brick path along the western edge of the garden parallels the sunken terrace. At this end, a cross walk reaches the paved porch; beyond, a left turn in front of the wall fountain leads back to the terrace steps



The "Champlain" by Sentinel, UHF/VHF 21-in. mahogany television, \$479

Tn the thousands of years of man's recorded history, there has never been anything quite like the way in which American families have quickly come up with hundreds of dollars each to latch onto TV. In six short years we've gone, in the teeth of all prediction, from a few thousand to $25,000,000$ sets-better than one for every two families across the nation! Just as amazing, too, have been the rapid improvements. Thanks to the cut-throat competition which exists in this wonderful industry, to your benefit and mine, you can be sure that you get what you pay for. Within each price range, sets of different makes are pretty much on a par. Thanks to the same
 competition, it is almost impossible for us to predict, at this writing, exactly what the latest and hottest news in TV will be by the time these pages reach you. But some trends are clear, and you should consider them when you buy your new sets.
cabinets: For the first time, most manufacturers have made decorative assets of TV cabinets, as you can see on these four pages. Obviously, their concern when TV first appeared was to produce sets in sufficient quantity. Next, they vied with each other for technical perfection. Now that the novelty has worn off and technical changes are less drastic, buyers have become more discriminating


Stromberg-Carlson's "Empire," UHF/VHF 24-in. television, \$575
about the set's appearance. Some of the handsome pieces we show house TV alone; others combine TV with radio and phonograph. All are designed to fit specific decorating needs, and their price range is from $\$ 350$ to $\$ 1250$.
coLor: Successful experimentally, color broadcasting should be general within a year, and once standards are officially set, colors will be true and vivid, adding pleasant realism to the broadcast picture. However, for various reasons, black and white TV will be with us for a long time. At first, color will supplement rather than replace black and white, and, thanks to what is called "compatible" broadcasting, you'll be able to receive color broadcasts in black and white on your black and white set. One reason why color probably won't become universal immediately is the anticipated cost of color TV receivers-in the neighborhood of $\$ 700-\$ \mathrm{I}, 000$ for the early ones. Another will be the size, for at first screens will be small (comparable to the old 12,14 , and 16 inch sizes). A third will be servicing which will be more complicated, and certainly more costly, than for black and white. Naturally, costs will eventually be lower, screens will be larger, and color TV will be enjoyed by all.

COLOr CONVERSION: It probably will not be practical to convert a black and white TV set for color reception. No external device has yet been perfected for such conversion, and rebuilding a set would
be costly and complicated.

UhF-vhF: VHF (Very High Frequency) is the term for the channels you have been receiving for years. UHF (Ultra High Frequency) is the term for the new channels opening up. In the early development of TV stations, the Federal Communications Commission decided that 12 channels should be more than enough. Since TV sets cost hundreds of dollars, it was expected that only a few lucky families in each community would be able to afford them, so few stations could be supported. The Commission therefore set aside a section of the spectrum to accommodate channels No. 2 through $I_{3}$ (VHF). But you and I and a lot of other Americans promptly proceeded, as we frequently do, to prove the forecasters cockeyed! Sets were snatched up at such a pace by poor man and rich, by city man and farmer, that in just a year and a half the Commission was forced to clamp a "freeze" on station applications while it took time out to find new airways and set a pattern to keep reception conflicts at a minimum. Not until April, 1952, did they begin accepting applications for UHF stations in the ultra high frequency area where they'd decided 70 new channels, No. 14 to 83 , could be sliced in. Viewing a UHF picture, you'll see absolutely no difference: clarity is good; definition is fine; a reception distance of something like 60 to 75 miles can be achieved by most UHF stations. But power lines and hills, as with VHF, are the deciding factors.
UHF Conversion: Converting your present TV set to UHF is

# How to Buy Television 

(Begins on page 42)

pointless unless you know definitely that a UHF station is within 60 miles or so and unless its programing will be worthwhile. Such conversion can be accomplished in the following ways:

By a tunable tuner. A serviceman comes to your house, takes out the chassis of your set, and solders in a second tuner. A single knob (for both UHF and VHF stations) suffices in some cases; in others, two knobs are required. This type of conversion costs about $\$ 50$.

By strip convertors. Each strip is a bit of plastic about the size of a small mustard spreader which sprouts tiny wires, components, and terminals galore. It can be snapped into many barrel-shaped turret tuners (which you probably already have) and will receive one UHF station. One strip is required for each UHF station. Again, it is a serviceman's job. Depending upon locality, cost including one strip, might be $\$_{15}$; two strips, $\$ 20$.

By external convertor. This is a little plastic set which looks like a table radio. It can be put on an end table or on top of a TV set. No service work is involved. The cost is about $\$ 45$

Experts prefer the first two types of conversion, but disagree as to which produces the best UHF picture.
uiff antennae: Almost always, special antennae and a special shielded lead-in are required. A switch behind your TV to let you choose the antenna for each station may also be required. All this might involve a service charge of $\$ 20$. Labor costs vary, so precise estimates involving service are difficult.

Built-in antennae for UHF will work for a few homes. But the chances are better than two out of three that your TV room will be located where the signal is weak. The better picture you will receive with an outside antenna will justify its cost.
picture sizes: The early theory that large screens require large rooms seems to have been discarded. The fact remains that viewing a screen from a distance at which horizontally defined lines are visible is both fatiguing and distracting. At your dealer's, be sure to look at the screen from same distance from which you will view it at home.
prices: The differences between a chassis for a big picture tube and a smaller one are few, and the audio system and speaker PLEASE TURN TO PAGE 83

One handsomely styled chairside cabinet holds 3 -speed phonograph, AM-FM radio, plus mechanism for remote control of custom model UHF/VHF 27 -in. television with two $12-\mathrm{in}$. hi-sensitivity speakers (large cabinet). The other one p: svides storage for records. By Crosley, the three cost about $\$ 900$
 W \& J Sloane


Admiral 21-in. VHF television adapts to UHF, $\$ 350$


21-in. VHF television adapts to UHF, Motorola, $\$ 350$



RCA Victor's VHF or UHF 21-in. television, \$495


Philco's UHF/VHF 21-in. hi-fi combination, $\$ 1000$

I[ptil recently, the term high fidelity* was applied only to music obtainable from a sound-reproducing system for recordingsusually a custom-assembled affair. But hi-fi, like television, has caught on so rapidly that news is constantly being made. For one thing, the audio systems in some TV sets have lately been designated as high fidelity. For another, hi-fi systems for radio and phonograph are much easier to come by than they were. This season a number of firms (both national manufacturers and local dealers) have put on the market, at prices ranging from about $\$ 150$
*For one critic's view of hi-fi, see page 22
up, high-fidelity phonograph and radio-phonograph systems already assembled in table models or console cabinets. Real audioenthusiasts may frown upon the least expensive ones, and it is certainly true that in highfidelity sound, as in everything else, you get no more quality than you pay for. But it is also true that such ready-made sets can bring some of the recent improvements in listening pleasure within the reach of millions who might not otherwise enjoy them.

To many people, however, a high-fidelity system for listening to recorded or broadcast
music is, and probably always will be, one which was assembled for his own ears, to meet the acoustical requirements of his own room, from component parts which he himself selected. (We discuss such parts and their assembly below.) Indeed, this very personal custom-made aspect of high fidelity is one of the factors contributing to its popularity.
To be sure, the term doesn't mean the same thing to everybody. To some, high-fidelity means "anything with more than one speaker" (this couldn't be more untrue!); but to the true audiophile, it dare only be used when

## VERY G00d remodelings



OWNER: MRS. GEORGE R. CHRISTI

## MOSEMARY WEATIERERED

To their owners, these two of a kind are, at the very least, worth a royal flush. However, it was brains and foresight, not Lady Luck, that made them such winners. Both little houses stood, not far from each other, in one of the most desirable parts of Houston (a neighborhood rich in old shade trees, and that is important). Both were old by
 Houston standards, and they were dilapidated as well as dated. Even though housing was scarce, both had been for sale for some timewith no takers. But each house was an excellent buy for people with sufficient imagination to capitalize upon the good points, remove or camouflage the bad ones, and add dash and style with the help of small touches which count for more than they cost.

Mrs. George R. Christi
accepted the challenge posed by the house on this page. A hideous scrambled-egg yellow it was, and it was graced with nothing to please the eye. Had she done no more than to give it shutters, and to bless it with its new color scheme-a dark gray with white trim-the face lifting would have been effective; but the refinements Mrs. Christi added make the transformation remarkable. In the small illustration you see the work in progress.

Up went a low porch with broad steps on two sides to give the house visual width, and to extend a charming welcome at the new front door. To acquire the antique doorknocker, the fine grillework, and the beautiful old handmade brick for the front steps and the rebuilt chimney, Mrs. Christi visited her native state, Louisiana-but materials found locally, though less perfect, could produce a similar over-all effect. To join the brick steps to the chimney and to add still more width, a brick retaining wall was put up for the front flower beds. As final punctuation, antique urns were placed, just so, on the steps, and the large front window was underlined by an imposing planter.

Inside, a new fireplace, new paint, and new paper were all that were needed to create a fitting background for Mrs. Christi's heirloom mahogany. After all, such ingredients, used with taste and vision, are all any basically sound interior requires.

## iv holiston

## 2 SUCCESS STORIES



OWNERS: MR. AND MRS. SUMNER HARRIS

Iisn't unusual for complete strangers who knew it in its "before" days, to ring the Sumner Harris' doorbell and ask to see their remodeled home. No wonder, for the changes, both outside and in, were really extraordinary. The red brick house, 25 years old, was known to real estate agents as "that hopeless wreck on Alban." It had no period, no style, no character. It had been totally neglected for half its life, and had never even enjoyed a repainting. Termites had taken over, the plumbing was bad, and the unplanted garden was rich in weeds, holes, and buried cans. But the location tempted the Harrises, who planned their remodeling before they bought, and figured that they had a good buy. They weren't one bit mistaken.
Here is what has people ringing their bell: They enclosed the little front porch to give themselves a good entry and closet. They repaired the brick, painted it white, and added gray-blue shutters and an antique front door. A post lantern, rail fence, brick flower box, and some judicious planting around the house complete the exterior picture.
They enlarged their living by ${ }^{\prime}$ adding a $12^{\prime} \times 16^{\prime}$ porch to the rear (screened now, and built for future glazing). They built a carport, and turned the garage (now repaired and painted barn red) into a workshop for Poppa and a whopping big storeroom.

Between carport and garage, there's a U-shaped patio with barbecue.
Inside, they threw down walls, added paneling, bought brand-new fixtures and appliances, built in closets and bookcases. The final effect of all this? Let Mrs. Harris tell it:
"When I look back upon it, I wonder how we had the courage to tackle it. But I'm so glad that we did. We have more square footage, more of what we want in style and modern features, and a better neighborhood than we could have had for the same money by building a new house. It was worlds of fun -but don't let me mislead you-there were plenty of headaches." Not too many, we suspect, for she adds: "I'd love to do another remodeling, and I can't help watching out for another 'hopeless wreck.'"



The best of two worlds flourish here. There are cabinets aplenty for a modern kitchen's requirements, but they were lovingly built of knotty pine and graced with hand-crafted hardware, the hinges being exact reproductions of the Early American rattail types


No 20th-century convenience is sacrificed to the Early American look. Handsome housing which would have done a Colonial woodworker proud does not interfere with a dishwasher's operation. Other up-to-date notables: plastic work surface, ample electrical outlets

## A BUILDER DESIGIS HIS OWN KITCHEN

MAIEY E. MONZE


Mrs. Uhl's old china and copper have a setting worthy of a museum. The gay tablecloth, the hand-braided rug, and the old oil lamp, now electrified, all make noteworthy contributions

When we decided to publish this story (and we lost no time in deciding) almost everyone wanted a part of it. The Equipment Department claims it's a kitchen story-and it certainly is as efficient and attractive a country kitchen as we've seen. Then our Pattern Department took one look at that uncommonly good cooking-andfireplace wall, and made plans (on page 50 you'll find three versions of that same wall translated into American Home patterns so you can build one in your home). Obviously, the Building Department had a word or two to say about the excellent construction. And since the décor is beautifully conceived and antique collectors' items abound here, it belonged, quite naturally, in Decorating's bailiwick.

Such kitchens are the specialty of Mr. Walter Uhl, a builder of fine houses on Long Island, and this one is in his own new home. Friendliness was a prerequisite-and so was good modern equipment. You'll note modular cooking units, a stainless steel sink, a dishwasher, and plastic work surfaces-none coyly concealed, but all so well blended with elements designed for warmth and eye appeal that you'd have to go far to find an old country kitchen nearly so charming.

Many of the parts really are ancient: The overhead beams are 150 years old, and most of the bricks are mellowed with age. The rare fireplace grille of iron and brass was made in Scotland, about 1724, and bears the mark of the Carron Iron Works. The ran-dom-width floor boards, installed with butterfly pegs and handmade nails, came from the first house built in Westfield, Mass. Some wood paneling was originally used in the early settlement at Stonebrook, L.I., while the hutch table and chairs are Connecticut antiques. We had a hand in it, too, for the motifs Mr. Uhl painted on the doors in the cooking wall were inspired by some published in American Home a few years ago.


## You Can Buy Blueprints and

Build any one of these 3 Cooking Walls


FOR A REAL LIVING Kitchen
(left) : Top cooking unit goes into niche; built-in oven-broilers are next to it. At the right, a hearth for a wood-burning fire or a Franklin stove-a setting for fun and for dreaming. Our blueprint includes the bracketed shelf for cooking utensils or collector's items. Pattern 2039
The motif painted on cupboard doors under the cooking unit, Painting Pattern 1498

FOR A SHORT WALL (Below) : Top cooking unit in niche; two oven-broilers side by side. Under them, storage. Pattern 2040

FOR A middle-size wall. (Lower left) : Large niche for top cooking unit; small one for portable barbecue; ovenbroilers at left. Iron door conceals wood bin, and under the cooking compartment there's a large storage unit. Pattern 2041

Built-in cooking units have made the greatest kitchen news since the exit of the iceman-but not always are they placed to the greatest advantage. A wall designed to house them expertly was something we had to blueprint for you when we saw one, so here are three versions of Mr. Uhl's wall, built of old brick (page 49). Each holds two oven-broilers, gas or electric, though you could start with just one. They're modern counterparts of old kitchen fireplaces which were, in their day, good cooking walls too.



## See the pretty tables? You eat on them...



## It’s pink, it's pretty-and it's

IIere's a gas kitchen for the gals who love Chippendale, or Victorian antiques, or modern-as-modern Eames chairs, rather than Early Americana. It's both friendly and sophisticated; a working kitchen first, but one which invites you to sit down in comfort. Here's why:
the colors: Pink walls to set off white metal cabinets. Counter tops, laminated plastic, pink and pristine.
new style on the floor: Vinyl flooring, striped for a change, in black, white, and gray.
the plan (page 5r): Several smart innovations. To cut installation costs, sink backs up laundry equipment.
new modular gas burner units are placed by the window where a vent in the soffit carries cooking odors directly outdoors. (We recommend such an arrangement, of course, only if the kitchen is air conditioned, or if
other adequate ventilation lets you keep this window closed while cooking. And you'll notice that fire-proofed shutters, not curtains, are used.)
the dishwasher is at right angles to the sink, a convenient arrangement (see it in use, page 78).
the waist-high built-in gas oven (page 78) is next to the sink which offers a safe surface to hot pans. the movable tables, our own proud design: You see some of their tricks on this page, but their talents are unlimited. They take on new roles in each kitchen. We made sure that the wheels lock, so that these fast movers are stationary when you want them to be. One table can be equipped with a built-in niche for a sewing machine which pops up when you want it, hides when you don't.
a complete laundry is packed into a very tiny


You pull them out,

## put them

 together-

Push them backand when you're

## not eating on them

## You work on them-



You have a phone table, a plan table-

## efficient, too!

space, thanks to new, smaller appliances (plan, page 5 I ; illustration, page 77).
floor-to-ceiling cabinets occupy one whole wall (see plan, page ${ }_{51}$ ).
its Charmers make good sense: Victorian hat rack saves trekking through the house. Old-fashioned corrugated metal ceiling is easy to maintain, fun to look at, and contrasts interestingly with plain metal cabinets. Oldtime propeller fan, in middle of ceiling, moves air about in a way which would be welcome in hot weather even if you had air conditioning (what a hit it made in St. Louis where we first exhibited this kitchen!). Decorative shelves (page 78 ) do a useful job. Ice-cream parlor chairs with foam-rubber cushions are inviting to more than the eye. MORE PICTURES OF THIS KITCHEN ON PAGES 77 AND 78 See "Where Credit is Due" on page 108
arrangement by betty b. Merriam


IIere is a living essay on the virtues of dried plant materials-and the enchantment of fresh, especially now when a few fresh flowers are as sprightly as robins in the snow. As a garnish for a dried arrangement, a very few blooms do the trick, for we used only one single spray of chrysanthemums. But what a chrysanthemum this new Wood Duck is-a deep rose-pink backed with creamy tan. It belongs to a series all named for birds, and flourishes in gardens till late fall. Your florist may have it right now; but if he does not, other fresh flowers strong in form-brown or copper tulips, for instance-could be used in place of the mums.

The best thing about really good_dried materials is that, in addition to being longlasting, they can be used over and over again. Just because its elements have a permanence is no reason why you should look at the same dried arrangement for months! Take, for example, the palm boots from Hawaii, the great scoops which frame and establish the drama shown here. Buying them is a sound investment, for they are strong enough to stand up to repeated reuse in their native state. Retire them for a time, then later on, you can guild them, silver them, or otherwise color them, and voila-something brand new.
You can combine the fresh with the dried if you make sure that the fresh material is in water, and the dried is out. There are two ways to do this. Our method here was to keep the container dry, and to place the stems of the fresh flowers in orchid tubes (or other glass or plastic tube) well filled with water. The other way is to use water in the container, and to protect the dried material by wrapping its stems in adhesive tape or by wiring it to sticks which go into the holder.

Compose "frame" of palm boots (page 95), then bind their stems together like this. Sea-grape leaves, yucca clusters, screw beans are the other dried materials. Just a few mums breathe life into the arrangement

Built on a good foundation: container is attached with clay to burl wood base. Dry arrangement is made in hairpin holder-fresh flowers get their water from orchid tubes


MORE HOW-TO PICTURES ON PAGE 95


1ngling for mighty big fish, these anglers four. Pretty little Betty; tense, determined Steve; Peggy with her taut, calculated line; no, not even wily Knute, for all his smugness and sou'wester outfit, is going to catch this big fellow, for he's done been caught by ye author, and is glaring down at Mr. E. this very moment. But catch-or buy-fish you must, if you would try your hand at the world-famed Bouillabaisse, and a far better brew you'll have using five or six svelter fellows than this great monster. You see, the secret of this delicious Marseillaise soup lies in the unique flavor achieved only by blending many varieties of fish and shellfish. The original recipe calls for 12 different kinds of fish and, unfortunately, the most essential of these is rascasse, a fish unknown on our shores. But that's no reason for denying ourselves of Bouillabaisse! There are almost as many recipes for it as there are fish in the ocean-all claiming to be the "best," naturally. Now it has been a long time since I ate Bouillabaisse in the virile, bustling port of Marseilles. I have tracked down every restaurant, in my city and yours, which lays the faintest claim to fame for this great favorite of mine, wangling recipes that, like most recipes one gets from chefs (and even very good friends!) are never quite honest. But of them all, Monsieur Maurice Moyal's version is most like my memory of it in its home town on the Mediterranean. What better timing than right now for this great please turn the page

## Sher 3 matrac Good Victuals

\author{

- bouillabaisse <br> Marseillaise
}

10 lbs. fish (the more variety the better: this recipe uses flounder, eel, and haddock-three varieties are the absolute minimum. Sea bass, red snapper, Spanish mackerel, pompano, sole, whiting, turbot, grouper-any firm fish in season, may be substituted or combined.)

2 medium lobsters
I lb, shrimp
*3 doz. mussels and/or clams
$1 / 2$ cup olive oil
$1 / 2$ cup shallots, chopped
$1 / 2$ cup green peppers, cut fine
$1 / 2$ cup parsley, chopped 6 garlic cloves, bruised

2 large tomatoes, chopped (include juice)
2 bay leaves
2 sprigs thyme
I tbs. fennel
2 cloves
pinch saffron
${ }^{1}$ pinch orange rind
Salt and pepper
French bread ${ }^{\text {. }}$
or thick toast

Cut eel into pieces about 2 in. thick, and place in $3^{1 / 2}$ qts. salt water. Simmer for 10 min . Add whole flounder and haddock cut in small pieces and continue to simmer for 15 min . longer. Cool. Skin and bone fish carefully, leaving flesh in large pieces. Strain stock and return to kettle with skinned fish. Add cooked cut-up lobster, cooked whole shrimp and well-scrubbed mussels and/or clams.
Pour some olive oil in a saucepan in which cook shallots, garlic, pepper, tomatoes, parsley, thyme, bay leaves, fennel until delicately brown. Pour on remaining olive oil, add cloves and orange rind. Add this to fish and stock. Season highly with salt and pepper. Boil briskly 5 min ., add saffron, complete seasoning to taste
Put inch-thick slices of French bread in deep tureen; pour in Bouillabaisse sprinkle with finely chopped parsley.
${ }^{*}$ My addition to M. Moyal's recipe, but strictly optional. In my opinion, it's no Bouillabaisse without the gleam of blue-black mussels-but without them this is still a fine, authentic version of this world-famous fish soup.

[^2]
## (Begins on page 55)

dish? A time of foul weather, large and hungry throngs expecting hearty fare. You simply can't save the recipe for a select little group of sophisticated friends because you simply can't make a little Bouillabaisse. A good one depends on variety, and while the list of ingredients and the assembling thereof sounds onerous, it is in no way an involved company dish-because, you see, most of the proceedings occur before company arrives, with only the assembly of it a last-minute thing. Because it is more than a "dish"-it's a complete menu; because it's such a distinguished, soul-and-body satisfying thing, I give you merry souls the perfect festive rec-ipe-Bouillabaisse Marseillaise.

GENTLEMEN, YOUR ATTENTION please: If you rate as one of the world's ten best cooks, recognized or otherwise; if you "save yourself" for only the conversation-piece cookery; if you've never cooked at all, and want to get off to rocking fame-wield your shining blade on this one. It's he-man stuff, believe me-in the cooking as well as in the eating of the victuals!



## Food <br> Taught Me

PINEAPPLE STACKS

GINGERBREAD RING

And that pie! Make a good rich pastry of your own, or use a mix-but use orange juice for liquid, then roll out the crust in powdered ginger. Fill with our chicken recipe or any meat pie filling you prefer. Eating humble (meat) pie is a thing of the past, once you've tried this one.
There's a Spoon Bread right out of "Old Virginny" that melts in your mouth. And a ham roll, with goodly slivers of tongue and chicken or turkey stashed into it. Both are easy to make and delicious to overeat. Then there's a ginger-bread-bake it in a ring mold for a change. Fill the center with whipped cream, diced oranges, and marshmallows. Top with some chopped nuts for a glamor-girl of a man's dessert. Lastly, a quick trick for an imposing dessert of date-nut bread with a cheese spread.

# Take a Can of PEAS 



RECIPES ON PAGES 63 AND 64

## AMERICAN HOME QUICKIES

## WIN ON ALL 4'MUSTS' FOR HOMEMADE CAKE!

Dur-New-Recipe Swans Down Cake Mixes win over all other leading mixes in national home-baking tests!


## Brighten up dinner tonight



The whole family will love it!

## American Home Recipes

(Take a Can of Peas, pictured in color on page 60)


It's a wonderful new "switch" on cheese fondue and it tastes marvelous made with

## born-to-be-better corn ${ }^{\sharp /}$


$\widetilde{\sim}$ grown from special seed developed to give you sweeter flavor and extratender kernels in DEL MONTE Corn

We raise our own exclusive strains for Del Monte Brand Corn - to get higher natural sugar content, thinnerskinned kernels and rich country flavor all in one remarkable corn. Taste-test it yourself, in this easy

CORN AND CHEESE bake

| 8 thin slices toasted | 3 eggs |
| :--- | :--- |
| day-old bread | 1 cup milk |
| 8 silces bologna or | 1 tablesp. chopped |
| pressed ham (about $1 / 2 \mathrm{lb})$. | onion |
| 5 slices cheese | 1 teaspoon salt |
| 1No. 303 can DEL MONTE Brand <br> Goiden Cream Style Corn | 1 teaspoen dry |
| mustard |  |

Lay 4 slices bread in a greased $8 \times 8 \times 2{ }^{\prime \prime}$ bak. ing dish. On each, place a slice of meat, cheese and bread. Spread corn on top. Beat eggs slightly; add milk, onions, salt, mustard. Pour over corn; let stand in refrigerator 30 min . Bake in slow oven ( $325^{\circ} \mathrm{F}$.) 50 to 60 min . Place strips cut from remaining cheese slice on the other 4 meat slices; fasten each with a toothpick as shown. Return to oven 5 min . Garnish with parsley and olives, if desired. Serves 4.

Enjoy all 3 styles: GOLDEN WHOLE KERNEL GOLDEN CREAM STYLE - WHITE CREAM STYLE

## your sweetest buy in corn

## GOLDEN CORN

Brilliant New Fruit Cookkail Dessert

## Princess FruitMallow


fresh-tasting - creamy
2 cups canned fruit cocktail, drained
$1 / 3$ cup syrup from fruit cocktail
16 marshmallows ( 14 -ounce package Campfire Marshmallows) $1 / 8$ teaspoon salt
$1 / 2$ teaspoon grated lemon rind $11 / 2$ tablespoons lemon juice $1 / 2$ cup whipping cream

Quarter marshmallows and heat slowly in syrup until melted. Remove from heat. Stir in salt, lemon rind and juice. Chill until slightly thickened. Fold in whipped cream. Chill until very thick. Arrange creamy mixture and fruit cocktail
in layers in parfait glasses or swirl together in dessert dishes. Serve at once or chill. Serves 5 or 6 .

When you're in the mood for a summery salad, or dinner needs a bright beginner, or the youngsters call for snacks-it's time for you to spoon out wonderful canned fruit cocktail from California. Cling peaches, pineapple, pears, grapes, cherries-five glorious, fresh-tasting fruits, neatly cut, close-packed in each can so you get lots for your money. Buy thrifty fruit cocktail next time you shop.

Cling Pench Advisory Buare


## American Home Recipes

(Take a Can of Peas, pictured in color on page 60)


## Good Cues

To fry potatoes deliciously golden brown, sprinkle with a little flour before you pop 'em into the skillet. If desired, add a bit of onion


Trim crisp edges. Turn jelly roll out on sugar-sprinkled towel. Roil from narrow side, lifting towel with one hand, guiding roll with other. Let stand until cool. Unroll, spread with jelly, and then reroll

Make your own "pan" for a jelly roll: Cover baking sheet with heavy foil. Fold foil up one inch all around for sides. Press corners tightly. Grease, pour batter-bake


## New, Revolving Shelves put all foods at your fingertips!

A simple twist of the wrist, and the back area of the Revolving Shelves is right in front. Furthermore, the inside refrigerator walls are rounded to recommodate extra-large shelves.

$\mathbf{Y}$Oou see what you want. You pick up what you want without overturning other foods. No more hard-to-reach corners vhere leftovers are forgotten.
You can widen-or narrow-the spacing between these turdy shelves to accommodate bottles, jars, bowls and pies vithout removing the food and without lifting the shelves.
Model illustrated holds more than 12 cubic feet of fresh nd frozen foods! G-E models priced as low as $\$ 219.95$.
See them at your G-E dealer's. Look for his about ame and address in the classified telephone di- $\$ \mathbf{9 0}^{*}$
cetory. General Electric Company, Louisville 2, entucky.

WEEKLY
4 fier small down payment. See your dealer for exact terms. Price of model LH-121L istrated) is $\$ 549.95$. Prices and specifications subject to change without notice.

There's more shelf room in the new G-E with Revolving "Turn-Out" Shelves than in the previous corresponding General Electric model with conventional shelves.

These new shelves are silent and sturdy. And, it is the easiest-to-keep-clean refrigerator you ever saw. Remember: Only G.E. has the new, convenient "Turn-Out" Shelves.

Two separate and complete appliances in one cabinet!


The true, zero-degree freezer is built just like a floor-type freezer. Has its own separate refrigerating system; its own separate door. Keeps up to 89 pachages of frozen foods as long as a year.


Automatic defrosting refrigerator section is completely automatic. No clocks to set, no buttons to push, no pans to empty. Humidity is controlled so that foods remain moist-cold and fresh.

Many other wonderful convenient features: Fold-away bottle racks • ice cream rack and juice can dispenser - adjustable door shelves • new Mini-Cube ice tray - Automatic Butter Conditioner - Roto-Cold refrigeration. G-E Refrigerators are available with either right- or left-hand doors.

So dependable. More than 3,500,000 G-E Refrigerators in use 10 years or longer!

## Republic Steel Kitchens!

This is a different message about kitchens. The kitchen pictured is different from other kitchens. Look beyond its simple, modern beauty, the well-designed plan for easing kitchen tasks, and you'll find something more.


## Most for your Money!

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Only Republic can give you most for your money because only Republic can guard the quality of its product from raw ore right to your dealer's store.
Republic Steel Kitchens are designed and built by one of the world's greatest steel companies. A pioneer in steel kitchen manufacture. Producers of the kitchen line in which the "extras" are standard!
Don't take our word for it! Compare feature for feature and you'll see, and agree, that you get most for your money when you get Republic Steel Kitchens.

## Heres Proof!

## Visit your Republic Steel Kitchens dealer. The complefe Showdown Comparison chart

 and a long satisfying look at Republic Steel Kitchens will convince you.| FEATURES | Republic <br> Kitchens | $\begin{array}{\|l\|} \text { Factory Made } \\ \text { Wiood } \\ \text { Kitchen } \end{array}$ | Steel Kitchen KA" | $\begin{gathered} \text { Steel } \\ \text { Kitchen } \\ \text { "B" } \end{gathered}$ | $\begin{gathered} \text { Steel } \\ \text { Kitchen } \\ \text { "C" } \\ \text { " } \end{gathered}$ | $\begin{gathered} \text { Stecl } \\ \text { Kitchen } \\ \text { "D" } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TWO-HEICHT KITCHENS - Installed at the right height for your "comfort reach." | YES | NO | No | NO | No | NO |
| NYLON GLDES - Offer smooth, quiet drawer operation; no binding. | YES | NO | No | YES | No | NO |
| MULLION STRIPS-Between counters and drawers add strength, stop binding. | YES | NO | NO | NO | YES | NO |
| FULL-COVED DRAWER BOTTOMS-Easy to clean; no unsanitary crevices. | YES | NO | NO | YES | NO | NO |
| EASY ACCESS, PULL-OUT CUTTING BOARD Designed to fit standard cabinet. | YE.S |  | NO |  |  |  |

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Iitchenwares are out of the old green and red color rut, and now ride high on the multicolored bandwagon. See them at your rightutilitarian housekeeping tools with the new color treatment: top shelf: Bread box (\$8) and canister set (\$ro); hand-painted designs. second shelf: Paper towels now come in many colors.

Stylish can opener has suction cup for use on counter tops. . . . Baking dishes and tableware, all attractive, all ovenproof. Tableware is $\$ 8.95$ for 16 piece set; baking dishes all moderately priced. . . . Plastic place mat with button design. third shelf: White is bright in color-wrapped coffee "Hottles," iron holders on casseroles. Small casseroles stack. . . . Radio has outlet for coffee pot, toaster. . . . Pol-ka-dot shelf paper has adhesive back. Highland flavor in plaid dish towels. Fourth shelf: Line-up here includes flexible plastic mixing bowl with handle. . . . Ball-bearing rolling pin. . . . Enameled chicken fryer. Wrought-iron rooster, for decoration only. . . . Plastic measuring cup and canister. . . . Poodles have the last word on pot holders! fifth shelf: Red enameled ironware skillet set.
Trick poultry shears open jars, bottles. . . . Durable sponges for 100 household chores. . . . Drain tray holds drainer full of melemine plastic dinnerware. Left of shelves: Electric clock is stylish timekeeper, $\$ 6.95$. Washable and fadeproof modern wallpaper, a cure for pallid kitchens. Chair in black tubular steel, vinyl upholstered. . . . Sweeper, a well-dressed, bright operator, воттом: A not-soplain dustpan, sink liner below-both in coral garb. Rubber mat protects appliance tops. Above mat, plastic mixer for your choice of beverages. right of shelves: This wallpaper a delightful deception, has make-believe shelves. Copper lids for these cooking utensils, transparent hangers. . . . Skilletshaped copper thermometer. . . . Coralhandled kitchen set with rack, $\$ 3.29$. please turn to page 68


## Bright News for Kitchens

For your strainer, Madam, how about a new shade of coral,

or a cool, cool chartreuse? Strange talk? Not one bit!



## So much beauty and a laundry, $\mathbf{f o o !}$

If you stop to think about it, your bathroom is the most logical place to put a laundry. You're only a few feet away from the heaviest part of your wash-the clothes and bed linen-and you don't have to carry them up and down stairs or out to the kitchen.

Even when your bathroom doubles as a laundry, you can make it as luxurious as you wish by planning your decoration around a floor of Armstrong's Rubber Tile. This floor is the natural starting point for a distinctive-looking bathroom. Any of the countless combinations you can make from the 23 harmonizing colorings in Armstrong's Rubber Tile can be the inspiration for an outstanding color scheme. It's easy to get unusual design effects with Armstrong's Rubber Tile, too, because it's put down one block at a time. Since a family bathroom gets lots of traffic, Armstrong's Rubber Tile is also a wise flooring choice for its exceptional durability and lasting beauty.

The extra-smooth, glossy surface of this floor lets you skip through cleaning in seconds-and its unusual resilience makes it a comfort to walk on. Ask your Armstrong dealer to suggest designs and show you samples of this "Aristocrat of Floors."
(A)

FREE BOOKLET. Send for full-color booklet showing the complete range of colors in Armstrong's Rubber Tile. The floor in the bathroom above is Dubonnet No. 626 and White Black No. 653. For free booklet, mail your name and address today to Armstrong Cork Company, Floor Division, 5402 Plum Street, Lancaster, Pennsylvania.


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American Home Recipes (Pietured in color on paze ss)



## "We don't have to do anything with it... <br> it washes and dries our clothes all by itself"

## The Bendix Duomatic

is the only washer in the world that turns into a dryer ... automatically! Clothes go in dirty, come out clean and completely dry. Nobody has to do anything on washday-except the Duomatic!
"Not having to watch it is the real thrill. I have time for other things."
 Mrs. H. W. Fulcher, Winston Salem, North Carolina

Stay home and bake a cake or go out and have fun while the Duomatic does your laundry. No wet wash to struggle with. No running back and forth. Set the dials just once and the Duomatic takes over . . . washes, rinses and completely dries your clothes. All in one continuous operation! What's more, you can use the Duomatic as a washer only . . . or a dryer only . . . whenever you like. This remarkable machine is completely flexible.



#### Abstract

"The way it keeps washwater hot is marvelous. Gets the clothes so much cleaner."

Mrs. Rose Hofsetz, Denver, Colorado


What Mrs. Hofsetz means, of course, is the Bendix Magic Heater that gets washwater extra hot and keeps it hot while the clothes are washing. Dirt can't hold out against the combination of fresh, hot suds and Bendix hi-lift, deep-surge Tumble Action. And your clean, clean clothes are fluff dried at safe low temperatures. All in one machine!

## WASHER-DRYER ALL-IN-ONE



BENDIX HOME APPLIANCES - AVCO Manufacturing Corp., Cincinnati 25, Ohio

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He will be delighted to explain and demonstrate this fabulous machine that washes and dries all by itself. Meanwhile, send for your free copy of "The Duomatic Story," a fascinating booklet that gives you the facts in quick-reading, question-and-answer form.


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TILE TIPS


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DISHWASHER BRUSH, with its enclosed detergent, can also be used to clean imbedded dirt out of tile joints


ELECTRIC SCRUBBING ATTACHMENT on your floor waxer simplifies cleanup detail for tile floors-eliminates bending and scouring

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Does the water switch from hot to cool right in the middle of your shower? If so, it's time for a new Frigidaire Water Heater. Fast recovery of Radiantube Heating Units and heat-saving insulation mean plenty of hot water for all for just pennies a day. Automatic. No fuel, no flues, no soot, no dirt, no hazards . . . it's electric! Upright or porcelain finished table-top models, 30 to 80 -gal. sizes. (Magnesium rod models for corrosive water areas.)

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## ADDRESS

CITY.
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y lumber dealer is.
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## Best

## HAMBURGER

## I ever ate!

Pan-broiled it myself . in SALT (sprinkled to cover bottom of pan ) instead of fat. Mixed the meat with chopped onion, a little water and some Lea \& Perrins Worcestershire. Good? Bro-ther!


## COOKING ODORS



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New 6 oz, size 98 éc Large size $\$ 1.89$ 7 REPRSSH BRIDGEPORT BRASS COMPANY -Trnde-mari "Good-AIRE is Good Etiquette!"

## "I Want to Cook

## SHIRILEY MOORE

1our husband is bringing home two short-notice guests. You are whirling around the kitchen trying to scramble all the bits and pieces of preparation into a "company" dinner. Susie wanders in and leans against the counter
"I want to help!" she announces.
"Oh, wonderful!" you breathe. "Polish the silver salts and peppers and fill them. Scrub the celery and scrape the carrots. I'll make the celery and carrot curls in a minute."
"No, I want to cook!" states your daughter, firmly.
"Not now of all times! Now get the brush and start on that celery!"
If Susie helps at all, it's with maddening slowness and pouts. It ends up with your snatching the brush from her limp hand with: "Oh, I'd rather do it myself! Just get out of the kitchen and stay out of my way."
Has this ever happened in your house? In a calmer moment, I realized that it seemed to my daughter that I always did what she calls the "fun things" in the kitchen.
We solved our problem by making cooking the chief activity of our Bluebird group. The enthusiasm of the girls and their mothers makes me think that this would be a rewarding project for any small group of preteen girls.
The first thing we did was to buy each girl a bright plastic recipe box and the index dividers to go in it. Each week I prepared a simple recipe, and the girls copied it for their own files. We agreed that they were to file only recipes they had actually made at the meetings or at home under their mothers' supervision.
We really enjoyed the cooking, and the girls showed surprising ability as amateur chefs. Now when the Susies offer to help their distracted mothers, they are really capable with the "fun things"-and they are also more willing with the dull ones.

You will have many favorite recipes which you'll want to teach your girls, so I'll suggest just a few we used: biscuits, muffins, cupcakes, up-side-down cake, waffles, tarts, etc. easily made from prepared mixes.

Baked stuffed potatoes were very popular and often repeated at home. To save time, I baked potatoes beforehand. The girls scooped the potato from its skin, put it through the ricer, and whipped it with hot milk, butter, a pinch of thyme, marjoram, and parsley, and a little onion salt, in addition to the usual salt and pepper. Piled back in the shells, topped with grated cheese and paprika, and reheated, they made good eating.

PLEASE TURN TO PAGE 76

 four sides of sash. Stock-size Pella units are completely factory-assembled. They can be combined into hundreds of exciting window arrangements. Send for FREE FOLDER.

## MAIL COUPON TODAY!

ROLSCREEN COMPANY, Dept. FII, Pella, lowa Gentlemen: Please send FREE FOLDER on Window Ideas and information on Pella Windows with Rolscreensand Dual Glazing.

CASEMENT WINDOWS

# "I Want to Cook" 

(Begins on page 75)

Preparing baked apples; applesauce; simple and attractive salads; quick pudding mixes with fancy toppings of whipped cream, nut meats, or cherries; vegetable sauces; hot and cold beverages-all are easily learned.

I've never known a child of either sex who didn't think cookie making was a prime treat. Of course they are especially fond of the roll-out-and-cut type, but truthfully a cookle press is less messy and time-consuming for beginners. Drop cookies and bars such as butterscotch, date, and brownies are rather painless additlons to their repertoire.

If you are wondering how your over-strained food budget can manage all these extra supplies, I believe you'll find that there isn't any problem. The mothers of your group will be so pleased with the whole idea that they'll gladly make donations.

A project like this doesn't require the patience of Job. It isn't even as untidy a mess as you might think. Interested, busy youngsters seem to need singularly little "discipline." And the clean-up job should be made a natural part of the cooking right from the beginning.

Good cooking and good eating to you and your Assistant Chefs and their surprised and grateful mothers!

## BOOKLET CHECK LIST

$\square$ FEBRUARY'S A PARTY MONTH \#187
Party favors, centerpieces, games for Lincoln and Washington's birthdays, Valentine's Day, Shrove Tuesday,
$\square$ SHOWER THE BRIDE \#40 Instructions for invitotions, fovors, decorations, menus, recipes, games.
$\square$ SWEET 16 SWIRLS \#176 Place cords-amusing teen-age heads.
$\square$ ALICE IN WONDERLAND PLAYLET \#174 Includes instructions for making fanciful crepe-paper costumes
$\square$ CARE OF CURTAINS \#177 Fully illustrated. How to care for cotton lace or net, rayon, nylon, ruffles, permanent dots.
$\square$ FUN OUTDOORS \#41 Ideas for outdoor picnics and games, including steak roast, barbecue, treasure hunt, races, reloys
$\square$ DREAM HOME SCRAPBOOK For collecting building dota.
$\square 210$ AMERICAN HOME INTERIORS
$\square 251$ AMERICAN HOME INTERIORS
$\square 192$ AMERICAN HOME HOW-TO-DO-IT'S
$\square$ AMERICAN HOME PATTERN BOOK

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SPLASH STOPPER! No more splattered clothes, walls and floor. Each bubble is a tiny cushion which softens impact of stream, prevents splash.

ON ALL LEADING MAKES OF FAUCETS
Ask your plumber SPRING-FLO ${ }^{\circ}$ AERATOR


CHASE BRASS a COPPER CO

## Kitchen We Designned

(Begins on page 51)

"Bar-room" doors are both attractive and safe, for you can see if anyone is coming in the opposite direction. Until recently, they were strictly custom, but you now can buy them even by mail order! We recommend them highly for well-ventilated modern kitchens

At the end of the laundry area, a utility closet which houses the gas water heater and is really large enough to hold ironing board, vacuum cleaner and such without conflict. Louvered doors, smart throughout this kitchen, are especially good for a closet of this type



New 24-in.-wide washers and dryers make it possible to have a modern laundry in postage-stamp space (they are even feasible in apartments these days). To save installation costs, laundry equipment is backed up to sink. Opening to kitchen is a peephole as well as a pass-through, for you can keep your eye on the pressure cooker while you work here MORE ON PAGE 78

## New Comb \& Brush Nozzle

 of the unique ability of the new comb and brush nozzle to remove stubborn litter and dirt. And full suction goes clear across the nozzle. No need to overlap.

## cleans


than the average of 9 other prominent tank and canister cleaners tested. Hoover has equal suction on both forward and back strokes. No need to scrub at the rug.
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anywhere easier
Long, light wand reaches up, out and everywhere. Lightweight Veriflex hose never kinks. No bag to empty-hands never touch dirt. See the new Hoover Aero-Dyne cleaner at your dealer's now.

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If you're planning a home, by all means read "Capture the Sun with B \& G Hydro-Flo Heating." It will give you a clear understanding of how to properly heat a house of modern design.
B \& G Hydro-Flo Heating blankets all your home with radiant, sun-like warmth ...prevents icy down-drafts from the windows...keeps floors delightfully warm. Automatically the heat supply is modulated to meet every change in the weather, so that indoor temperature is uniformly comfortable. Hydro-Flo Heating is exceptionally economical-no wasteful overheating.
And finally, B \& G Hydro-Flo Heating provides an ever-ready, year 'round supply of low-cost hot water for kitchen, laundry and bath. So don't decide on your heating system until you've read this booklet.

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> Address.
$\qquad$

## Kitchen We Designned

## (Begins on page 51)

This new gas built-in oven is waist-high, and a joy. We placed it next to the sink and close to the mixing area. The cabinets above it are ample enough to store all those large tureens or turkeytoting platters used occasionally. The cupboards below can also be used for roasters and such other big utensils as the broiler pan


No matter how well equipped it is, no kitchen is really up to date unless it can feed the soul as well as the body. Something pretty, just for the sake of its good looks is in order-pictures, plants, whatever pleases you These display shelves at the end of the sink-laundry peninsula give a great deal for their few inches of floorspace. Painted pink like the walls, they treat the eyes and then some. It's handy to display your best bowls and pitchers in a spot so easy to reach, and that magazine rack will be blessed time and again by the whole family.


A woman-saving plan is one which lets you sit down whenever possible. Placing the dishwasher at right angles to the sink is a new and sensible idea which makes rinsing and stacking easier than ever-no standing, little bending

Best-looking house on the street


## ...yet we saved 25\%

## when we chose

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- We got full 2-foot width.
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Ask your building materials dealer about Masonite Siding and the many other Presdwood ${ }^{\circ}$ Products for the home.

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Tools and toys are safe and handy. Garage stays neatwe have more room.


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## Hi-Fi Pointers <br> (Begins on page 44)

the sound reproduced truly covers in a "flat" or "unpeaked" response the complete audible range of fre quencies from 30 cycles per second up to beyond 14.000 . A more precise definition of the term is neededbut the most important meaning to you is furnished by your own ears.
Ears differ as to audio capacity. Yours may hear up to 18,000 cycles per second, or they may hear nothing above 10,000 . At the bass end, most people hear down to 30 cycles-below that we "feel" rather than hear

The lure of high fidelity really relates to how many of the cycles per second produced by an artist in a studio can be brought to your ear, in your living room. Speakers, tape recorders, pickups, and the actual record you may be listening to, all cut the coverage. Nobody ever gets 100\% reproduction-it's coming close to that $100 \%$ that gives you the thrill.

Keep in mind that high fidelity means a "flat" or "as it leaves the performer" response. Any peak in the response curve means that one area in the full range is being overemphasized. Turning the tone control to make the bass boom, for instance, is the opposite of high fidelity.
If a radio or TV program you're tuned in to originates in another city, you're probably hearing a range of only 30 to 5,000 cycles per second because the sound was cut as it went out over the telephone cable. But if the program originates in your city, you may get as high as 8,000 to ${ }^{15} 5,000 \mathrm{cps}$. FM stations often deliver 15,000 cycles on local shows, if the station has a good loop and if the program is "live" in your city, or if a good high fidelity record is being broadcast. Most AM stations cut off at $8,000 \mathrm{cps}$ on local work and at 5,000 on anything originating outside.
On your own phonograph, popular records usually handle up to 8,000 cps; better records go up to 20,000 .
if you assemble your own hi-fi Assembling a system geared to your own ears and to the room in which you'll be listening, is one of the most rewarding and absorbing of modern hobbies. You can achieve satisfactory results with component parts costing just a few hundred dollars, or you can invest literally thousands. You can choose between "matched" components offered by a single manufacturer (a recent innovation in assembling your own), or you can select among hundreds of components in audio specialty shops - even order by mail, if you have the courage to buy sound unheard. Most people want both radio and phonograph. Tape recorders are also greatly in demand, and a good one (one which records at $71 / 2$ or 15 in . per second) reproduces music with


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Booths. A selected dealer near you cat show you a variety of patterns, with 5 -piece settings as low as $\$ 4.65$. May we send you his name? If you wish illustrated Brochure
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## EVIS Water Conditioner

(not a softener!)
Most EVIS users say the "water's fine" at their house-because EVIS changes water for GOOD!
Mom finds that EVIS-conditioned water is kinder to her hands-and a lot less trouble on washday. Tastes better and makes better coffee, too.
Dad likes the way EVIS protects the plumbing from mineral deposits-saving him dollars on water-heating fuel and costly repairs. No doubt about it, EVIS is a worthwhile addition to any


EVIS MFG. CO. 39 Boardman PI. San Francisco at leading plumbers, appliance stores

## Hi-Fi Pointers

less distortion than any other method. Here is a list of the basic components of a hi-fi system. Read all the manuals for technical details. And, above all, shop well-with your ears! If possible, take a familiar record with you to make easy comparison between units.

Tuner (hi-fi term for "radio"): You can have AM, FM, or AM-FM depending upon the stations you can receive in your area.

Record Player: Here you have your choice of two types. (1) Automatic record changers which will operate at all three speeds (old 78 rpm and the longer-playing 45 and $331 / 3$ $\mathrm{rpm})$. Check this for possible unevenness of speed which can produce wavering pitch. (2) Less convenience, but, according to the specialists, more perfect sound reproduction can be yours with a heavy turntable driven by a powerful motor and operated in conjunction with a manually operated tone arm.

Amplifier: This controls the volume and tone. It takes the electrical impulses from your tuner or tone arm and amplifies and delivers them to the loudspeaker. Basic high fidelity amplifiers have three parts: pre-amplifier, power amplifier, and power supply-plus many optional refinements. For home use, a minimum of 10 watts is desirable.

Loudspeakers: This converts the amplified electrical energy into sound energy, and delivers the music to you. Within the speaker system, one kind of horn (a woofer) reproduces the low frequencies; another kind (a tweeter) the highs. There are coaxial systems wherein the tweeter is fitted into the woofer; and there are multiple-channel systems wherein the tweeter and the woofer are separate. There's no limit to how many you can have, though three is a currently approved number.

Pickup Cartridge: The gismo that gets the music out of the record. Magnetic pickup cartridges (variable reluctance types) are most popular.

Stylus (it used to be called the "needle"): This fits into the cartridge and makes contact with the record's grooves. A fine-groove stylus plays $33^{1 / 3}$ and 45 rpm records; a largegroove stylus plays the 78 rpm . (Universal types for all three speeds are usually less -satisfactory.) Long lasting diamond styluses are preferable to the less expensive sapphires.
tips on assembling hi-fi
No system is stronger than its weakest link. Let's say you are listening to a true high fidelity record on a true high fidelity system. If you have an amplifier capable of reproducing the full 12,000 to 15,000 cpm , and a speaker which is limited PLEASE TURN TO PAGE 82

Front Nassau CUPBOARD


## in Cherry Valley furniture

Fort Nassau on the Hudson River was built by the Dutch in 1615. Later as Albany, N. Y., it became the base from which pioneers pushed westward along Cherry Valley . . . today's home of Stickley cherry furniture.

Dutch patroons and yeomen left their imprint on the land . . . in freedoms granted by Peter Minuit, and in the sturdy, practical and beautiful furniture built for Rennsselaerwyck farmhouses. Stickley's Fort Nassau Cupboard is a representative piece. Its simplicity, fine proportion, thoroughgoing workmanship and hand-executed details are likewise typical of all Stickley furniture.

Timeless in charm and appeal, the Fort Nassau is suited for contemporary or traditional surroundings . . . as cupboard, sideboard or cocktail bar. The Stickley rocker shown makes an ideal companion piece for a period setting.

See these and other Stickley pieces at leading furniture stores and departments. Cupboard No. 4051 $-H 52^{\prime \prime}, W 303 / 4^{\prime \prime}, D ~ 1334^{\prime \prime}$. Rocker No. 5075R-
$H 38^{\prime \prime}, W 30^{\prime \prime}, D ~$
$33^{\prime \prime}$ overall.

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## GENERAL (8) ELECTRIC



Made by makers of famous PELLA CASEMENT WINDOWS and PELLA WOOD FOLDING DOORS

## Hi-Fi Pointers

(Begins on page 44)
to 8,000 , the sonic refinements of the record or broadcast and of your own amplifier are lost.

It pays to have more power than you use. Power is measured in wattage. If your equipment is capable of delivering, say, 40 watts though you'll never use more than about 10 in your home, you're in a position of a man driving a high-powered car at moderate speed-you'll have a smoother ride than you would in a low-powered car at the same speed.

Experiment with the location of the various components before making a permanent installation. Don't build cabinets or housings until you're sure that each component is in the best possible place. A few hours of such experimentation will save countless headaches. Place each unit in the location you've chosen; then hook up the system and listen. Try each unit, at full power, and listen for hums which might result from poor location or faulty wiring.

Keep units that require handling within easy reach. This applies to the turntable or record changer, to all controls that are part of the amplification system, and to the instrument panel of your tape recorder. On sensitive electronic equipment, settings are critical.

If possible, place units side by side at a level easy to reach. Make sure every part of the system can be reached for repairs or replacements.
Put speakers in corners if possible. If you have a multiple system, it is generally considered best to place the low-frequency unit under highfrequency speaker or speakers. Make sure that your speaker housing is large enough.

See to it that the system is well ventilated. Amplifiers and tuners both generate a good deal of heat, and their performance is affected adversely by overheating.

Keep the changer or turntable absolutely level. Follow manufacturers' instructions for installation.

Ways to avoid hum: If a tuner is mounted side by side with a changer, put the tuner on the left. This locates the pickup as far as possible from the power transformer of the tuner. Certain pickup cartridges, especially the magnetic type, pick up hum if they are too close to the power transformer. Electric clocks can also produce considerable hum if they are too close to the pickup cartridge. Always remember that moving a unit a few inches one way or the other can be enough to eliminate hum entirely

You needn't end up with an eyesore even if you refuse to have your audio system play second fiddle to your décor. If the best location of units for sound isn't where you had hoped it would be, there's still no reason why the final installation can't be a well-designed, decorative asset to your room.


## "I never knew it was so easy!"

So says many a homekeeper who finds that Sani-Flush, working chemically, will keep the toilet bowl sparkling clean and sanitary without messy scrubbing.
Sani-Flush also disinfects, and removes the invisible film that collects in every toilet bowl. Simple directions on the familiar yellow can. At all grocers. The Hygienic Products Company,
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## How to Buy TV

are the same. So the tube and the cabinet become the governing cost factors. Introductory prices of each new size are high, but quantity production and inter-industry competition soon bring them down to the range of smaller tube sets.

USED SETS: There's little demand for them with saturations running $90 \%$ and better. Why not use your old set as an auxiliary set?

## TV CHECK LIST

Sets by different manufacturers will vary from each other-and these variations are worth investigating. This buying guide and our check list are designed to provide you with some basic data; to prompt you to question salesmen on specific points: to assist you in buying more intelligently.
number of tubes in chassis: TV sets are built with as few as 17. as many as 35 tubes. As with radio sets, usually the greater the number of tubes, the better the performance (trouble-free, bright, sharp picture). With more tubes, circuits may be designed for optimum performance without the need for compromises; service problems should be fewer.

How many stages of l.f. (intermediate frequency)? The standard set contains 3 stages of I.F. The deluxe chassis has 4 in the VHF type, 5 in UHF/VHF. An extra stage means added definition, clarity, and sparkle for your picture.
speakers: The quality of sound is more important than the number or size of speakers. Placement of the speaker is important-sound should appear to come directly at you.
face plate and protective screen: Picture tube should have nonreflective or tinted face plate; the protective screen should be nonshatterable (glass or plexiglas). If screen is removable, it and face plate can be cleaned to give you better picture. Be sure set is turned off, then use a damp cloth-no soap, no chem-icals-don't dry.

UHF CONVERSION: If you buy a VHF set ( 12 channels only) ask what provision exists for adding of UHF ( 70 more channels) later. Can the added UHF tuner go inside? Will one knob get you both UHF/VHF?
built-in antennae: Some models come equipped with built-in antennae for both UHF/VHF reception, making outside antennae unnecessary in many localities. Check your dealer on your particular requirements.

Cabinet construction: Look from back. Check for screw and glue construction. Check frame for heavy side panel construction as opposed to "frame and skin." Better cabinets are made with hardwood core and laminated veneers, just like good living-room furniture.


## here's the

WOMAN-DESIGNED KITCHEN you asked for:


Somebody listened when you-the women of Americanamed the 53 kitchen features you want most. Somebody heard you when you asked for beautiful natural birch wood cabinets-that could easily be painted if you preferred. The result: a woman's revolution in kitchen convenience and charm-Curtis woman-designed kitchens! Today, whether you are building or remodeling, Curtis kitchen cabinets fit your size and space-your ideas of arrangement. You'll have a host of wonderful new fea-tures-pass-through cabinets, swing-out shelves, pull-out trays, slide-out bins-revolving storage units-distinctive new hardware and many others. Let us tell you all about Curtis kitchens-mail the coupon now for our colorful 24 -page kitchen booklet.

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THUS speaks Mrs. Erna Snyder, Kutztown, Pa. housewife and mother of two boys, elected "Mrs. America of 1954 " for her homemaking ability. "John Wood Automatic Gas Water Heaters cost less to buy, to install and operate. Nothing else in the home serves so many, costs so little," says Mrs. Snyder enthusiastically.

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Fully guaranteed by the John Wood Company, Conshohocken, Pa. and Chicago, Ill., one of the country's oldest water heater manufacturers.

See "Where Credit Is Due" on page 108

These hand towels sit pretty on an espaliered metal tree. The racks themselves are metal rods to which wire leaves have been soldered. Especially effective, this, if the metal is painted to contrast with the wall-in this case, the walls are pink and the metal a dark gray. Here the motif is repeated in metal on a cornice of translucent glass

MAIRGAIEET MI. HAREEIE


## DRESS UP YOUR

BATHR00M
WITH TOWELS



Display rack for your biggest and brightest towels is made of bamboo poles (above). A good answer to problems of a one-bathroom household, with enough space to inspire even Junior to fold his up and pr it back in place. Can be left neutral, or painted the same color as the wall

Here's an attractive substitute for cupboard space-shipshape storage shelves hung on
thick, white cotton ropes, at left. Twin mirrors over double sinks have painted poodle mot to match the pattern on the black-and-white bath towels

Ideas by Cannon Mills

## Thrilling News for Every Woman Who Owns an <br> Fletric Diswusther



You've never really enjoyed the full luxury of automatic dishwashing until you've tried Finish, the new miracle detergent that ends water spotting. Once you see how Finish makes glasses sparkle, dishes gleam and silverware glisten, you'll never again use any other detergent in your dishwasher. Finish is truly so much better.

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Get Finish at your grocery, department or appliance store. If your store does not yet have Finish, write to: Economics Laboratory, Inc., St. Paul 1, Minn.

## finish

the last word in SPOTLESS electric dishwashing


The antique French clock case from which this was copied was metalbut this wood reproduction will do you proud over a chest or as the center of interest in a wall grouping.


Cut outside octagonal frame (upper left) of $3 / 4^{\prime \prime} \times 2^{\prime \prime}$ pine. Glue and nail. Cut face frame (bottom right) of $2^{\prime \prime}$ base molding and $3 / 4^{\prime \prime}$ cove molding. (You'll need a miter box.) Face board (lower left) is solid piece of $1 / 4^{\prime \prime}$ plywood. Cut center hole in face board a bit smaller than face of clock. With glue and small finishing nails, assemble outside frame and face frame to face board: first attach outer frame; then the $2^{\prime \prime}$ molding; last, $3 / 4^{\prime \prime}$ molding

"Stem" is two inches of $1 / 4$ " dowel, with half a wood drawer pull glued to its top. Drill holes for dowel in top of frame. Drill hole for loop (made of wire coat hanger). Enamel the assembled case, band with gold paint, and trim with fancy upholstery tacks. Fasten clock to back of case with small angle irons


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getting the best . . . make it a point to look for the "Made of Styron" label on wall tile and bathroom accessories. The label tells you these products meet the rigid standards of Dow's Evaluation Committee for top quality in plastics . . . only the best can wear the Styron label. the dow chemical company, Midland, Michigan, Plastics Sales, PL 420L.


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Their smooth surface and even texture make easy work of such rewarding jobs as this attractive kitchen. Cabinets, cupboards and paneling reflect the friendly glow of the Western Pine woods-add their charm and convenience to your design for living!

In any building or remodeling project-whether you do it yourself or have it done-the woods of the Western Pines cost amazingly little. Your local lumber dealer will be glad to give you an estimate.

## 


free ideas ${ }^{68 \text { p phote }}$ graphs, many in full color, show you building, remodeling and decorating projects featuring the woods of the Western Pines. Send today for the Free booklet, "Enchanting Homes of Western Pines," to Western Pine Association, Dept. 302-F, Yeon Bldg., Portland 4, Oregon.


Handsome accouterments make fire gazing all the more enjoyable, and the choice of excellent things in all styles on the market is bound to include something for your own taste and purse. To give you an idea: 1. Elegant Empire design for the formal hearth-these handsome andirons in polished brass would be the focal point of a fine fireplace and the pride of their owners. $\$ 225$ pair. 2. Graceful and impressive wood holder, Georgian style, in black and brass. $\$ 75.3$. There isn't a hearthside these wouldn't enhance. Black iron stand and three tools with polished aluminum or brass handles. $\$ 75$ set. 4. Classic urnshaped fire grate in black iron. $\$ 250$. 5. Trim black wrought-iron tool set, birch-handled, well-priced. \$25. 6. Traditional fender is solid brass with punched tulip design. In lengths from $36^{\prime \prime}$ to $60^{\prime \prime}$. The $36^{\prime \prime}$

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 bed, $\$ 305$. Night table priced separately at $\$ 58$.*
Dining room starter set gives you a bowfront buffet, matching breakfront, oval extension table, two heart-back arm chairs and two side chairs to match. $\$ 723$ for seven pieces. ${ }^{*}$


## A high note in low-cost luxury

## the new Carrara Glass "Decorator Bathroom"



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Now, at an amazingly low cost, you can have that "luxury look" in your bathroom. That's made possible by the new Carrara "decorator bathroom" . . . because it gives you all the sparkle and beauty of quality Carrara Glass-all its permanence and ease of cleaning-with the combination of any of the newly designed bathroom wallpapers or painted walls. Just glance at the lovely bathroom illustrated here. See how this new "decorator bath" permits the use of Carrara Glass where you need it most: in the tub enclosure, behind the lavatory and for the base. That leaves plenty of space for papering or painting, according to your own ideas. All this means real savings for you. And you can save even more by installing Carrara yourself. Your dealer will supply complete information.

furniture tops of Pittsburgh Plate Glass cost you very little and give your valued furniture permanent protection. Fine finishes are guarded against scratches, stains, cigarette burns. And, when used over a lovely cloth-covered vanity top, as done here, they add a smart touch.

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for Cushioned Beauty



FRANCES BEELL EXUM

If you don't live in a frost-free clime; if your longing for spring becomes acute before the robins arrive; if your dried bouquets look dusty and florist's flowers fail to satisfy, plant Hellebores. They bloom when your garden is at its wintry worst. Two of the most useful species, called Christmas-roses and Lenten-roses, are, respectively, Helleborus niger and $H$. orientalis. As the hyphens in the names indicate, they really are not roses at all, but belong to the Buttercup Family (Ranunculaceae). But the whitish flowers do somewhat resemble single roses.

The Lenten-rose blooms in late winter or early spring, is more colorful than the taller, winter-flowering Christmas-rose, and is one of the most dependable and permanent of perennials, as well as one of the most neglected. The five-petaled, greenish-white blossoms with yellow stamens, usually borne three to each threeor four-inch high stalk, are shaped like large buttercups. The petals are usually dotted or splashed with purple, giving the effect of freckles on a "femme fatale," or a little girl dressed in monkey fur and jewels. Culture is easy. Once established, a plant will bloom for years demanding only weeding, watering in dry seasons, and a top dressing of well-rotted manure or compost once a year, preferably in late fall. Liquid fertilizer will hasten spring blooming and force all the flowers into bloom at once, but a natural flowering over several weeks is more desirable. If and when a flower is pollinated, the stamens drop off, making way for long, gracefully curved seed pods which split and drop seed copiously. So if you want to do selective breeding, clip off before the seeds ripen, the blossoms of all but your best plants. Hellebores tolerate clay soils, but do best in a good loam. To plant for a permanent effect, dig a hole one foot wide and a foot and a half deep. If you want to move a plant, dig the ball more than 12 inches across so some of the original soil will surround and protect the roots. You can move plants in your garden at almost any time of year, if you will water them daily until they are completely please turn to page 94


Eljer's new Chateau Gray harmonizes with almost any color scheme-is ideal for remodeling.

## How to plan for

 bathroom beauty and efficiencyStart bathroom planning by choosing the basic plumbing fixtures. Bathtub, lavatory and toilet are the room's permanent furnishings. They should be complemented by decorative theme and accessories.

Regardless of room size-or budget-Eljer offers a wide range of models and styles. You have choice of all materials: enameled cast iron, porcelain-enameled formed steel and vitreous china. Six colors and white are available . . . laboratory-controlled for color matching of all material!

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All fittings-faucets, showerheads, flushing mechanisms, as examples-are made in Eljer's own plants to highest precision standards. Exclusive Eljer design insures long life and smooth operation.

In every way, Eljer plumbing fixtures give you beauty and efficiency. Ask your plumbing contractor, builder or architect to help you select styles and suggest arrangements, or write Eljer Co., Box 192, Ford City, Pa.



Here's a bathtub designed for comfort and beauty. Note the wide end-seat and convenient, lowered side-seat of this Eljer Legation bath

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## Winter Garden

(Begins on page 92)

adjusted. But if plants are to be divided or shipped, do it in August, when they are dormant.
The soil should be on the alkaline side. To make it so, I like to work in marble or sandstone chips, gravel or crushed egg shells, which are slow acting and therefore safe, and which serve as a mulch.

Seedlings bloom in three years if given sufficient space, so dig them carefully and move to a special bed or a permanent spot, and mark with a circle of chips. When to do this depends on how thick they stand and how close to other plants. Many can be left until a year old; but if delayed digging might injure them or disturb a large plant, move them carefully after their second leaves appear.
Lenten-roses are most satisfactory used under shrubbery, particularly deciduous shrubs where the plants get enough winter sun and summer shade and present an interesting, joyous aspect at a time when the shrubs are contributing little. (Such a location affords protection from "moving objects" such as "little feet," canines, and exploring but unoriented friends.) They are especially enjoyable near garden walks and doorways, from which they can be seen in winter without going into the wet garden; where they are easy to get for use in the house. Their color range is from light pink through magenta to chocolate brown, plus white, and greenish and maroon shades. Effective focal points in arrangements of green leaves, they also make attractive corsages, and the pure white ones are useful for wedding bouquets. They are long-lasting when cut and will revive when wilted if the stems are cut back and plunged into hot, then cold, water.
One reason why the Lenten-rose hasn't been used more may be because the better known Christmasrose, which is much harder to establish, has often been tried with little success, making gardeners leery of H. orientalis. Another reason could be confusion, since the name Hellebore has also been used for a popular insecticide. True, Helleborus, like many garden plants, has poisonous roots, but it is no more poisonous than poppies, foxglove, and some other plants. It is rarely attacked by pests, and moles tend definitely to avoid it; consequently, hardy bulbs ought to be safer than usual if planted near Hellebores.


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49 Barclay Street, New York $7, \mathrm{~N} . \mathrm{Y}$. $\square$ Please send Gardening Illustrated FREE, Please send Gardening Illustrated FREE. Name


## Few Flowers

(Begins on Page 54)


Taking advantage of their natural swoop, work palm boots into a frame, then bind stems together firmly with adhesive tape (page 54). For balance, arrange boots so the topmost appears to be directly over center of container. Repeat rhythmic lines; allow ends of palm to turn up. Cut one or two shorter, and wire to picks-this gives illusion of greater depth


Wire sea-grape leaves to sticks of varying length. Add these, and other dried materials. Finally the mums, in orchid tubes. Before arranging, keep mums a few hours in water


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## Let's Go Shopping for Poppies

shallow rooted plants like babys-breath should be used to fill in for the rest of the season. Also, if division of any of the plants is to be done during their late-summer dormant period, it is well to supplement your memory as to their location by marking it with stakes. This, done while they are in bloom, or at any rate before their tops die and are removed, will also prevent inadvertent planting of other things on top of them. The perennial Iceland poppy and the annual kinds contribute both flower and foliage effects to the garden for a much longer season than do the Orientals.
Except for certain blossom resemblances, the poppy relatives are distinct plant types in both form and function. The plumepoppy, for instance, whose stalks, topped by loose-waving clusters of tiny flowers, may attain eight feet or more, is fine in the background of a border or as an exclamation point at the bare corner of a building; the low, spreading California-poppy and the Matilija-poppy of the western plains are definitely subjects for the front of a border, for judicious use in a rock garden, etc.; and so it goes. Because some of these relatively minor materials are not always illustrated in the catalogues that offer them, and are not commonly found in the average garden, it may take visits to the show grounds of plant specialists or to botanical gardens and other horticultural institutions to make you familiar with them and to find out what they look like and what they can do. Since such visits are invariably rewarding in many ways even though they may not answer every question, we urge them as one of the steps to be taken in shopping for poppies.

## A GUIDE TO THE MORE POPULAR POPPIES

Descriptive data given in this order: An (nual) or Per (ennial); region of origin; flower diameter and height of stalk; color: R (ed), Pi (nk), Pu (rple), S (almon), 0 (range), Y (ellow), W (hite), C (ream), B (lue); notes.

## A-True Poppies (Genus Papaver)

P. rhoeas-

Wild, Field Poppy
P. nudicaule-

Iceland Poppy
P. orientaleOriental Poppy
P. somniferumOpium Poppy

An. - Europe - $2^{\prime \prime}$; to $36^{\prime \prime}$ high - R, S, Pi, Pu, W Var. umbrosum, R with black spots in throat is "Flanders Fields poppy"; Shirley is a colorful strain
Per. - Northern N. America - $3^{\prime \prime}$; to $12^{\prime \prime}$ high - R, O, Y, W - Lobed foliage - Delicate looking but perfectly hardy
Per. - S. Europe to Persia - to $6^{\prime \prime}$ or more; to $4^{\prime}$ high R, S, Pi; some with black-spotted throat - Hairy stems and foliage

An. - Greece, Orient - $4^{\prime \prime}$; to $4^{\prime}$ high - R, Pi, Pu, W Coarse, grayish-green leaves

## B-Poppy Relatives (Other genera than Papaver)

Argemone platyceras. Prickly-or hedgehog-poppy
Dendromecon rigida-Bush- or tree-poppy
Eschscholzia californica-California-poppy
Hunnemannia fumeriae-folia-Mexican tulip-poppy
Macleaya cordata. Plume-poppy, tree-celandine
Meconopsis (several spp.) -Chinese, hare-, bell- or Welshpoppy
Romneya coulteri. Matilija-poppy

Per. (but usually grown as An.) - America - $\mathbf{2}^{\prime \prime} ; 4^{\prime}$ high - W, rarely Pu - Coarse, bristly plant

Per. (but tender) - California - $2^{\prime \prime}$; to $10^{\prime}$ high $-Y-$ Decorative evergreen shrub for warm places

Per. (but usually grown as An.)-Pacific Coast- $3^{\prime \prime}$; to $2^{\prime}$ high $-\mathrm{C}, \mathrm{Y}, \mathrm{O}, \mathrm{Pi},-$ Grayish, finely cut foliage

Per. (grown as An.) - Mexico - $3^{\prime \prime} ; 2^{\prime}$ high $-Y-$ Resembles Eschscholzia, but is less delicate

Per. - Orient - Small, in plumes; to $8^{\prime}$ high - C Lobed basal foliage; spreads by suckers; formerly called Bocconia

Per. - Europe, Asia - to $3^{\prime \prime} ; 1^{\prime}$ to $3^{\prime}$ high - Pu to B Good for rock gardens

Per. - S. California and Mexico - to $6^{\prime \prime \prime}$; to $8^{\prime}$ high W (fragrant) - Effective border plant


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## Put Soge Vygtate Gaden

CONSTANCE and EIE WIN STAMIBLEIR

IITe have proved that you don't need a lot of space in order to have a worthwhile vegetable garden, and that, to start with, the soil doesn't have to be dark and rich. The only available space on our lot was on two sides of our garage-a long strip $4^{\prime} \times 2 I^{\prime}$, and one at right angles to it, $6^{\prime} \times 18^{\prime}$. The soil was the worst on the property, consisting of sandy subsoil out of the garage foundation excavation. So we began by turning under the rough grass and weeds growing there. Also, as our lawn started growing a month or more before time to plant vegetable seeds, we collected the clippings whenever we mowed it and worked them into the future garden, along with others solicited from our neighbors and any vegetable matter from our garbage. The soil still looked rocky and unpromising at planting time late in April, but we had nothing to lose by trying, so we started.

We had drawn a plan showing where and when we'd plant our seeds and seedlings, but since neither of us had much gardening knowledge, we used no technical or involved procedures, and trusted that the descriptions and directions in the seed catalogues we had collected were accurate. Our initial planting was of rows of parsley, Great Lakes lettuce, and bush snap beans, and hills of PLEASE TURN TO PAGE 98


We made the most of our limited space by following early crops with fresh plantings in the same space, feeding regularly, and mulching generously


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Vegegtable Garden

(Begins on page 97)
squash-the summer, Zucchini, and acorn varieties. Later we planted lima beans, and when advertisements of eggplants and tomato plants appeared in the local paper, we bought six of the former and twelve of the latter. At first we tried staking the tomatoes, but not being adept at the art, we finally covered the ground around them with a heavy mulch and let the plants spread out on top of it. This proved very satisfactory giving us a large crop with a minimum of effort. We also planted additional rows of beans and lettuce at intervals to ensure a steady supply. Whenever we planted, we worked a handful of $5-10-5$ plant food into each hill or several cupfuls per row After heavy rains, we dusted the plants with an all-purpose dust to control insects and plant diseases. After growth started, we mulched around the plants with grass clippings, and as a result rarely had to do any weeding; also we had to water only during prolonged dry spells.
At very small cost in time and money, we obtained all the parsley we needed, 24 summer squash, 30 Zucchinis, over 30 pounds of beans, I8 eggplants, several hundred tomatoes, and quantities of other vegetables. The only crop we won't plant in the future is acorn squash; the yield was excellent and the product delicious, but the vines ran wild, tangling up the bean rows and spilling over into our neighbor's yard. Our only real complaint is that the taste of those fresh vegetables spoiled us for eating store-bought produce all winter! So with the first sign of spring, we are eager to get going on our pint-size but profitable garden.


Data: Natholie H. Gage
Proper, permanent plant labeling is a must in the well-ordered garden. Here is a way to keep cheap, handy paper labels legible, water-repellent, and weatherproof for a long time: Put I ounce of paraffin (grated or flaked) in a half-pint bottle with a snug-fitting cork. Add $1 / 3$ pint of carbon tetrachloride and shake occasionally until dissolved-maybe three to six hours. After writing your labels, coat each one, both sides, with the paraffin solution using an applicator made by pushing the handle of a small water-color paintbrush through a hole bored in the cork.

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Aromatic, sweet-flavored berries, averaging inches in circ. June bearing variety, Gov't inspected plants. Shípped from Mar. 1 to May 15 with complete planting instructions. No C.O.D under $\$ 10$

12 plants $\mathbf{\$ 2 . 5 0} \quad 30$ plants $\$ 5.00$
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## 

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"What live

## Unlearnel"

## WESLEY HAYNES

IIhen I joined the joyous ranks of gardeners a few years back, my friends rallied 'round with gift plants and advice. I can now state that some of the plants were good.

What I'm getting around to is that a hefty folklore has grown up around gardening. Old wives-and old husbands, too - are busily concocting their tales of "how we used to do it." Gardening is now a prickly cactus patch of "You must do this!" and "You can't do that!" and "Who ever heard of treating roses that way?"
Now some of what they tell you is perfectly true, such as the dictum that sunflowers aren't happy anywhere but in the sun. But many a practitioner of gardening propagates myths, without being aware of it. Like my former neighbor, Ed Scoville, a lean and weathered citizen, who only needed to see me with spade in hand to foretell a season of discontent in my garden. Ed had grown up on a huge fruit farm in Missouri; he despised any kind of horticulture not calculated in hundreds of acres. When he saw me planting camellias on the west side of my house, he morosely foretold how they would die. Any fool, he hinted, would know that camellias had to be on the north or east side of a house. That hedge of blooming camellias on the west side of my house is doing quite well, thank you: But more of that later
To go back a few years . . . when I prepared to move from an apartment to a home of my own, older and wiser heads at the office warned me against becoming a slave to my garden. They showed me blisters on their hands from mowing and wailed piteously, "Every night and every weekend you'll be hitched to the pruning shears and the lawn mower. You'll wish you were back in a nice, noisy apartment."
Of course they were wrong, but it took a little experience of my own to teach me that gardening is liberation -not enslavement.
I remember the way Ed Scoville used to watch from his back fence as I set out to perform a garden chore. His attitude toward me was that of a twenty-year Army sergeant toward a fuzzy-chinned youth trying for a Pfc stripe.
If I wanted to plant an orange tree in my backyard, he shook his head mournfully: " Y ' can't grow oranges here. We're in a frost pocket!" But I went right ahead and planted that tree, being careful to locate it where it could soak up reflected heat from a neighbor's white-painted garage. please turn to pace ioo

$$
\$ 1.00 \text { higher in far west }
$$

Every time you open a swinging door, you waste enough space to hold an easy chair, a bedside table, a kitchen cabinet. With a new "Spacemaster" folding door you can save this space-and save money, too.

Thanks to new design and production techniques, the makers of famous "Modernfold" doors are now able to bring you "Spacemaster" at the lowest price in the bistory of quality folding doors-and still give you all these superior features:


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Plain soap and water removes even the worst stain from "Spacemaster's" durable vinyl-fabric surface.


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You can do it yourself with a screwdriver in a few minutes' time. "Spacemaster" comes complete. No extra hardware to buy.

- Sturdy steel frame with balanced box hinge construction that insures quiet, easy operation.
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Best of all-you can easily install "Spacemaster" yourself-wherever a swinging door now wastes precious space in your home. They can be used in pairs to fit openings up to 6 feet wide.

Ask to see "Spacemaster" af your local lumber dealer, building specialty store or department store.

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what would she think
of you today?

She looks out at the world through older, wiser eyes . . . that girl who once was you. Would she approve the way you look at things, or would she miss the fresh enthusiasm that was so much a part of her make-up? Ask yourself the question she would ask: Do you still have a "young" viewpoint?

Part of feeling young is a willingness to accept new ideas. Perhaps that's why so many young people have turned to the new idea in sanitary protection: Tampax*. Because Tampax is worn internally, it avoids many of the discomforts of "those days"-chafing, irritation, the whole bulky belt-pin-pad harness, and odor.

Doctor-invented Tampax is so comfortable the wearer can't even feel its presence. It's easy to dispose of. Can be worn in shower or tub. The Tampax package never betrays your secret. In fact, it's so small a month's supply slips into purse. Get your choice of 3 absorbencies (Regular, Super, Junior) at any drug or notion counter. Tampax Incorporated, Palmer, Mass.


## I've Unlearned

(Begins on page 99)

The tree grew and flourished. True, the oranges are the size of golf balls and sourer than lemons, but that's another story that has nothing to do with the tree's location.

Whenever any plant or shrub died for me that first year (and plenty did), Ed gave me the old I-told-youso treatment. Keeping my temper with an effort, I used to mutter through clenched teeth: "It's all a part of my education." Yes, those first years on Klump Avenue were educational, all right. When I bought the place, the real estate man told me with guileless fervor: "This soil is wonderful! It'll grow anything!"
In a way he was right: it would grow anything, providing you first added a king's ransom in top soil, peat moss, and the best sixty-nine-cents-a-bag steer manure. That alleged soil was as nearly pure sand as you'll find this side of the Sahara. But, in a curious way, I liked the back-breaking work of digging out rocks and placing trailer loads of leaf mold in each flower bed. Once, early in the game, before I'd become a convert to compost, I took some of the pale-colored stuff my yard was made of to the Los Angeles County Agricultural Agent, showed it to him, and asked hopefully, "Would you say I had sandy loam?" He examined it carefully, then said, straight-faced, "I'd say you had sandy sand."
But when once I'd learned the simple truth that hothing in gardening is quite as important as conditioning your soil, my prospects brightened. I learned about mulches -using a deeper mulch as our hot Valley summers progressed. And I found that the right mulch, neatly applied, needn't be messy looking.
Heartened by success, and ignoring the old-fashioned texts which advised against mixing flowers and vegetables, I did just that-and found it good. I happen to admire the foliage of rhubarb, artichoke and asparagus. Today, they're all thriving in my perennial flower bed. And every time I pull a generous portion of cherrycolored rhubarb, I feel as though a favorite stock has declared an extra dividend. While we're on the subject, this perennial bed is bordered with a neat little plant with lively purple flowers called chives. The zesty flavor of its leaves improves many a salad.
Friends used to tell me that it was impossible to move a large tree. I rebelled at the idea-and did something about it. A twelve-foot Chinese elm tree was growing in my backyard right where it stole food and kept

the "Snap-Cut" than any other pruner. Why? Because it works with amazing ease, leaves a quick-healing cut and it lasts for years. There are many imita-tions-so look for the name on the tool. Two sizes: $8^{\prime \prime}$ at $\$ 2.75$ and $6^{\prime \prime}$ at $\$ 2.25$. Coupon entitling you to 28 -page book, "How to Prune" in every package. For book only, send 10 c to factory.


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## No. 277

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sunlight from a prized Flamingo peach. I waited for the right day: cool, overcast, with plenty of moisture in the air. Then I dug around the tree, and moved it, with about a yard of dirt around the roots, using two strong friends and a wheelbarrow. I quickly placed the tree in its new location, filling in around it with well-screened compost; soaked the soil with a trickle of water to work out the last air pocket from around the roots; and topped off the operation with a feeding of plant food in liquid form. The way that tree shot upward and outward made me wonder whether some trees, like certain people, wouldn't enjoy an annual move!
But the gratifying growth of that elm tree has been no more striking than that of my revolutionary camellias. (Revolutionary because they're thriving in a western exposure, where the experts say they can't.)
You see, my house has a dandy roof overhang of about two feet. Hence, planted quite close to the wall, the camellias are protected from summer's intense overhead sun. Before I planted, I prepared the camellia bed with loving care plus gleaming black loam, crumbly leaf mold, and bales of peat. Then, and I will admit, if forced to, that I consider this the master touch-I planted a row of bushy marguerites close to the camellias so that their shade kept the camellia roots cool.
Perhaps in no other respect are the usual maxims about gardening so spectacularly wrong as in the matter of fertilizers. More times than you can shake a stick I've been told by veteran gardeners, "You can't use all that fertilizer! You'll burn your plants to a crisp!" So what? Once in a while I have burned a plant; but only rarely, and never beyond the possibility of salvaging it with first aid measures. On the other side of the ledger, my high-feeding program has given me lush, deep-green foliage and bountiful blooms on hundreds of shrubs and flowers. In feeding, I strive to make every plant achieve its maximum growth, even though some friends make jokes about my lavish feeding, insisting that no good will come of my efforts to "break the sound barrier" with hoe and wheelbarrow. Actually, the whole operation is carefully planned, with two principles ever in mind: I watch each plant for any sign of over-feeding; and I vary the diet over the year so that each plant gets a helping of trace elements from fish fertilizers at least once during the growing season.

Yes, what I've unlearned about gardening convinces me that my plants want to grow, and that, given half a chance, they will. Who could ask for a nicer arrangement not only for them but also for me?

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don't get steamed UP-not when the new "Klear Glass" liquid will help prevent annoying fog on your eyeglasses-or any other glass, plastic, or high-luster surface. On the windshield, an application minimizes clouding makes driving safer. Added dividend: this non-greasy cleaner also puts on a protective coating that is dust- and grime-resistant. Handy $3^{1 / 2}-0 z$. squeeze-spray bottle for household use, $\$$ r.49; pocket-size applicator, 494 .

speed up dishwashing with this sturdy Saran bristle brush and plastic bottle handle to hold liquid detergent. A squeeze on the container brings on the soapy suds. For cleaning woodwork, whitewall tires, too. \$r. Hygienik Dishwasher Co., Inc.


Clothesline disappears with ease into its own weatherproof aluminum house on any day but washday. Five lines (total 150 feet in length) are plastic-coated wire. They unwind and rewind window shade-fashion. To set up line, simply pull bar out to any distance up to 30 feet, hook into bracket. Locking lever on housing draws lines taut, allows them to roll up when released. $\$ 30$. Ekco Products Co. PLEASE TURN TO PAGE 102

## Born just in time for New. Improved MILK-BONE

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Whether your skin problem is an obvious dry flakinesstiny lines becoming over-apparent-or failure to take make-up smoothly-Lanolin Plus Liquid can help like magic.
You see, the very name of Lanolin Plus stands for an extra abundance of valuable esters and cholesterols that are most similar to Nature's own skin lubricants. So its penetrating quality quickly helps diminish the troublesome signs of dry skin. Lanolin Plus helps maintain a proper lubricating balance not only for skins that are too dry but normal and oily skins, too.

Why not try Lanolin Plus Liquid soon? And, for the most beneficial make-up- and dirtremover yet-Lanolin Plus Liquid Cleanser. Both go so very farfor only one dollar plus tax, at all cosmetic counters.


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Complete set of tools is stowed away in this small chest made to hang flat on the wall in a compact $31^{1 / 2} 2^{\prime \prime} \times 33^{\prime \prime}$ space. This chest comes in two versions; one model (shown) contains 34 different fine quality tools for cutting, measuring, nailing, and driving. The other model has 24 similar tools, plus an electric $1 / 4-$ in. drill with II attachments. Hand-

## Seen These?

(Begins on page 101)

some knotty pine cabinet has natural finish, black Colonial hardware. Tools hang neatly on peg-board backing of chest which has 10 additional clips for future tools-there's room on the inside of cabinet doors for even more expansion. 34-piece set, $\$ 99.50$. Other set (with electric drill), $\$ 113.50$. The Stanley Works.


No MORE GUESSWORK when you latch onto precision cooking via these two new dial-type thermometers-one for roasting; the other for deep frying and making candy or jelly. Both have large read-at-a-glance dials, $2^{1 / 2}$ in. in diameter. Maintaining the proper temperature is simply a matter of presetting the indicator and then keeping the center arrow point-to-point with the indicator. Roast meat thermometer has a dial with io degree gradations from 140 for rare roast beef to 190-200 degrees for poultry roasting. The stem is a short 5 inches for easier handling. The second, a combination candy and deep-fry thermometer, has the same large dial, but is marked in 2-degree gradation from 200 to 400 degrees. The stem is 7 inches and has a handy adjustable clip for holding the thermometer securely to the pan edge.

Both thermometers are sturdily constructed of stainless steel. Watertight and rustproof, they can even go into the dishwasher. $\$ 3.50$ each. Taylor Instrument Co.

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Enclosed find 10c for "Water Witch" to figure my home water needs.

STREET OR RFD
位共
nation anyway, since they reflect the opinions of unimaginative masters. Hi-Fido communicates his high-fidelity judgments through tail waggings and the like. He spins, rolls over, and barks in all degrees of that limited human gamut, the well-tempered scale (for which he seems to have a certain contempt, probably because of its impracticability according to modern standards).

Thus with such stalwarts at my beck and call as Ed Wallace and HiFido, the high-fidelity future looks rosy indeed for me. However, for the present-and a longish present it would appear to be-I shall adhere to what I previously referred to in this essay as the "finished product."

The national market, in short, offers several ready-made hi-fi sets of excellent manufacture and working capacity. I have heard some of them perform, and to say that I was amazed by the results obtainable is being perfectly truthful. Nor is the cost of these sets prohibitive. Custom jobs, too, can be had in prices within the bounds of economic propriety.

As for recordings, it can be said without quibble that various companies have produced high-fidelity disks for a long time. Lately, owing to the increase in hi-fi interest, one manufacturer at least has been sticking the words "high fidelity" on the envelopes, but you can get excellent hi-fi performance today, whether or not it says so on the disks. Below are some of the better new ones, from the twin standpoints of artistic performance and excellence of sound. List prices for LP records are given.
victor: Cavalleria Rusticana and Pagliacci with Jussi Bjoerling, Victoria de los Angeles, Zinka Milanov, Leonard Warren, and Robert Merrill, conducted by Renato Cellini (3 disks, $\$ 5.72$ each).
The Paganini String Quartet in three of Beethoven's classics (\$5.72).
Vladimir Horowitz with Reiner and the RCA Victor Symphony in Beethoven's "Emperor" Concerto (2 disks, $\$ 5.72$ each).
capitol: Glazunov's The Seasons played by Roger Désormière and the French Symphony Orchestra ( $\$ 5.70$ ).

Steinberg and the Pittsburgh Symphony together with Leonard Pennario in the Gershwin Concerto in $F$ ( $\$ 5.72$ ). London: Ravel's Valses Nobles et Sentimentales played by Ansermet and L'Orchestre de la Suisse Romande ( $\$ 5.95$ ).

Bruckner's Seventh played by Van Beinum and the Concertgebouw Orchestra, plus Franck's Psyche (2 disks, $\$ 5.95$ each).
columbia: Ormandy and the Philadelphia Orchestra in Mussorgsky's Pictures at an Exhibition (\$5.95).
Nelson Eddy starring in the RodgersHammerstein Oklahoma (\$5.95).
Beecham and the Royal Philharmonic with William Primrose, viola soloist, in the Berlioz Harold in Italy (\$5.95).
remington: Sylvia Marlowe at the harpsichord playing Scarlatti, Bach, and Couperin (\$2.99).

Carlos Montoya in typical flamenco works played on the guitar ( $\$ 2.99$ ).
Leonid Hambro in Mozart and Haydn piano sonatas (\$2.99).

## How to make a

## Translucent Plastic Door



PAELL CDIEEY
Would you like to have a door that's light, easy to make, permanently colorful-and translucent? By framing a sheet of glassfiber plastic you can make one that will brighten up a room, especially if you need to borrow light from a porch or another room.

We made the door shown above out of standard $\mathrm{I} \times 4$ redwood lumber (pine would do just as well) and a sheet of plastic in a glowing yellow tone. Many shades of rose, blue-gray, and green are available in this flat version of a material that is widely used in corrugated sheets.

The sandwich method of construction that we used for the frames gives strength without a lot of tricky joints, and there are no stops to give trouble or collect dust. Incidentally, the same method of construction may be used to make plastic screens if you don't have a spot for the doors.


## 1.

Frame consists of four short and four long pieces of $1 \times 4$ lumber. Shorts are width of opening, less $33 / 4 \mathrm{in}$.
(width of lumber). Longs are length of opening, less $33 / 4 \mathrm{in}$. With plane or power saw, cut rabbets along edge of the four pieces. Rabbets should be 1 in . wide and equal in depth to the thickness of plastic used

MORE ON PAGE 104


## This picture demonstrates

 3 ways heat escapes your homeJohns-Manville Spintex Insulation prevents heat escaping ALL 3 WAYS!

Tomorrow at breakfast, let your coffee and a lighted match show how J-M Spintex insulation can keep heat from moving out of your home.

Only this type insulation properly applied prevents heat loss all 3 ways.

## By Conduction:

Notice how quickly your spoon handle warms up. Fast-moving molecules in the hot coffee kick into action the slowed down molecules of a cold silver spoon. In the same way your furnace heat kicks its way out through uninsulated walls and ceilings.

## By Convection:

When you light a match, notice that the flame is pulled straight up by rising heat. Heat behaves the same way in a house with uninsulated walls and moves to the colder surfaces where it finds ready exit to outdoors. Drafts result.

## By Radiation:

Now sip your coffee. It has cooled perceptibly. The heat has propelled
itself out into the air and will radiate in all directions unless it is stopped by efficient insulation.
That's why J-M Spintex can save you up to 30 cents on every dollar you spend for fuel. Your house is warmer in winter, cooler in summer. And Spintex is fireproof, gives added protection.

WHERE INSULATION IS NEEDED!


1. Exterior walls. 2. Floor above unheated garage. 3. Floor above unexcavated area. 4. Floor over open porch. 5 . Ceiling below unfinished attic. 6. Sloping ceiling. 7. Dormer cheeks and faces. 8. Dormer ceiling. 9. Knee walls. 10 . Ceiling below flat roof.


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Ahead $\$ 2,000$ to $\$ 3,000$ "We have moved into our 'Liberty' home and are more pleased with it every day.
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The four parts of the frame wit the rabbets cut on the edge should be assembled with corrugated fasteners and glue. Rabbets should go all the way around the inner edge, as in a picture frame

3.

Cut sheet of plastic so it will fit into rabbets cut in frame. Spread glue over entire top surface of frame, including rabbets. Drop plastic sheet into place and press down so that sheet makes contact with glue at all points

4.

Complete job by laying the four non-rabbeted pieces onto glued surface. Place as shown, so that joints will overlap. Nail the two frames together, set the nails and fill the holes. When the glue is dry, the door is ready to be hung

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How to Repair a

## Flush Tank

IR. J. ALEY
Tf you understand how something works, then fixing it is a lot easier. So, before we tell you about repairing your flush tank, we are going to explain how it works. Stay with us.

Water enters the tank through the water supply pipe, and its flow is governed by the float valve or ball cock. This valve is operated by the float ball through a series of levers, so that when the float has been lifted nearly to the top of the tank by the water filling the tank, the valve turns the water off. To flush the tank, the handle is depressed and the trip lever is elevated. This raises the upper lift wire, which in turn raises the lower lift wire and the flush valve ball. See? The flush valve ball is buoyant and therefore does not drop down on to the flush valve seat until the water has flowed out of the tank. The flush valve ball then seals the flush valve, and since the float ball has dropped down with the water level, the float valve opens, and the


The float ball, float valve, and the flush valve are the three most common danger points and should be checked first
cycle of refilling is repeated. Very simple really

The most common ailments of flush tanks are leaks and continually running water. Such leaks most commonly occur if flush valve allows the water in the tank to leak continually into the kowl, or if the float valve


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It happens so often at the end of a wintry day. Your car has carried you faithfully, from one call to another, over streets and roads kept passable by public snow removal equipment.

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 fails to shut off the water in the supply pipe when the tank is full.

When the flush valve leaks, first check the flush valve ball to see if it needs replacement. Flush valve balls will not seal tightly if they become worn, rotten, or distorted (common conditions in their old age). If the lift wires bind or become bent they will prevent the ball from seatPLEASE TURN TO PAGE 106

Committee on Steel Pipe Research

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THE AMERICAN HOME, FEBRUARY, 1954


## FOR HOME OR BUSINESS NEEDS

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## Flush Tank

(Begins on page 105)
ing properly in the valve seat, and water will escape. They can be fixed by cleaning and straightening the wires or by aligning the lower lift wire guide over the center of the flush valve. A dirty or rusty valve seat will also cause leaks, and can usually be fixed by smoothing the valve seat with emery paper.

When the float valve fails to close all the way, the water in the tank will run continuously into the bowl through the overflow pipe. Usually this valve stays open when the float has a leak which prevents it from rising up enough to close the valve. Or the float rod may be bent out of shape so that even when the float is at the correct level, the valve is not entirely closed. If the float leaks, you


The float valve will leak if the valve seat has corroded, or if the washer that seals the valve is rotten or worn out of shape
can solder small holes closed or else unscrew it from the rod and put on a ew one. If the trouble comes from the rod, bend it so that the valve will be closed when the water level is just below the top of the overflow pipe.

The float valve also will leak if the valve seat is rough, or if the rubber valve washer is worn. Shut off the outside water supply to the tank, remove the two thumb screws, and lift off the whole float mechanism and the valve plunger. If the washer is worn, replace it with a new one. Inspect the valve seat and smooth down any rough spots with emery paper.

Once in a great while, leaks develop around the water supply pipe or the pipe that carries the water to the bowl. Either leak can be corrected by removing and replacing the old packing around the pipes.

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Page 50: PhREE COOKING WALLS
HERE'S A KITCHEN WE DESIGNED Pages 51-53, 77, 78: Cabinets, Berger Republic Steel. Modular units, Caloric. Refrigerator, Servel Ice-Maker. Washer and gas
dryer, Whirlpool. Dishwasher and mixer KitchenAid. Flooring, Armstrong's Decoresa
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quois. Wall clock, Seth Thomas. Stepstool Cosco. Towels and place mats, Leacock. Arti-
ficial flowers, Constance Spry. Glass jars, ficial flowers, Constance Spry. Glass ars,

TAKE A FEW FRESH FLOWERS
Page 54: Chrysanthemums, Jackson G Pe
THEN YOU HAVE GOOD VICTUALS
Page 56: Ceramic tureen, Waterman-Whit
FAMILY FOOD MY MOTHER TAUGHT ME Page 58: Apothecary jar, U. S. Glass, Malcolm's Chafing dish, Hammacher Schlemmer G Co,
Page 59: Cake plate, Dutch Heamsted Ware Batea Trading Co. Serving spoon, Flint Mfg. Co TAKE A CAN OF PEAS
Page 60: Gray platter, Harker Pottery. Brown and white Dutch Heamsted ware, Batea. Green bowl and chartreuse leaf dish, Royal Haeger White platter, Salem.
BRIGHT NEWS FOR KITCHENS
Page 67: First shelf: Bread box and canister set, Harper J. Ransburg Co., Inc. Second shelf: Paper towels, Nat'l Paper Corp. Can opener, Dazey. Baking dishes and tableware, Pyrex, Place mat, Vinyl Linens. Third shelf: Dish towel, Fieldcrest. Casserole and Coffee "Rot-
tles," Glasbake by McKee. Radio, Crosley, Shelf paper, Domestic Industries, Inc. Fourth shelf: Mixing bowl, Plas-Tex, Rolling pin, Ekco Products Co, Inc. Chicken fryer, Bellaire
Enamel Co. Rooster, Richards Morgenthau. Measuring cup, Federal. Canister, Plas-Tex. Fifth shelf: Skillets, Griswold. Poultry shears, Studio Shop. Sponges, O-Cell-O. Drain tray, Rubbermaid Products of Wooster Rubber Co,
Plastic dishes, Russel Wright Plastic. Left of shelves: Clock, Seth Thomas. Wallpaper, United Wallpaper. Chair, Daystrom. Sweeper, Bissell. Bottom shelf: Rubber mat and dustpan, Rubbermaid Products, Wooster Rubber Co. Mixer, Federal. Right of shelves: Copper-top pan, Wearever. Thermometer, Cooper. Kitchen uten-
sils, Washburn Co. Page 68: Clock, General Electric. Measuring spoons and kitchen tools, Ekco Products Co. Slicer set, C.J. Schneider Mfg. Co. Electric trivet, Paragon Electric Co.
"Bright Dawn" tableware, Robeson Cutlery Co, DRESS UP YOUR BATHROOM WITH TOWELS Page 84: All towels by Cannon Mills

PLACE AND SHOW
Page 86: All prices are approximate. Dinner Vare Dennsylvania Pantryware" designed by
Vunn. \(91 / 2\)-in. plate, \(\$ 1.65,61 / 2\)-in. plate Vera Dunn. \(91 / 2-\) in. plate, \(\$ 1.65,61 / 2-\mathrm{in}\). plate,
\(79 \%\); cup and soucer, \(\$ 1.60\); coffeepot, \(\$ 4.25\); 94;, cup and saucer, \(\$ 1.60\); coffeepot, \(\$ 4.25\); miniature canister, \(\$ 1.20\); honey pot, \(\$ 1.20\) Cemar. Fabric \(\$ 2.30\) per yard, McKay, McLane \& Davis. Navy "Colorflaz" linen place mat, 75; natural napkin, \(75 ¢\); John Matouk. Hand "Pace" stainless steel 6-pc. place setting, HIGHLIGHT ON FIREPLACES Pages 88, 90: Numbers 1, 2, 4, 13, William H Jackson Co. Number 3, Custom Cast. Numbers \(5,8,11\), Richards-Morgenthau Co. Num-
ber 6, 7, Bennett-Ireland, Inc. Number 9 Armstrong Products Corp. Number 10, Virginia Metalcrafters. Number 12, Basket Bazaar. PHOTOGRAPHS
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INGS: Sigman-Ward. INGS: Sigman-Ward: 32-37, 51, 97, 105-106.
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\(41 / 2\) teaspoons double-acting baking powde Add:
\(1 / 3\) cup milk \(\cdot 5\) egg whites - 1 teaspoon vani
Mix thoroughly by hand or mixer (mediu speed) for 2 mins. Pour into two 9 -inch lay pans ( \(11 / 2^{\prime \prime}\) deep) which have been rubb with Crisco or lined with heavy waxed pap (for smaller pans, fill half full, bake cup cak with remaining batter). Bake in modera oven ( \(350^{\circ} \mathrm{F}\).) 30 to 35 mins . Cool cake pan on rack 15 mins. Before removing, loos edges with spatula. Place rack over cake pan; invert together. Cool and frost wit

\section*{chocolate fluff rrosting}

In top of double boiler combine: \(11 / 2 \mathrm{cu}\) sugar, \(1 / 8\) tsp. cream of tartar, \(1 / 3\) cup wat 2 egg whites, unbeaten. Set over bottom double boiler containing boiling water, be constantly with egg beater till frosting stan in peaks (about 7 mins .). Melt 3 sqs . choc late. Cool, fold carefully into frosting. Fri cake between layers, on sides and top. C thin shavings from warm, unsweetened b of chocolate to make "curls" on top of cal *With tartrate type use \(51 / 2\) tsps.

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    room, dining room, kitchen, utility,
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