The AMERICAN HOME for February

25¢

25 PAGES VACATION HOMES from Coast to Coast

Gardens Are Twice the Fun With a Basement Like This

THE LOW-COST FLOOR MAKES IT PRACTICAL

PICTURE YOUR BASEMENT made into a gardener's haven, a room that's almost as much of a joy as a garden itself. There's a place for everything —files for catalogs, seed flat racks at the windows, lots of storage space, a flower arranging center that's really the laundry tubs in disguise.

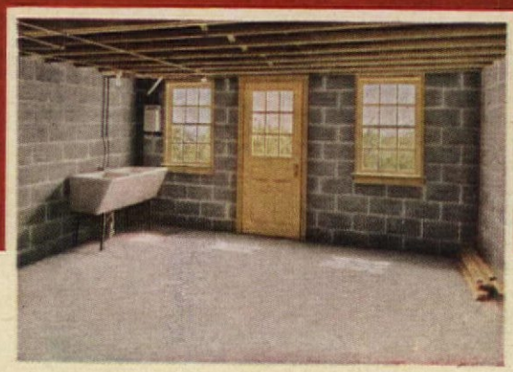
Making basement space into a really attractive room is practical now because of a wonderful new flooring material that's not affected by moisture—Armstrong's Asphalt Tile. This floor can be laid right over concrete in contact with the ground.

And it has many work-saving advantages. Dirt and tracked-in mud do not stick to its smooth surface. Spilled water is easily mopped up. With an occasional washing and waxing, this floor keeps its beauty and sparkle for many years. The colors stay bright and can't wear off, because they go all the way through each tile.

Armstrong's Asphalt Tile can take plenty of punishment, too. It resists scuffs and hard knocks. Even cigarette burns can be removed without leaving a trace. This flooring is laid a tile at a time and is available in many beautiful colors, both plain and marbleized. It permits you to have any pattern or color combination you want.

But here's the best news of all. Armstrong's Asphalt Tile is low in cost. Ask your local Armstrong contractor for an estimate. See how little you need to spend to install this luxurious-looking floor in your basement.

WRITE FOR YOUR FREE COPY of "Basement Rooms for Work and Play." You'll find it filled with dozens of smart ideas for modern basement rooms of all kinds, in full-color illustrations. Write to Armstrong Cork Company, Floor Division, 4802 Plum Street, Lancaster, Pennsylvania.



IT'S HARD TO BELIEVE that both of these pictures show the same room. Now this basement is ready to make gardening twice as much fun as ever before. See how the new floor of Armstrong's Asphalt Tile contributes to the freshness of the room. The rich background is Indigo, highlighted by strips of Tokay and spade-shaped insets of Tan Marble. This low-cost, modern flooring makes it practical to have a clean, livable basement for any hobby—or for the family recreation room. And Armstrong's Asphalt Tile can be installed quickly, without expensive preparation. Floor plans and details of the furnishings of this room sent free on request.

ARMSTRONG'S ASPHALT TILE

The low-cost floor (A) *with the luxury look*

MADE BY THE MAKERS OF

ARMSTRONG'S LINOLEUM AND ARMSTRONG'S QUAKER RUGS

Polar expedition? Five-year-old Amanda and three-year-old "Bobo" are dressed warmly enough for one! And because, like every model, Frances knows the importance of a sparkling smile, she's no less careful in protecting her children's teeth and gums. Sensitive gums, among adults, often herald their warning with a tinge of "pink" on your tooth brush—a sign to *see your dentist right away*. Let *him* decide whether yours is a case for "the helpful stimulation of Ipana and gentle gum massage."

How would you type this Model Mother?

Follow your dentist's advice about gum massage. Correct massage is important to the health of your gums and the beauty of your smile—so important, in fact, that 9 out of 10 dentists recommend it regularly or in special cases, according to a recent national survey! *Help your dentist guard your smile of beauty.*

Photographers see Frances Nalle's natural charm, sparkling smile, call her the ideal "Young Mother"

NEW YORK'S modeling circles know Mrs. Frances Nalle Crider as the perfect "Young Mother" type of model. And she is: she has two adorable youngsters of her own. She has the dazzling smile that's so important to *any* kind of modeling job.

"Model" mother that she is, lovely, green-eyed Mrs. Crider has already taught Amanda and "Bobo" to safeguard *their* smiles by following her own prized dental routine: *Regular brushing with Ipana Tooth Paste, then gentle gum massage.*

For Frances, like so many successful models, makes it her business to know what thousands of schools and dentists stress—that healthy gums are important to sparkling teeth and a radiant smile.

"Bobo" does all the work and Frances and Amanda have all the fun, judging by those two big smiles. Two big *model* smiles, for the Criders use Ipana—the tooth paste dentists recommend and use 2 to 1 over any other, as shown by a recently completed nationwide survey.

Products of Bristol-Myers

P.S. For correct brushing, use the DOUBLE DUTY Tooth Brush with the *twist* in the handle. 1,000 dentists helped design it!

IPANA TOOTH PASTE for your Smile of Beauty

HOW A MAN OR WOMAN CAN RETIRE AT 55 ON $150 A MONTH

"LIFE looks mighty good to me today. I'm driving to Florida, maybe Mexico. I'm free to do the things I've always dreamed of doing—golf, fish, laze around a beach somewhere. For, you see, I'm *retired* now—with a check for $150 a month, every month, as long as I live.

"Strangely, I owe my luck to the crash and the depression. When the bottom dropped out of the market, I still had a good job, but my savings were wiped out.

"Up till then, I'd looked forward to having enough to retire on some day. But in '29, I was forty. With almost half my working years gone, I would have to start over again.

"And suppose I *could* save enough, how would I invest it? I'd already learned how *little* I knew about stocks.

"About that time, Jim Fisher, who worked in our office, announced he was retiring. I told him how I envied him—and how hopeless it seemed for me to ever afford to retire.

"But Jim said something that surprised me. 'You know, you're luckier than I am. You can retire—easier than I did. You can plan *now* to get a guaranteed income, with no investment worries, when you're, say, 55. For men in their forties—or younger—there's a modern answer to the retirement problem. *You needn't be rich.* You needn't have a lot of money saved.'

"I asked him what the answer was. He said, 'It's called the Phoenix Mutual Retirement Income Plan. It's a way you can make part of your salary now buy you a retirement income later. There's only one secret—starting in your forties—or sooner!

"I jotted the name on my calendar pad, and, after Jim left, I wrote to Phoenix Mutual. Back came a booklet telling all about Retirement Income Plans. *This was the answer for me!*

"Not long after that, I qualified for a Phoenix Mutual Plan. And what a feeling of security it gave me. It guaranteed $150 a month, every month, starting in 15 years. Meanwhile, till I reached retirement age, it

protected my family with life insurance.

"Those fifteen years went mighty fast. A while back, I got my first Phoenix Mutual check *and retired!* Thanks to my Phoenix Mutual Plan, I have no money worries.

Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of $100 to $200 a month or more—starting at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Retirement Plans. Similar plans are available for women. Don't delay. Send for your copy now.

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THE AMERICAN HOME, February, 1948, Vol. XXXIX, No. 3 Published monthly by The American Home Magazine Corporation, 444 Madison Ave., New York, N. Y. W. H. Eaton, President-Treasurer; Jean Austin, Vice-President-Secretary. Executive, Editorial and Advertising headquarters, 444 Madison Avenue, New York 22. Subscription Department, 55 Fifth Avenue, N. Y. 3. Copyright, 1948, by The American Home Magazine Corporation. All rights reserved. Title registered in U. S Patent Office. Subscription price in United States and Canada $2.50 a year; two years $4.00; three years $5.00. Foreign postage, $1.00 per year extra. Entered as second class matter December 31, 1935, at the post office at New York, N. Y. under act of Congress March 3, 1879.

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contributors

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• • • **GEORGE R. MOORE** comes to the defense of real-estate agents in "Tracking Down a Vacation Home"—an office he is well qualified to perform, because of his years of varied experience in the real-estate business. His early interests were in newspaper and advertising agency work, but he finally succumbed to real estate—and easily—his parents were real-estate brokers. In his spare time he "wrestles with depressed property." His current antagonist—a "depressed" five-acre *ranchito* in El Cajon.

• • • **ELEANOR AHERN,** one of the foremost authorities on home laundry problems, has written two books dealing with the laundry and its activities and, for THE AMERICAN HOME this month, "Are You on Speaking Terms with Detergents?" She began her Home Economics in Business career after a brief time as a teacher. A sought-after consultant in the field of soaps and detergents and by manufacturers of laundry equipment, she has spent about twenty years in the study of, and experimental work with, fabrics and cleansers.

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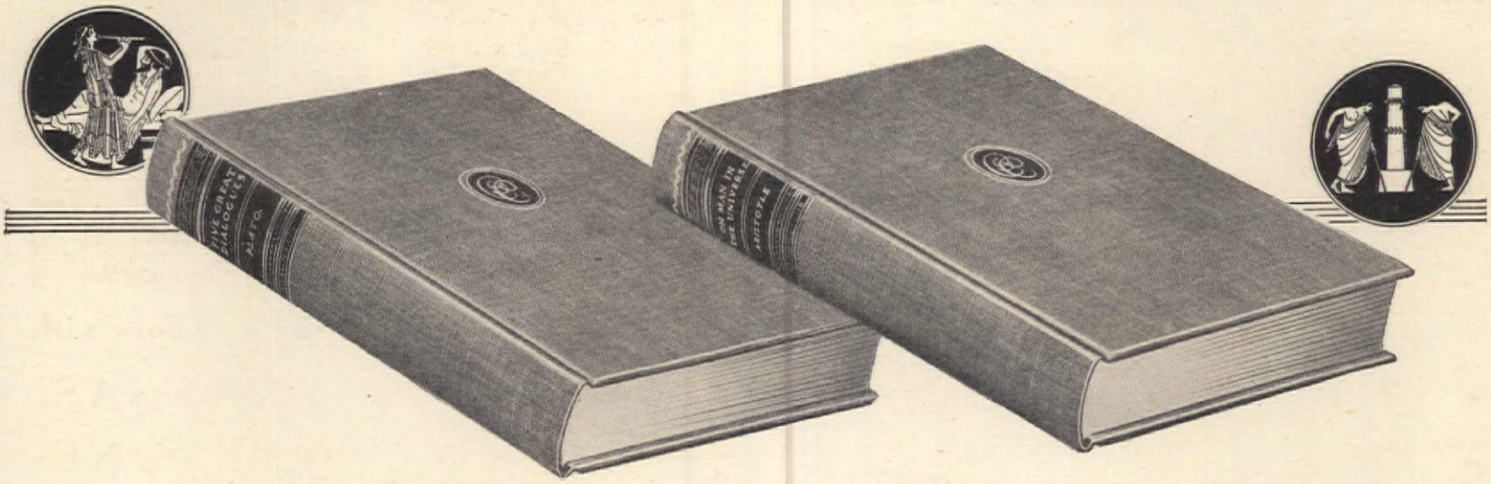

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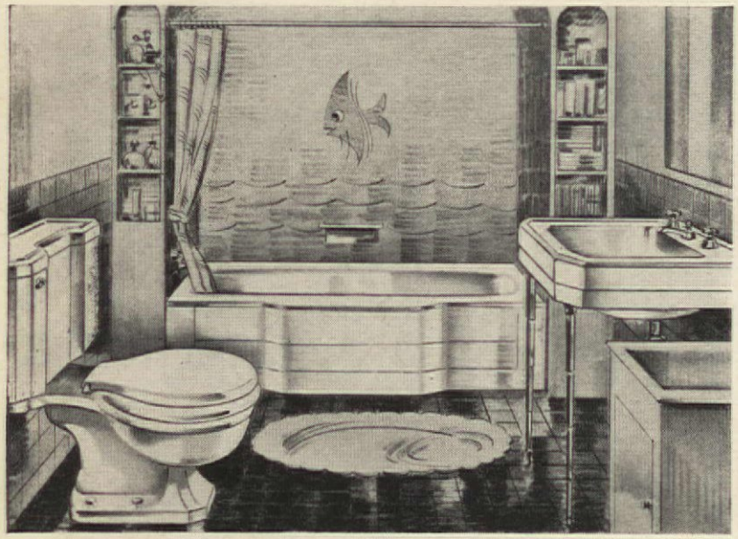

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• • • **VIOLA ALARIK** took up Norwegian Rosemaling about four years ago as a "nice sparetime hobby," but she became so interested that now she spends many hours a day with her paints and brushes. Born in Minnesota and brought up in the traditions of her Norwegian ancestry, she found in this ancient Scandinavian craft the ideal stimulation and outlet for her creative talent. An eye for design, a sense of color, and infinite patience give her work a quality all its own. She lives in a cheerful apartment which overlooks New York harbor. Her scrolls and flowers are shown in "Viking Decoration."

• • • **ROBERT E. MORE,** though a busy Denver lawyer, finds time for a variety of interests. An active vice president of the Colorado Forestry and Horticultural Association, he has been experimenting with evergreens for fifteen years. He has more than 200 types, among 300-odd varieties, of woody plants growing on his Glenmore Arboretum of which, according to a recent directory, he is "owner, superintendent, librarian, horticulturist, and sole laborer." A real outdoor man, he is also a writer—on Rocky Mountain evergreens, "Now These Are Really Hardy Evergreens"; on fishing, and on mountain climbing.

• • • **THOMAS POWELL** is a native of New York and nineteen years old. He has been writing articles for two years, first as a hobby, then as a full-time job. In this issue he tells what can be done with a lot ". . . 30 by 60 feet—It's All You Need for an Orchard!"

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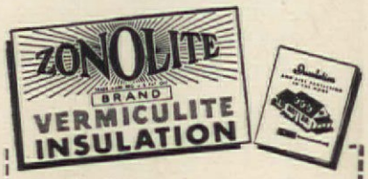

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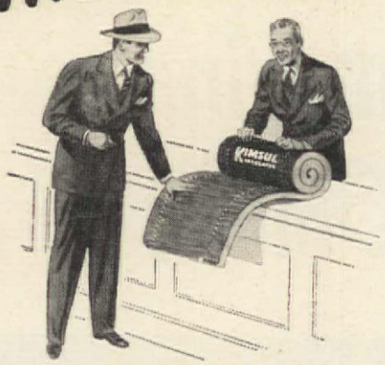

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KIMSUL INSULATION — A PRODUCT OF Kimberly Clark RESEARCH

For You — Free Book on Insulation

KIMBERLY-CLARK CORPORATION, KIMSUL Division, Neenah, Wisconsin
Please send me the FREE BOOKLET, "How to Put Your Home in the Comfort Zone."
I am interested in insulation for:
☐ My present home ☐ The home I plan to build

AH248

Name .....

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letters

"I WANT an architect who can cook to design my kitchen. I want a kitchen that is modern in design, but I don't want one with a lot of cabinet doors (either too high or too low!). Has anyone ever figured out how much time it takes the American housewife to open and close, and then wipe off, all those lovely looking cabinet doors?

"When I cook I'd like to have, yes, an old-fashioned pantry with just one door! There I can have my mixer set up and, on the shelf above, the items I usually put in it and, below it, the pans in which to place the mixture.

"There in my dear old pantry, I'll also be able to see at a glance what stock needs replacing. *This* without bending, reaching, opening, closing.

"My architect who can cook will realize, of course, that I'd like a large working shelf with a chopping board and electrical outlets and other such necessary conveniences.

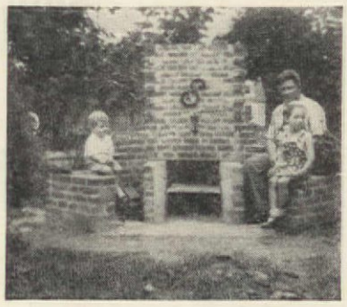
"I hope my architect also likes to do a lot of baking and oven cookery. If he does, he'll realize why I'll take a stove with the oven at eye level.

"Now maybe these modern kitchens were designed to help keep the American housewife's figure sleek and slim by bending, stretching, and keeping cabinet doors clean from loving little fingerprints. As for me, I'll find my exercise in ways more to my own liking—when I find an architect who also loves to cook!"

—Mrs. Harold Stoddard

"Thought you would like to see a picture of our fireplace. This was my husband's first attempt at bricklaying, but by following your plans it was a very simple job."

—Mrs. Robert G. Widdicombe



"I'm stationed on the most northern island of Japan (Sapporo, Hokkaido,) in an American military hospital. Since recreation facilities are limited in the hospital, crafts for our patients are essential.

I have selected several patterns from a "current" AMERICAN HOME magazine. I am particularly interested in craft for children. Since we have occupation forces in this area, many men brought their families over; often we have children as patients."

—Miss Edna Fecht

NEW IDEA BOOK

shows YOU how to have CHARMING WINDOWS!

Written and Illustrated by these authorities:

ROYAL BARRY WILLS
America's Foremost Residential Architect tells how to use windows most effectively in all styles of architecture from Colonial to Contemporary Modern.

DOROTHY DRAPER
Nation's Best-Known Decorator shows how to decorate windows in new and attractive ways to give distinctive charm and personality to every room in your home.

ROY WENZLICK
Famous Real Estate Economist gives valuable hints on how to preserve resale value by intelligent planning to retard depreciation and obsolescence.

JOHN NORMILE
of "Better Homes and Gardens" names the three most important things to look for in windows and explains how to make them the key to charm in your home.

All this, plus a host of other fascinating ideas and suggestions in this new fact-packed book tell you things you should know before you build or buy a new house. Contains hundreds of valuable tips to help you avoid many common but costly mistakes, and to make your new home the envy of your friends.

NOT A CATALOG, but an authoritative 28-page book, beautifully illustrated in colors. Every section written by experts. A book every prospective home builder and home buyer should read now.

Mail coupon below for your copy today... while quantities last...

ONLY 50¢

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4356 Geraldine, St. Louis 15, Mo.

Please send your book "How to Get a Better Home with Steel Windows". I enclose 50c to cover postage and handling.

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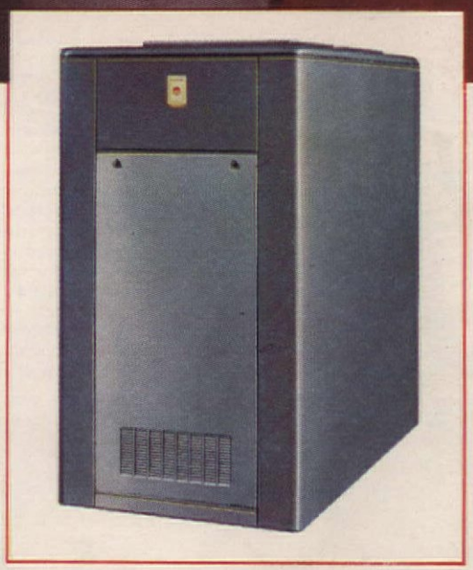
This symbol of quality guides you to the best in radiator heating and warm air heating, as well as winter air conditioning. American-Standard products cost no more than others and are available on convenient time payments for remodeling.



This Saratoga oil-fired Winter Air Conditioner is compact, smart, modern—and completely automatic.

LOOK FOR THIS MARK OF MERIT

FOR THE FINEST in plumbing fixtures, look for the American-Standard Mark of Merit. At left, Royal Hostess Sink.

NEW HOME BOOK *brings you the complete story of American-Standard Heating Equipment and Plumbing Fixtures—sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Write* **American Radiator & Standard Sanitary Corp.,** *Dept. A82, Pittsburgh 30, Pa.*

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Pard made a pard of my dog...

Dog owners, breeders and veterinarians acclaim Pard, the "one-dish dinner" that's got everything! That's because Pard's nutritionally correct formula is based on feeding studies, conducted by experts in Swift's research laboratories—*no additional meat is ever needed.* Get a supply of Pard now!

SWIFT MAKES PARD
rich in meat proteins!

books

Charleston by Robert Molloy, (D. Appleton-Century.) Price, $6.00. . . A leisurely, detailed, easy to read history of this city's good times and bad; of its churches and famous houses —and others not so famous, but worthy of being so; of its forts, harbors, and environs; of its gardens and plants. Too, it tells of its men and women, their arts, their speech, their ways, and their food. In it is much about the past, plenty about the present, and enough to give good reason for hoping that Charleston and Charlestonians will enjoy a long, happy future.

Standard Primer for Home Builders and Home Buyers by Kenneth Duncan. (Funk and Wagnalls Co.) Price, $3.50. . . A profusely illustrated book that sets forth clearly and specifically the information a prospective home builder or buyer needs to undertake such a venture competently and confidently.

The Art of Hooked-Rug Making by Martha Batchelder. (The Manual Arts Press.) Price, $3.75 . . . Besides being a great help to the woman who likes to chart her own hooked-rug designs, the book has, also, more than 150 patterns for borders and center designs, instructions for dyeing, hooking, designing, fitting the pattern to the rug, planning shapes and sizes of rugs, care of finished rugs, etc.

Architecture, An Art for All Men by Talbot Hamlin. (Columbia University Press.) Price, $3.50. . . A highly readable, fully illustrated book that gives the general reader an introduction to architecture today. The author's theme: that architecture is an art that, when intelligently understood, will provide the same pleasure as the understanding of painting, sculpture, music, or literature. Described: construction, relation between function and design, form, materials, etc.

Down to Earth by Eugene S. Hahnel. (Rutgers University Press.) Price, $1.75. . . A little book for people who think they want to take up farming, but have no real knowledge or experience. Its forthright presentation may prove to be a stimulus that can turn a gardener's dream into reality.

Begonias for American Homes and Gardens by Helen K. Krauss. (MacMillan.) Price, $4.00. . . An expert, scholarly, systematic, comprehensive discussion of a large, varied, useful group of long-popular plants. More than two-thirds of it, dealing with types and species, will be mainly of interest to specialists. The beginner will find, in its excellent step-by-step drawings, all that he needs to know about culture and propagation.

In An Herb Garden by Annie Burnham Carter. (Rutgers University Press.) Price, $2.00. . . The delightful, leisurely chronicle of a year in an herb garden and the discoveries and enjoyment derived from it. A charming book to read and to share.

FREE TO HOUSEWIVES !!!

THIS BOOKLET TELLS YOU HOW TO SAVE UP TO 39% ON GAS BILLS!

After reading this attractive, fully illustrated booklet, you will want to be sure your new gas range is equipped with the famous Harper Center Simmer Burners.

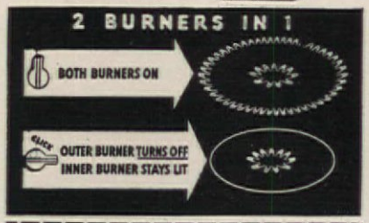
Eighteen leading gas ranges are equipped with Harper Burners. These burners are superior to all other top burners because each Harper burner is really *2 burners in 1.* As shown below, the big *outer* burner brings foods to a quick boil. Turn handle until it "clicks" and the *big burner* goes out, leaving only the small efficient *inner burner* lit to finish the cooking.

Enjoy These Advantages

Only the *separate* Harper Center Simmer Burner gives you the *controlled low heats* you need to keep foods warm for serving . . . to eliminate pot watching and boiling dry . . . to keep proper pressure cooker heat . . . to allow cooking with little water, which saves time and gas. Cooking with the tiny *inner burner* keeps the average kitchen 9 degrees cooler, and saves up to 39% in fuel. *Only* the Harper Center Simmer helps so much in your cooking!

Send for your copy of "Modern Methods of Top Burner Cooking." It is packed with information about making your cooking easier.

SAVE THE VITAMINS!
Cook with a single cup of water . . .



HARPER-WYMAN COMPANY AH-2
8562 Vincennes Ave.
Chicago 20, Ill.
Please send me the illustrated booklet, "Modern Methods of Top Burner Cooking."
Name_____
Street_____
City & State_____

We looked at all the neighbors' refrigerators before we bought—and listened. Only one was still silent and good as new after 18 years. So we picked Servel—and got every new convenience, too!

Stays Silent Lasts Longer

(because it freezes with no moving parts)

"It was a family on our street who showed us the Gas Refrigerator is *different*. While other folks' refrigerators grew noisy and troublesome, their 18-year-old Servel went on doing its job without a sound. Naturally, we looked into the Servel Gas Refrigerator. When we saw its wonderful new conveniences, too, it was Servel for us."

This story is typical. As more than 2,000,000 owners know, the Servel Gas Refrigerator stays silent, lasts longer because it freezes with no moving parts. It has no motor to wear, no machinery to get noisy. Just a tiny gas flame does the work.

Say Mr. and Mrs. Edward A. Neu of East Orange, N. J., "No moving parts certainly means silence and longer life. Our Servel is still running as well as it did when it came in 1929! We're mighty proud to show it off to friends."

CHECK FOR YOURSELF

- ✓ **A big frozen food compartment**
- ✓ **Lots of ice cubes, trigger-release trays**
- ✓ **Moist and dry cold for fresh foods**
- ✓ **Convenient meat storage tray**
- ✓ **Two dew-action vegetable fresheners**
- ✓ **Handy egg tray**
- ✓ **Flexible interior, clear-across shelves**

See the new Servels at your Gas Company or neighborhood dealer. (For farm and country homes, Servel runs on Bottled Gas—Tank Gas—Kerosene.) For free illustrated folder "Different From All Others," write Servel, Inc., Evansville 20, Ind., or if you live in Canada, Servel (Canada), Ltd., 548 King St., W., Toronto 1, Ont.

Pre-viewing THE STYLES WITH

Dorothy Cox

talented young designer for McMullen, gives a Spring fillip to the Gibson Gal trend with a gay shirtwaist and skirt outfit in exclusive Lonsdale cotton plaid. Like so many top designers, Miss Cox advises, "Starch all cottons with Linit."

This penetrating starch keeps washables lastingly crisp, resistant to muss and soil.

This is a dress you'll want to wear often. And do so, confident that each starching with LINIT* will restore the original finish of the blouse.

This superior starch is perfect, too, for lingerie, men's shirts, curtains, sheets, pillowcases—*all* cottons. LINIT makes them look and feel just like linen.

The cost is about $30 for this skirt and blouse combination, now on its way to America's smart shops. Cost of LINIT? Just a few cents...at all grocers.

LINIT...ADDS THE *finishing touch*

*Linit is a registered trade-mark distinguishing this product of the Corn Products Refining Company, New York, N.Y.

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hobbies

Royal Tone Photo Service

Button Gardening

Gertrude Salisbury

PLANTING button gardens is one of those hobbies that make you wonder why you ever started them. Then, it becomes so fascinating that you threaten to spend all your time at it. First, you collect materials—big coat buttons, pebbles, tiny cacti, lichens, and other plants, bits of moss, bark, wood and mirror, miniature figurines, etc. (Sometimes, after chasing all over town for some special item, you find just the thing in Junior's collection!) Also, you will need sand, soil, rubber cement or mucilage, and a pair of tweezers.

To start—a desert scene, for instance—cement a little rock to the button, then fasten a figure, such as a snoozing Mexican peon, against the rock. A little sand sprinkled on wet cement adds realism. From there, go on and develop your composition. An inch-tall cactus, in a pinch of soil glued to the button, will stay alive for months, if given a drop of water with an eye-dropper now and then.

From the desert-garden beginning you can progress to fairy tales, miniature still-life arrangements, shrines, mountain landscapes, and seashore scenes complete with beach, boat, and rippling waves (of glass or plastic). The only limit is your imagination.

By the time you have made several gardens you may have run out of figurines. So, you buy ten-cents' worth of modeling clay and set about making your own. Or you may use wire, yarn, and other materials. In time, you'll defy anyone to mistake the horse you made for a cow! If you run out of cacti or other plants, you hunt for more, or grow some, thereby learning new things about plant life.

Finally, come the garden clubs you are asked to talk and demonstrate before, and flower shows you are asked to exhibit at—until you wonder what you did with your time before you started making button gardens!

"I can't go!"

"Whyever not?"

"My hands are a mess. I ruined my manicure polishing silver."

"Silly girl—haven't you heard about Pacific Silver Cloth? It *prevents* tarnish!"

"You mean it keeps silver bright without polishing?"

"Yes—WITHOUT POLISHING! It keeps your clean silver bright indefinitely . . . saves so much time and work when you entertain!"

"Is it expensive?"

"Not a bit! Silver chests lined with Pacific Silver Cloth start at $5 . . . Pacific Silver Cloth wraps cost only $1.10, protect 100 pieces of flat silver."

"What do I ask for?"

"Ask for silver chests, wraps, rolls, bags and packets made with Pacific Silver Cloth."

"Where can I buy it?"

"At jewelry, furniture and department stores, in silverware, housewares and other departments."

If you cannot find items made of Pacific Silver Cloth, we shall be glad to send you the name of your nearest store.

PACIFIC MILLS, DEPT. Da, 214 CHURCH STREET, NEW YORK 13

"I don't care if there is a moon!"

When our friends Ann and Hal opened a ski lodge in Vermont, my husband and I scooted up. Such scenery! Such skiing! But when, after an evening sleigh ride, the boys wanted *more* skiing, I gave up. "I don't care if there *is* a moon," I said. "Me for bed!"

Ann brought up some apples, and purred while I raved. "It's perfect!" I said. "Fireplace—maple furniture—everything. I'm *green.* Why, you've even got *percale sheets!* Such extravagance!" Ann laughed. "These are Cannon Percale Sheets, pet. But extravagant? No!"

"Us innkeepers have to be practical," she explained. "Sure, these Cannon Percales are *dreams* for softness—to keep the guests happy. But you won't *believe* what they cost—not so very much more than heavy-duty muslins! Besides—they're bear-cats for *wear!*"

I'd have kicked myself if I hadn't had ski boots on. Denying myself percale's luxury all these years! Ann read my mind. "Go get 'em, toots," she said. "You'll love 'em. So fine-woven and light they even save money on laundering. Welcome to the Cannon Percale fan club!"

TRADE MARK CANNON

Cannon Percale Sheets

Cannon Towels • Stockings • Blankets ★ Cannon Mills, Inc., New York 13, N. Y.

COPR. 1948, CANNON MILLS, INC.

In the conventional 6-cubic-foot refrigerator—of the type you probably have in your kitchen today—you can store just this much food under refrigeration. Old-style design limits you to this amount . . . and no more!

In the new General Electric Space Maker, look at all the food you can keep under refrigeration. Actually ⅓ more! Yet this 8-cubic-foot refrigerator is almost exactly the same size *outside!* . . . fits the same kitchen floor space.

Look! ⅓ More Refrigerated Food Storage in the New General Electric Space Maker!

The new 1948 Space Makers are the greatest refrigerators General Electric has ever built.

Features that make the 1948 Space Maker the finest refrigerator ever!

- **Butter Conditioner**—Keeps butter at just the spreading temperature you want.
- **Big Freezing Compartment**—Holds 24 packages of frozen food, plus 4 ice trays.
- **Deep Drawers**—6 inches deep. Will hold standing roasts and two-thirds bushel of fruits and vegetables under refrigeration.
- **Bottle Storage Space**—Holds 12 square, quart-size milk bottles. Space accommodates the tallest bottles.
- **Sliding "hostess shelf"**—Convenient for chilling and serving desserts and salads.
- **Sealed-in Mechanism**—More compact, more efficient, more economical than ever.

Most important of all—G-E dependability

Your G. E. will give you superb refrigeration year after year—thanks to the famous General Electric sealed-in refrigerating system.

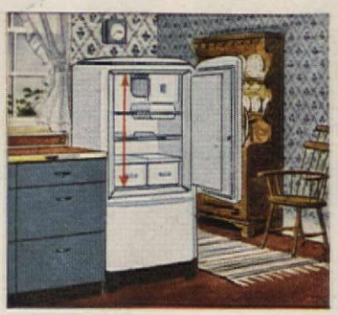
This *dependable* system now has one-third more freezing capacity, makes ice cubes 33 per cent faster, uses *less* current than the latest prewar systems.

See the Space Makers today at your General Electric retailer's. Wide selection includes both 8-cubic-foot and 10-cubic-foot models. General Electric Company, Bridgeport 2, Conn.

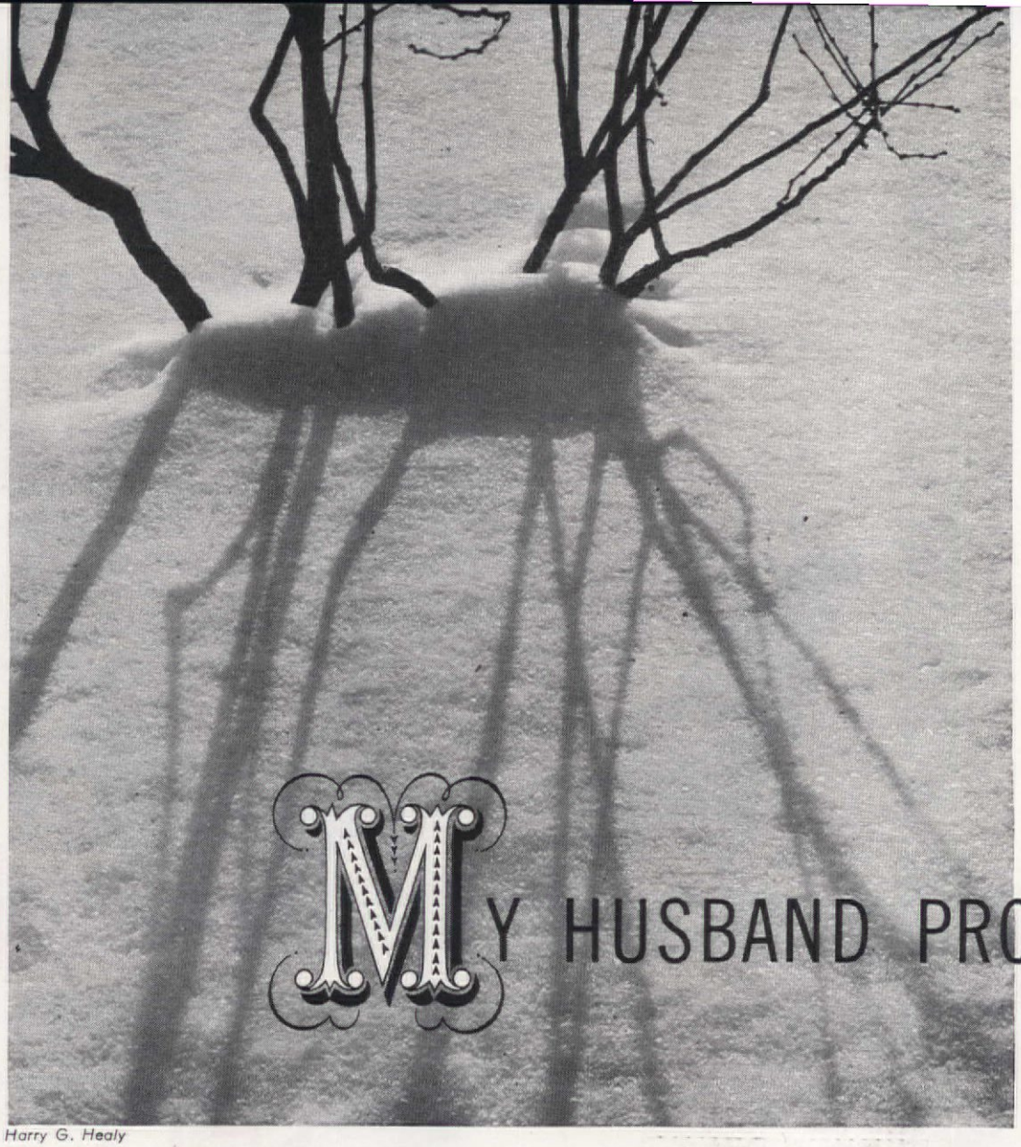
5-Year Protection Plan. Included in the price of every General Electric Refrigerator is a written 5-year Protection Plan. This plan consists of a one-year warranty on the complete refrigerator, plus additional four-year protection on the sealed refrigerating system. Your General Electric retailer offers you convenient payment terms on any model you select. Ask him for details.

More Than 1,700,000 Refrigerators in Service 10 Years or Longer

GENERAL ELECTRIC



Notice how the new General Electric 8-cubic-foot Space Maker fits in the same floor space as the old-style 6-cubic-foot model—*yet gives you one-third more refrigerated food-storage capacity!*



Harry G. Healy

MY HUSBAND PROCRASTINATES...

Marie Rotte

THE wit who so cleverly rephrased a famous old maxim to read, "Never do today what you can put off until tomorrow", must have had more than a nodding acquaintance with my man. Generally speaking, this husband of mine is a warm-hearted, lovable sort of guy, blessed with a generous nature. He'll do anything you ask him—if you can wait that long!

There was once a time when a wobbly-legged chair, a leaky faucet, a frayed lamp cord, and other such household trivia received immediate attention, but that was before the handy man at the little corner "fix-it" shop moved away.

Now, I don't mean to imply that my man is lazy. Perish the thought! Many times he has practically worn himself out, driving and chipping and putting that little white golf ball around a nice soft, grassy course, and has arrived home in a state of collapse. At that point dare I mention—again—those screens that need to be installed?

There's no doubt about it though, my man is a genius. Take the evening I was so bold as to ask him to hold a hank of yarn for me while I wound it into a ball. (Wouldn't you think years of marriage would have given me wisdom?) "Be glad to," he lied glibly, "just as soon as I carry out the trash." He meant last week's trash, of course, since we've never quite been able to keep our trash disposal current. By the time the trash was finally disposed of, he had an idea for a yarn winder and was dreamily making a sketch of it. "Hold off winding that yarn until tomorrow, Hon," he said, "and I'll have this little gadget whipped up for you. Slickest thing you ever saw." And it is, too. Yes, I have one now. I happened to show the sketch to my young nephew several weeks later, and he made one for me, with little exertion, in his manual-training class at school.

We all know that men are children at heart, and several times I have successfully used that old child-psychology dodge of offering two or more items to choose from. Once it was vacuum cleaner vs. lawn mower. But mine is a canny fellow. He fixed the vacuum cleaner, with the side comment that he would have Chuck, who lives next door, take care of the lawn for him until he could "get a few minutes" (standard alibi No. 1) to fix the mower. So that's off this year's agenda, unless Chuck or his trusty mower break down.

Occasionally, I get that "Why-don't-you-give-me-all-this-stuff-at-one-time?" stall. Of course, I could go around and disrupt the gadgets deliberately so they would be ready for repair simultaneously, but that would be silly, wouldn't it?

Once, when the cord on the electric iron was showing definite signs of strain, I waited until my man had finished cleaning and oiling his electric razor—the one piece of equipment in our house that always is in perfect condition. "Dear," I ventured in my most now-is-the-opportune-time voice, "while you have the tools out, would you mind fixing this electric-iron cord?" He tested it with a nonchalant tug, then tossed it back with, "Why, that cord's still good as new. Last you another year." Naturally, the next time I ironed there was a weak sputter-sputter, and the cord ceased to function. Deciding to fix it myself, I dashed down to the basement for a screw driver and came back to tackle the job. When I had the plug apart, I found several of the wires in pieces, so I took the scissors and cut the rest of them. Crash! Bang! There was a loud p-f-s-s-t! The blades of the scissors dropped off, the plug flew out of my hand, and I was stunned silly. When my senses returned, I found I had forgotten to pull the cord from the outlet, and I had been working with live wires. Now I know why they are called *live* wires. They absorbed enough juice from my nervous system to keep them charged for quite a while. It was quite a while, too, before I could straighten out the kinks in my chassis and walk without an apish stoop. For some time after that, a week or two at least, the little odd chores were given preferred attention. Really, though, I can't say that I care much for that particular brand of shock treatment.

IT isn't easy to differentiate between them but, actually, my man has several speeds. The fastest is a dawdle, but that's reserved strictly for emergencies, and it's not at all enjoyable—to him, at least. Personally, I can't say much for any of the other speeds, either.

I gather from what my friends say that procrastination is a trait common to most men, and I, for one, am heartily in favor of inaugurating an Anti-Procrastination. . . . Do I hear someone calling? Excuse me a minute, please!

"What did you say, Dear?" . . . "Well, now, that certainly can't be true. I know for a fact that you haven't asked me more than three or four times to darn those socks. Are you sure you can't find just one pair that doesn't need mending?"

Now, what was it that I was saying? Oh, well, maybe we'd better just forget the whole thing.

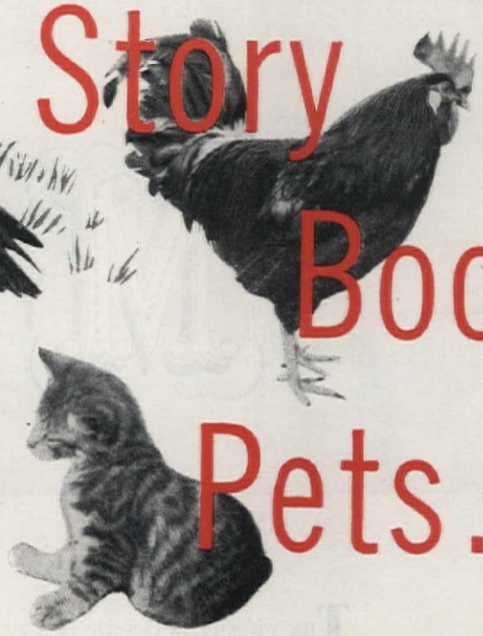
BAA, BAA, BLACK SHEEP

Kittens and lambs, pigeons and piglets delight the young at famed Children's Zoo, proving once again that children and pets are a happy combination. Are you denying your youngster the satisfactions only a pet can afford?

Story Book Pets..

Deacon the Crow, a wise old bird of 7 years, likes the Zoo so much he's never tried to fly away. He's given to flirtations with little girls

THREE LITTLE PIGS



THAT most children have a natural affinity for animals and birds is an old truth borne out by the popularity of the Children's Zoo in famed New York Zoological Park. Here, on sunny spring and summer days, hundreds of children gather to admire a galaxy of pets, and gleeful chuckles and wide-eyed "Oh's" express enthusiasm for a crow that talks, a kitten that miaows, a goat that bleats.

A storybook come to life in woodland surroundings, just 45 minutes by subway from raucous Times Square, this very special zoo is notable for its pint-sized facilities and exhibits planned especially to please the young. Children may see—and even pat, if they wish—a "Baa, Baa, Black Sheep," "Three Little Pigs" from real life, the fabled "Hare and the Tortoise." Mrs. Guinea Pig and her brood present "Blessed Event," and a tabby and her kittens give their own interpretation of "Ding, Dong, Bell!" There are more than 150 pets all told, and for many youngsters the Zoo is a first introduction to animals and birds they have met only in their picture books.

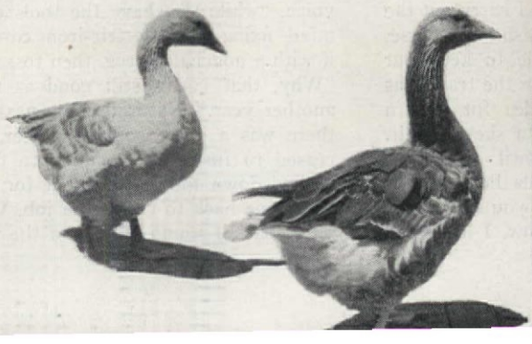
Foster mother to inmates of this modern Noah's Ark is Mrs. Corrine Johanson Dalsgaard, the young and at-

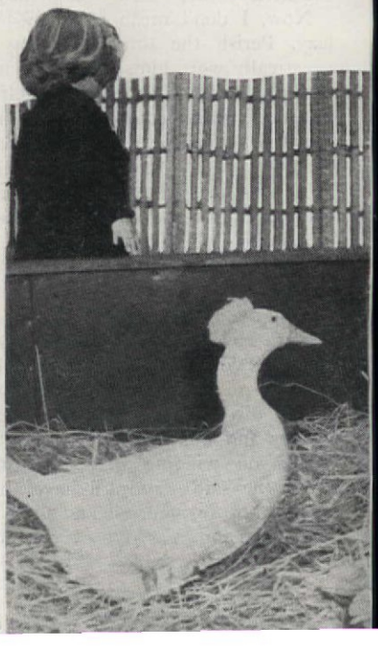
Honk and Tonk, just plain geese, survey lordly powderpuff duck twins as they waddle grandly in the ring. Under supervision of Zooperintendent, children learn to know and admire chickens, lambs, and other pets

Petunia, a 6-year-old "sprayless" skunk, warms to an admirer. Popular with children of all ages, she has a sunny disposition, loves to be fussed over, has a passion for caramels

THE HARE AND THE TORTOISE

Drawings by Leonard Weisgard





tractive Zooperintendent who has a way with pets—and with children, too. Under her protecting wing, the most timid child soon learns that a lamb is not frightening in spite of its size and that a duck that quacks is soft to touch. More often than not, Junior winds up his first visit to the Zoo by expressing a heartfelt desire for a pet of his own.

In agreement with child-study experts and psychologists, Mrs. Dalsgaard believes that pets are an important part of growth and development. "A trip to the Zoo," she says, "is often, for discerning parents, a demonstration of the emotional satisfactions only pets can afford. I do feel that every child should have a pet of some kind—no matter how small—to love and care for."

Although Kilroy the Llama (the Zoo's only really exotic animal) would be out-of-place in the average back yard, most of the exhibits would make fine pets, the choice depending on a child's inclination and the time and space needed for proper care. While some require outdoor living quarters and acreage for browsing, others would fit smoothly into small-home or apartment life. Kittens, popular with children of all ages, are easily cared for in a confined area, and smaller creatures, such as goldfish and small turtles, are interesting and need very little care.

Less conventional but perhaps more imaginative pets are guinea pigs, rabbits, chickens, goats, ducks, geese, lambs, pigeons—even white mice, skunks and crows, if parents don't balk at including them in the domestic circle. Mrs. Dalsgaard herself is partial to bantam chickens which, she says, are the friendliest of creatures and very easy to train. The Zoo chicks, raised from eggs, recognize her voice and will sit for minutes at a time on her outstretched hand.

Children and grownups, too, often ask why "man's best friend" is not represented at the Children's Zoo. "Dogs are so difficult to confine and need lots of space to run," Mrs. Dalsgaard explains. "However, most children adore them, and I do think they make admirable pets."

In acquiring pets, perhaps the most important thing to remember is to get them when they are young—if possible, when they are babies. Youngsters are easier to train than older animals, and they adapt themselves more readily to domestic life. It is always wise to consult a local veterinarian for explicit instructions as to diet and care. Also, in some states, certain animals are protected by wild-life conservation laws, so make sure you're not violating the law when you adopt a creature that's been hovering near your doorstep or perching on your window sill.

Rearing pets is not so difficult if you remember to treat them like human beings. Mrs. Dalsgaard calls each of her charges by name, understands its personality and individual quirks. "Animals are just like people," she says. "They thrive on good food, need to be kept clean, and respond to kind treatment and affection."

Assisting with the care of a pet will afford Junior all kinds of satisfactions and will help him develop into a responsible adult. But don't expect him to take full charge of the job, especially in the early years. Not until he is well along in school can he be relied upon to handle the details without parental supervision.

So, whether it's a kitten or a puppy, a lamb or several goldfish in a bowl, why not make your child's life more complete with a pet of his very own? A pet will bring him close to nature, and he'll have a companion to talk to when his world goes wrong. Pets *are* worth the trouble of their care.

Goats make adorable playmates in spite of idiosyncrasies. This one pilfers ribbons from unsuspecting young ladies—and then chews them!

LUCKY THE CHILD WHO OWNS ONE!

Bre'r Rabbit is easy to keep if he's provided with a dry shelter and sufficient rations

For all-round popularity you cannot beat small, cuddly kittens. They're always lively and interesting, and adapt themselves to any household

Ruth Davis

Photographs by Elizabeth R. Hibbs and New York Zoological Society

We Made Our Garden One Terrace at a Time...

Ruth Cross

For me, getting a New England farm meant mostly just one thing: At last, I could have the garden I had dreamed of all my life. Behind me, there was, to be sure, a trail of gardens from California to the Atlantic seaboard, but all had been makeshifts—sometimes merely a pot of ivy in a window. Now came the great moment, for which my study of catalogues, and the planning of beauty spots on paper and in my imagination, had been but a prelude.

Yet for two more years I had to bide my time, contenting myself with annual beds dropped helter-skelter wherever there was a cleared spot big enough for one, and with a coldframe full of slips and seedling perennials being grown on for that eventual masterpiece. For there was a house to be rebuilt and countless other urgencies. Also, I wanted the garden at the rear, one we could live in and eat in, with a valley right in its lap and a splendid range of hills beyond. And there wasn't any rear! Just another hill that pitched off at an angle of thirty-five degrees.

"Terraces and retaining walls cost money," objected my busy co-worker when, at last, I got his ear and his undivided attention.

"Then, why not do them on the installment plan? I don't mean pay for them that way, but build one terrace at a time. The first won't be much of a job. And maybe next year—or the year after—we can do the second." (Actually, I visioned a trinity of terraces, framed in evergreens, flanked with billowing masses of dogwood, forsythia, and lilac; with flights of stone steps, and rock plants cascading over gray rock walls. But it seemed safer to keep Number Three under my sunbonnet for the time being.)

Well, we did the first terrace ourselves, with shovel and wheelbarrow. Luckily, stones for the wall and plenty of earth fill were close at hand. But first we built the plain, 12 by 4 ft. concrete pool that we had both set our hearts on. This main feature of the upper terrace centered on plot and house. We piped water to it from a gravity-flow spring and provided a simple fountain spray in the middle. Next, the retaining wall was laid up dry, with sedums and many another trailing beauty tucked into the pockets of good earth between the stones. Along the top an 18 in. wide border was planted with daphne, bouncing Bet, creeping veronica, etc., with scillas, crocuses and dwarf irises wedged into any remaining cracks. White trellises, thrown out from the house at the back, screened our 75 by 26 ft. sanctuary from the road, and hedges of native hemlock, obtainable for the "digging and toting," bounded us on the north and south. For privacy is of the essence in a garden intended as the climactic room of one's house and, incidentally, the spot for a quiet dip or sunbath, unharassed by intrusions of laundrymen or meter-readers.

A locust tree some twenty feet north of the pool and a cut-leaf maple on the south, would provide shade fairly soon. At the north end of the terrace, a wide, semicircular border followed the curve of the hedge. Since there was already considerable shade here from a bevy of apple trees on the northeast, we planted it mostly with native maidenhair ferns, primroses, lily-of-the-valley and forget-me-not. At this end, too, handy to the porch and the kitchen door beyond, we placed our homemade table and folding chairs that would do until we could achieve better.

On the south, we put a wide border of mixed perennials. The foundation plantings of native evergreens and old-fashioned pink peonies, with akebia vines at the west end of the porch, completed the frame for our central composition of white pool and emerald turf. Japanese irises at one corner of the pool and an ancient pickle jar overflowing with pink ivy geranium, diagonally opposite, were added in the spring. By late October, Unit One was planted to the last tulip and lily bulb. What a day it was when we moved the precious perennials from the coldframe into their permanent homes in our own garden! Quantities of lilac and mockorange to form the embracing shrubbery masses were rescued from ancient thickets in the front yard; also many peonies. Besides hemlock, we had, from the woods round about, juniper, laurel, pink azalea, barberry, even a few dogwoods and rhododendrons. Some shrubs and perennials and the bulbs were bought.

The soil, friable to start with, had been deeply worked, and enriched with manna from stables and chicken houses. With the coming of spring, a veritable avalanche of bloom repaid so lavishly every dollar and every stroke of work we had invested, that we fairly quivered to get on with the second terrace. But neither zeal nor a wheelbarrow would do. Here a man and team would be needed for several days, so it was two years before we found the time and spare cash to tackle it. Even then we cut the cost by shortening this terrace ten feet at each end and planting the resultant niches to evergreens and flowering shrubs. These served both as a windbreak and to frame our new 56 by 16 ft. terrace picture; also they directed the eye toward the magnificent western view. Here, flower borders, deep and curved at the ends, straight and shallow at the sides, surrounded a central grass plot. Stone steps north of the pool were guarded by feathery Pfitzer junipers. A white curved bench to the southward was flanked by slim, pyramidal arborvitaes. With this terrace, as with the first, we knew pretty well where every plant was to go. Design, color schemes, succession of bloom—all had been mulled over many a winter night or snowy afternoon. (And, truly, what better can life hold than to sit amid catalogues before a great fireplace, drawing plan after plan until one finally realizes one's heart desire?)

The final result, drawn to scale on a large piece of cardboard, was lugged to the garden and propped up before me as I planted. What relief to know exactly where that bleeding heart belonged and those madonna lilies. Even so, as in any work of art, there was plenty left to the grace of God and the inspiration of the moment. Color harmonizing was comparatively easy. All shy and shrinking mauves, pinks, and salmons went on the upper terrace nearest the house; all noisy reds and oranges on the lower level. Each season had, of course, its own little symphony. The upper terrace might, for instance, be all lavender and gold in early spring, forsythia, pansies, crocuses and daffodils setting the pace. In June, it might be pink, white and blue; in midsummer, rich salmon, straw yellow and indigo, and in autumn, bronze, violet, and yellow.

A "planned economy" our garden had to be, for practically every stroke of the maintenance devolved on me. Rare sport and grand exercise, of course, but why let a joyful hobby turn into a nightmare of hard work? Ample grass spaces, plenty of shrubs and evergreens, bulbs and perennials as nearly hardy, pest-free, drought-resistant as possible, and also nonsuckering and not too rampantly spreading, appreciably reduced the necessary labor. Mulches to conserve moisture and keep down weeds, good tools close at hand, and convenient watering arrangements also helped. Annuals raised in hotbeds for "bedding out" spell work, but phlox, petunias, ageratum, nigella and many others that self-sow happily year after year put on our big midseason show.

From April to November this garden is literally ablaze with most of the hues of the rainbow; a delight to eye and nose, and refreshment to the soul, as the fountain tosses beads of silver spray into the pool. But in winter, too, when the evergreens mantle themselves in ermine, and sprays of bittersweet and a dozen other berried things peer bravely out from the white drifts, it is hardly less colorful and dramatic.

I doubt if any artist working in oils or crayons could feel a keener zest than we derive from this genre painting done in living pigments. The garden stands for friendship, too. So many things in it were gifts, and from it so many other gardens have had their beginnings. It means inspiration for other work, rest, comfort in hours of trouble; it is a place for deep meditation, and, above all, peace. Within its green, flowery closes, discord and conflict seem fantastic. Occasional moles are the sole disturbers of our serenity.

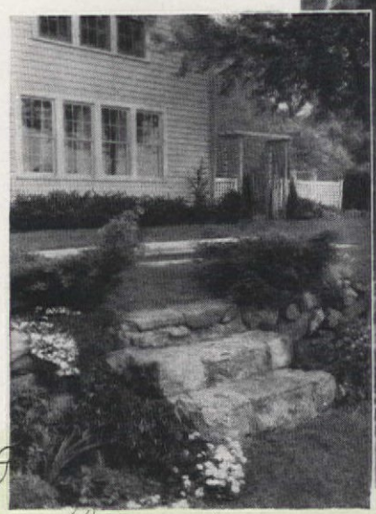
The account sheet for making and planting the two terraces, aside from our own work, stands about like this:

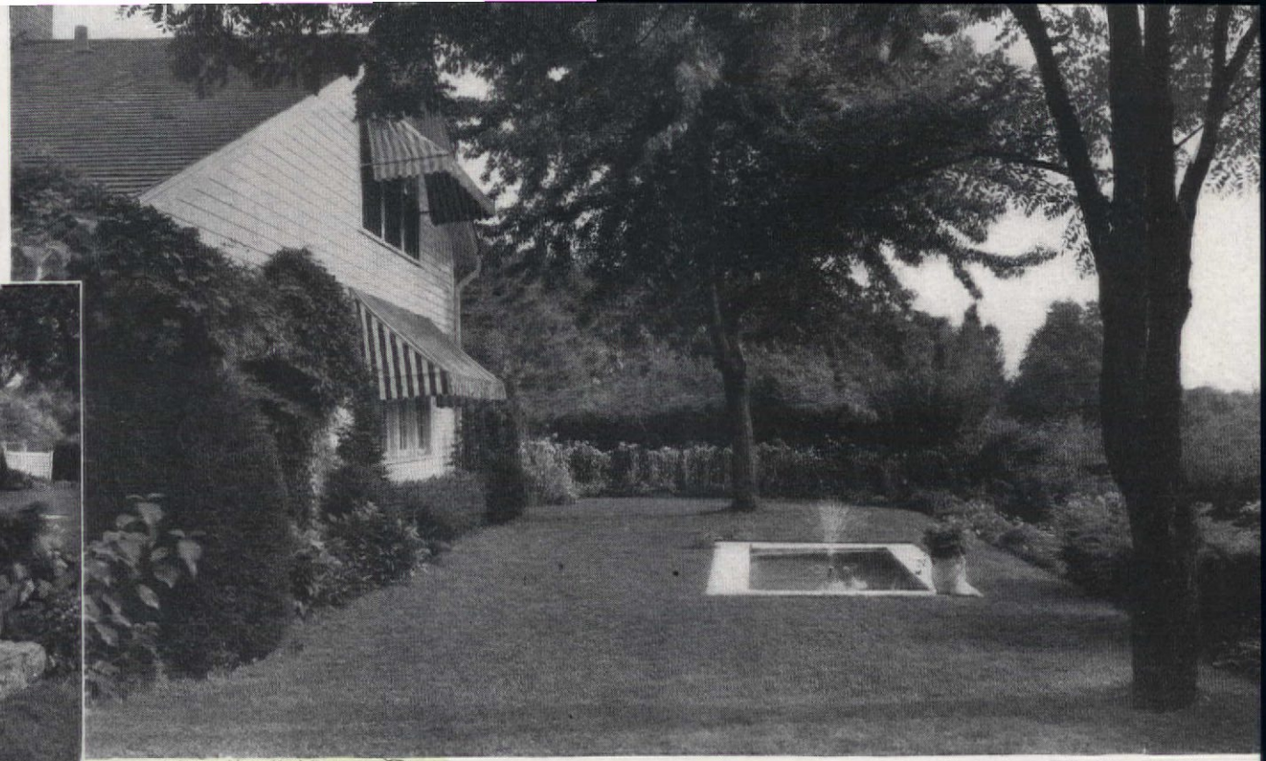
Teamwork for second terrace	***$ 50.00***
Pool, including piping	***13.50***
Sand and cement for seat	***.50***
Evergreens and shrubs bought	***16.00***
Perennials, bulbs, seeds	***20.00***
Total	***$100.00***

Think of it—hardly the price of an overstuffed chair! And *you*, owning, perhaps, a team or tractor, might lop off $50 right there.

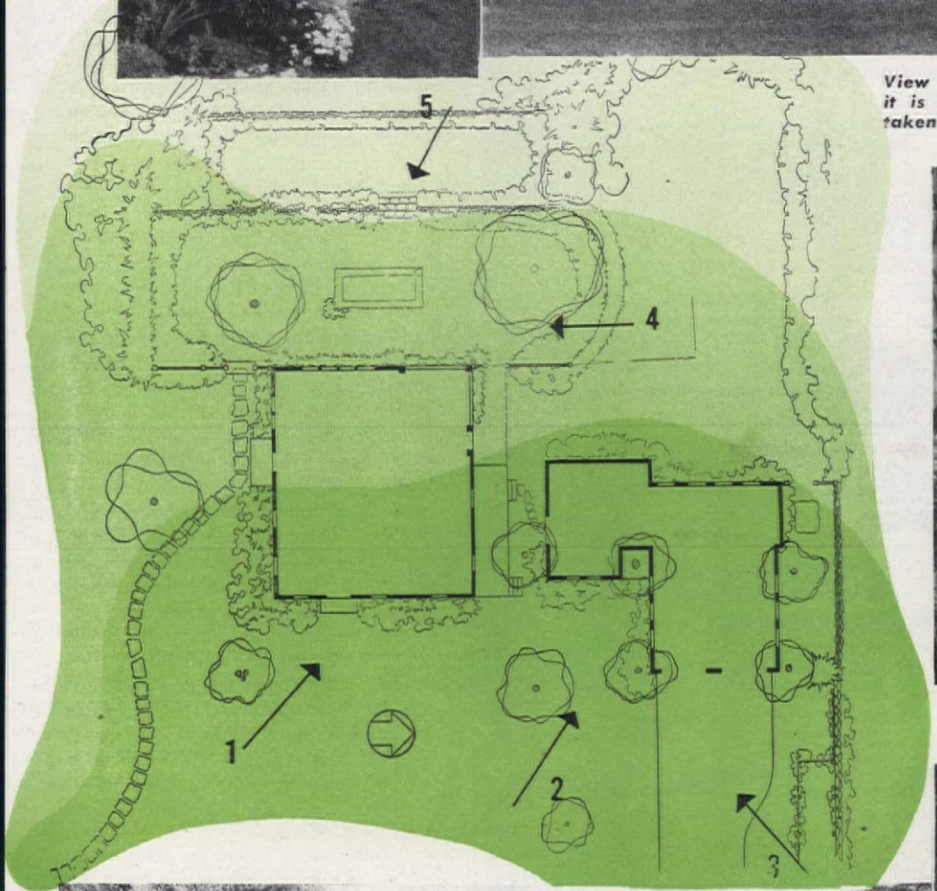
Now that third terrace lures us. A flattened semicircle, embowered in shadblow and spiraea; with wide, stone steps, a third wall foaming with cerastium and bouncing Bet, and another pool fed by the overflow from above. Perhaps by another spring our instalment plan garden will be an accomplished fact. But finished? Never! For therein lies the eternal charm of any garden.

Photographs by
Harry G. Healy (1, 3, 4, 5)
and Gottscho-Schleisner
Plan by Sigman Ward





View of first terrace, in direction of arrow 4 on plan, where it is indicated by medium tint. Arrow 5 identifies view at left, taken from second or lower terrace, shown in lightest shading



The house and lawn as seen from the north (arrow 3), beyond the driveway, pergola, and dry retaining wall

Preliminary gardening, before terraces were started, is shown on plan in strongest color. It included lawn and house setting (arrow 1), and foundation planting (above and arrow 2) for garage-studio, built around an old apple tree

Lieutenant Andrews preferred to bring home

Treasures Instead of Useless

Faith, Hope, Charity prints, English 1797

JOE Watson, designer, and Louis Andrews, who served as a lieutenant with the Medical Corps in England, Belgium, and France during the war, have made their apartment a personal and interesting home by collecting, during the past years, all the things that have gone into it. Collecting had become a hobby with them, so it was only natural that when Louis Andrews was serving overseas, his discerning eye should seek out and revel in the many lovely old things he saw. Unlike so many of the boys who sent back only trophies and useless articles, Louis spent hours looking for, and all of his spare cash paying for, the rare treasures he sent home. Luckily, he says, only two pieces were broken in shipping. Most of the things he bought are pictured here. From a secondhand store in England came the coal hod, with its original dull black paint and gilt decorations still in excellent condition (page 23). Another find was the beautiful inlaid-mahogany liquor box, with its dainty etched glasses held in place by delicate brass holders, which was found in Belgium.

A biscuit box of sterling silver (page 24) was a doctor's gift to another doctor "for services rendered", according to the inscription on it. The date on it is 1866. The box was made in England as was the Sheffield vegetable dish, in the same picture, which can be made into two dishes.

Perhaps the most prized or, at least, the most extravagant bit of collecting was the Royal Meissen dinner service (page 24). Louis' family had left him several pieces of this favored china in the Onion pattern so, when he found a collection of it in Belgium, he bought enough of it so that, by adding to the pieces he already had, he had a complete dinner service for twelve. "Each piece has its story and memory," Louis says. For instance, the brass lamp on the table in front of the living-room window was uncovered in an ironmonger's secondhand store by his Major. The Major died, but he has this memento of him. A Victorian-hand glass vase, not shown on these pages, was admired many times in a small shop in Belgium, but it was "not for sale." However, the day after VE day, when Louis stopped by, the proprietress wrapped it up and, with a grand smile, handed it to him.

The apartment housing the collections of these two men is not large, but thoughtful planning and arrangement makes it adequate and colorful. The living room has walls and Venetian blinds of a bright dark green. A plain, neutral broadloom rug covers the floor. Built-in bookshelves

Photographs by F. M. Demarest

Louis Andrews and Joe Watson in living room look at October pages of The American Home in which Joe's painted designs are shown. At right, corner of the back room that doubles as guest and dining room with drop-leaf table on opposite wall

Mary E. Monze

Souvenirs...

hold a collection of precious first editions.

Draperies are brown, with yellow and green predominating in the pattern. One fireside chair is in a beige satin, the other in a soft rose-and-beige stripe. Rose quilted satin covers the wing chair. These comfortable chairs and the handsome Victorian secretary are the main pieces in the room. Above the mantel hangs a steel engraving of Benjamin Franklin at St. James Court. The ruby glass lustres (shown on this page) decorate the mantel shelf.

Old black-and-gold tea canisters serve as lamp tables beside the love seat, and the lamps of black and gold have marbleized shades in these colors. Grouped above the love seat is a pair of colored engravings with tinsel decorations called, "Elements of fire and earth", a map of Genoa, Italy, and miniature pictures painted on glass.

Green was the favored color for walls in one bedroom, too. The old, maple spindled bed is a rare one. Original ropes are still intact and hold the present springs. A chestnut bureau top has a pair of classical heads mounted on ebony stands and a Sheraton tea caddy of mahogany. An old-fashioned washstand of maple is used for the bedside table.

The back room, shown at bottom of page 22, has sunny yellow walls and hooked rugs on the floor. A sofa cover of red is hand woven. Maple chairs, washstand, and shelves of books make an interesting corner. The top and third from the top shelf hold beautiful specimens of lustre and miniature pink and copper lustre pitchers. Notice how well the "Faith, Hope and Charity" prints fit the wall space above the couch. A drop-leaf table, chairs, and an old Pennsylvania Dutch sink of chestnut complete the furnishings of this attractive room. This sink, shown in the photograph at lower left-hand corner of this page, displays more lustre and imposing Staffordshire figures of Shakespeare, Queen of England, and Prince of Wales.

Across from the fireplace in living room, old tea canisters flank love seat, serve as lamp tables

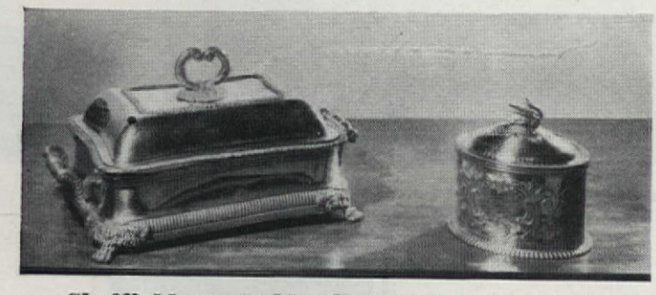
English ruby lustres and a plaster figure which started the collection

Inlaid-mahogany liquor box

Tole coal hod from England

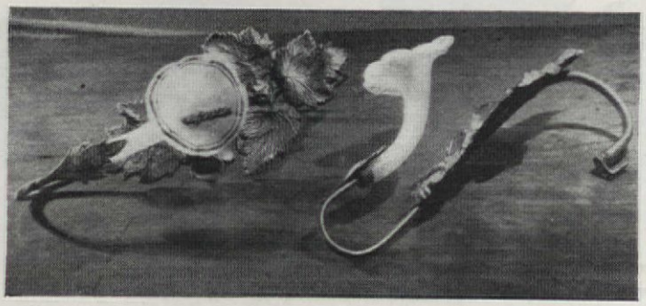
Bedroom has chestnut bureau and maple spindled bed with urn finials. Far left, an old Penna. Dutch sink has Staffordshire figures and lustre pieces

Second bedroom has yellow walls. Low post bed, mahogany chest, walnut tea caddy and candlesticks are very valuable additions



Sheffield vegetable dish and a silver biscuit box were gift to a doctor; they are engraved "for services rendered". Made in England, 1866

Beautifully designed Bristol glass-and-brass curtain tiebacks were found in Belgium



Seen below, a few pieces of a rare Onion pattern Royal Meissen dinner service for twelve. The china was purchased in Belgium

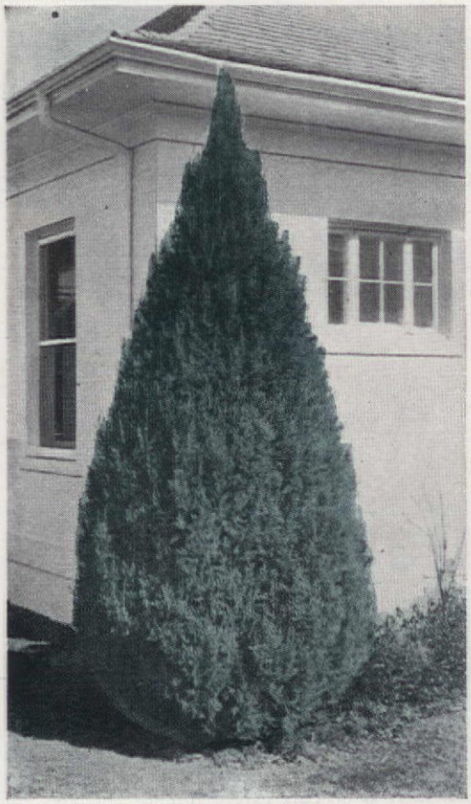
Characteristic of the true firs which have flat, blunt needles borne singly along the stems, and erect cones that mature in one year, is the "incomparable white fir". Of stately, conical form, it is one of the handsomest of trees, and as adaptable as it is popular

Now, These Are

ANY conifer that survives on the east slope of the Rocky Mountains is tough. It has to be. Seldom are more trying conditions found. Temperatures that regularly drop 20 to 30 degrees below zero, a thin atmosphere through which burning sunrays pour, altitudes of 6,000 to 12,000 ft. above sea level, an annual precipitation averaging less than 14 inches, continual winds, an alkaline soil—all these are normal in this region. Hence, most of the native evergreens of Colorado and Wyoming are hardy anywhere, from California to the British Isles. The spectacular, almost ubiquitous Colorado spruce (*Picea pungens*), the popular Colorado species of the common douglasfir (*Pseudotsuga taxifolia*), the incomparable white fir (*Abies concolor*)—these trees are famous the world over. But other natives of this area are just as sturdy, though perhaps not so widely known and, therefore, less generally used than they should be.

The limber pine (*Pinus flexilis*), tough western cousin of the eastern white pine (*P. strobus*), comes from bleak mountain tops; it is picturesque in adverse situations, magnificent under favorable conditions. The largest evergreen of the area, it sometimes attains, with the centuries, a trunk diameter of more than six feet. But cut back its "candles" each spring, and a growth as compact as that of the Swiss stone pine (*P. cembra*) results. When selected, symmetrical, nursery specimens are bought, the slow-growing Colorado pinyon pine (*P. cembroides edulis*) furnishes the medium-sized evergreen so often desired. For color contrast, get a lodgepole pine (*P. contorta latifolia*) and keep it full and compact by docking it annually. Its brilliant yellow-green against the blue-green of a douglasfir, or the gray-green of a ponderosa pine, (*P. ponderosa*) will win favorable comment. And, given sun and good drainage, the ponderosa pine is just about indestructible. Try it, where a large tree is wanted.

The oneseed juniper is green (or sometimes silvery), coarse, and branching, even given to scragginess, but that it responds well to shearing, is shown by this formal hedge



Junipers have berry-like fruits and needles that are either sharp-pointed (in threes) or scalelike — as in this Sutherlands Rocky Mountain juniper

The slender needles of pines range in length from 1½ to several inches and grow in bundles of from two to five. On this specimen of the limber pine (one of the five-bundle type) the shoots or "candles" are just ready for the annual spring docking that keeps it compact and shapely

Really Hardy Evergreens!

Robert E. More

In the smaller trees, the variable Rocky Mountain juniper (*Juniperus scopulorum*) crowds its cousin, the eastern redcedar (*J. virginiana*), for popularity. Try some of its famous-named grafts, such as Gray Gleam, Sutherland, Moffet, Hill Silver, or Emerald. Or, if a spreading plant of the Pfitzer type is wanted, try a "Table Top" Rocky Mountain juniper, or Chandler's Parki. The rugged, prickly oneseed juniper (*J. monosperma*), if left untrimmed, makes a splendid, informal hedge, or it can be sheared into a formal shape. The equally rugged and prickly mountain common juniper (*J. communis saxatilis*) provides a plant that will stay less than 24 in. tall; in a north or east exposure, it will not turn brown in winter.

Wyoming offers the best all-purpose creeping juniper there is (*J. horizontalis "Wyoming"*), a tough, slow-growing gem that will supply the touch of winter color needed in every rock garden. It is happy in complete shade, will send out attractive trailing shoots, if unrestrained, or will form a low, compact mound, if its tips are sheared annually.

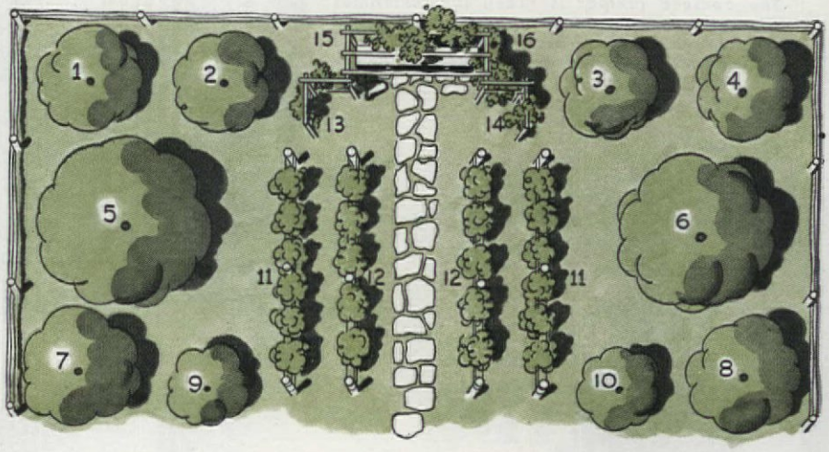
These trees have few pests. The Rocky Mountain juniper, like the redcedar, must be sprayed regularly for aphis and red spider. A Colorado spruce, if near a douglasfir, may need to be sprayed for spruce gall. Protected by these routine prophylactics, they will, ordinarily, take care of themselves under all conditions. Why don't you try them?

CONSIDERING how little regular care evergreens need, says **Thomas Powell**, of New York, probably no other kind of plant is so often and so completely neglected. Of course, proper selection of material and careful planting are equally important. In general, use slow-growing, hardy sorts rather than quick growers which often, with age, lose much of their beauty. In advance of planting (which is best done in late summer or early spring), add plenty of rotted manure or humus and bone meal to the soil. Disturb the root ball as little as possible, set the plant the same depth it stood before, firm the soil carefully around the roots, soak the ground thoroughly, and repeat as often as necessary to maintain a supply of moisture until the plant is well established, or until the ground freezes. The drying effect of winter winds is worse than severe cold.

Thereafter, evergreen care is a three-season program. In *spring*, feed, prune lightly and, if necessary, cut away competing roots of near-by trees. In *summer*, cultivate, then mulch the soil, trim overlong growths, rinse off the foliage occasionally, and spray or dust for specific pests as discovered or suspected. In *fall*, add to the mulch, provide a windbreak for plants of questionable hardiness, and tie or prop up branches that might be damaged by heavy snow loads. As to details, you can trim the roots of encroaching trees by cutting straight down with a heavy nursery spade a few feet outside the branch spread of your evergreen. Feeding is important, but it is often overdone. Don't use more that 2 lbs. of a commercial fertilizer per 100 sq. ft. at any one time. Apply it evenly on top of the winter mulch, and let the rain wash it down to the roots; it also helps decompose the mulch. In giving a spring "haircut," maintain a natural shape; merely cut back precocious shoots, don't shear the whole plant. Summer pruning helps induce bushy growth. A summer mulch retains moisture, prevents weed growth, and keeps the soil cool. Pine needles are excellent and can be supplemented with leaves in the fall. A rotenone dust in a sulphur carrier applied twice a month (when plants are dry) is good health insurance. A good winter mulch, five or six inches thick, can be kept in place with branches or old boards. If you don't like to tie up your plants for winter, knock the snow off them promptly after storms.

This plan includes eight kinds of fruits (in 16 varieties) good for a fresh supply from July to October, plus some for canning and storing. Cost of plants, $30. . . . Below, Charles Mockbee tying up the Concord grapes in his California garden

Robert C. Cleveland



Thomas Powell

...30 by 60 Feet It's All You Need for an Orchard!

"I SHOULD grow some fruit? Where? I thought an orchard and berries needed a lot of room. Also, it costs a lot to care for them, doesn't it? And I'd have to wait years for them to bear, wouldn't I?"

If those are your ideas about home fruit growing, they're all wrong. Look at the plan above. First, or plant cost, about $30, for results both productive and decorative. And, as to waiting, you can buy varieties and trees from which you can harvest a few apples and peaches within two or three years. Bush fruits bear even sooner. And if you can't wait that long, add some strawberries and pick a crop next year. The varieties listed hereafter ripen at different seasons, making your harvest continuous and varied. But consult a local nurseryman, your county agricultural agent, or your state experiment station as to whether other, possibly newer, kinds may be better for your particular soil or climate. The best time to start such a fruit garden is in the spring, as early as the soil can be worked. So select and order your plants right away.

Four dwarf apples (1-4) on either side of the grape arbor, set 8′ to 10′ apart, will provide dessert apples from midsummer to late fall. A tree in full bearing should produce about a bushel. Good varieties, in the order of ripening, are: Early McIntosh, Gravenstein, Wealthy, McIntosh, Cortland, Baldwin, Golden Delicious, and Rome Beauty. Dig a hole large enough to take the root system without crowding; set tree with the graft union just above the ground, and firm the soil well as the hole is filled. Apply stable manure or a fertilizer, rich in nitrogen, liberally every spring; then cultivate soil, and mulch.

Two peaches (5-6) about 10′ in front of the apples. Two of many good varieties are Valiant and Halehaven. For growth and quality crops, apply nitrogen-rich fertilizer in early spring.

One sour cherry (7). Nothing better than Montmorency or English Morello for pies and preserves. For a healthy and long-lasting tree, specify one grafted on Mazzard root stock.

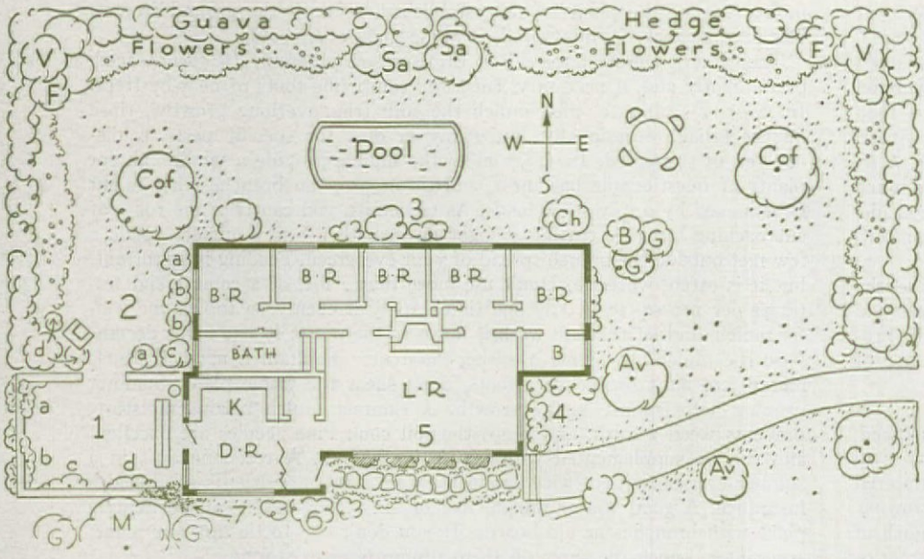
One plum (8). Damson, Washington, and Stanley are fine back-yard garden varieties for eating, cooking, and preserving. They are fairly hardy, and thrive in any good, preferably heavy, soil.

Two dwarf pears (9-10). About 10′ inside 7 and 8. Clapp, Bartlett, and Duchess, among others, are excellent. Prefer a rather heavy, but well-drained soil, not too rich; lush growth is more susceptible to attack by the destructive fire blight for which there is no cure except prompt cutting out and burning of diseased branches.

Red raspberries (11). Two rows of six each, 8′ to 10′ back from the path, the plants set 3′ apart. Train on two pairs of wires fastened to firmly set posts, one pair 2′ and the other 4′ above the ground. Plants last about ten years, if kept free from disease and fed well. Latham, Newburgh, and Viking are strong, hardy varieties. After two-year-old canes have borne, cut out and burn them. In cold regions, young canes (current season's growth) can be bent over and fastened down so the snow will protect them.

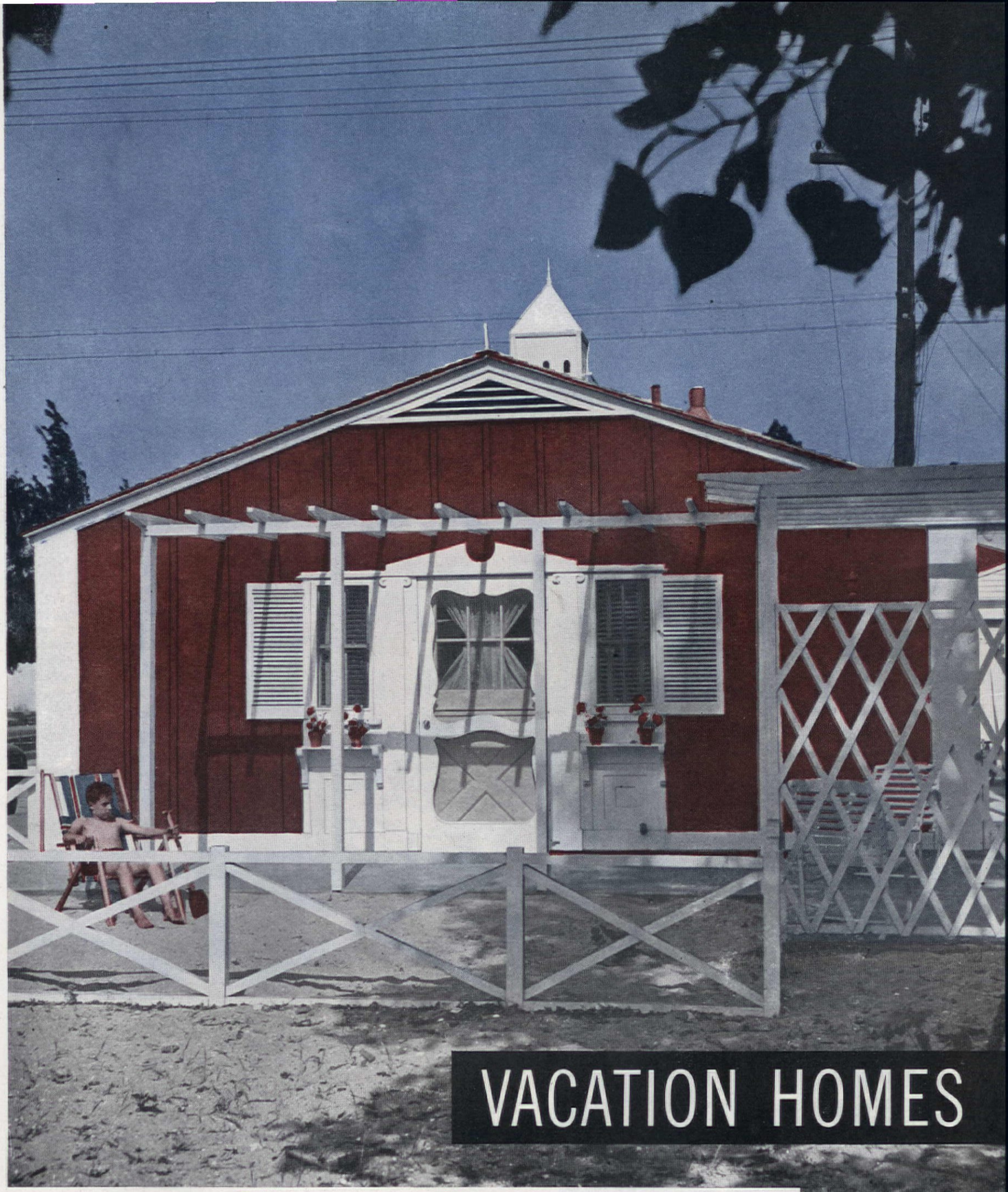
Blackberries. (12). Two rows, of five each, along the path, also trained on double wires and given same general care as the raspberries, should last eight to ten years. Probably the best home garden variety is Eldorado; for really cold places, Snyder may be hardier. Pick when fully ripe.

Grapes (13-16). An arbor or trellis of 4″ posts and 2″ rails will support four vines. Excellent varieties, in order of ripening, are: Portland (white), Fredonia (black), Worden (black), Brighton (red), Delaware (red), Niagara (white), Concord (black), Brockton (white), and Catawba (red). Dig roomy holes, spread roots out, cover with good soil, and firm it well. Cut two vines (13 and 14) back to four canes each year. Allow the others to grow over the arbor, and carry one main arm or trunk from each up over the top; each spring cut back the canes that grow from it to short stubs with two or three buds. To avert black-rot and mildew, spray frequently with bordeaux mixture from the time the buds open.



Plans rendered by H. McClelland

A California home fruit garden suggested by Kay Campbell, enthusiastic Los Angeles gardener. 1. Service area: espaliered oranges (a, b), tangerine (c), grapefruit (d); grapes on west wall. 2. Red (a) and yellow (b) guavas; (c) macadamia nut; (d) 3 feijoas. 3. Begonia flanked by fuchsias. 4. Pepinos for color. 5. Four Meyer lemons; strawberries beside path. 6. Three papayas. 7. Passion vine on service area wall. Av, avocado; Ch, cherimoya; Co, coral tree; Cof, coffee tree; F, fig; G, ginger; M, mango; Sa, sapota; V, Vitex lucens. Guava hedge on three sides insures privacy



VACATION HOMES

Located in California · Indiana · New Jersey

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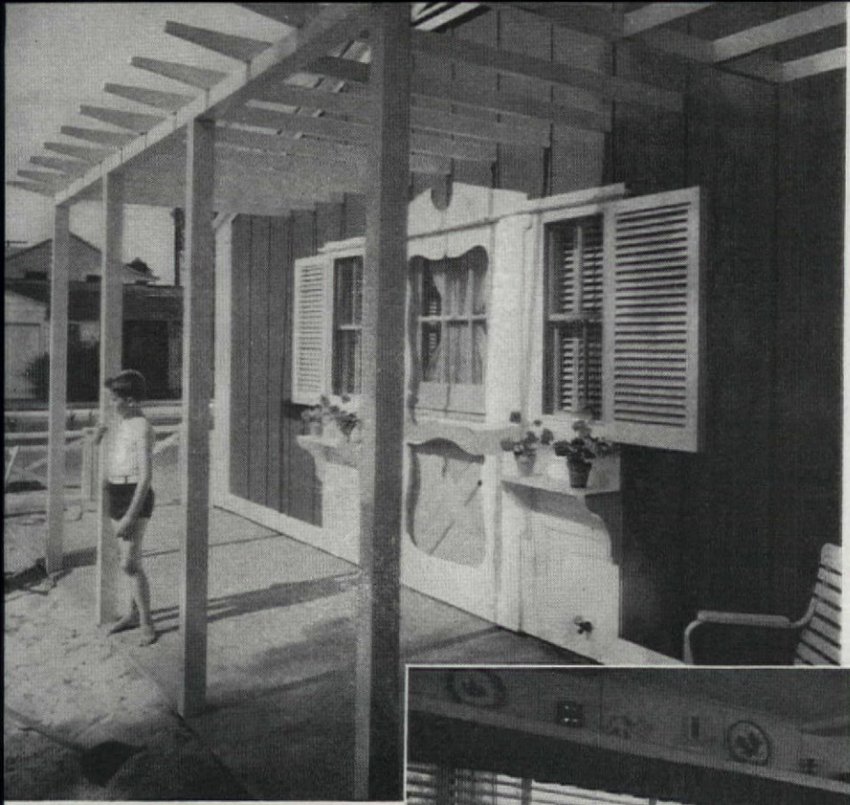
SOLID COMFORT in 600 Sq. Ft. of Beach House

Ethel McCall Head



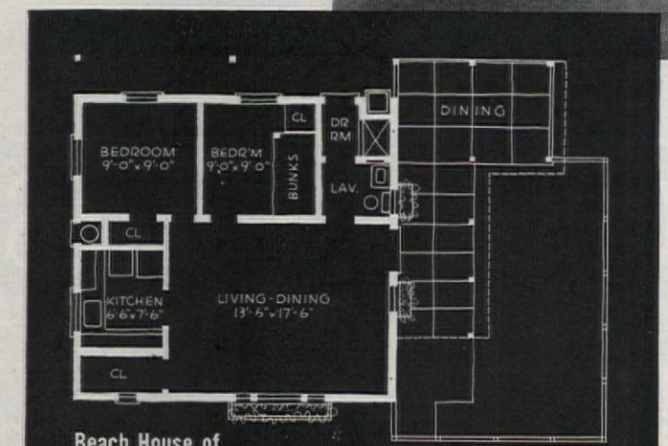
The trellis protects the green-concrete terrace. Formal treatment of door accentuates informality of the rest of the house

To the uninitiated, making moving pictures seems like a fascinating business, full of sound and glamor—life is one big, fancy-dress party. Nothing could be further from the truth. The tempo of life for anyone connected with the industry is a fast and furious one, with hardly a letdown. It is serious business, stepped to the nth degree. Therefore, the need for complete relaxation is most important to all involved. Charles Pyke, art director at the RKO studios, settled for this modest beach house on Balboa Island as the answer to his own individual relaxing problems. Here, the

View from front door is across living room with its whitewashed, knotty pine walls and dark green floor. Kitchen is in rear

Photographs by Robert Cleveland

California



Beach House of
Mr. and Mrs. Charles Pyke
Balboa Island • owner-architect

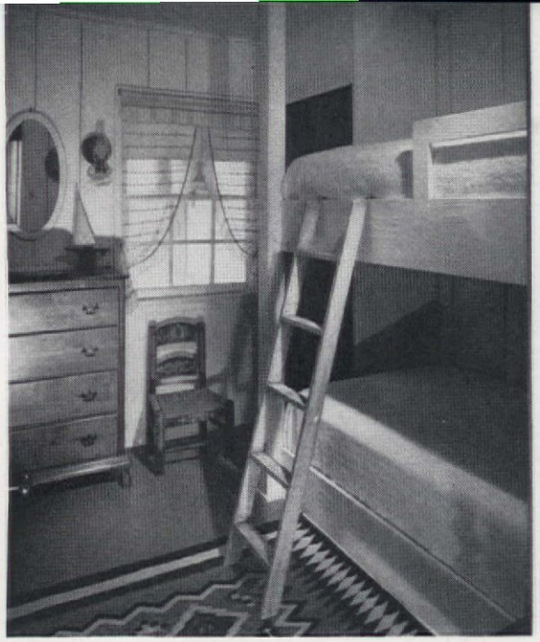
sun is warm, the house is small enough to cut housekeeping to a minimum and, above all, there's comfort galore.

Because business makes him very conscious of astronomical building costs, Mr. Pyke decided that every square inch really had to pay off. The results are thoroughly satisfying when one considers that the compact plan measures just about 600 square feet. Six people can be accommodated overnight without any sense of crowding. The house is full of endless surprises; the living room is perfectly adequate, with its oversized storage closet at one end, while two average-sized bedrooms sleep four people. This is done by means of double-deckers in the smaller of the two rooms. Completing the plan is a compact, modern kitchen and a bath with stall shower. The living room also doubles as a convenient dining area.

The lot is a corner one, and Mr. Pyke, who was an architect before going into the moving-picture industry, wisely placed the house at the rear. Later, when building costs allow a larger house at the front, the present house can be converted into a garage. Of board-and-batten, it is painted barn red with white trim, and the

front door was given importance by a decorative curved framing. There's a window on either side, plus louvered shutters and flower-pot ledges. Though the vines have not yet grown over the front trellis, this interesting feature adds size to the appearance of the house and affords protection to the green-concrete terrace. Good ventilation is also afforded the living room by means of a Dutch door.

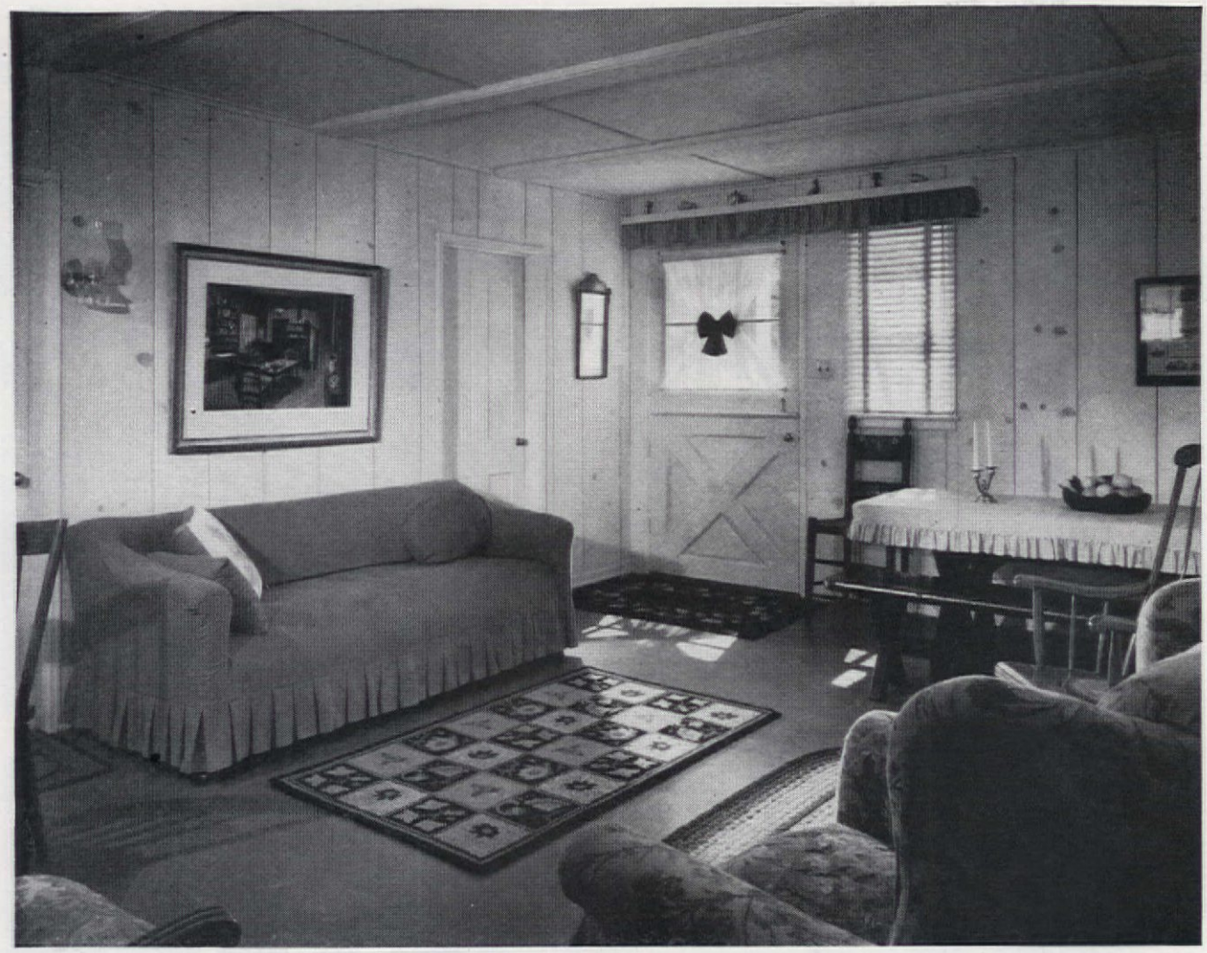
In the living room, pine walls are white-washed; the concrete floor is covered with braided rugs in warm tones of brown, yellow, and orange. In one corner, a barbecue table with benches forms a dining area. The kitchen, at one end, has no door and is both practical and attractive with its natural knotty-pine finish, warm blue ceilings, and blue linoleum drainboards. There's nary a hall in this tiny house, but excellent circulation is helped by an outside door to the bathroom. This is a perfect arrangement for bathers, because they can shower before entering the principal rooms.



Space-savers in the son's room are double-decker bunks and a clothes closet hung with gay red canvas

Kitchen is tiny but has warm, homey atmosphere; red-checkered ruffle over window adds a bright note

Adjoining front door is dining table with green-gingham cover and valance. Door leads to the terrace



Need-an Excuse for a "Hideaway"?

Have you almost convinced yourselves that you have everything you need right in your own back yard, and that there's no need to go elsewhere? If so, then read this story to your conscience!

Claude Temple Hall

It isn't pleasant to feel guilty, but that is exactly how my wife and I felt when we began converting the old auto trailer an uncle had given us into a hideaway nest—an escape house in the hills. Our sense of guilt was inspired by the words of a neighbor who said, with a sharp elevation of her eyebrows, "Of course, it's nice to have a week-end home, but think of the expense! Why, you could add another room to your house here in town with the money you're spending."

Literally, her words were true, and for some time afterward my wife and I suffered acute attacks of conscience. We could have added a room—but a very small one, I insist—to our town home with the money we were putting into the trailer. Could we find a salve for our consciences, any excuse for an extra house, when it meant that hard-earned cash was going into what certainly must be considered a luxury?

Haunted by our neighbor's words, we began looking at our home in town in a different light. How could we ever have felt a need to get away? It had everything we needed for comfort, and the yard was practically a nook in the woods. For a month we stayed home, trying to forget our week-end house. But each day became more of a trial. Something was missing. Life had lost its spice, and there was nothing to look forward to. Finally, we gave up and headed for

Suter, Hedrich-Blessing

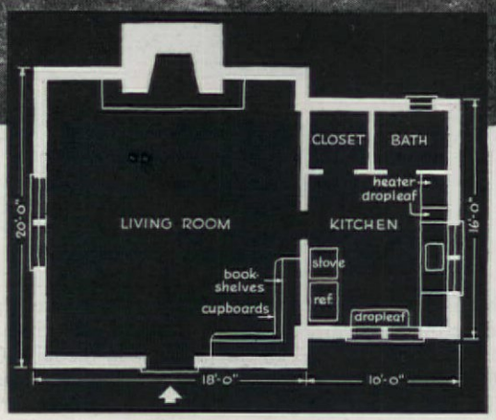
the hills bright and early one Saturday morning.

It was a beautiful trip. The near-by hills were green, and those in the distance were a soft blue. Peaceful cattle nibbled at fresh grass, and now and then a red-tailed hawk wheeled over a canyon. Soon we were in the redwoods and it was there, under the giant trees, that an excuse for our hideaway presented itself.

"Notice the ferns under that tree," my wife said. "When I look at those under our fig tree at home, I think of these back here in the woods. You know, I think that what makes a city yard beautiful is not so much the flowers and trees in it, but what those flowers and trees stand for. In our city yards, we imagine ourselves back in the woods in natural surroundings."

Here, then, was the clue to our need and enthusiasm for week ends away from our city home. Our carefree hours in the country make us better able to cope with city life. With vivid memories of the week end still fresh in our memories, we can pretend we are back in the mountains from Monday through Saturday. The sough of the wind through the trees in our yard has a different meaning; our lawns are but meadows along the trail; our lone apple tree becomes a part of the wonderful orchard that sprawls over a rolling hillside.

No, we are not wasting money on our hideaway. It is a necessity. Our city home has more meaning for us now. To keep our illusions, we find it necessary to make frequent visits. Extravagant or not, it is our link with Nature, and this we must have, regardless of expense.



Interior Decoration by L. S. Ayres, Indianapolis

Eight Makes Two!

In Indiana the Floyds make eight 136-year-old cabins into one big and one little cabin

Mrs. Paul J. Floyd

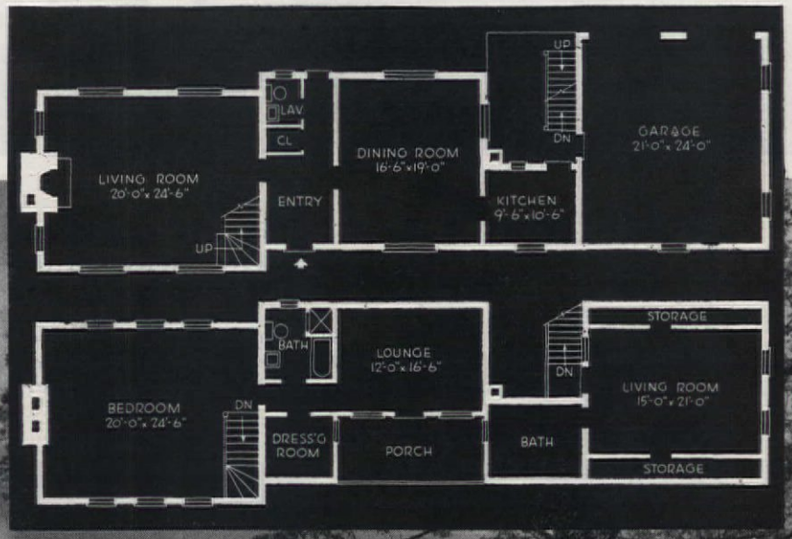
In our "sweetheart days" we wanted a log cabin in the woods. Now we have not only the little cabin in the woods, but a large and beautiful "log" home, and both in the setting we had always dreamed about. Our four acres include a hilltop crowned with beautiful cedars, pines, elms and pin oaks, sassafras, buckeye and sumac; a valley and, to make it even more perfect, two little creeks that babble noisily through the woods.

During the war, because the government cleared some ground for war projects, we were able to buy eight log cabins, weathered to a soft gray by one hundred and thirty-six years of sun and storms. The little cabin, our guest house, belonged to the Flick family, who migrated from Switzerland in 1812 and settled in Indiana. The other seven cabins went into the making of our big house, which is set on a hilltop just across the valley and west of the little cabin.

Conrad Muneche, in his helpful *Cabin in the*

Carmel Home of Mr. and Mrs. Paul J. Floyd

Interiors by Lucille Burbank of L. S. Ayres & Co.



Woods has written, "Take full enjoyment in the building, take time out to rest." This is exactly what we did. Hours of thought and dreaming went into the plans of our houses. Mr. Daubenspeck, who has been building log cabins for years, put our seven-cabins-worth of logs together. Mr. Mincer helped us plan the lounge room and the little Swiss porch just off our bedroom. We both helped to bring the big stones for the fireplace chimney. Mr. Hennigar did the beautiful finishing and the detail work of our cupboards and chests.

For years I have collected antiques. My favorite pieces are the "coddling" bench, which belonged to Mr. Floyd's great grandmother, and my father's old flintlock rifle that has been in the family for 167 years. Now, of course, these, along with my old copper, have found their perfect setting. With the experience and interest of Mrs. Burbank, an interior decorator with L. S. Ayers in Indianapolis, we have built and furnished the home we've always dreamed about. Mr. Muneche's advice is sound—there *was* full enjoyment in the doing of it.

In the little cabin, used as our guest house, we have an 18 x 20 foot living room, a small but complete kitchen, a shower and toilet, and two roll-away beds neatly concealed in a large closet. The color scheme of red and gray is soft and warm, the furniture comfortable; a fireplace makes it "home" for guests. Floors are random-width oak, pegged in. The fireplace is of Bedford stone, with

Suter, Hedrich-Blessing

Kitchen in the little cabin is small and gay, yet efficient. One entire wall of the pine lounge, adjoining master bedroom, has beautifully made chests and cupboard. The dining room, done in sunny yellows and reds, has hooked rugs, pine furniture. Kitchen in the big house disproves theory that modern equipment means sterile appearance

a Heatilator unit built in. The Heatilator, and electric heaters for kitchen and bath, make the cabin usable the year around. Kitchen windows bloom with bright-red geraniums and ivy and, outside, a fireplace with an oven is always ready for making coffee and hamburgers.

Just east of the little guest house we have built our kennels, which house four hunting dogs, two pointers, and two setters. As a hobby, Mr. Floyd sends his dogs to Canada and all parts of the United States for field training.

To the west, on a hillside silhouetted against blue sky and green woods, is the "big" house, a hundred feet long and 26 feet wide. On three walls of the living room are six large windows. Two are unbroken Thermopane picture windows framing a forest and a little creek. No glass curtains interrupt the views, and draperies are hung simply, serving

Living room in "little" cabin is in soft shades of red and gray, with toile, sporting prints, gleaming copper and pottery in ruddy earth tones. Lounge, off master suite, is gay as well as practical with a bright red-and-green scheme. Living room in the "big" house is distinguished by huge stone fireplace, six beautiful windows—two of them Thermopane view windows which frame beautiful forest and brook views

a useful purpose at night and adding a restrained bit of color by day. Walls and ceiling of living room are mahogany, floors are of large parquet blocks. The huge stone fireplace dominates the room, and red and white give wood and stone a crisp, urbane look. The living room hasn't the typical "decorated" look, which would be so unsuitable in a house of this kind, but it has the knowingness of good decoration in that it offers the dignity, along with the simplicity and comfort a house must have to be a permanent home. Upstairs, our bath and dressing room of knotty pine lead into a lounge, shown here in color, and this leads out onto our little Swiss porch for an even better view of our beloved Indiana countryside.

4 Had so much fun, added more—this time for "keeps"

3 Came priorities, remodeled "temporary" shack

2 First summer spent staking out future house

1 Began with a view, 65 acres, a shack

Jean Austin

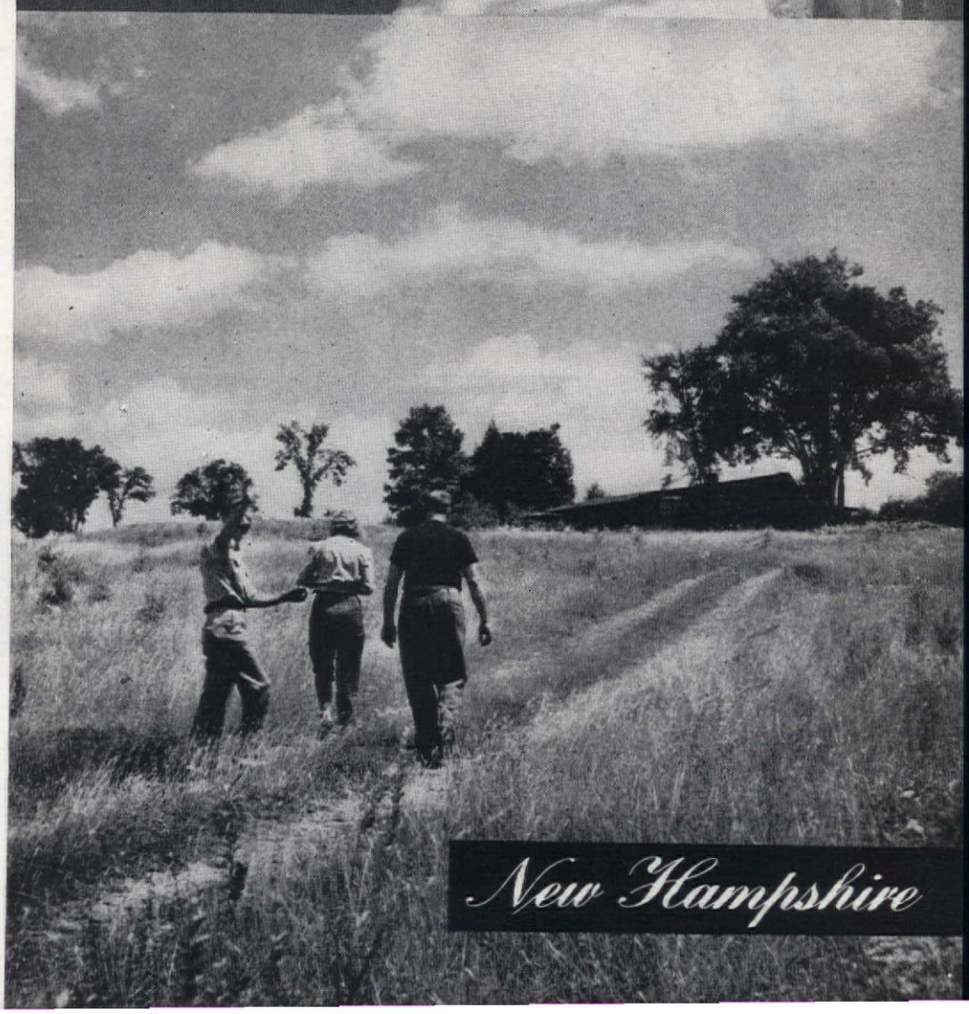
Buy an Overcoat to Go with a Button?

Silly, but lots of people do. This New Hampshire sports house illustrates it perfectly. Read, heed, and profit!

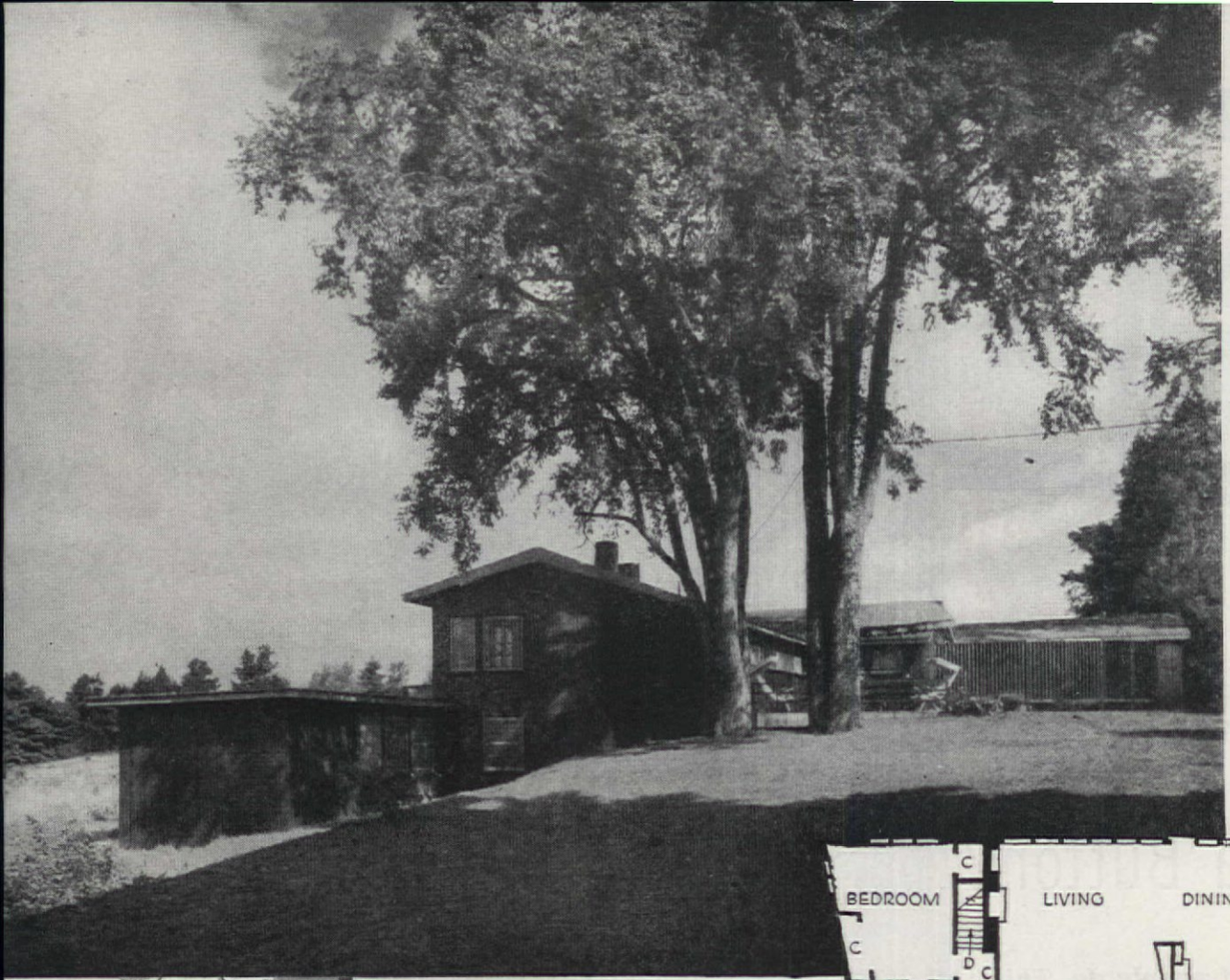
It all began that beautiful spring before priorities, but all this I've said before, some few Februarys back, when I honestly believed the Hut-Sut was finished and put it in THE AMERICAN HOME as a soigne, inexpensive little ski house. And so long as I live, I shall believe that I would have stopped there, enjoyed it and, when the war was over and taxes lower, have razed it to the ground and begun anew on the house I'd spent all that first summer planning for. What happened to those sensible resolutions? I shall tell you, and herein lies the moral of this tale.

But for Clyte, I would have today the house I'd planned on. Her father was in Manila. Her mother came up to Hanover to await Clyte's arrival, Weldon's return. I added a room for Jeannie—bunks were fun in a ski house, but not quite comfortable enough for a mother-to-be. And, of course, I found, during that summer of "waiting" with her, myriads of other little "improvements" to while away the summer and the bank account. We changed a few walls, added plumbing, a terrace—well, you know, you've done it, too. Then, six weeks to a day before Clyte was born, I discovered, to my great amazement, we had no nursery! Bill Stevens (my builder) and I got busy as bees. I learned to insulate walls, run power tools, hang doors. And, at quarter to five on the morning I was to bring Jeannie and Clyte home from the hospital, I was painting the last muntin of the last window in her nursery.

That the compact little kitchen where I could stand dead center and flip a pancake and squeeze orange juice simultaneously for our pre-ski breakfasts, or broil a steak and roll a pie crust simultaneously for our post-ski dinners—well, it all seemed less efficient when we got to sterilizing bottles, measuring out umpteen bottles of formula. The bathroom, with its so wonderfully built-in comforts and the showers that took out the aches and pains of spills on the slopes . . . with diapers hanging all about (they froze at the door if hung outside) seemed less and less desirable. And so we added. And added. And pushed out walls. AND added.



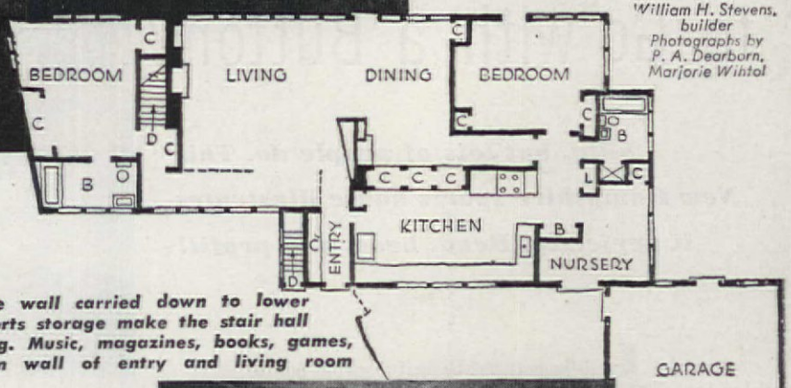
New Hampshire

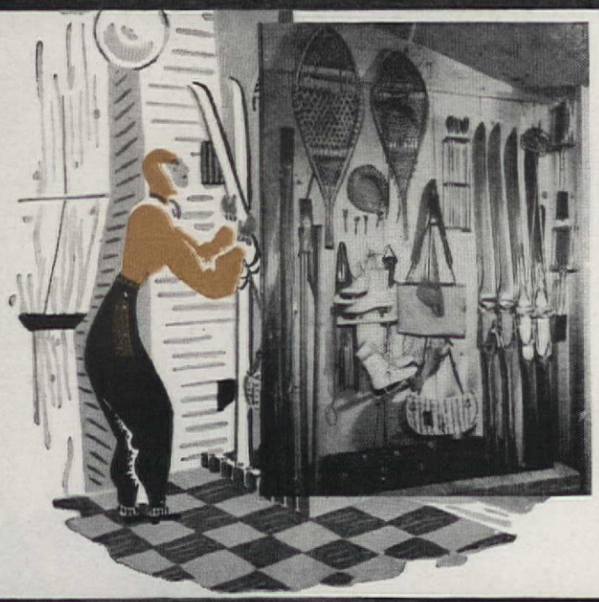


High, beautiful terraces, unfenced and unfettered, that they might be "of a piece" with the golden meadow that went nigh a mile down to the Connecticut River—well, you know what happened as well as I. Polkas and song fests in the living room were not sympatica with six o'clock bed hours. We added . . . and we added. We stretched out. We spent. Weldon came home. Jeannie had always loved the Hut-Sut. It was home to Clyte. The soigné little sports house, built for fun and easy living, had earned its way as a full-fledged home for two young parents and a child who loved country living, wanted a simple but sophisticated home, room for guests, and time for having fun with these friends.

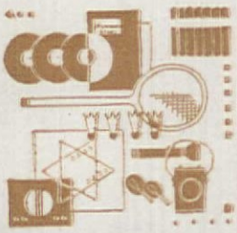
The moral? Never, never buy anything you consider "temporary" and give it one minute of your heart, time, or money. Sticks and stones and mortar put together with love have a way of enslaving one. The Hut-Sut is no longer a ski-hut but the permanent home of Mr. and Mrs. G. Weldon Willis of Hanover, N. H.

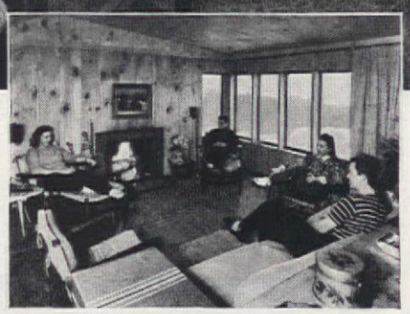
William H. Stevens, builder
Photographs by P. A. Dearborn, Marjorie Wintol



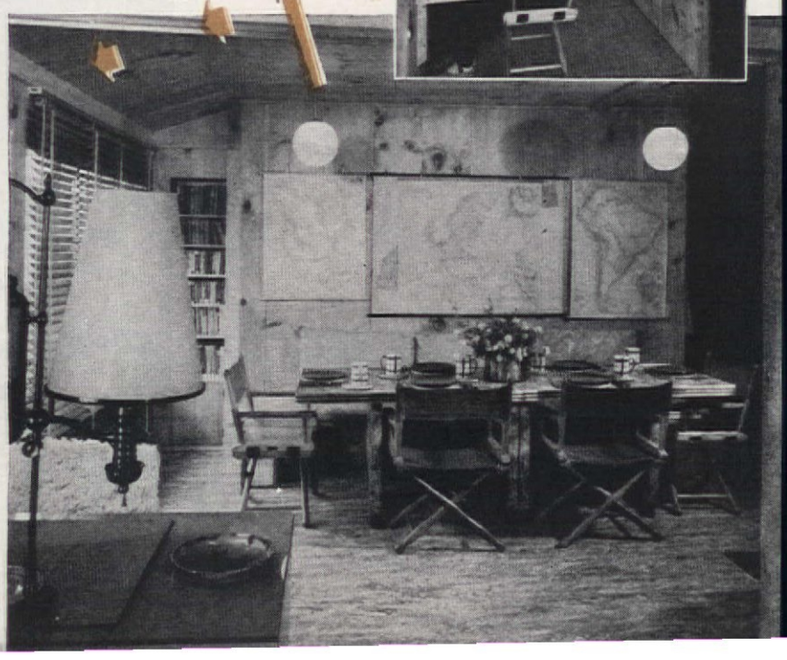


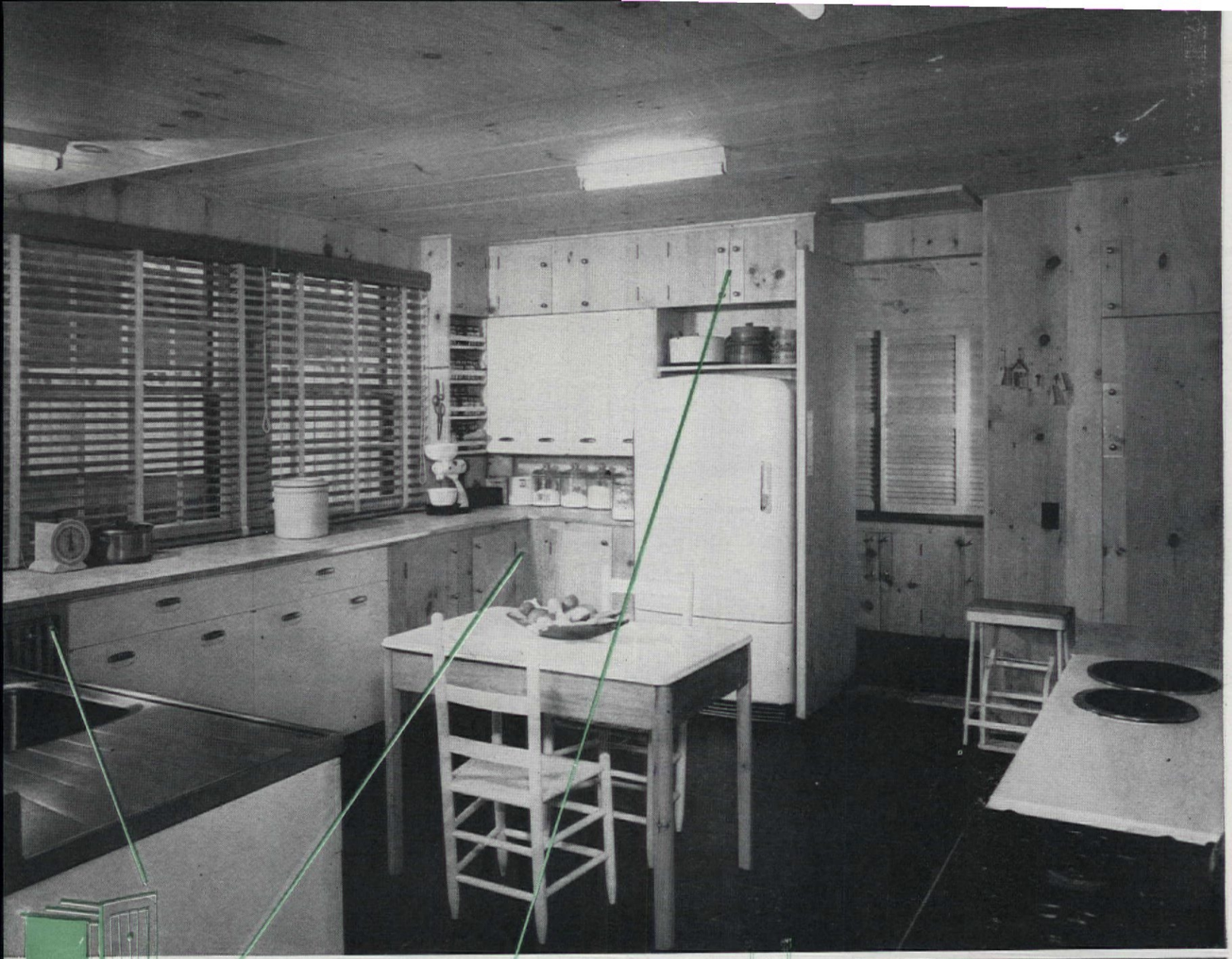
Brick fireplace wall carried down to lower floor, and sports storage make the stair hall interesting. Music, magazines, books, games, housed in wall of entry and living room





Bedroom and "dog wagon" walls were pushed out to give more living space, better exterior elevation. Corner window had to go, but two added to living room frame view even better. Kurt Versen side lights, inset in ceiling, light terrace as well as living room. String rugs roll up easily for dancing. Armstrong's beige, marbleized floors show few footprints. Rust, marbleized Kentile in entry and kitchen





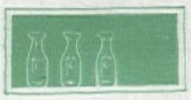
Storage wall between kitchen and dining room opens on both sides, saves countless steps. Inaccessible areas near ceiling are used for preserving supplies and picnic paraphernalia

Baking area completely equipped for sit-down work. Louvered pull-out towel rack takes care of any unsightly, damp towels

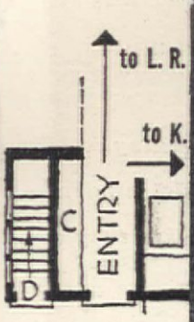
Food closet only seven-inches deep, keeps contents "single file" for easy visibility. Keys have labels too large to be slipped into someone's pocket

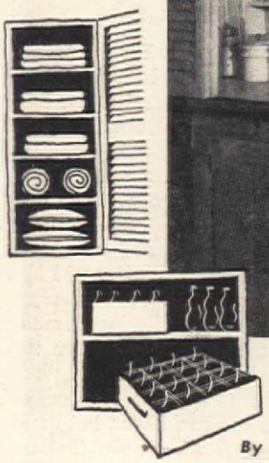
Drop-leaf desk for telephone, menu-making, scorepads, and recipes, above. Linoleum-top tables pull apart for games, extra available for buffets

Cabinet at left of stove equipped and wired for beverage-makings--coffee, tea, etc.; percolators, teapots, as well as toasters and waffle iron. The electric stove had its legs amputated to solve the used milk-bottle problem

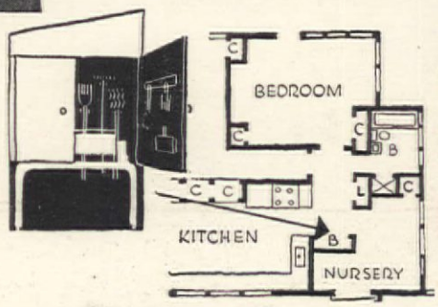


Stock window shutters, run on ceiling and counter tracks, make attractive entry wall, close off blankets, outdoor-eating, and sun-bathing supplies. Former kitchen sink left for bar use. Storage underneath takes cases of bottles



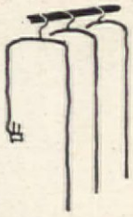


By simply closing hall door into dining room, family sleeping and service quarters are completely cut off. Access from family bedroom, nursery, and kitchen for early risers, early outdoor breakfasts



Nursery has exit into play yard, doorknobs low for "self-service". Guest room has two closets, own bath-dressing room, complete privacy from rest of house

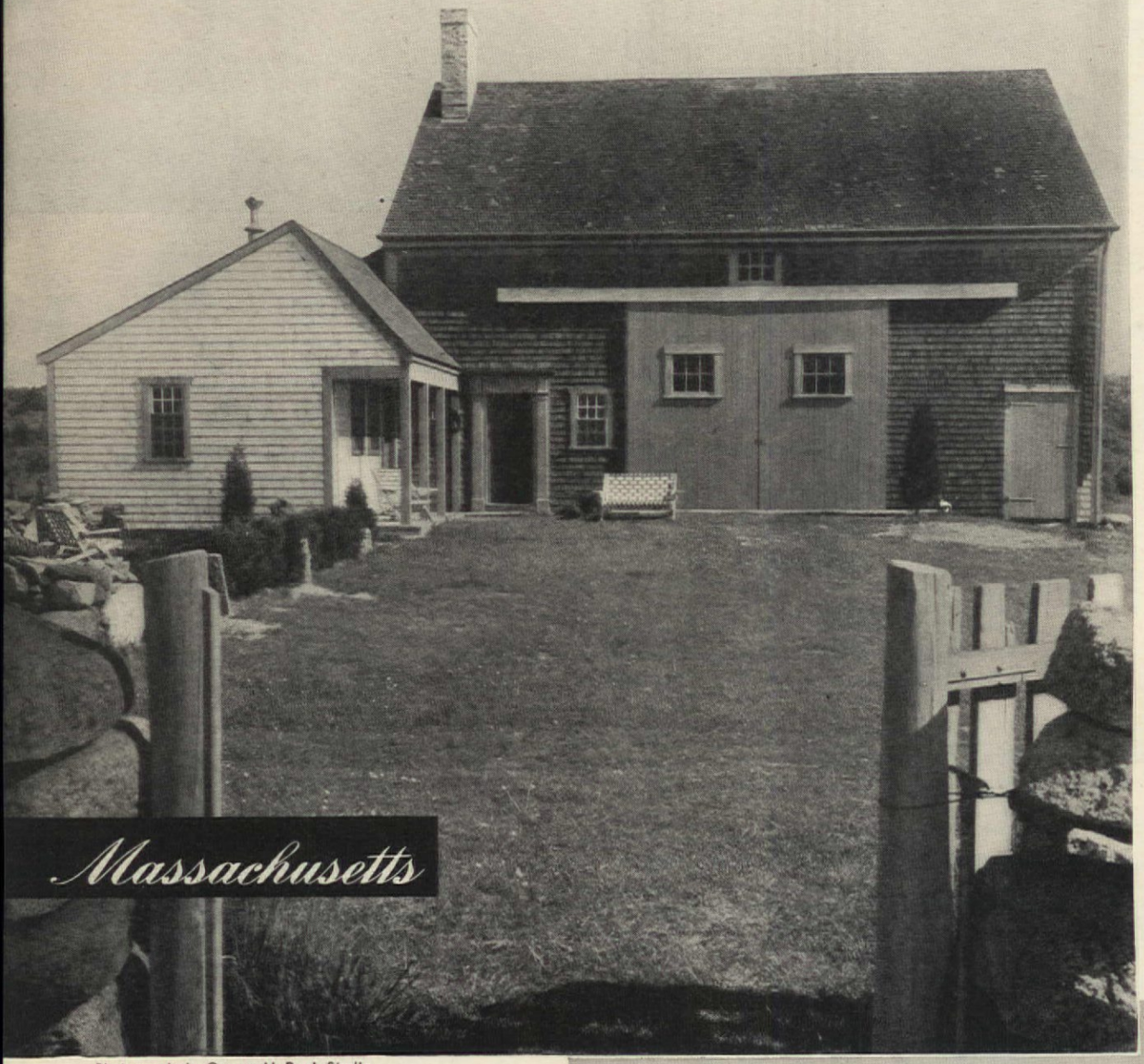
Closet



Dressing table over, hamper under

Here's a Switch...

. . . imagine wrecking an old house to remodel a barn— but that's just what they did



Massachusetts

Photographs by George H. Davis Studio

For years I had longed to own property on the beautiful southern coast of Massachusetts. The combination of rich farmlands sloping down to the ocean, and the simplicity of life there had a strong appeal. So when, three years ago while on brief leave from the Air Corps, I heard that the Tuell farm, at South Westport, was for sale, my wife and I hurried down to look it over. The lane, more than half a mile long, leading to the house was so overgrown that we had to leave our car and walk in. We caught tantalizing glimpses of holly trees and could hear, but barely see, a brook running under the lane. The big, weatherbeaten house with its barn looked very stark to us that day. But beyond the shad bush and beach plum was a magnificent view of the Westport River. Investigation showed that most of the farm's ninety-six acres lay along the river. Three days later the place was ours!

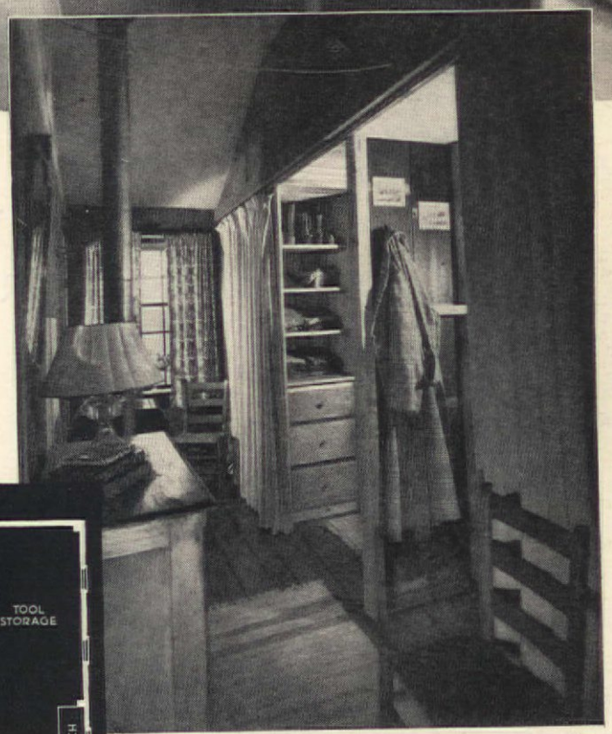
Two years elapsed before we were to see our farm again. The war saw to that. By V-mail, however, I signed up my old friend, "Deacon" Gifford, the local builder, to make our job his first postwar project. In June, 1946, we began planning in earnest. We found that, during years of abandonment, all sorts of decay had set in.

Garden is enclosed by combination native stone wall and clipped cedar hedge. Dogwood in foreground are imported shrubs; viburnums, shad, blueberry bushes are transplanted

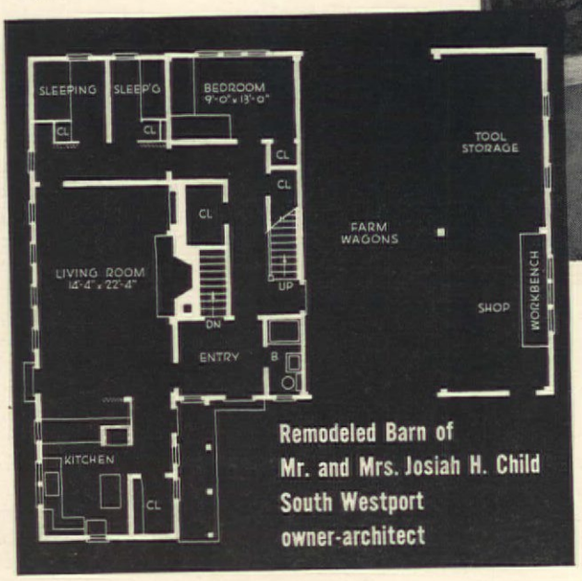
Rough plaster walls of living room are painted light green, mantel from old parlor is a darker shade of same color. Dining table divides living room and kitchen, with its natural-colored woodwork and brown floor spattered with brilliant yellows

Termites and rot had taken a fearful toll; supporting beams and window sills practically fell apart at the least incision of the Deacon's knife. We knew immediately that transforming this relic into a livable dwelling would be expensive. We never had planned such a large house; ours was to be a compact, easy-to-run place suitable for week ends and informal summer living. That's why we chose the barn.

On slightly higher ground and with a resulting better view, it had been built more recently than the house and was in good condition. Along the whole length of the west wall, and projecting beyond it in front, was a shed. We decided then and there to fix up this part of the barn, using whatever sound material we could salvage from the house. It was a fussy job fitting all the pieces together. But, with great patience, we were able to create the new dwelling almost entirely out of old stuff. A few squares of shingles for the exterior and roof, about six dozen lengths of two by three's, some floor boarding and additional bricks were all that had to be purchased. We have no plumbing and, therefore, our winter week ends are not foreshadowed by visions of frozen water pipes. Six pailfuls of water pumped from an artesian well fill the wooden barrel attached by a coil to the kitchen stove. Space heaters furnish heat, and cooking is done on a two-burner kerosene stove. We'll add improvements in time, but now, a small river boat gives us more fun than a new bathroom!



Hallway leading to two small bunk compartments, each equipped with double-deckers and a convenient section for drawers and shelves



Remodeled Barn of
Mr. and Mrs. Josiah H. Child
South Westport
owner-architect

WHEN we sold the big farm, we knew we had little or no time to rebuild the old stone house on the little farm, and that, if we were unable to make it livable by March 31st —our deadline—we would have no place, literally, to lay our heads. And so, I called Jonathan Hewitt, our neighbor and carpenter who had restored the other farm, and together we went over to "Sunshine Hill" to see what had to be done. Plenty, was the answer!

The front door was boarded up; no steps. The road was right smack against the house. The back stoop had no proper steps—just two slabs of stone someone had placed there temporarily fifty years before. On the first floor there was a big room that was kitchen and dining room, with fireplace enclosed in a makeshift cupboard arrangement. There was a small sitting room, and a small, unused storeroom with an entrance under the stair. The basement had a dirt floor, two sets of cellar steps, neither of which was navigable.

There were four bedrooms on the second floor —two on each side of a wide hall, with a window at each end. This, of course, is very unusual in an old Dutch house, and we were delighted. A winding stairway led up to the attic. In the attic were two miniature windows at either end. But the floor was superb, and there was the little old cord bed, left by Mrs. Corson, the former owner. Well, I'll take the attic, I thought—that will give me room to roam around. I can have a bath, a big closet, a linen closet, a little dressing room and, at one end, storage for blankets, curtains, and a few precious things that I love but can't use in this house. So we painted the rafters white, the trim cream, and used that wonderful DuPont wall fabric that Casey Goodman, my old friend and neighbor, helped me to get in almost nothing flat. But I'm getting ahead of myself.

Mr. Hewitt and I went over the house carefully. The house was clean, and it was wonderfully preserved. I said, "Johnny, we don't need an architect or contractor for this house, do we? I know just what changes I want to make, and you know just how to make them." Mr. Hewitt is a man of few words—he doesn't waste time. After a few minutes he sagely remarked, "Well, what these architects don't know is 'you've got to give an old house its head.' " Two weeks later he looked up at me with his eyes twinkling and said, "Of course, all you did was to take every door and window in this house and put it someplace else, and Eli has to lay a new wall where they came out, and considerable lathe and plaster gets shifted around."

We had no slate for the roof—no dormer windows, no siding, no plaster, no insulation, no plywood—no masonite, no linoleum, no oversized windows in any shape or form —and we were short three doors. We had no heating plant, no plumbing equipment; and practically no lumber for cupboards. We had no stairway and no wood available. Discouraging? Not if you live in a neighborhood where everyone knows everything about you and your needs, almost before you do. If no one else can understand how it was done so rapidly and so well, I can understand it, because I've lived in their neighborhood for twelve years. We are all not only neighbors but friends. In the same spirit in which their grandfathers and fathers turned out and "raised" the barn or built on an addition in a couple of days for the man who "got burned out", they came to help us straighten out our lives in a new home. Bless them every one.

Johnny's staff is composed of his son-in-law, Harry Cranz, a carpenter and cabinetmaker, and Eli Vanzelos—stonemason par excellence, carpenter, plasterer and general assistant. The first plumber was also a friend, but he turned out to be a better friend than plumber; so I laid out my own soil line, and Mr. Hewitt and I placed the septic tanks. We marked the place in the basement for the oil burner and oil flu and brought it up on the outside wall in the center of the inside chimney and, when I saw this long, ugly looking thing sneaking up to the roof, I was sick. "Wait till you get home Thursday," said Mr. Hewitt. "I'll have a surprise for you." He built a beautifully proportioned, old Dutch, fake chimney, incorporated it with the real chimney, plastered it all over and gave us one large chimney that was a great improvement.

We measured off our dormer-window space first, then tore off the old shingles. We have some friends in Stockton, the Smith brothers, who have had a mill there for several generations. Mr. Smith telephoned to Maine and got the last slate available. He hoped there was enough for our 30 x 40 roof, and there was—with just six squares left over after Mr. Hewitt had slated the sides of the dormers, because we couldn't get any siding. Of course, this also is the way the old Dutch dormers are always done. Our "great open spaces", four of them in the front of the house, 82 x 72, were covered with building paper, but no windows could be found. My neighbor, Mr. Meggs, telephoned me that if I could use casements, the Nice Bros. of Doylestown would sell them to me, because they had some oversized meetinghouse windows in their old storehouse. Jack Alleyne, our farmer, and I drove up in the truck. There were three pairs that matched—a little smaller one and its mate had all the glass missing. We took the six good ones home, and Jack collected the other two in a few days. In the meantime, Jack got Joe Heston and his nephew, Johnny Hennecke, to come at odd times to dig our soil line. I had marked out the line for the underground wire trenches, so they dug those and made the cesspool and dry tank. Later, we took the electric cable down the soil pipe line that was to connect the garage and the guest house "to be".

New Jersey

WHETHER FOR VACATION USE ...OR ALL-YEAR USE

"You Have to

The remodeling of "Sunshine Hill," old Dutch farmhouse in Sergeantsville, becomes a neighborhood project— in the real old-fashioned sense!

Give an Old House Its Head!"

June Hamilton Rhodes

Once upon a time I was able to do a very small favor for a very big man who has, over a period of many years, been kind and thoughtful. Somehow he heard about this house and called up to see if he could help me. He is one of the greatest contractors and builders in the world. I said I needed an oil burner terribly, and I needed insulation, plywood, plasterboard and finishing lime, also plaster—but just dabs of it because the house was so small. His secretary, whom I had also known for years, took over at this point. Her name used to be Gulliver, and she likes little people and didn't mind this little job. I called Tarantola, our local truckman, and asked if he would go to New York, into the deep, deep Bronx, and start picking up bits and pieces for our house. He made three trips, and I must say he was nice about the price. The boy who drives the truck got a great kick out of it because, in the places where he went, they were so amused at the size of the order—but when he told them that Mother and I had to have a place to move into, they gave us what we needed. All but the plywood that arrived on the day when we just couldn't wait for it any longer.

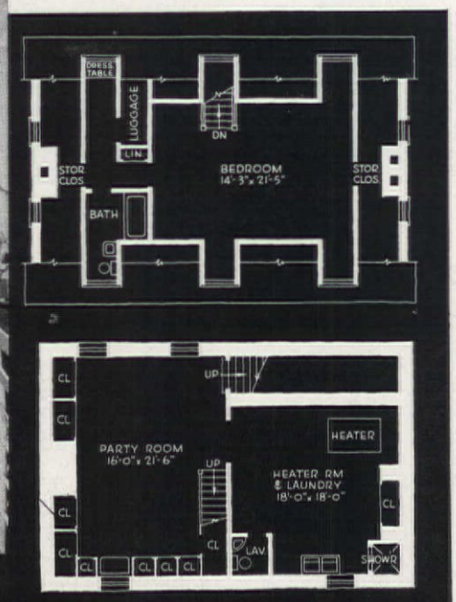
Lime green, butter yellow, gleaming copper and exquisite old copper lustre cast subtle overtones against green walls

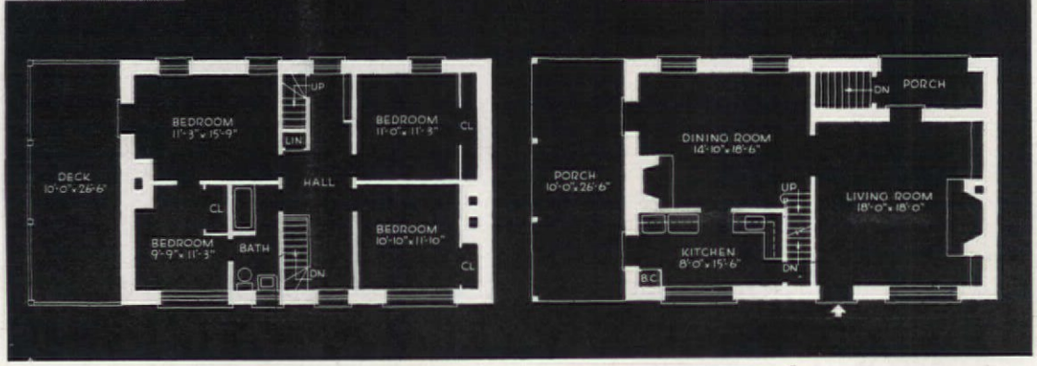
Pine and pewter make the little dining room interesting. Lime, butter yellow, antique whites in Mrs. Rhodes' attic "suite"

Queen's room is small but adequate, furnished in simple, country style, with gay floral bedspread and patterned wallpaper

Ed. note—Mrs. Rhodes threatened to sue if we published this photograph of her—but we knew you'd want to see the other side of the living room!

Planned, capacious storage space in cellar obviates need for large kitchen





I wanted the hoods over the doors to be very simple. One day I came up to the place to find Harry down on his hands and knees on the terrace (which we built first before the frost came) with a faded brown paper, tracing on wood. "What are you doing?" I shouted. "Come and see what we found. Johnny's great-grandfather's pattern was in the shop. Guess that's old enough for you." We made our terrace wide, because we like to eat out there, and we didn't do it with a yard rule. We set up the table and chairs, and then I moved around it, as if I were serving, and found I needed a good foot more of space for comfort; so, we added it—a little too wide for the house, but with the railing around the second-floor terrace set back a foot, it looks just right.

When I put the big farm on the market in 1946, I took two, old Dutch, handmade doors from the garage, and these are now at the front and side of the house. I found a pair of glass doors at Smith's, and since Mr. Smith had broken his leg and couldn't crawl around under the eaves, his boy and I finally located, way back, the sills for these doors. We didn't bother about whether they would fit—we just got them and trusted to Johnny to make it all right. One of our closet doors from the old sitting room made a dining-room door—the other door from the kitchen went into the cellar-stair landing.

But our main and only stairway was still unsolved. Mr. Gess, of Flemington, the man who came to arrange to have the telephone and light poles placed back fifty yards out of the driveway, went over the house. "I am getting some dormer windows made," I told him, "but I certainly am stuck with that stairway." "The house is all pine," he said, "isn't it?" "Yes," I said, "but I'd use anything that will make a stairway. You see, we have to get into this house." "Would oak do?" —"Don't fool me, Mister," I cried. "Have you any oak today?" "Do you know John Hall, the Flemington blacksmith?" "Certainly I do—back of the Mutual?" "Yes, that's right. Well," said Mr. Gess, as I stood with my mouth hanging open, "I think he has some oak there that he may cut up for your stairs. He makes truck and wagon bodies." Monday morning I hied myself to Mr. Hall's shop. He has two sons, neither of whom would have any part of me but, when I refused to settle for anything but their father, they sent me to a building across from the shop. There he listened to my tale of woe. "Who's your carpenter?" "Johnny Hewitt, of Stockton," I answered. "Well, why didn't you say so. Tell him to measure up, come down here, and saw off what he wants, and get those stairs up." He then gave me a packet of cards, which stated, in nice type beside his photograph, that he was running for Sheriff on the Democratic ticket. When I told him that I also was a Democrat, he seemed very pleased, and more so when I said that all of the people working on our house were residents of Hunterdon County, and that I would go back and do a little electioneering. (I regret to add that a Republican was elected.)

Mr. Danese of Stockton, two miles away, came up, shortly after we started to rebuild, to ask about the andirons and fire tongs for the big fireplace. "Want a big crane for the fireplace, Mrs. Rhodes?" "Yes," I said, "of course I must have a crane, and irons and all the rest." "Want me to make them," he said? "Of course." "That's what I thought," he replied. "I got 'em in the truck. I make 'em when you buy the house."

Photographs by Wesley Balz of Selwyn Ltd.

Mrs. Rhodes and her mother enjoy the unorthodox but very comfortable porch. Doors lead directly into dining room and kitchen for easy serving

I forgot to tell about the radiators. You see, having no architect gives you surprises. Our ceilings were so low and our window so high that we could only use a nineteen-inch radiator, and we had chased out all the walls so that all radiators were concealed. This was the stickler. I wrote to the Editor of *Master Plumber*, and he sent me to a wonderful man who was just fresh out of radiators. Then he sent me to a man in Perth Amboy. We found large radiators, but not the nineteen-inch ones. Queen's brother is something very important in the Waterman Steamship Line and, when I called him, he said they were ship's radiators and gave me the name of a ship-plumber supply house. The plumber said we must come within the hour; he had only four minutes! Our man Tarantola got one of his men, who was in New York at the time, to pick them up, and we were set. In the meantime, I got so worried about heat that I had collected three oil burners, but there were six people right in our neighborhood who wanted them.

Mr. Hewitt and Harry made all the kitchen cupboards and bookcases in their own shop, and then installed them, as they did the screens and storm windows. We had all doors and windows weather stripped, the windows of the dining room sealed, because it has a door and draft from two living-room doors. We put a bathroom in the small bedroom on the second floor and opened it into my mother's bedroom which then opens into her sitting room (formerly the second bedroom). This opens onto the terrace with a six-foot-two door. Some people bump their heads, and for this I am very sorry—but both mother and I are five feet tall, so sometimes we do things to our scale. It's perfect for midgets, if not quite right for grown people. I now had a little suite for Mother, a very nice room for Queen, her companion, a pretty guest room with a closet—and I had taken to the attic!

It took all of us all day to mix the green paint for the living room to match the background of the wallpaper in the dining room, now completely opened up with a glass door at the end. "All of us" were Mr. Hewitt, Eli, Harry and Jack Allyene, Joe Diltz, my near neighbor and painter, and Mr. Smith, the plumber. We just about gave up, because we couldn't agree. Then, finally, we put in a little more yellow and there it was—but oh goodness when we repaint! It will take time to assemble those paint critics again. My old friend, Mr. Wilk, came and made new slip covers, and the Meeting House at LaHaska stored our corner cupboards, the Dutch dresser, and Windsor chairs until we were ready for them.

WELL, I can't say much for the house except that it is light, quite colorful, not too traditional, and very comfortable, but I've got the best, most wonderful basement in Hunterdon County, and there I take my stand.

The walls are twenty-two inches thick, and the keystone arches are about five-feet thick—so it is always cool. Walls and beams are white, the ceiling yellow. We have covered the three walls with cupboards, using the extra doors we found about the place and some new homemade numbers. Mr. Danese made the little wrought-iron hinges. This is how it goes.

The first cupboard hides the pump and water tank. The second is for canned tomatoes, tomato juice, peaches and pears, brandied peaches, pickles, and applesauce. Next is the big keystone sealed up with a little iron door, where ashes drop down from the fireplace above. Next to that, a large supply closet with sufficient space for all of our winter groceries. Next, a jam closet, then a table under the window with three electric outlets where we may cook. Next, anybody's closet, (you can put anything in there that doesn't belong anywhere else, or just irks you). Then the big closet for the big coffeepot, the turkeys roaster, the big party casseroles and trays, the Dutch oven, and beer pitcher. There they are on shelves, and you don't have to crawl under, reach over, break your neck, your back, or dislocate your shoulder to get them, either. Under the stairs is a cleaning cupboard.

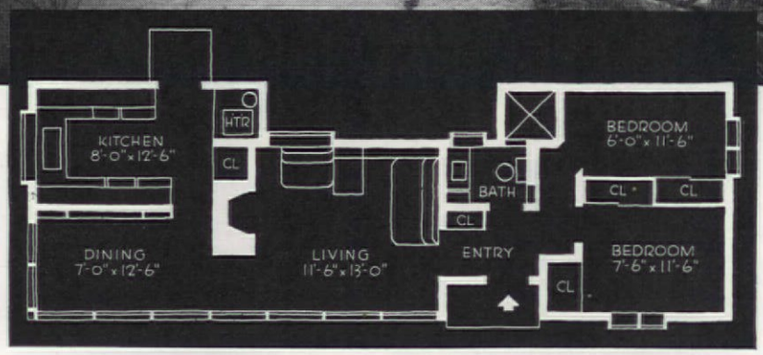
Then we have a lovely slat-pine door with huge handmade hinges, and through it we go into the laundry where there are tubs, a washing machine, ironing machine, our white and lovely oil burner, a toilet and shower—all light and airy. In this same room, under the keystone, there is a little wine cellar with a pine-slat door and great old strap hinges, also made by Mr. Danese. We have used fluorescent lighting in both basement rooms, in the kitchen, and behind the beam in the living room in front of the bookcase where it doesn't show—so that Queen and I have a direct, overhead light for Oklahoma.

I never have seen men have so much pleasure in doing a job as our crew. One day I said, "You know, we ought to have a housewarming." Joe Diltz called from upstairs, "Who do you mean by 'we'?" I called back at the top of my lungs, "I mean us, whom do you suppose?" He said, "Well, by golly that's something," and all the men looked as if they thought so, too. So, the week after we moved in, we invited every man who had so much as turned a spade on the place, to bring his wife and children, if they wished to come, to the housewarming—their house, as well as ours.

Thirty-six people came to supper, and we danced in the basement, visited upstairs, and had fun until three-thirty in the morning. Neighborliness gone out of this world? These men quit other jobs, that could wait, to come and help us, and they had no one to act as a checker-upper on time, although they were all paid on an hourly basis. Mr. Hewitt was responsible for his men. He helped and advised me with everything, and asked ten per cent of the amount paid to him. Jack Allëyne is our farmer, and he worked as hard as he could on the house, helping when he could, at his regular salary. The plumber and electrician did their own jobs. I worked with Joe Diltz and his son, Roger, on the colors and the paint, and they were also on an hourly basis. This is for the skeptic who doesn't believe these things happen any more. The spirit of friendly co-operation is as alive as ever, but it takes both parties concerned to make it work.

Rebecca Tarshis

Glass Walls Did Major Job Here!



Remodeled Bath House of Mr. and Mrs. W. F. Severins Neskowin owner-designer

Oregon

When the W. F. Severins moved to Neskowin, they bought a view lot overlooking the Pacific Ocean. This was in 1945, when wartime restrictions made it impossible to build their dream house. Nevertheless, there was an acute housing shortage in Neskowin, just as there was in every other part of the United States. After a fruitless search, the new owners had no other alternative but to make livable the old bathhouse, a sad eyesore on their own property. With more imagination than materials, they eagerly tackled this reconversion problem. The results of these efforts are so gratifying that even small children stop to peer shyly at the gay little house which looks as if it had been left on the sand by the genie of Aladdin's lamp. Mr. Severin, an architectural designer, readily assures admiring callers that this is no feat of magic but good, common-sense planning. "The job was done when supplies were hardest to get," he explains. "We had to adapt to

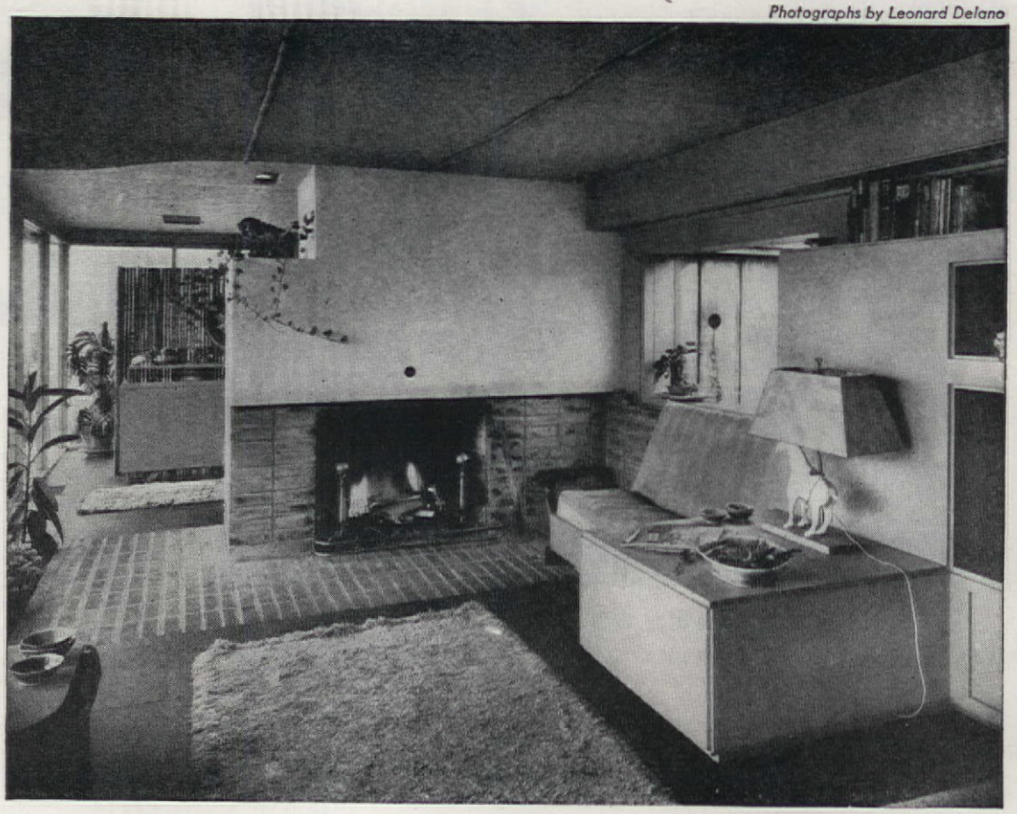
The blue Pacific is an ever-interesting mural seen through floor-to-ceiling windows in the spacious living room

Photographs by Leonard Delano

our needs whatever material could be found. Furthermore, since this was a temporary residence, we had to keep costs down to a minimum."

Built eighteen years before, the bathhouse had been allowed to disintegrate. Storms had loosened its siding; picnickers had pryed off boards. Only the cement foundations, sunk five feet in the ground, had escaped damage. Its shape was roughly that of a capital "H"—a long, narrow, central area with projecting wings at either end. Showers and dressing rooms had been housed in these wings.

By allowing the original walls and foundations to dictate the size and arrangement of his rooms, Mr. Severin eliminated the need for major structural changes. For economy's sake, bathroom and sleeping quarters were kept in one wing, the kitchen in the other. By bringing the floor, on the south side of the central area, out flush with the west wing, 80 square feet were added to the new living-room space allowing room for a small, recessed porch, too. Construction of a ceiling-to-floor window wall enabled Mr. Severin to salvage more



View toward dining area shows interesting brick treatment at fireplace and hearth. Divan under window originally was old, discarded automobile seat

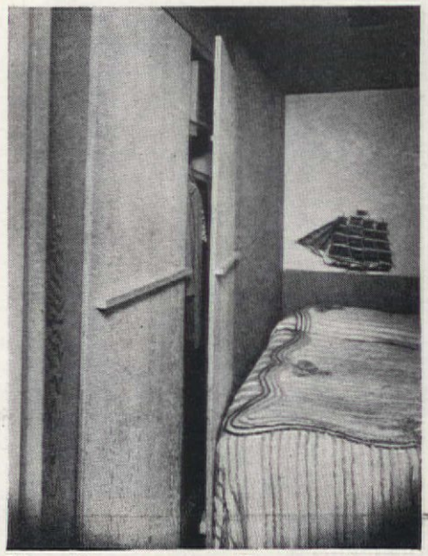
Galley-type kitchen has open, sloping storage shelves above counter, and broad picture window looking out on ocean. Double doors in cupboard make "searching" easier

than enough siding to repair the damages in the other outside walls. This window wall has already proved its worth structurally, having withstood the pounding of a 60 mile-a-minute gale.

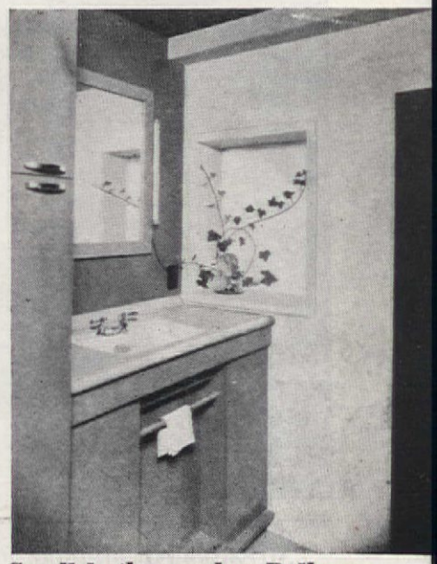
Finishing the interiors was done almost exclusively with odds and ends. To plaster, plywood and random-width boards, the owners added common brick and materials with interesting natural finishes, such as bamboo bats, rattan matting, and burlap. All of these materials were ingeniously combined to carry out what might be termed a modified Chinese-modern motif.

A semifloating wall was used to partition off the bathroom and sleeping section from the living room. In this wall, Mr. Severin built a guest closet, drawers for linen, and a drop-leaf desk. At the opposite end of the living room another wall, recessed at top, screens off kitchen and dining areas. A fireplace forms part of this wall. The small kitchen was carefully planned to save a maximum amount of space and improve efficiency. Over the sink a wide window frames the ocean view, while above the drainboards and counters, the cupboards have shelves of graduated widths, widest at top, narrowest at bottom. The bedroom sizes can be changed by the use of a convenient movable wall between. When overnight guests arrive, walls are moved and, presto, two rooms of equal size are created. When no guests are at the house, the bedroom is made larger and the leftover smaller space is used as a den.

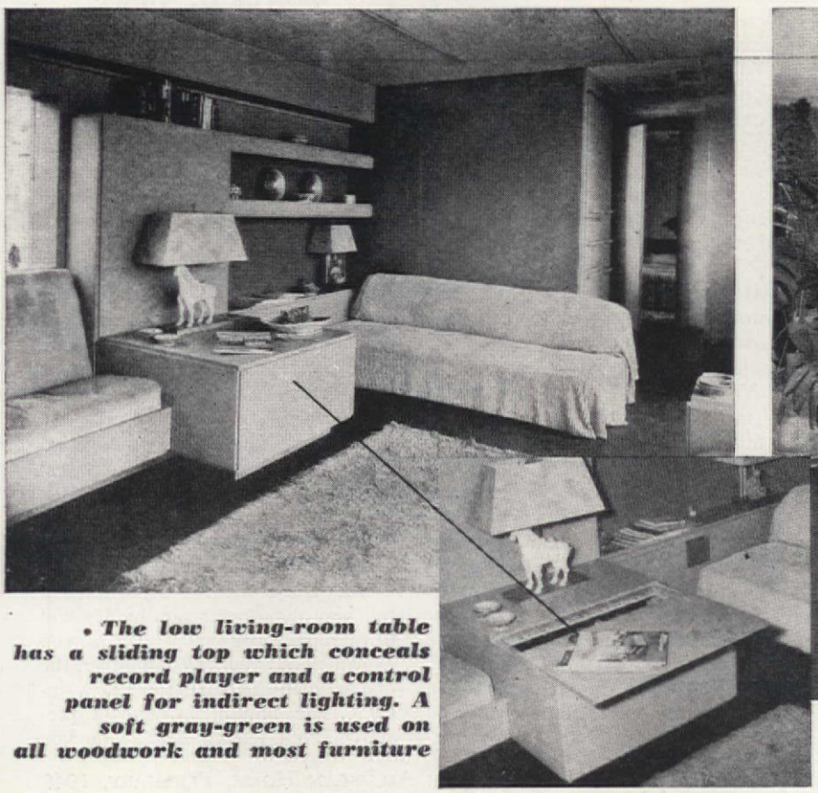
Shingles of the roof have been colored chartreuse and are laid in wavy lines. The window frames, front door, and trim are white, a crisp, clean foil for the weather-beaten siding. Front door, window frames, louvers and outside surface of mullions are white. On their inner surfaces, close to the panes, the exterior mullions are painted the same color as the interior woodwork. The garden has not been created as a separate unit but, rather, as a component part of a single project.



Movable closet wall on casters for changing size of bedroom



Small bathroom has Pullman sink and good storage space



• The low living-room table has a sliding top which conceals record player and a control panel for indirect lighting. A soft gray-green is used on all woodwork and most furniture

Rattan matting forms an effective background for the dining area, with its salmon-pink walls and ceiling

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Tracking Down a Vacation Home?

No football coach who can be Whistler's Mother one moment and a wolf-in-sheep's-clothing the next is your real-estate dealer. But don't pick just any agent, choose wisely and you'll find your agent an invaluable aid when you go out looking for that new escape house

George R. Moore

THE popular pictures have it that a house buyer who steps into a real-estate agency is hardly better off than Little Red Riding Hood with her head in the wolf's jaw. A man going down for the third time enjoys a brilliant future—so it seems—compared with the poor boob across the desk from a "wily real-estate man." (That's right! The quotes are from THE AMERICAN HOME of June 1947!)

To read some of these bits of advice is to assume that the average house buyer is completely unable to distinguish between an abandoned small animal hospital and the cute Cape Cod cottage he wants. The real-estate agent is pictured as being responsible for this otherwise unexplainable state of confusion. Not only that, but he seems to take a perverse delight in trying to sell the buyer the most shameless fraud he can dig up.

Now, let us back off and look at this problem once again, this time through the eyes of a real-estate agent. He certainly ought to know something about buying houses.

Your real-estate agent, because he is in daily contact with a field into which the average buyer steps infrequently, can be a wonderful help if you use him correctly and refrain from treating him as an unapprehended crook. Any real-estate agent can tell you about the prospective buyers who are so skittish they even refuse to accept a chair, and stand by the door as if fearful of being drawn into some vortex of supersalesmanship and ending up the surprised owners of a pig farm 26 miles from town. You owe it to yourself to develop a reasonable approach to the agent. Let's see just how its works.

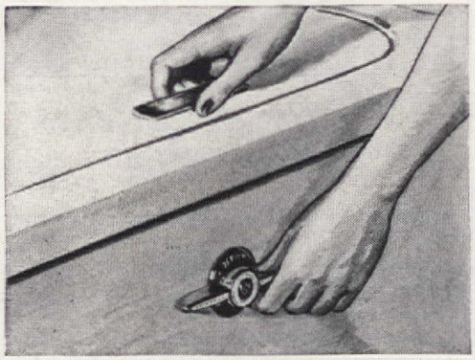
In the first place, choose your agent as you would any other person who is going to help you spend your money. Choose him through the advice of experienced friends, through reputation, or simply by checking on the years he has been a good member of his community. "Wily" real-estate agents, like wily doctors, lawyers, plasterers or plumbers, just don't seem to last. Next, do *not* insist on being your own—and only—expert. Don't be inflexible about your needs. Oh, yes, we have all read advice exactly to the contrary. But, in actual practice, the opposite is more often true. A flexible outlook and a nimble imagination are the keys to sound and sensible buying.

Your real-estate man hopes you will tell him about your family. He will learn more than you realize as you explain about your infirm mother, the one-and-one-half cars, the yearly income, the monthly payments preferred, your leisure habits (do you

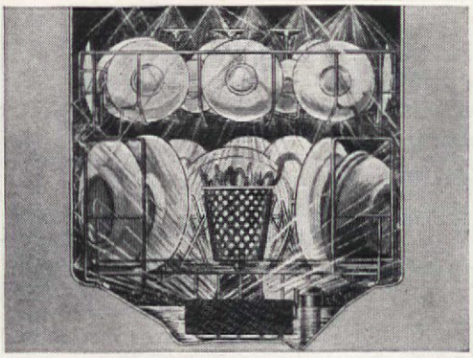
I can do this—and the dishes at the same time!

Wonderful new General Electric Dishwasher washes dishes sparkling clean automatically. They dry in their own heat!

1. What a break for busy housewives—never to have to wash and dry dishes again. Just put everything—china, glassware, silver—right into the Dishwasher. Stationary racks hold them safely. Enough space for a whole day's dishes for a family of four . . . will do pots and pans, too.



2. After adding the detergent (not soap), you simply close the cover and turn a switch. The Dishwasher is now at work, getting each piece cleaner than you could by hand. Your job is done—you're free—to do whatever you choose.



3. Without any attention from you, each piece in the Dishwasher is thoroughly cleaned and scoured by the hot water and detergent. Only the water moves—*not* the dishes. They stay firmly in the racks. Then . . .

4. Automatically, the dish water drains out. And—automatically—the dishes are given *two* rinses in clear, steaming hot water. They are now sparkling clean, *hygienically* clean . . . cleaner than you could get them by hand!

5. Now see the sparkling results. Automatically, the second rinse water has drained out, the lid pops open letting both dishes and Dishwasher dry in their own heat! Yes, the job is done—perfectly—in the time it takes to do your nails.

YOUR CHOICE OF 3 TYPES

1. Dishwasher, without cabinet, for installation in your own kitchen work surface.

2. As a separate appliance in a cabinet of its own (24 inches wide).

3. In a complete General Electric Sink* (48 inches wide). General Electric Company, Bridgeport 2, Conn.

• • • •

*Can be equipped with Disposall (General Electric's registered trade-mark for its food-waste disposal appliance)—the marvelous electrical helper that gets rid of food waste down the kitchen drain.

FOR THE COMPLETE TABLE-TO-SHELF DISH JOB

AUTOMATIC DISHWASHERS

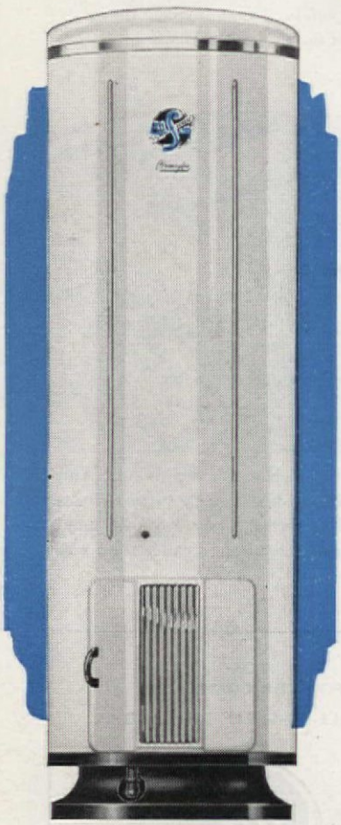
GENERAL ELECTRIC

It IS an Amazing Discovery!

"Packaged-in-Glass" Hot Water!

Because it means cleaner, *purer* hot water, free of all tank rust and corrosion dirt . . . from a tank as sanitary as a clean drinking glass!

No Rusting-
No Corroding



Gas or Electric

All the Hot Water you want . . . at the turn of a tap . . . is a wonderful convenience. Yet it is just as important that your automatic hot water be *clean*—not stained and dirty with tank rust and corrosion.

A *Permaglas* Water Heater gives you cleaner, purer hot water because its tank CANNOT rust or corrode under *any* water condition. Sparkling blue and mirror-smooth, the "*Permaglas*" tank is *glass-fused-to-steel* . . . sanitary as a clean drinking glass!

And because it cannot rust, you can depend on a *Permaglas* Water Heater for long, trouble-free service.

See this really modern water heater soon . . . as modern in *every* detail as it is in scientific cleanliness protection. At leading public utilities, merchant plumbers, and better appliance dealers; or write the nearest office below for full information.

Guaranteed by Good Housekeeping

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Manufacturers also of better zinc-lined *Duraclad* and *Milwaukee* Water Heaters

like gardening or do you spend your Sundays Saturday nights?). With this helpful information available, an experienced agent will have no need to parade you through a dozen houses. Instead, he will take you to two or three places, and these few homes he shows you will be the closest he can come to answering your housing needs within the price range you can afford. Is there anything "wily" about that?

You should keep an open mind on price, too. There is little danger that you will carry this advice too far. Natural caution will save you from an excess of open-mindedness. But, be flexible. The hottest value in town may be priced $250 above your intended ceiling. However, if you can buy $1,000 in extra value with the extra $250, that makes it worth while to cut a few corners somewhere else.

You must have a three-bedroom home? You may find a two-bedroom home that answers every one of your desires as to availability of public transportation, social atmosphere, and shade trees. If the price is right, you might build that third bedroom more easily than you can grow spacious shade trees.

One thing you can certainly depend on: your agent is just as anxious to show you a bargain house as you are to find one. What profit is there to the agent in butting his brains out trying to sell a turkey next to the city dump when he has a good listing on his books which is worth the money and, therefore, easy to dispose of?

While we are on the subject of price, let's get rid of another general misconception right now. The agent is *not* interested in keeping the price up, if it can be brought down. Nothing cheers the agent like having the seller come down in price to a level that invites fast trading. A dependable commission on a $10,000 sale looks a lot nicer than a "maybe" commission on the same house at $12,000.

The moral of the argument is this: No real-estate agent is "wily" enough to create out of whole cloth, the qualifications which will influence your purchase of a home. Let us acknowledge that he has no black magic in his sales kit. Co-operate with him so he can co-operate with you, and you will find him a tremendous help in locating your home among-all-others. After all, he can't make a living cramming unlovely junkers down the public's unwilling throat. His business is to find *you* the house *you want*.

ARE YOU GOING TO MOVE?

If you wait until you actually move before advising us or the Post Office, copies of THE AMERICAN HOME will continue to go to your former address and the Post Office will notify you to send postage to have the magazine forwarded. Because of scarcity of copies we cannot duplicate copies to new address.

Please notify us at least thirty days before you move, telling us the date you will move, and be sure to tell us your old address as well as the new address. If you can send us the label from an old copy it will help.

The American Home Magazine
55 Fifth Avenue, New York 3, N. Y.

HOW TO MODERNIZE YOUR *Main Entrance*

for as little as $50.00

● Your garage doors are as much a main entrance to your home as your front door and can be the cause of more trouble.

Why put up with the annoyance of sagging, binding doors, when you can have fine-appearing, smooth-working STANLEY Floating* Door Equipment at such low cost? Makes old or new doors weathertight and balanced for easy opening.

Get in touch with your local Stanley Dealer or write for complete information. The Stanley Works, Garage Door Division, New Britain, Conn.

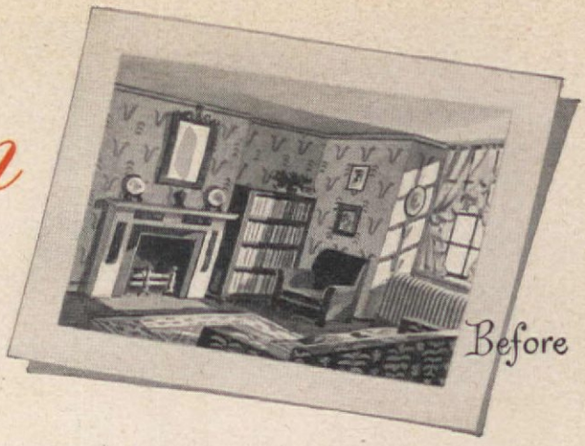
STANLEY

Reg. U.S. Pat. Off.

floating

DOOR EQUIPMENT FOR GARAGES

How to *Transform* a Humdrum Room



...with Traditional Charm ...or modern glamour

Pipes and dogs and hunting scenes. All the tasteful, graceful charm of another day. *You* can have a Walnut Weldwood installation like this for about $414.00** (Material $211; Installation $203).

Or do you want a suave touch of tomorrow in your home? Vertical panels of light oak Weldwood strike an exciting modern note. And the price for an installation like this? About $374.00** (Material $171; Installation $203).

...*for as little as $12 a Month!*

Work a miracle.

Take an ordinary living room. Cover the walls with Weldwood*. And look! The room is alive . . . gracious . . . strikingly beautiful.

Mellow and dignified, with the quiet charm of traditional wood-paneled walls (once a luxury only the wealthy could afford). Or glamourous and sophisticated, with the crisp, clean lines of modern design.

"Oh yes," you say, "but that's too expensive for me." Nonsense! With Weldwood Hardwood Plywood, you can bring beauty like this to *your* favorite room for as little as $12.00 per month (FHA 3-year Home Improvement Loan).

And you'll find that modest amount one of the best investments you ever made. For Weldwood walls are a *permanent* improvement...*guaranteed* for the life of your home.

You'll never again have the periodic expense of papering and painting. Your Weldwood walls will remain luxuriously beautiful for a lifetime.

So look into Weldwood. See your lumber dealer right away, and ask him to estimate the cost of remodeling your favorite room with Weldwood. Meantime, send 10-cents for our booklet, "Beautiful Wood for Beautiful Homes." It will help you start your planning.

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Weldwood Plywood and Mengel Flush Doors are products of United States Plywood Corporation, New York 18, N. Y. and The Mengel Company, Louisville 1, Ky. Branches in principal cities, including Toronto, Canada.

*Reg. U.S. Pat. Off.

**Based on Detroit, Michigan prices. Your costs may be slightly higher or lower, depending on local conditions and details of your particular installation.

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Start your home remodeling plans by reading our booklet, "Beautiful Wood for Beautiful Homes." You'll find many useful ideas to help you plan. Send 10¢ for your copy. Mail the coupon today.

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The S.O.S. Company, Chicago, Illinois, U. S. A. • S.O.S. Mfg. Co. of Canada, Ltd., Toronto, Ont.

Viking Game Room

Drawing by Marvin Monk

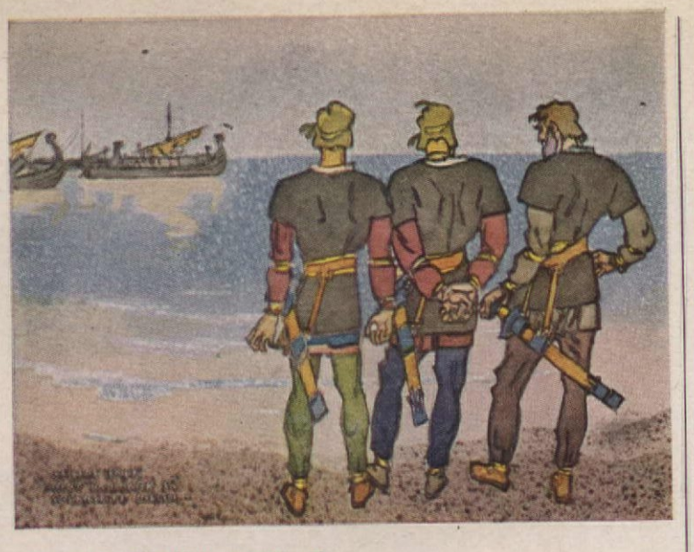
Both the virility and sturdiness of Viking designs and graceful line of Norwegian scrolls are eminently suited to decorating the American summer home

JOHAN Bull's murals, on page 55, were part of this noted artist's work exhibited in Oslo in 1946. As it is seldom permissible to translate a well-known painter's original work into easy copying form, we are particularly pleased to offer them to you as AMERICAN HOME Patterns. These subjects, taken from Norse mythology, are portrayed with such clean strength and vigorous line that they are appealingly masculine. As lively wall or door decorations, they dress up the summer camp without robbing it of rusticity or casualness so desired in vacation and week-end homes. Simple, coarsely woven fabrics, in one of the colors taken from the paintings, and sturdy furniture are best suited to this type of decoration. In carrying out the Norwegian theme in painted furniture, hand-

Upholstered British Oak chair has other smart pieces to match
Jamestown Lounge Co.

Captain's chair has matching trestle table in knotty pine
Habitant Shops, Inc.

Leather-upholstered stools and 5' bar also serves as a handy lunch bar for the small family
Habitant Shops, Inc.



AMERICAN HOME PATTERN No. A-971, 45¢

Viking legends, so important a part of early Norse literature, come to life in the paintings of the noted muralist, Johan Bull. Narrow border (not illustrated) and four large pictures are translated into easy tracings for stencil or freehand painting. Suitable decorations for camp, basement game room or boy's room. Pattern has tracings, color chart, painting directions

SEE CONVENIENT ORDER FORM ON PAGE 59

Photographs by F. M. Demarest
Paintings by Johan Bull

Stay Healthy... Eat WASHINGTON STATE Apples

✓ **FOR VITAMINS...**
Vitamin C is the great fruit vitamin needed to keep teeth and bones healthy, to build the body's resistance. Apples are now rated a good source of vitamin C. Apples also are a good source of vitamin A

✓ **FOR FOOD-MINERALS...**
Calcium, the bone-builder, is found in apples. Regular eating of apples also helps us absorb calcium and iron from other foods

✓ **FOR GOOD DIGESTION...**
Nutritionists call the apple a great "normalizer." This fruit is rich in pectin, which helps keep the digestive system active. Eating apples helps rid the lower digestive tract of poisons

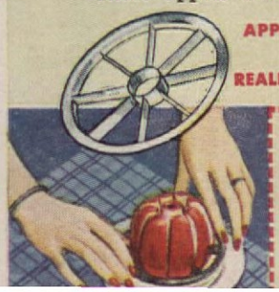
✓ **FOR FIGHTING WINTER GERMS...**
Regular eating of apples is known to help eliminate harmful germs in the lower intestine. Apple eating thus assists the body's winter defense against infections

This season's Delicious and Winesap apples are as fine as we've ever shipped from Washington's famous orchards. Eat some every day... *for health that tastes good*

Doctors tell us that during winter months the human system needs fresh fruit every day. You need it for *health*, for increasing resistance to illness. And right now fine eating apples are plentiful.

These apples from Washington State are so crisp they crackle when you bite into one. And full of juice. Keep a supply of Washington Apples in your refrigerator—that protects their vitamins and their wonderful flavor. Eat some every day—crisp and cold, the way apples taste best.

APPLE SLICER THAT REALLY WORKS! **YOURS FOR ONLY 25¢** . . . stainless steel slicer, won't rust. Press it down over an apple. You've cut the apple into eight wedges—*and* you've also cored it! While the supply lasts—only 25¢.



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For 25¢ enclosed please send me postpaid one apple slicer as offered in your advertisement.

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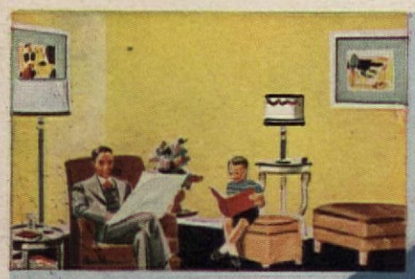
-IT "STAYS PUT" on CONCRETE or WOOD... EVEN IN BASEMENTS!

You don't have to worry about wear and tear on recreation room floors—or *any* floors for that matter—when you use Truscon PARATEX Floor Coating with the famous, durable chlorinated rubber base. Beautiful, colorful, durable floors are just that easy to have—and that goes for concrete, too, because PARATEX is absolutely proof against the alkali in concrete which ruins ordinary finishes in no time. Remember, PARATEX, though it goes on as easily as paint, is not a paint in the ordinary sense. It's a specialized, chlorinated rubber floor coating. Be sure you get genuine Truscon PARATEX. Ask your dealer or painter or write for full data and color card. Address Dept. C-10, *Truscon Laboratories, Division of Devoe & Raynolds Company, Inc., Detroit 11, Michigan.*



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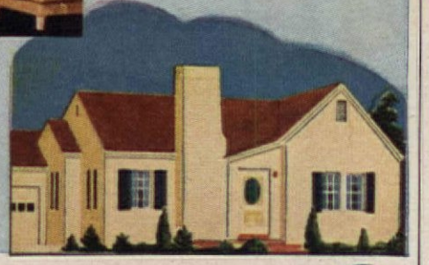
This is the finest interior wall and ceiling decorative finish you could ask for. It is a durable, self-sealing, no-primer, rubber-base coating of great beauty. In white and colors.

TRUSCON PARA STONETEX EXTERIOR MASONRY COATING

If your home is of masonry construction or sheathed with asbestos siding, choose this long-lasting and beautiful rubber-base finish. For decorative and protective value it has no equal.



TRUSCON laboratories

AMERICAN HOME PATTERN A-968, 25¢ *Paint transforms maple chest into decorative living-room piece. Tracings, painting directions*

some, unobtrusive scrolls will in no way detract or conflict with these legendary subjects, but should be used sparingly, if in the same room.

If you have just acquired a new summer camp, you may be among the many faced with the unattractive problem of using leftover furniture in need of rejuvenation. Or, you may have been happily settled in one for years, and want to change the appearance of its furnishings. Furniture in good working order never has to be discarded nor need you allow it to become tiresome. Here are a few ways of giving the old things that "new look." A handy man with saw and hammer can shorten a too-high chest, bookcase or table, and remove ugly moldings. Painted furniture can be scraped to its natural wood and polished. Even changing the paint color gives a different look. Where decorated furniture fits best, we have a large list of pattern numbers from which to choose appropriate designs.

All designs by Viola Alarik
Photographs by F. M. Demarest

A. H. PATTERN A-969, 25¢
Graceful scroll design can be lengthened or broken up to fit bookcases, cabinets, chests, coffee tables, beds. Tracings and full directions

A. H. PATTERN A-970, 30¢
A decorated old-fashioned commode has a rightful place as dressing table, dining- or living-room chest. A color chart, tracings, and painting directions

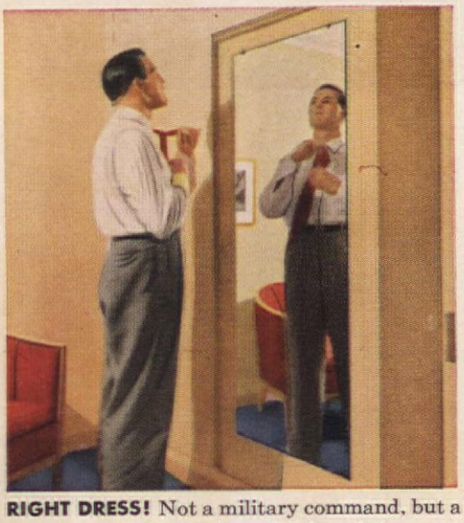
THE GLASS IN FATHER'S LIFE

(room by room)

You don't need to follow Father through very many rooms to discover that glass makes his life much more pleasant. For while glass is chic and glamorous enough to delight the feminine heart, it can also be as masculine and practical as Scotch grain leather or a good carving set.

HE-MAN SHOWER. Father loves to splash! And here's a bathroom he can splash in to his heart's content. Walls of colorful Carrara Glass, ageless, easy to clean, impervious to water and chemicals. And a shower door of handsome Pittsburgh Heavy Plate Glass.

Look for this label—
the mark of quality Plate Glass



RIGHT DRESS! Not a military command, but a promise, when Father has a full-length door mirror in which to inspect himself before facing the world's gaze. Half measures won't work here. Be sure his mirror is at least 5½ feet high—and of Pittsburgh Plate Glass for clear reflections.

HE'S A PRACTICAL MAN. That's why he likes these modern Pittsburgh Corning Glass Blocks that let in daylight but guard privacy . . . and the big Plate Glass desk top that protects the finish from damp tumblers, neglected cigarettes, spilled ink.

WHERE CAN I BUY? Your department store or other local glass supplier can help you work out your ideas for the use of mirrors and glass in your home. And when you buy, be sure to look for the blue Pittsburgh Label. It means *quality* Plate Glass.

FREE BOOKLET! Full of ideas on how to decorate your home with glass. Profusely illustrated in full color. Suggestions for both old houses and new. Send the coupon for your copy.

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PITTSBURGH PLATE GLASS COMPANY

You're just in time for the floor show!

New Glo-Coat gives a far brighter shine ...without rubbing or buffing!

Natural color photograph

Bright news indeed!

You know what a favorite Glo-Coat has always been for *shine! New* Glo-Coat gives nearly *twice* as much shine as before...without any rubbing or buffing. Just apply it in the usual way—let it dry—and you'll say your linoleum floors have never looked so bright...their colors never so fresh and gay. Varnished wood floors, too, shine with new beauty. What's more, the same bright Glo-Coat polish that beautifies your floors *protects* them. Spilled things and muddy footprints wipe up quickly. Dirt doesn't readily penetrate the tough wax film, so linoleum actually lasts years longer. The wax protection maintains the beauty of wood floors, too—protects them from becoming rough and ugly.

Try brighter-than-ever Johnson's Glo-Coat this very day. Discover why more women use Johnson's Self Polishing Glo-Coat than any other floor polish!

SAVE MONEY by buying the larger sizes

Bring out the Beauty of the Home...

Five Famous Johnson Polishes

Self Polishing Glo-Coat, Paste Wax, Cream Wax, Liquid Cleaning & Polishing Wax, Carnu for cars

Smile a while with Fibber McGee and Molly Tuesday nights—NBC

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Fascinating!

. . . these modern table accessories in chrome and fine glass

a. compote
b. candy dish

But two of many utterly different Krome-Kraft innovations in lustrous non-tarnishing chrome and fine hand-made colored glass! Patented chrome mountings protect glass, snap on-off for easy cleaning. Superb gifts! At jewelry, gift and department stores. Send for folder.

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"Distinguished for Quality"

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FOR 1/5 THE COST OF COMPARABLE SOCKS

KIT CONTAINS
SUFFICIENT MAROON OR BEIGE YARN WITH ARGYLE COLORS
10 YARN BOBBINS
4 SOCK NEEDLES
INSTRUCTIONS

COMPLETE KIT $1.00 POST PAID

No. 102—Just imagine . . . you can Knit a pair of the colorful and popular argyle Socks for just $1.00! The Fun . . . the colorful interest involved you can't afford to miss! This complete Kit of materials includes sufficient Beige or Maroon background Yarn with Argyle colors, to knit a pair of socks up to size 12, also 4 Sock Needles, 10 Yarn Bobbins and complete easy to follow instructions. 100% Satisfaction or your money back. Order by number and choice of color.

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Show lovely All-Occasion Greeting Cards, Stationery — to friends, neighbors, co-workers. NO EXPERIENCE NEEDED — FREE BOOK shows any beginner how to make money! Write for samples. If friends don't snap them up, return at our expense. HARRY DOEHLA CO., Dept. A9, Fitchburg, Massachusetts.

AMERICAN HOME PATTERNS ORDER FORM

Please allow two weeks for mailing and handling

(Patterns illustrated on pages 55 & 56)

- ☐ A-968 Norwegian Scrolls .....25¢
- ☐ A-969 Norwegian Scrolls .....25¢
- ☐ A-970 Norwegian Flowers .....30¢
- ☐ A-971 Viking Figures .....45¢

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(Miscellaneous Painting Patterns not illustrated)

- ☐ A-906 Antique Mirror .....20¢
- ☐ A-907 Antique Mirror .....20¢
- ☐ A-908 Tea Caddy & Pot .....20¢
- ☐ A-909 Tea Chest .....20¢
- ☐ A-910 Bellows .....20¢
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PRINT name and address in coupon, which will be used as label for mailing patterns. Cut out order form along dash lines, check patterns desired, and send M.O. or personal check to: (Please do not send stamps)

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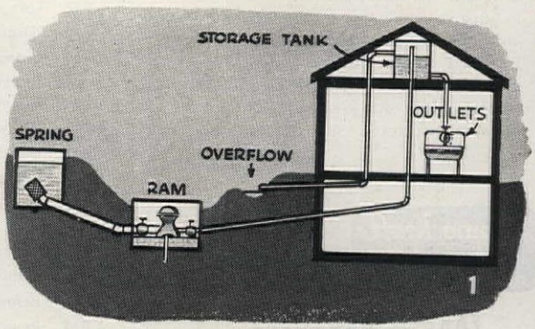
Ruth and Hans von Behr
Edward L. Coster

Beyond the Mains . . .

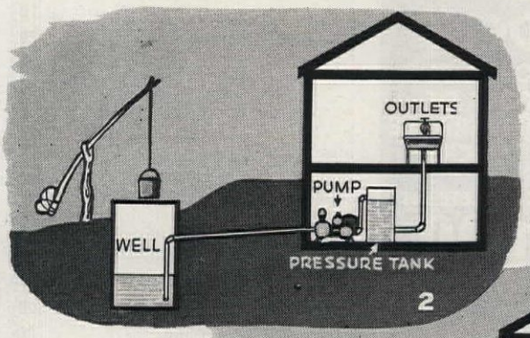
You will still need an adequate water-supply system

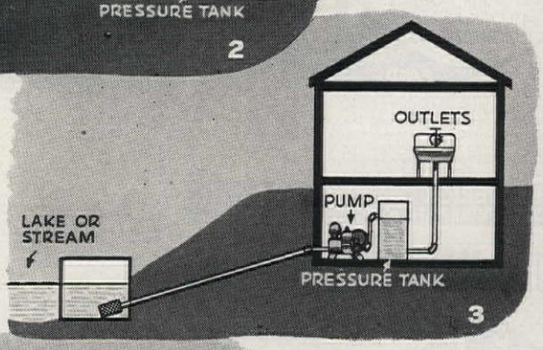
FEW country towns have water works so, in most cases, a well, spring, or other source of water supply is essential in a summer place or a country home. The two articles that follow discuss various water systems, their possibilities, advantages and disadvantages. Ruth and Hans von Behr speak first of their experiences, and those of their friends, with country water supplies and systems.

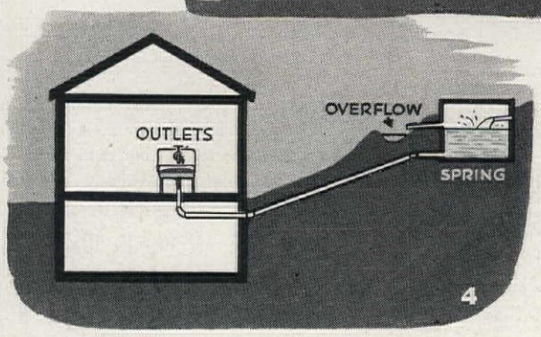
The well at our country home had served the previous owners for 150 years and us for 12. However, a long spell of dry weather—six weeks with almost no rainfall—began to have a threatening effect on our water supply. The crisis came when week-end guests arrived, and not a drop of water could be coaxed from the fau-

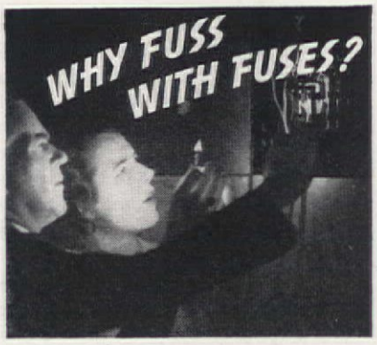


Four different types of water systems for the country. 1) A Spring and ram system. Hydraulic ram requires no electric power to operate. 2) A shallow well with pump and pressure tank. 3) Water pumped from a lake or stream. The source of water must be tested for contamination. 4) Gravity water supply from an uphill spring









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cets. Here our troubles really began. If you are an urbanite or a suburbanite, you probably have not experienced such a nightmare. Country dwellers will understand us, though, for they have seen just such a dehydration nightmare turn into a reality.

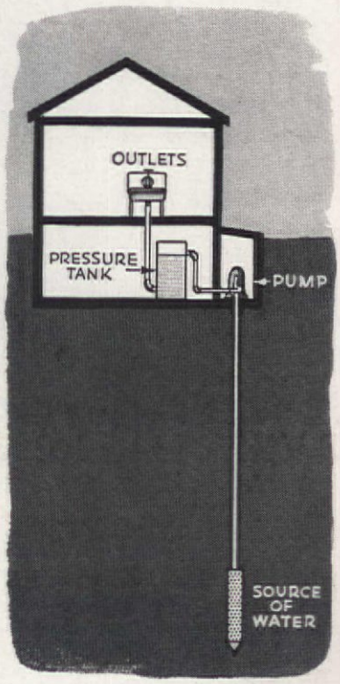
Some friends of ours, who boasted of their inexhaustible water supply, had plenty during their first three summer seasons. But during the fourth summer their well dropped low and finally went dry. For more than 100 years their well had been pumped all through the year. However, the rusticating city people used it only during the summer months, and the rest of the year the well was unused. As a result, those feeding subterranean water veins had found a new underground passageway.

Other friends had a buried pipeline from their hillside spring. It must have been there for at least fifty years. Eventually it rotted in the ground and a new pipeline had to be dug in, 600 feet long and 3 feet deep.

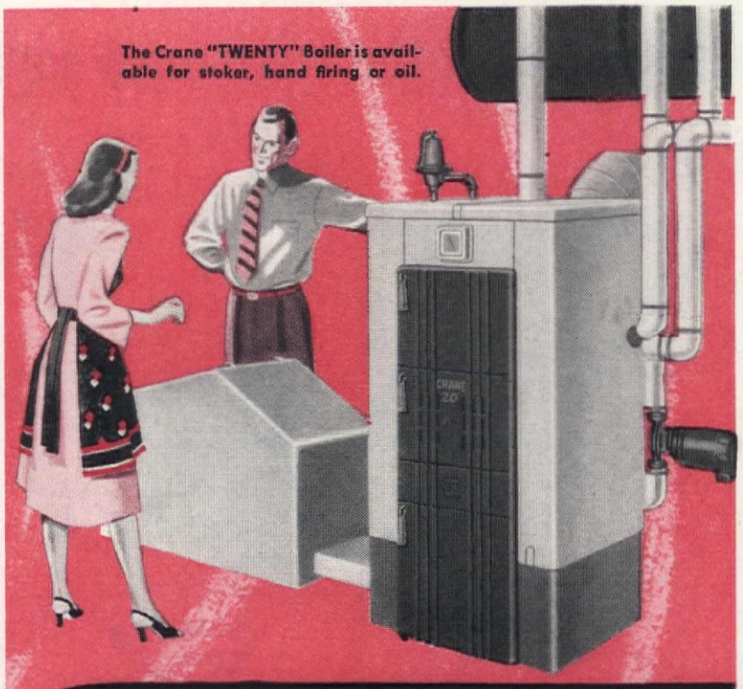
Living in the country puts you on a more self-sufficient basis; you install and operate your own water-supply system, sewer disposal plant and, if there is no electricity, you may add a power plant to the list. But no matter what system you have, it is advisable to have drinking water analyzed for traces of pollution.

The late summer months, August and September, present the critical period in the northeast. Rainfall is at a minimum, and the water table (upper surface of ground water) has dropped. Shallow wells are low and springs slow down, but deep-drilled wells, undisturbed by sunshine or rain, remain dependable.

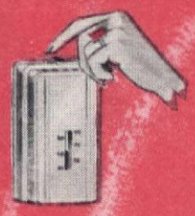
Another source of water is the cistern which uses rainwater from roofs for its upkeep. They are often found



Most reliable type of water supply is the artesian well, described in text. Deep well pump and pressure tank are required with this system



UNRESTRICTED CHOICE IN HOME HEATING . . .



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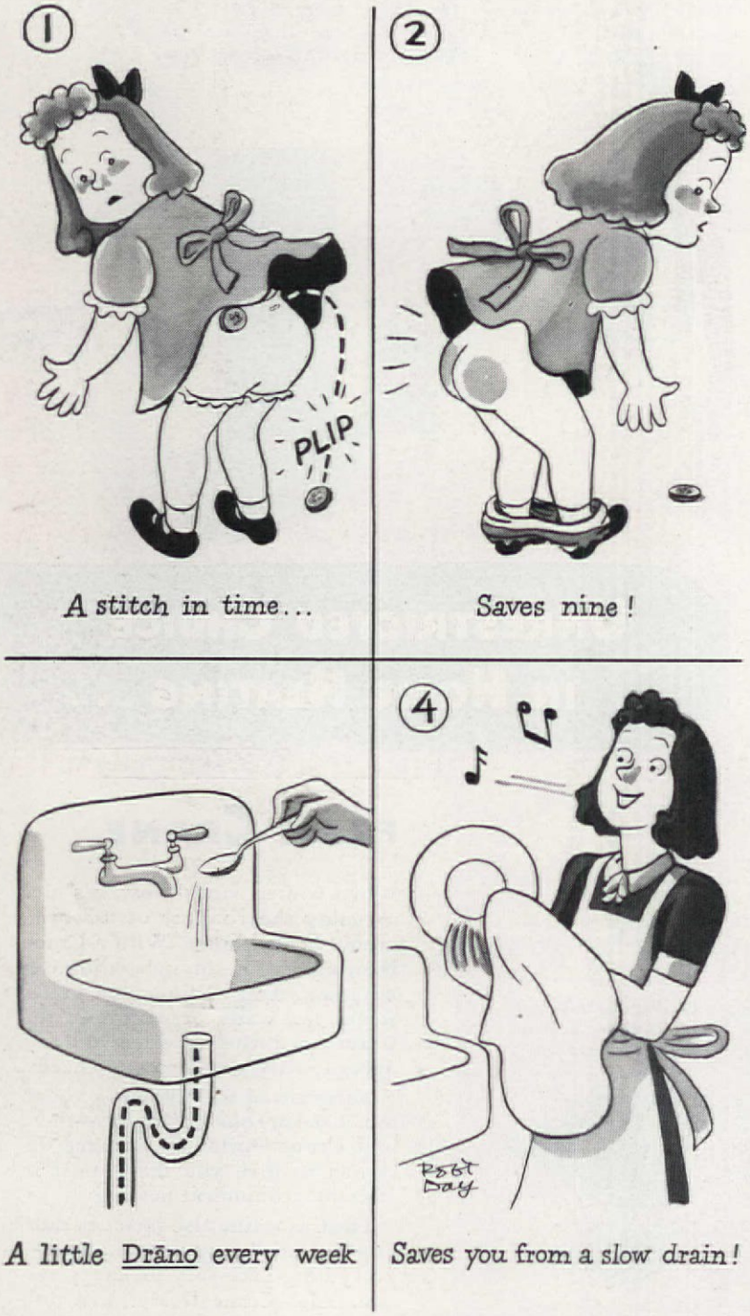

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Saves you from a slow drain!

THAT'S ALL IT TAKES to avoid the annoyance of slow-running drains—just one tablespoon of Drāno once a week! For Drāno boils out clogging waste that gathers in drains. Boils out filthy sewer germs, too!

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Harmless to septic tanks: makes them work better—cuts down odors.

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near the house, deep stone-walled holes in the ground, sometimes covered with rotting boards. They present a hazard, and are a potential breeding place for mosquitoes. However, if you ever have used rainwater for washing clothes, dishes or shaving your beard, you know there is nothing better. Rainwater is soft; well and spring water, due to their mineral content, are hard.

As we come to the end of our watery tale, you may want to know what happened when our guests arrived and the faucets went dry. Well, for the duration of the emergency, we dipped the old oaken bucket 30 feet down into the well and lifted water, bucket by bucket. For washing we used cistern water, and we hoped for rain.

Fortunately, we have a 40 foot well, but our pump could lift water only up from a depth of 25 feet. Therefore, we replaced this shallow well pump with a deep well (jet) pump, capable of lifting water from a greater depth, and the remaining 15 feet of the well could be used. We hope that our water table never falls lower than that. If it should, we will have another water nightmare to face. But for the time being—all is well.

The von Behrs have told about some of the elements of a water system that should be considered. Mr. Coster now tells about the process of drilling an artesian well.

Of course, again it is essential to do some preliminary investigating of water conditions in the vicinity. You probably will find that most of the neighboring houses are supplied by artesian wells, and that the depth and output of these wells are either fairly uniform or extremely varied. Finding out about this will give you the general range of depths and capacities of wells drilled near by and, though by no means infallible, indicates roughly what you may expect.

Chances are that an artesian well indicates a subterranean water source that, when struck, flows up to ground level but, in general terms, can include any well drilled through rock.

A well-driller should have a large drilling machine. He will have several tons of drill tools of high-grade steel, a blacksmith's forge for heating and dressing drill bits, service trucks, steel drive pipe and casing.

A DRILLER is in charge of the operation of the machine. His helper relieves him of the routine, less skilled jobs. After the equipment is set up and blocked into position, all work is performed on a wooden platform built around the well to assure safe footing. A good driller never leaves his platform during the hours the machine is operating.

The well contractor charges by the foot for each foot drilled. Your well may be 50 to 100 feet deep and you will be charged by the foot. Sometimes the contractor limits the total footage to, say, 200 feet; that he agrees to drill at a certain rate. After

Setting for Charm

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this, if it should be necessary to drill farther, there will be a slight increase in the price per foot.

The well should be near the house to avoid a long and expensive run of pipeline, yet conveniently situated so it will not interfere with future development of lawns and gardens.

The machine drilling your well is called a "percussion" or "cabletool" machine, and the principle and purpose of this machinery is to lift and drop a string or drilling tools (weighing about a ton) in a rhythmic and shattering stroke. As the well deepens, the cable to which the tools are attached is played off and the drill bit keeps chopping its way down through the underground formations.

Correct starting of the well is important, for a crooked entry into the rock formation can make it impossible to proceed, and means starting over again on a new location. Until a solid subsurface rock is encountered, sections of 8″ starter pipe are induced to follow the progress of the drill tools as the well deepens. Water is needed at this stage, both for diluting pulverized earth and small boulders so the well can be kept clean by bailing out the sludge, and to wash free any substance binding the pipe.

In your well we'll assume rock has been struck at 37′. Everything being all right to this point, drilling continues 10′ through this rock ledge. At this depth, 47′, the well is ready to be cased off. The 8″ starter pipe is withdrawn and a 6″ line is cemented firmly into place at this juncture, within the rock ledge. Surface drainage, which may carry contamination, is closed off completely. From here on it is a simple matter of drilling a 6″ hole through the rock until a water bearing vein is intercepted.

Assume your well has progressed to a depth of 100 feet, with little indication of water except for a small vein at 80 feet. A bailing test made at 100 feet shows this to be only 2 gallons per minute. The test is made by bailing out all water in the well and then timing the refill. By dropping a small bob or wooden block, suspended on a long wire, the water level can be found and measured in feet per minute as the level rises.

Your house will need five gallons per minute, so you have no alternative except to drill deeper. At 150′ the bailer test is performed again and this time shows eight gallons per minute. A deep-well pump is dropped into the well and operated by the machine. After eight hours of continuous pumping the well is proved to yield 7½ gallons per minute.

All undesirable seepage and matter having been sealed off, the water is clean. It should remain sanitary and be a reliable source which will supply all your normal demands.

Your well is finished and, as it turned out, was about normal. Assuming an average of $5.00 per foot, your 150′ well has cost you $750.00.

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The day has now come when homes can be heated by means of Base-Ray *radiant baseboards*. They are practically invisible and so completely "out of the way" that rooms become 100% livable.

Burnham offers you this significant improvement in *radiant heating* through BASE-RAY Radiant Baseboards. They are supplied with hot water or steam from your regular heating boiler. BASE-RAY replaces the customary wooden baseboard on outside walls and is painted to match. You enjoy clean Radiant heat and cozy draft-free warmth. Mail coupon for more facts on this sensational new development in home heating.

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Mr. C. K., Detroit, had Chamberlin Combination Storm Windows put in his home. He writes: "In January, I tested worth of windows. Am highly pleased. Will recommend them to all our friends!"

Banish miserable "frigid zones" around your windows all winter! Get Chamberlin Combination Storm Windows! They stop heat loss *through* glass, keep J. Frost outside. Storm sash fits into neat, permanent, calked-in frame. Repay cost in BIG fuel savings.

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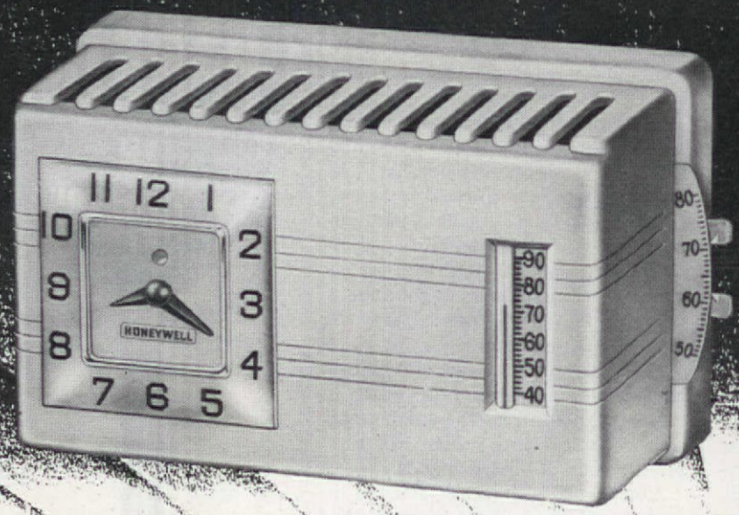
Over and Over Again



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with the NEW *Chronotherm*

CHRONOTHERM, Honeywell's new electric clock thermostat, will pay for itself over and over again by saving fuel. It automatically switches to lower temperature at night and can save at least 10 percent of your fuel, as shown in the adjoining table. In addition to saving fuel, you will sleep in healthful comfort.

In the morning, Chronotherm will automatically return to daytime comfort temperature. No need to get up an hour early to push up the thermostat. Your house will be cheery and warm when you arise—and will stay that way from morning to night. With Chronotherm on the job, you'll never have to give your temperature regulation a thought.

FOR YOUR OLD OR NEW HOME

Chronotherm can quickly be installed in place of the ordinary thermostat on your present heating system. And, of course, if you are planning to build, your new home should have this last word in heating satisfaction and economy. With its modern, compact design and accurate electric clock, Chronotherm will be a welcome addition to any home. It is low in cost and will pay dividends year after year in fuel saving, comfort and convenience.

TABLE OF FUEL SAVINGS BY LOWERING NIGHT TEMPERATURES

City	Average Winter Temperature	Percent of saving by lowering night temperatures 10° for: 8 hrs.	12 hrs.
ATLANTA	50.1	16.16	24.24
BALTIMORE	45.5	13.12	19.68
BOSTON	42.7	11.84	17.76
BUFFALO	40.1	10.80	16.20
CHICAGO	40.0	10.72	16.08
CLEVELAND	41.9	11.44	17.16
DENVER	43.1	12.00	18.00
DES MOINES	40.2	10.82	16.44
DETROIT	40.9	11.12	16.68
MILWAUKEE	38.8	10.40	15.60
MINNEAPOLIS	36.2	9.60	14.40
NEW YORK CITY	43.8	12.32	18.48
PHILADELPHIA	44.8	12.88	19.32
PITTSBURGH	42.4	11.68	17.52
ST. LOUIS	45.3	12.96	19.44
SALT LAKE CITY	42.5	11.76	17.64
SAN FRANCISCO	55.3	21.92	33.28
SEATTLE	50.9	16.80	25.20

Figures as released by FUEL CONSERVATION COUNCIL U. S. GOVERNMENT

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Just to Take the Chill Off

Drawings by Lewicki

William W. Atkin

THE various heaters shown on these pages provide excellent heat for summer or winter "escape" houses at low initial cost and relatively low operating cost. Some provide radiant heat, others convection heat, and still others provide both. These heaters are adequate for year round houses.

Radiant heat does not actually heat the air. Instead, like the sun, it heats any object it strikes. So, if you are standing in front of a radiant heater, the rays will warm you and only that air that touches the heating element. The air, meantime, might be at a temperature much too low for your comfort. If there is any object between the radiant heat source and you, however, this object will be heated, and the rays will be prevented from reaching you. This is the same as what happens on a cool but sunny day. As long as you are in the path of the radiant heat rays from the sun, you are comfortably warmed. But the minute a cloud passes in front of the sun, or you walk into the shadow of a building or tree, the sun's rays no longer reach you, and you are cold.

Convection heaters, on the other hand, do heat the air, usually to 68° or 70° F. These depend on the air currents in a room for their effectiveness. When a fan is used in conjunction with an ordinary radiant heater, you get the immediate effect of the radiant heat rays. Then, a little later on, the heated air provided by convection heat becomes noticeable.

Heaters may be roughly classified as portable, semiportable and built-in. The portable types are ideal for

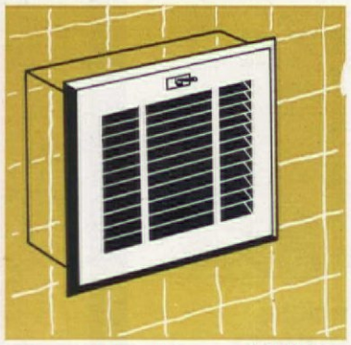
Wood-burning or coal stoves are very practical in areas where no public utilities are available

Most portable electric heaters produce heat by radiation; some combine radiation with convection

Portable electric heaters may be plugged into a convenient outlet, require good circuits

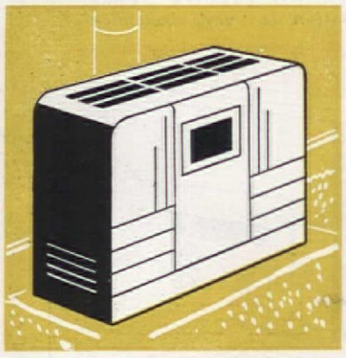
Electric outlets for heaters must provide from 1,000 to 2,000 watts, depending upon size of heater

Electric radiator provides hot water or steam heat. Other types, very similar, use gas as fuel

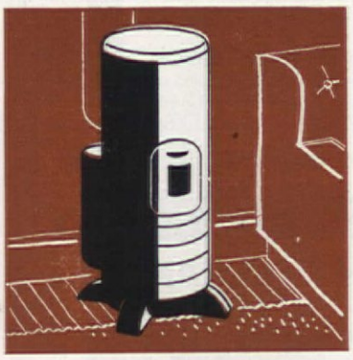


One of several types of built-in electric heaters. Like stoves, these have their own circuits

Oil space heaters, like this one and the next two, require a flue. Many different types are available

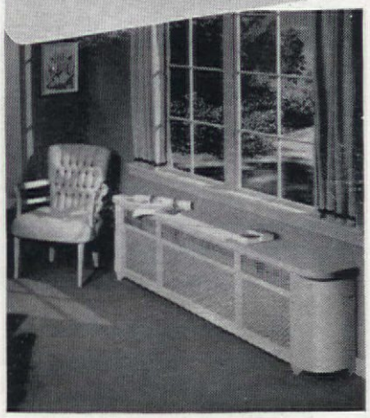


Oil heaters may use No. 1, 2, or 3 grades of fuel oil, depending upon the design of the burner



Some oil heaters have burners equipped with a blower. Others operate by gravity air flow

Economical Gardner Radiator Enclosures add New Charm to your rooms



YOU'LL feel like Mrs. Aladdin when you discover the magic in Gardner Enclosures . . . for these delightful radiator covers make rooms bloom with new beauty, lower fuel costs through the scientific application of heat, add years to the life of your decorative investment, and make your home more healthful, more attractive and more comfortable to live in.

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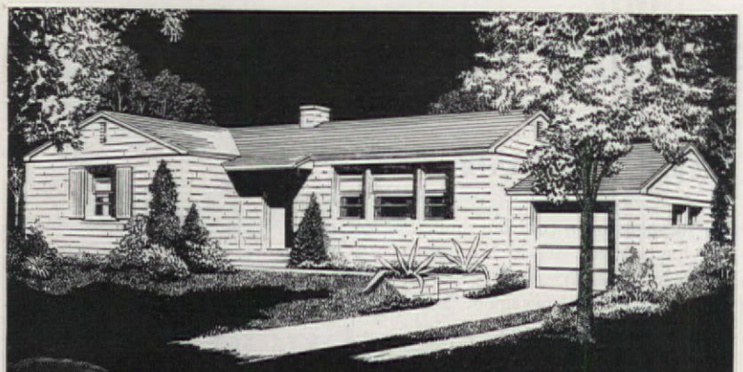
Gardner Mfg. Co.
2248 Kansas St., Horicon, Wis.



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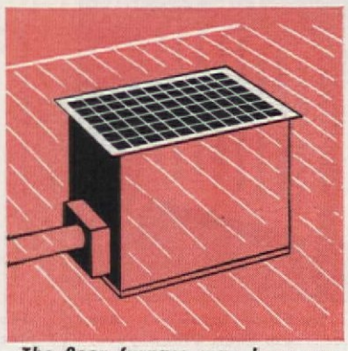
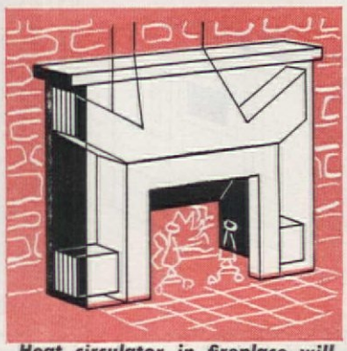
A portable type of gas heater. A vent to carry off the products of combustion is recommended



The floor furnace may burn gas or oil. All require vents. Installation is very economical



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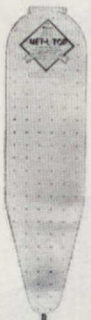

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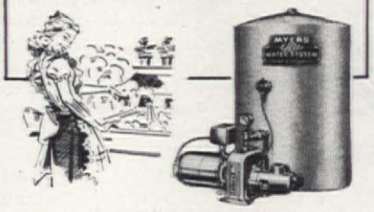

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A Fire in the Fireplace...

Lewicki

Kenneth Duncan

THIS is a subject that I approach with hesitancy, because it is a subject on which every male apparently feels that he is an expert.

"If you want an open fire, rub two Boy Scouts together" makes as much sense as some of the methods used.

I have watched various attempts, male and female, to make an open fireplace burn. The only difference I can see between the sexes is that the male depends upon heaps of crumpled up newspapers, while the female leans toward kerosene. Neither method approaches perfection.

I have come to realize that just because a guy is six-foot-two or three-inches tall, and otherwise built to scale—perhaps even an ex-G.I. to boot—is no indication that he can set a grate fire to blazing merrily.

Let us get down to business at once. There are two general types of fires desired from an open fireplace:

1. A fire on which to broil a steak.
2. A fire to throw out cheery warmth.

If the first is our objective, then the thing to do is to build as little fire as possible. Logs are wholly unnecessary. A few old shingles, ignited by a single sheet of newspaper, is quite sufficient. A steak, placed over a tiny open fire will, believe it or not, cook in the fire caused by its own drippings.

There has been a lot of hokum put forth about the need of charcoal to broil steak properly. I think George Rector must have started that one. My experience is that *any* few pieces of scrap wood—preferably a couple of dry shingles—will produce a broiled steak that no expert can detect from one broiled over charcoal.

But, to get to our main subject, which is how to get a good heat-throwing fire going in the open fireplace. First, a good bed of wood ashes should be left in the fireplace at all times—if the housekeeper will permit it.

Then, place up against the back of

Dinah never saw a snow
(An Alabama lass).

She almost missed her first one
Until Windex cleared the glass.

Daddy, driving home one day,
Couldn't see the lane.

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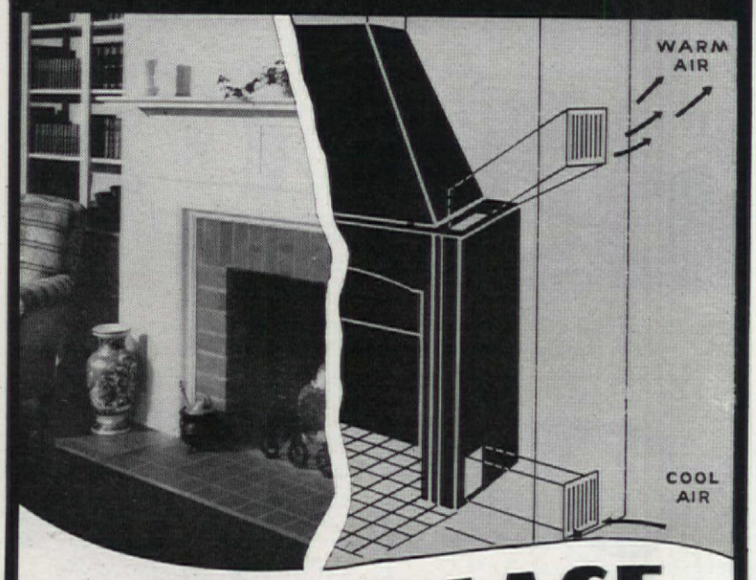
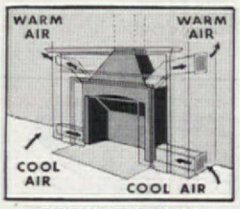
Circulates Heat...



This FIREPLACE warms ALL the room!

Enjoy the room-wide comfort of this scientifically-designed fireplace that works on the warm-air furnace principle—entirely different from old-fashioned fireplaces. The Heatilator* Fireplace actually *circulates heat* to every corner of the living room—and even to adjoining rooms.



CIRCULATES HEAT

Natural draft draws the cooler air from the floor into the Heatilator, where it is warmed and circulated to all parts of the room. No cold floors, or chilly corners.

Saves Wasteful Furnace Fires . . .

You can use the Heatilator Fireplace to warm the entire house on cool spring and fall days. It saves the waste and inconvenience of starting and re-starting furnace fires. Actually cuts dollars from heating costs—*economy that has been proved in thousands of homes all over America!* In mild climates, owners of average-size homes report that the Heatilator Fireplace is the only heating equipment needed. It's ideal for camps, cabins and summer homes.

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The Heatilator Fireplace solves the difficult problem of heating basement rooms. Its circulated heat warms the entire room quickly.

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The Heatilator is a steel form around which the masonry is easily laid. It assures correct construction, eliminating faults that commonly cause fireplaces to smoke. The firebox, damper, smoke dome and downdraft shelf are all built-in parts of the unit, greatly simplifying construction and saving materials. The finished Heatilator Fireplace costs but little more than old-fashioned construction.

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The Heatilator Fireplace makes camps and summer cottages usable weeks longer every year—earlier in spring, later in fall and for winter week-ends.

Your fireplace must serve you a long time, so ask for the Heatilator by name and accept no substitutes. The reliability of the Heatilator Fireplace has been proved for more than 20 years in homes and camps all over America.

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*Heatilator is the registered trade name of Heatilator, Inc.

HEATILATOR FIREPLACE

T.M. REG. U.S. PAT. OFF.

HEATILATOR, Inc.
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Please send me your free illustrated folder describing the construction and advantages of the Heatilator Fireplace that circulates heat.

NAME.....

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the fireplace a good, thick, green log. This was the backlog of Colonial reading. Don't worry if that log doesn't catch fire immediately. It isn't meant to burn too fast. It is merely to glow and to reflect the heat outwards toward the room. This green log should rest lightly in the bed of ashes back of the andirons.

In front of that green log build on the andirons a nice small fire of any seasoned wood. A sheet or two of crumpled, twisted newspaper, several sticks of light kindling wood, and a couple of small logs will do the trick. A common mistake made when trying to build a fire is to pile too much on at the start.

The light wood may be split, seasoned logs, old boards, or even small branches. The essential principle is that the burning fire should take place *in front of the green log.*

Most fireplace fires are laid in the form of a pyramid. They burn well but do not throw the greatest amount of heat. They should be laid as a triangle with a rectangular base. The reason is simple. In the pyramid type of fire, at least half of the fire—and heat—is *back* of the main logs—and, hence, goes up the chimney. The whole idea of the backlog—with the *active fire in front of it*—is to reflect as much heat as possible.

Ashes from the bed should be used—when necessary—to *put out* blazes wrongfully climbing up *behind* the backlog. For reflected heat, a small fire in front of the backlog is more effective than an over-all fire.

Everything we have said is unimportant if you have a patented heat-circulating fireplace. These operate on the principle of hot-air furnaces and a fire anywhere, behind or in front of the backlog, will heat their hot-air chambers.

Most of us cannot select our logs carefully. If we have any choice, let us choose for green backlogs any hard wood such as oak, maple, or hickory. Any wood, including the softer varieties, will burn well if seasoned. Apple, which is practically useless for backlog purposes, burns with a colorful flame when well dried.

THE wood problem is often a serious one if you like a fireplace fire all winter. Very often we do not realize the resources we have in the way of wood in our own yards. For example, all cuttings, twigs, and small branches left over from pruning should be set aside to dry out for use in the fireplace. The smaller pieces make excellent kindling wood, and the larger ones may be used as logs. A handy way to store this wood is to tie several of the smaller pieces into a bundle. While on the subject of kindling wood, it may be elementary, but at the same time it is important to advise the use of plenty of kindling. There is nothing quite so exasperating as laying a fire, newspaper, kindling, and logs, lighting the

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paper and having it burn out without igniting the kindling wood. This almost always means that you must lay another fire—a messy job—or try the makeshift way of shoving a little more newspaper under the kindling and trying again. This rarely works.

We mentioned earlier that ashes should be left in the fireplace. This is true, right up to the time when there are just too many of them. At that time, clean the major part of the ashes out, but don't throw them away. Rather, save the ashes for your rose beds or vegetable garden.

Another elementary but important thing to remember about your fireplace is that the chimney damper should be open when you light the fire. There is nothing like wading through smoke to find the damper.

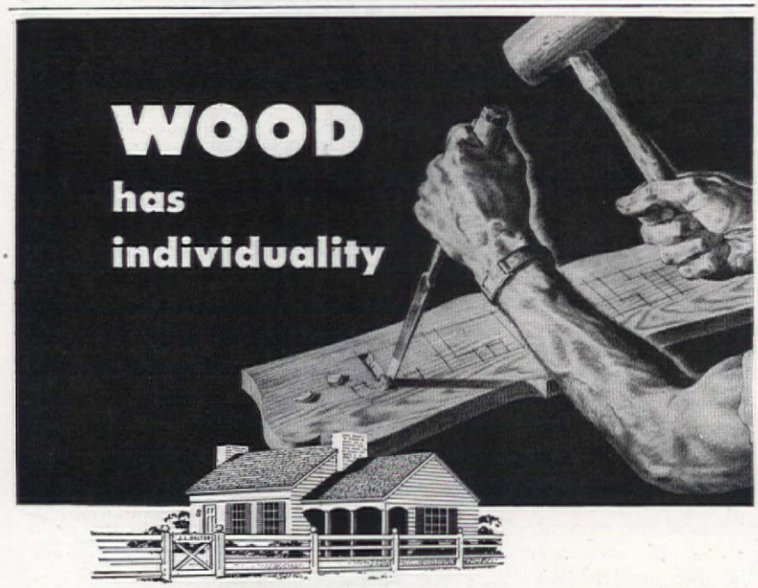
One of the more important nuisances the fireplace fan must face is the problem of where to store wood and kindling. Often this problem is solved by a wood bucket or cradle. It is sometimes quite simple to cut a hole through the wall, however, and build a wood-storage box right beside the fireplace. If the fireplace is on an outside wall, all you have to do is carry the wood from its source, outside the house, to the outside-fed woodbox. Then, when you want to start the fire, an inside door in the living room may be opened and the wood put on the fire. Where fireplaces are on inside walls it may be possible to cut a hole through to the kitchen the cellar stairway, or to some other area and feed the box from there, thus avoiding treks through the entire house with dirty firewood.

Besides a firescreen, which every fireplace should have, an ash barrier is an excellent possession. The barrier may be built in or it may be movable. It can be as low as 2 or 3 inches high. Its main function is to keep the ashes from working out onto the hearth and onto the rug.

The fire above is properly laid to supply heat for room. Note backlog which helps reflect heat into room

Sigman-Ward

While this fire will burn well, it is not as efficient from point of view of heat as one above



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James Aldredge

George Washington's "Friendship Trees"

De La Mare

For every American who is familiar with the legend of George Washington and his father's cherry tree, and what happened to it, there are probably twenty, or fifty, or possibly hundreds who never have heard about the "friendship trees" of the "Father of Our Country." It seems a pity, too, for these trees—which are not at all legendary—symbolize the warm regard that Washington felt for an old comrade in arms, and have additional significance today.

The trees were horsechestnuts, and they were carried, as seedlings, in a saddlebag from Mount Vernon to Bath, Pennsylvania, and the home of General Robert Brown, who had been one of Washington's junior officers. The first President thought so highly of his former subordinate that he had dug them with his own hands and packed them for the long horseback journey over the mountains. It is easy to imagine how deeply General Brown was moved on receiving the token from his old commander.

But the horsechestnuts were not native to the beautiful estate on the Potomac—and thereby hangs another interesting tale. They had come there as a special present to its famous owner from General "Light Horse Harry" Lee, the dashing cavalry commander of the Revolution, and father of the great Confederate leader, General Robert E. Lee. While Lee Sr. was serving as the governor of Virginia, he and Washington became close friends and exchanged frequent visits between their respective plantations. Since both were great tree lovers, what more natural than for General Lee to send some of his horsechestnuts to General

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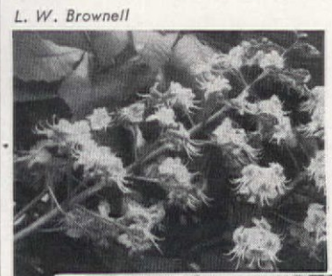
TESTED AND PROVED SPRAYERS AND DUSTERS

Washington, so he could enjoy their stately beauty and shade at Mount Vernon? Anyway, that is what happened, and in due course, seedlings from them started on their way to General Brown in Pennsylvania. However, of these, only one survived the long trip. Fortunately, it grew and flourished like the proverbial bay tree, attaining, in fact, a spread of eighty-five feet. Not until after 1921, when it was damaged by a storm, did it show any signs of age and decay.

Now for the interesting modern sequel. As the result of an ingenious plan, the tree sent by George Washington to General Brown seems destined to have descendants established in many far-flung places. The author of the scheme is Barbara Bayne, noted tree historian, who has suggested that "Washington Friendship Trees" be planted all over the nation. To this end she has arranged that nuts from the original tree in Bath should have countrywide distribution. Already, hundreds have gone out, many to state universities. When other countries have asked for some of the nuts, they, too, have been supplied. So it looks as though the project had really started something. Certainly, if it does not lead to better understanding between Americans and their neighbors—at home and overseas—it will not be the fault of Miss Bayne. Can we not assume that, if Washington were alive, he would be well pleased to know that a simple gesture of friendship between two men had led to this potentially widespread movement for the planting of trees and the cultivation of good will among mankind?

Editor's Note: For the record, or the curious, the horsechestnut—botanically *Aesculus hippocastanum*—is a native of Greece and the Balkans, whence it came to this country via England a couple of centuries ago. Related to, but more handsome than our native buckeyes, it has striking, (if somewhat messy) foliage, big showy candelabra of white flowers, and odd, knobby fruits each containing two of the familiar shiny brown seeds beloved by youngsters—and, as talismen, by some oldsters, too.

L. W. Brownell



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By the time I got around to spading it up, the warm sun and March winds had turned a former expanse of mud into something quite different. (It must have been my kind of soil that gave the Indians the idea of making pottery.) But ignoring my blisters, and remembering that man is destined to earn his vegetables by the sweat of his brow, I alternately mopped said brow and attacked the concrete that was masquerading as top soil. I noticed a pair of robins perched on the upturned clods, sneering at me. Their confidential chirps suggested that they had a very low opinion of me, presumably because I was not turning up any angle worms. I didn't feel that I was to blame, but it worried me, for I remembered having read somewhere that abundant worms denote a fertile soil and vice versa.

In due time, at the cost of many man hours and units of energy, there it was, the complete garden, with beds and rows and seed spacing, geometrically precise. And there it remained for days, while nothing happened. The seed was supposed to be inoculated but not, apparently, against hookworm, for the little rascals just lay in their beds, too lazy to come up. When, eventually, a green leaf did break through here and there, it looked as though the evil spirits that inhabit gardens had amused themselves rearranging those carefully spaced seeds into a weird Morse-code pattern of "plant, space, plant, space, space, clump, space, etc." Perhaps it spelled, in bug language, "Come on over, boys." At any rate, over they came, every winged and crawling pest known to horticulture, and the garden became an entomologist's dream. The most fiendish and wily of all were the potato bugs. If I walked unarmed down the rows of potatoes, the critters would sit calmly by, eyeing me with cold disdain. But let me approach with a sprayer full of poison, and

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they would spring up and then depart.

The day I pulled the first radishes and nonchalantly brought them into the kitchen to the little woman, was really a milestone. Here, at last, was evidence that persistence pays. At dinner, in a little white dish, those radishes were as beautiful as the catalogue picture. The wife and I each bit into one—a sort of initiation rite. Then we exchanged startled looks until tears filled our eyes, our tongues curled, and our lips began to sizzle. . . . Later, a friend, when told of our experience, treated it in an unseemly, lighthearted manner, saying that when radishes grew slowly they were sometimes "a little hot." A "little" hot!

Of the "colossal, reddest-of-all" tomato plants I started, only ten lived long enough to be transplanted. After setting them out one evening, as I picked up my trowel and watering can, I heard a faint but clear metallic sound that I carelessly attributed to crickets. Looking back, I think it must have been the cutworms sharpening their cutters for, by morning, every super tomato plant had been cut off at ground level and lay limp and dew-drenched. It was a nasty blow, but just about then the bunch onions reached edible size. One doesn't expect much of an onion, but they were a partial recompense.

THE catalogue pictured the "very best" cantaloupe on page 19, calling it Hunk o' Honey, Gobs o' Goodness, or something like that. I sowed the seeds and nursed the plants faithfully and, at long last, some of the vines bore a few yellow blossoms, followed by fruits that looked like little green footballs. One epoch-marking day, when the largest of the few that survived reached the shade of yellow that denotes perfect ripeness, it was borne in state to the refrigerator and, in due time, reached the table, two tempting halves in crushed-ice beds. With a this-is-what-we-have-waited-for smile, the wife and I, poor wretches, lifted the first bites reverently to our lips. But only the first! . . . Our opinion now is that cantaloupes of the Gobs o' Goodness variety are a promising source of raw material for making synthetic rubber.

Our watermelon vines ran out bravely for a few feet, produced a few anemic blossoms and, after considering the futility of life, voted unanimously to give up the ghost. It was no heroic death at the hands of beetle or blight, just a simple, dignified, quiet passing away.

Then there was the—What's that? (Oh, my goodness! The wife just called in that the broccoli, after weeks of suspended animation, has actually decided to bud! Good old broccoli! Just think, bowls of it, swimming in melted butter! Say, maybe this gardening has its good points, after all. A grower of broccoli can't be called a total failure and, come to think of it, my turnips don't look so bad, either. Well, you'll just have to excuse me. Those broccoli buds I must see.)

Claude Tillotson

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"I shall quit coddling..."

Dear Mr. Seymour:

I kinda enjoyed your article, "Beauty or Burlap", in the October AMERICAN HOME. There was a lot of food for thought in it, done up in a small space. It did my heart good—or, perhaps, it tickled my lazy bones. Take climbing roses, for instance. I have practically given up raising them, because it is too much work to get them ready for winter and, almost invariably, they freeze back whether I wrap them in straw, burlap, or both. And certainly burlap mummies don't improve the winter landscape. They remind me of the storybook Headless Horseman; when I run into one on a dark night, it scares me stiff. Add a couple of empty coat sleeves that could flap around in the wind and surreptitiously tap you on the shoulder as you pass, and one's demoralization would be complete!

I have, however, found one climber that is really tough enough to go through our Iowa winters without cover or coddling, namely, Torch. It is described in the introducer's catalogue as "the world's brightest climber," but in "Roses of the World in Color" it is given as a Rambler; I think I would classify it as a pillar rose. Anyway, mine has gone through three winters without injury and, in bloom, it certainly tops the list for brilliancy. Under favorable conditions, it often flowers again in the fall.

In my opinion there are easier ways to winter tree roses than to wrap them in straw, as shown in your article. In fact, I don't think that would be enough here. Most growers recommend loosening the roots, bending the tree to the ground, and covering the top with earth. But often their location makes this impractical. My five trees, which have survived as many winters, I dig up completely about November 1, bury in a shallow trench in the vegetable garden, and cover with six or eight inches of soil. When that freezes, I cover the mound with straw, evergreen boughs, or any other coarse material. When I dig them up again, about April 1, they come out plump and green and put on a summer-long show that makes the work of wintering them insignificant. By arch or gate, they give more bloom, longer, than climbers, and need less care. (I admit that the mounds do suggest newly made graves, but if I have to visit that part of the garden after dark, I can always keep up my courage by whistling.)

Now for azaleas. Two types that can be raised in the Midwest and colder sections without covering are Rhododendron mucronulata, and the mollis hybrids. The former, a beautiful lavender, is the first to bloom in the spring. It can be grown in full sun or partial shade and will, I find,

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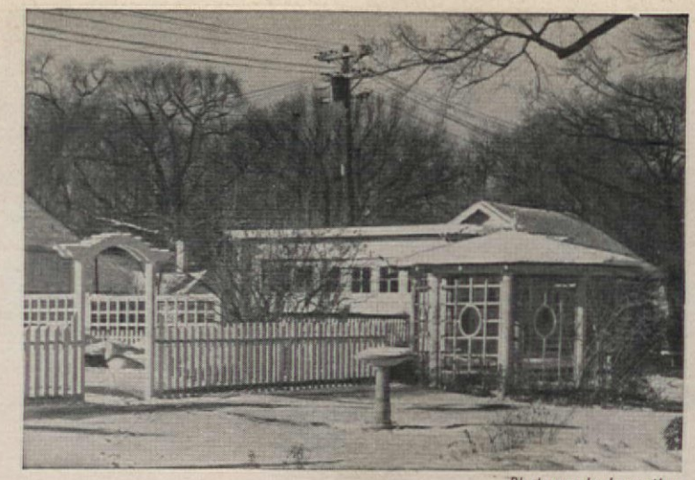
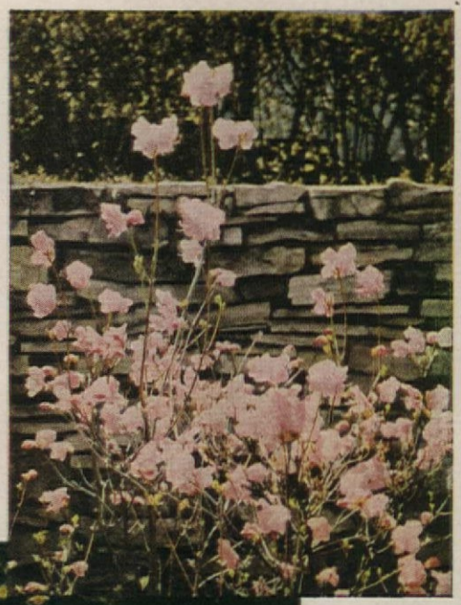


Photographs by author

tolerate some lime in the soil. So will the mollis hybrids, but, as with all azaleas, a heavy mulch of leaf mold each fall is beneficial to both types.

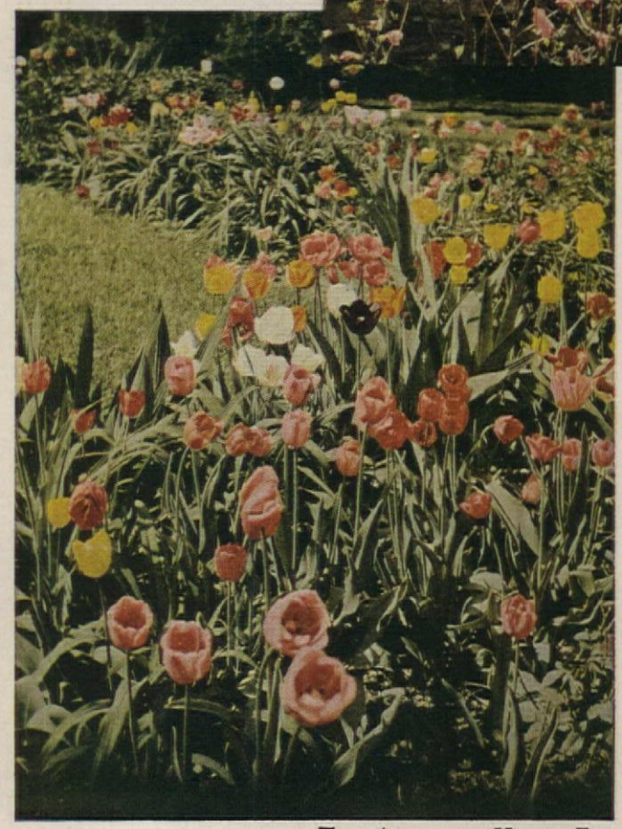
I admit that I am a perfect sucker for colored catalogue pictures of new and different flowers. In the last twenty years I have, I guess, tried to grow everything ungrowable that was ever propagated. But now I'm going to reform. I hereby resolve to grow only those things that are supposed to thrive in my section without too much coddling! . . . Of course, as this is written, the new seed catalogues have not begun to arrive, and I am wondering what new things there will be offered this spring!

Yours, for tougher plants and lazier (but better) gardeners, **L. L. Dolson**



Top: Iowa winters can get cold, but under this snow blanket and 12" of soil, some 5,000 tulip bulbs are safe and happy

This mucronulata azalea has been blooming here beside a wall for years, without cover or coddling. Try combining this species with forsythia



When spring comes, I'll have this . . . by the way, when you plant your tulips, put them 10" to 12" deep. They won't split up, and you can leave them alone for years

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Theodore Payne —Preserver of Wild Flowers

Grace V. Sharritt

IN an age when ruthless exploitation and resulting conservation laws are turning wild flowers into museum pieces, a man who, fifty years ago, began to collect more than 400 species of native California plants in an effort to perpetuate wayside beauty, is definitely a horticultural hero. Such, although he would probably be the last to think of himself in that role, is Theodore Payne, California's ace seed collector. He has saved many a rare species from extinction as a result of his collecting trips up deep canyons, over almost impenetrable cliffs, and across hot, rattlesnake-infested desert. No, they haven't been easy, those fifty years, though they have been spiked with plenty of high adventure.

Payne's first job, after arriving in the States in 1893 as a young English lad, was as gardener for the great Polish actress, Mme. Helena Modjeska, on her southern California estate. On long walks in the canyons adjoining her land, he conceived an idea and a goal—to save the wildings he loved from the extermination which, even then, he saw on the way. He sensed the coming building boom in and around Los Angeles, and he knew that when civilization steps in, wild things begin to move out.

"I can remember distinctly," he once told me, "when the State was almost covered with wild flowers. Wherever you looked or stepped, there were acres of purple owl's-clover, yellow tidy tips, golden pop-

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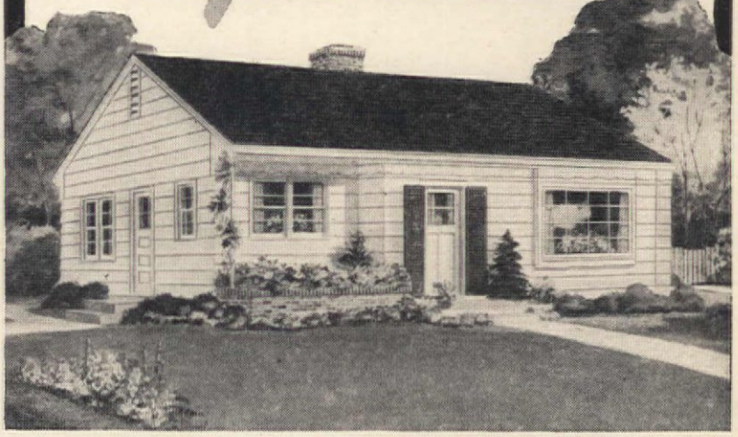

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pies. But often, returning later to a favorite haunt, I would find that many of them had disappeared completely." Sometimes it followed the ravages of ruthless "collectors" whose methods and objectives were so different and so less worthy than his; sometimes it was in the wake of development companies and prospectors who, probably, never even noticed the wild flowers that they trod under foot or brushed aside in their advance.

WHEN he began his work in earnest, less than a dozen kinds of native plants were available in the commercial nurseries of the State. So he stocked his tiny lathe house with seedlings from the seashore, the deserts, and the mountain slopes. At first the response was disappointing. People apparently despised his lowly wayside flowers calling them "weeds." They wanted exotics, introductions from other lands, new things that they were not familiar with; plants with strange names, perhaps of unproven suitability, but nevertheless different, fashionable. In desperation because he had faith in them, he sowed a wild-flower seed mixture in a vacant Hollywood lot and another in Pasadena. The results were so unusual and charming that they attracted much attention, marked the real beginning of his work, and started a really grass-roots vogue for native California garden material, which has

Art Streib

This wild-heliotrope (Phacelia) with tansylike foliage, and the dainty, yellow and white

tidy tips (Layia) are but two of many native plants saved for our gardens by Theodore Payne

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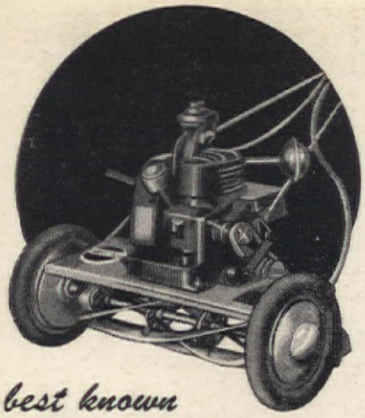

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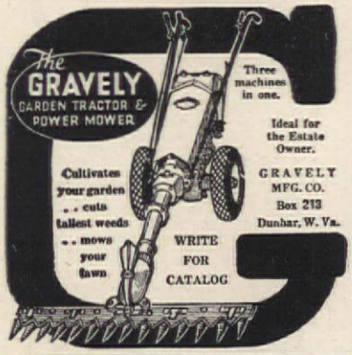

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EMLONG'S, Box 46, Stevensville, Michigan

become part of horticultural history.

His plant explorations have rivaled the trips of early pioneers in excitement and in hardship, too. He has been lost in sand storms, flea-bitten, plant-poisoned, and has nearly died of pneumonia and exposure. But invariably he got what he went after.

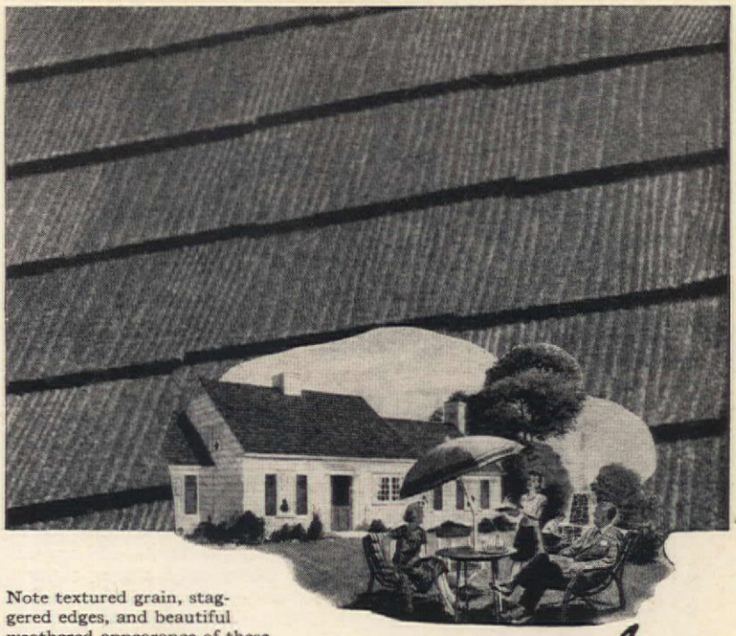
Once he nearly broke his neck climbing a cliff in search of seed of the alpine Conejo buckwheat. "At the very top I found one plant," he will tell you. "I remember putting the seed head in a paper bag—but that's all I remember, for then I started sliding. When I came to, I painfully reached for my neck and then my arms and my legs. After convincing myself that I was still in one piece, I found the paper bag tightly gripped in my clenched fist!"

PAYNE has a delicious sense of humor, shaggy white hair, eyes as blue as the flowers of one of the forms of the tree lupine that was named after him, *Lupinus paynei.* This species grows to 8 ft. and has silvery foliage; the blossoms, which range from blue to pink and white, bear a yellow blotch, and are fragrant. Sidney B. Mitchell, California's noted garden authority, thinks that it may prove the best of the native, drought-tolerant lupines from which to attempt to develop, by breeding and selection, a race worth growing in the gardens of the state. Incidentally, the fine big plant beside which Mr. Payne is standing in the picture on page 79 is the Sierra Madre lupine (*L. mollisifolius*), a rare native species discovered by him.

But above all, Payne is a confirmed optimist. His hope is for wild flower sanctuaries, growing as nature planned them, all over the country, from Maine to Mexico, from British Columbia to Florida.

"There's charm and grace in a milkweed," he insists, "in a wild parsnip, in a buttercup. One summer, on a trip to Catalina Island, I found a brown seed stalk of giant-buckwheat or St. Catherine's lace. The natives said, 'Just another weed,' but I brought some seeds back anyway and planted them. Later that 'weed' was exhibited at the Santa Barbara Flower Show and people went wild over the tall, picturesque plant with its lacy flowers. It captured the fancy of growers and estate owners and found its rightful niche."

EVERY trip he takes has a definite objective, but it was sheer luck that brought him the beautiful, orchid-tinted Godetia viminea. Vacationing in Yosemite National Park one September, the Paynes got lost while hunting a hotel. Finally, he says, "We found ourselves in a field of flowers, acres and acres of that exquisite godetia. Needless to say, I forgot all about hotel, vacation, everything but those plants. I scoured the field for suitable specimens to press. But, would you believe it, among all those thousands of plants I thought I never would find one in the right condition



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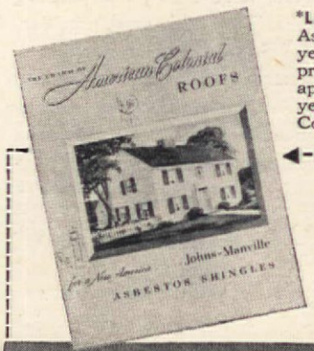

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***Godetia viminea;* for which Mr. Payne (and his wife) cut short a vacation in Yosemite National Park, is a cheerful, purple- or crimson-flowered annual, fond of light soil and sunny locations**

to collect for seed!" Finally, he gathered a few with green pods on them and, none too hopefully, made a beeline for home. He put the plants in water and, to his delight, the pods developed and ripened. From them he secured enough seed to produce about 100 seedlings. These, grown outdoors, yielded about an ounce and a half of seed which, in turn, planted two rows and gave him half a pound. The next season he grew 20 rows and harvested eighteen pounds of seed—and that is how he came to list in his catalogue this plant treasure, which many flower lovers believed to have vanished forever.

Payne's seeds go all over the world—to England, Puerto Rico, Australia—and to all parts of this country. One day, in a friend's garden, he remarked on a nice bed of desert primrose. His friend laughed and said, "But that can't be a desert primrose. The seed was sent me from England."

"Nevertheless," he replied, "that's what it is. I probably sent the original seed to England years ago."

Another rarity that he crawled on hands and knees in rattlesnake country to get was a rare pink Gilia. Again he hoarded the few seeds like a miser his gold, realizing that he might never find another specimen. And from that start he built up a stock so that gardeners in many places can now enjoy the lovely little plant in their rock gardens.

California's wild-flower collector has been the inspiration for two famous botanical collections of living plants—the Santa Barbara Botanic Garden, which covers forty acres in scenic Mission Canyon on the outskirts of that delightful and historic community, and the small but exquisite garden of the California Institute of Technology in Pasadena. But if you question him . . .

"Yes," says Theodore Payne, "botanical gardens are fine things. But, as for me, I'm more interested in conserving natural gardens, wayside gardens, state preserves, and wild flower monuments, than in establishing man-made ones."

And that is just what he is doing.

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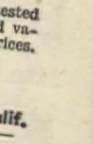

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MRS. Carlson's eyes were shining that evening when she greeted her husband upon his return from the office. "Just wait until you hear what Davy said this afternoon!" She chuckled gayly as she imparted the news. "He watched me pack the frankfurters away in the refrigerator dish, then said as plain as day, 'I want a doggie!' Aren't you pleased?"

Mr. Carlson gave his son a big hug. "Good for you, Butch!" he applauded. "At this rate, you'll soon be outtalking the rest of us."

Five-year-old Sally chimed in with further praise. "Listen to this, Daddy. He said, 'streetcar,' when we were out driving—at least I *think* he did."

This is a typical family scene, the only unusual feature of it being the fact that the Davy in this particular case is just beginning to talk, although he has passed his third birthday. At last he is reaching the stage where he receives praise and encouragement for his first attempts at talking, and his parents are as enthusiastic over his efforts as they would be if he were two years old. Having been convinced by both the pediatrician and Davy's nursery school teacher that there was nothing faulty in the boy's development, and realizing that his comprehension and awareness were perfect for his age, they simply relaxed and waited for him to talk when the time came. Davy is fortunate that his parents have accepted him without reservations. Their pleasure in their child and their acceptance of him as an individual, without comparing him in his presence to other, more verbose children, is absolutely complete. Even when a visitor comments, "Well, he's

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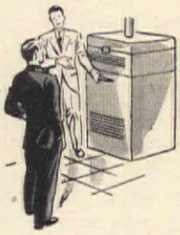

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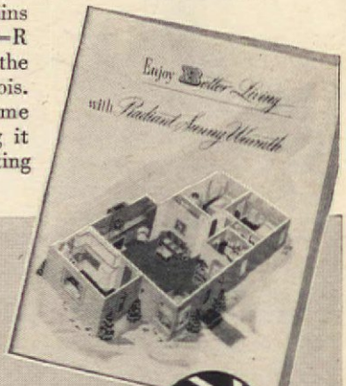

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awfully slow in talking, isn't he?" Mrs. Carlson answers with true confidence, "Oh, he'll probably surprise all of us with his talking some day."

The Carlsons' acceptance of Davy doesn't mean that they won't be glad when he can express himself easily and well. They can see that at times it is frustrating to him to be caught in circumstances where he is unable to make himself understood. When this happens, he is apt to cry a good deal, and at nursery school he may hit other children because he lacks any other means of putting his ideas across to his contemporaries. As often as possible, his mother, or the sympathetic teacher, will come to his aid and do the verbalizing for him. "Wait a minute Bobby," she suggests. "Davy would like a turn with that music box, too." She receives a grateful look from tongue-tied Davy. Thus the boy is being encouraged and helped, with no derogatory criticisms to make him feel that he is slow in the matter of speech. His progress is noted only in relation to his previous achievements, and he's not judged by the fact that other children of his age are using three-syllable words or that Sally, his sister, was a chatterbox at two-and-a-half. The Carlsons never have expressed any disappointment over his inability to talk; they accept him as he is.

When a two-year-old calls, "Watch me! Watch me!" and jumps off the bottom step onto the grass, we say, "That was a *good* jump!" and make a mental amendment, "—for a two-year-old." We don't scorn the achievement because an older child would jump the length of the short flight, nor, on the other hand, do we go on absent-mindedly praising this accomplishment indefinitely. When the leap from one step has been thoroughly mastered, we suggest to the child that he try jumping from the second one. His pleasure in achievements, and his courage to attempt greater feats, are immeasurably increased when we recognize their true value—what they mean to the child himself. The child who feels that his parents accept him wholly, with his faults and weaknesses, is secure. Approval builds up confidence in himself and permits him to go ahead unimpeded by hampering doubts and fears.

At a neighborhood birthday party, for example, one child may be overcome by a terrible feeling of shyness while his contemporaries remain happily untroubled by such a disabling affliction. Telling the child that it's silly to be shy, that the other children are all having a good time, won't help matters. In addition, it's denying the fact that he's the way he is. It is so much better to accept the truth: he's blond, blue-eyed, *and* shy. Once this has been acknowledged and accepted by the parents, the cure has automatically been started. If they love him the way he is, they naturally feel sympathy for him during his unhappy moments,

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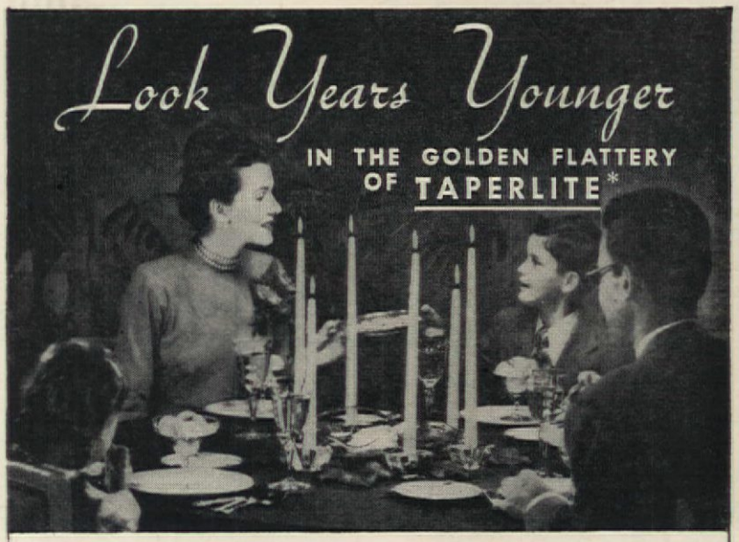

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and are only too glad to give him encouragement and support when he needs it. The child who knows that whenever he is in trouble his mother will come to his aid unquestioningly is far less apt to beg for help unnecessarily than the child who is tormented by the fear that he may be left to shift for himself.

A FAMILY I know had an experience this summer which illustrates successful handling of children's difficulties without resorting to comparisons or punishment. George, the seven-year-old son in this family, had been given swimming lessons in preparation for the coming vacation in the country. Two cousins, who were almost exactly his age, were to be at the ranch, and all the parents had agreed that the children should be given equal opportunities to improve their swimming. The plan worked beautifully for the two cousins. They were completely at home in the pool from the first day on. But George, for some reason, reacted in an unhappy manner and behaved abominably, particularly whenever it was time to go swimming. He bragged constantly about the wonderful things *he* could do, and most of his extravagant claims were lifted straight out of the comic books. When the other boys were trying to enjoy a swim, he climbed high up in a tree and pelted them with rocks. He told anyone who would listen that swimming was a silly, babyish thing to do. Actually, George was extremely jealous of the other boys' ability, but to any onlooker he presented the appearance of a thoroughly disagreeable child. Fortunately, his parents were too wise to be fooled into treating only the symptoms and not the cause of the trouble. They cordially invited him to go swimming with them, overlooking his babyish desire to be coaxed. Once in the water, they let him set the pace. If he wanted to sit on the steps and watch, they agreed that that was fun; if he wanted to hold on to his daddy, they said that was fine. When the first opportunity presented itself, they praised his achievement, small though it was. They knew that any step in the right direction was progress and, therefore, deserved comment. The fact that George had supposedly passed through all of these stages and should have been, in some people's opinion, quite capable of keeping up with the other boys, did not alter his parents' conviction that he needed all the help they could give. George's self-confidence increased daily, and soon he began to discover for himself the pleasure that comes from using a new skill. He forgot all about competing with his cousins, and thoroughly enjoyed what he was able to do for what it was worth to him. The rock-throwing and the taunts disappeared entirely. The other boys progressed, too, and even at the end of the summer George couldn't do quite so well as they. But he was so happy with what

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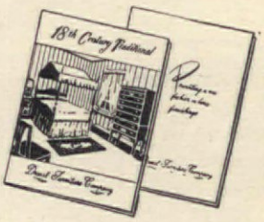

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Papa and Mama

There's a contemporary note of functional utility about this double dresser... inspired by an 1800 ORIGINAL in the Palmer collection . . . exemplifying the TIMELESS TASTE of Willett Golden Beryl Hard Maple. SOLID WOOD and sound workmanship give it the solid worth of heirloom quality— for TODAY AND MANY TOMORROWS.

SOLID GOLDEN BERYL MAPLE
SOLID WILDWOOD CHERRY
for living room, bedroom and dining room

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he had accomplished that he was free to admire their prowess without jealousy. When one of the cousins surprised everyone by diving from the board for the first time, George was the first to congratulate him.

It is our goal to have happy children. In order to achieve this, we must rid ourselves of our preconceived notions of what makes a child happy. So often a bewildered mother will complain, "We buy Betsy all these wonderful toys to play with, and what does she do but tag around after me all morning long, getting in my way. Why doesn't she play with her dolls and be happy?" Sometimes such mothers make matters much worse by getting right down to the child's level and arguing, "Can't you leave me alone for just five minutes? Do go away and play!" It would be much better if they would only accept the fact that, at the moment, the child wants to be with her mother and feels a need to stay close to her instead of playing with her toys. It is often interesting, and sometimes very important, to discover why the child feels a need to cling to her mother, but it isn't usually necessary to get to the root of the trouble in order to effect a cure. Naturally, it isn't normal for a child to want to cling to her parents when it is time for her to go to high school, and it is expected that she will have ceased to feel this need long before that time. But right now, when she is three or four, her parents would be wise to admit that she feels a need to cling and make their plans accordingly. The child's mother could so easily say to her, "Betsy, if you want to help me, I'll give you a dust rag, too." As she proceeds to work her way through her morning chores, she could explain just exactly what she is doing and could warmly invite Betsy to accompany her and see for herself. Gradually, she could suggest that the child bring along her blocks or her puzzle to play with in the room where she is doing the ironing. And later, when Betsy is ready for the next step, she could explain, "Betsy, I'm going to have to write some letters, and I can't very well talk to you while I'm doing that. I'll read you a good story now, and then I think you could go outside and play in the yard until I finish." Instead of complaining fretfully that Betsy is driving her crazy by hanging on to her skirts all the time, the mother should accept the fact that her child is going through a clinging stage. Once she admits this, she can then proceed to figure out ways and means of coping with it.

A KNOWLEDGE of normal child development and behavior is useful to parents, and is easily acquired these days from the excellent books devoted to the subject and, if possible, from attending meetings of groups interested in child care. A mother will do well to make her own studies and comparisons of her child's progress, referring to scientific tables

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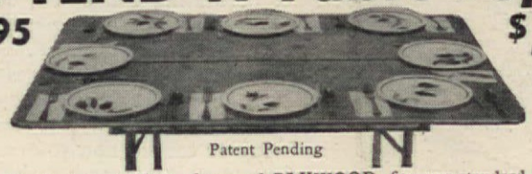

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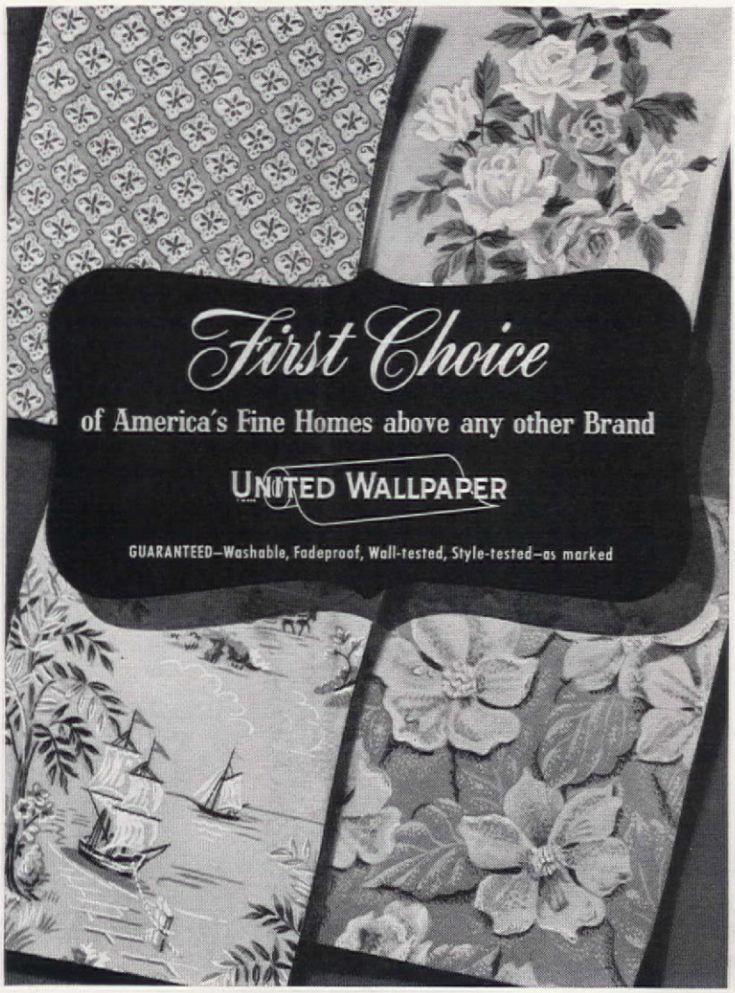
of average achievement, instead of accepting her neighbor's evaluations and criticisms. Occasionally, children do fail to outgrow infantile patterns of behavior and don't measure up to normal standards of children their own age. Such a child needs professional help, not such ill-considered words as, "You ought to be ashamed of yourself, a great big boy like you!" Suggestions from friends as to how to deal with our children, usually based on their vague, unrealistic ideas of what children *should* be, are dangerous because, being human, we are only too apt to make the mistake of trying to make our children conform to patterns that will please and impress others. Ideally, parents should be so devoted to their offspring, even with their faults, that another person's derogatory remarks fail completely to shake their convictions that their children are wonderful anyway. Unfortunately, however, many parents, because they feel somewhat insecure themselves, take any criticism of their children as an insult—and then blame the youngsters for shaming them in front of neighbors.

Children are not miniature copies of adults; they are, themselves, people. They have a long process of socialization to go through before they learn effectively to control and disguise their emotions. Parents who think that a child should behave only according to certain fixed patterns are bound to be shocked over and over again when he fails to live up to their expectations. Typical remarks from such parents are: "Johnny should be satisfied with a four-hour feeding schedule. All the other babies I know are perfectly content." "Susan ought to be more polite to her grandparents; she should know how much it means to them." "Should" and "ought" are ridiculous and even dangerous words to use in connection with our children, since they indicate that we consider ourselves capable of judging and condemning their feelings. We rarely make such judgments of an adult's attitude, acknowledging his right to feel the way he does.

In order to help our children grow up to be happy, useful, independent adults, we must recognize these truths: they like to play in the mud; they have natural, hostile and aggressive impulses, even toward those who love them; they are astonishingly timid at times and embarrassingly bold at others. Eventually, they will learn to meet the requirements of our society, but in the meantime, even in the process of growth and development, they are interesting and lovable. We accept them as they are and encourage them as they move forward step by step with, "Good for you!"

Important: **Letters requesting information should be accompanied by a stamped, completely addressed envelope. Manuscripts and illustrations will not be returned unless accompanied by the necessary postage. They will be handled with care, but we cannot possibly assume responsibility for their safety.**



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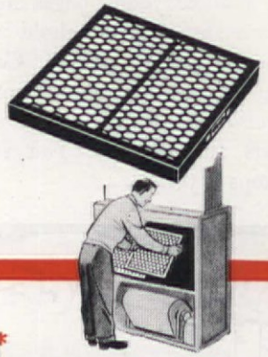

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Second in a series of articles on child health and guidance

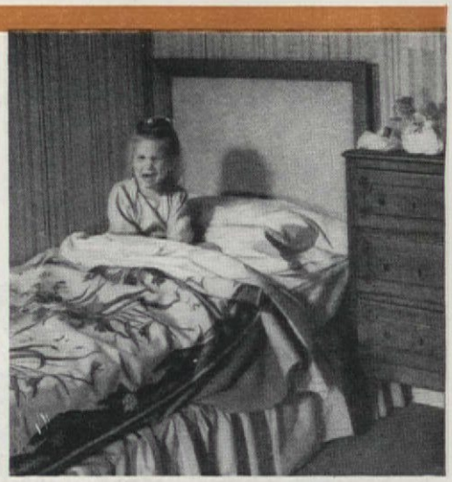
Watching Your Child's Fears...

Samuel R. Berenberg, M.D.

1. Big brother is just having fun, but sudden loud noises may be terrifying to the young

6. Sudden appearance of a strange animal may be alarming. Seeing Mother pat the puppy helps daughter overcome reservations

2. Fears develop when a child is left abruptly with strangers. Adequate introduction to sitter before Mother leaves will ease situation for all



3. Never leave a child alone in the house at night. If she wakes and hears no answer to her anxious call, she feels abandoned and insecure

4. Fear of doctor's office is only too common and especially so when "shots" are required. Advance notice of impending visits will help

5. Murder stories on the radio, lurid comics, and movie thrillers create many tensions, though parents themselves often remain unaware of them

6 Photographs by F. M. Demarest

Lack of understanding on the part of parents only exaggerates those common fears which trouble many children

BECAUSE so many children have fears of one sort or another, many parents are confronted with the problems of understanding them, getting at their roots, helping to overcome those that exist, and preventing new ones. Parents are apt to look on so many fears as groundless and foolish, and their lack of sympathy and understanding often accentuates a situation which might easily have been cleared up. Only too frequently, bad handling of the common, ordinary fears of the young lays a groundwork for serious anxieties and insecurities in adolescence and adulthood. The early years are the ones in which the basic fears are built up, and that's the time to protect the child and help him avoid laying the foundation for fears and tensions which will flourish later on in situations that may be quite different from those which were immediately responsible for his original childhood fears.

Infants and very young children are afraid of falling or of withdrawal of support. This is quite often apparent when the baby is taken from the solid support of his crib or from an examining table and placed on weighing scales which jiggle up and down. The baby starts screaming, but stops as soon as he is put back on what he considers terra firma—the floor of his playpen, the mattress of his crib, or any solid structure.

Toys and other objects which make sudden loud noises can, and frequently do, induce fears in normal, healthy children. Loud noises are more frightening when they arise from sources which are new and strange. Children will accept the familiar tones of a radio or phonograph with pleasure or with disinterest. However, when the town fire siren screeches its warning, or when a low-flying plane zooms overhead, there is apt to be a response of displeasure, discomfort, or even, in some cases, of terror. The mysterious, discordant roar of the vacuum cleaner frightens many a child.

Parents would be more careful about suddenly precipitating their one- or two-year-olds into a group of unfamiliar children and adults if they realized that this is a bewildering experience and that, at this age, children easily develop a fear of strangers. The young child is naturally fearful of any new situation and should be allowed to break into it gradually and with reassuring parental guid-

Too bashful to ask about these *Intimate Physical Facts?*

Then learn *here* how NO OTHER type liquid antiseptic-germicide tested for the douche is SO POWERFUL yet SO HARMLESS.

Every girl and woman today should know how necessary vaginal douching often is for cleanliness, health, marriage happiness, to combat odor and after menstrual periods.

And here's your chance to learn how important it is to always use ZONITE in the douche.

Developed By A World-Famous Surgeon and Chemist

Those ignorant, old-fashioned women who, because of misinformation passed on by friends, still use vinegar, salt or soda in the douche should wake up! Don't you realize you are using nothing but 'kitchen makeshifts'?

Vinegar, salt or soda in the douche are NOT germicides. They *can't possibly* give the great germicidal and deodorizing action of ZONITE. Scientists tested every generally known antiseptic and germicide they could find for sale. And NO OTHER type proved SO POWERFUL yet SO SAFE to tissues.

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ZONITE contains no phenol, no mercurial ingredients—no harsh acids — overstrong solutions of which may damage tissues and in time even impair the functional activity of mucous glands.

There is POSITIVELY no risk of injury with ZONITE no matter *how often* you use it as directed. Non-irritating. Non-poisonous — no poison warning is needed on the ZONITE bottle.

ZONITE destroys and removes odor-causing, clinging waste substances, helps guard against infection and immediately kills *every* germ it touches. You know it's not always possible to contact all the germs in the tract. But you can *be sure* ZONITE DOES kill every reachable germ and keeps them from multiplying. Complete directions for douching with every bottle.

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Children's Colds

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VapoRub's special Penetrating-Stimulating action (as shown) starts to work instantly and keeps on working for hours in the night to relieve coughing spasms and ease distress. It's ideal for children—fine for adults, too. Try it! Get the one and only Vicks VapoRub.

REMEMBER...YOU GET THIS SPECIAL 2-WAY PENETRATING-STIMULATING ACTION ONLY WHEN YOU USE VICKS VAPORUB

ance. If he's going off to nursery school for the first time, it's a good idea for Mother to spend some time with him at the school for the first few days. It may be desirable for her to take him home when she leaves—until he has learned to know and accept his new playmates and teachers. Any good nursery school or day-care center will, of course, encourage this kind of familial co-operation, even though it usually necessitates some extra planning on their part.

When a child is to be sent off to summer camp for the first time, his parents should arrange a preopening visit to acquaint him with his new teachers and surroundings. This sensible precaution will help him overcome fears of abandonment. The same fears may occur when a child suddenly finds himself alone with a total stranger. He's apt to be pretty terrified, if he wakes up at 10 p.m. and is greeted by a strange lady who has been told, "You'll have no trouble with our child. He never wakens after he's gone to bed for the night."

It is a great deal easier for the child to be introduced to new people and to new experiences, if one of his parents stays around to offer him support and encouragement.

As the child grows into his middle preschool years (around three or four), he's quite likely to become fearful of folks with physical handicaps. A passing glance at a pencil vendor whose legs have been amputated may leave a lasting impression which will bring forth queries long after the parents have forgotten the incident. One four-year-old who had seen such a person, pleaded with her parents to "tell the man's mother to give him vitamins so he'll grow." She worried about him for more than a year afterward and never failed to pour forth her anxieties about his size whenever she found herself in the vicinity where she saw him first.

IDEAS about death do not take a holiday in this age group. Deaths of animals, or friends, or relatives—even ideas of death in the abstract—are common causes of fear in the developing three- or four-year-old mind. Evasive answers will only increase and intensify the fears.

It doesn't seem credible that doctors or hospitals ever are used as threats to discipline Tommy when he's acting up, but they are. I recall the experience of one doctor who responded to what was supposedly an urgent call and was stunned when the mother turned to her child and said, "See, I told you I'd call the doctor, if you didn't eat your spinach!" That, of course, was an extreme incident, but such threats, even when milder, may have serious consequences. Even without threats, too many children fear the unpleasantness which may accompany some visits to the doctor or the hospital. White coats, medicinal bottles, hypodermic needles, syringes, enema tubes, tongue depressors are not associated with the most pleasant experiences in

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a child's life. Little wonder, then, that fears of the doctor or the hospital are so common that they are normal. If the painfulness of a medical situation is great enough, its effects may last a long time, and Susan will need much assurance and encouragement the next time she is scheduled for a check-up—one good reason for getting all the primary immunizations out of the way during the first year. Also, there are good psychological reasons, as well as health reasons, for taking a child to the dentist when he is three or four years old. Very likely, no painful procedures will be necessary at this first visit, and the child's natural fears about the dentist will be allayed. He can be prepared casually for the next visit and, later on, when painful work may be necessary, he will take it in his stride, if the parents have kept their own fears of the dentist to themselves.

The "bogeyman" (yes, he's still used, believe it or not), or that "bad man on the radio" are threats which induce fears and create problems instead of solving them.

As the child grows older, he may develop fears about a variety of things. At first, they probably will center on shadows in the dark bedroom, or lightning, or a barking dog, or going into water. Later on, he may be worried about possible injuries to himself or his friends. The murder program on the radio may be responsible for his refusal to open a closet door, even in broad daylight.

Forcing the child to accept the situation usually will make things worse. The common, ordinary, normal fears can be overcome with wise, casual, comforting parental guidance. In a household where psychological security reigns, the child develops confidence in the explanations his elders give. He'll accept their reassurance during fear-producing events, because he knows they have not let him down in other situations. Half-truths or misrepresentations may be an easy way out for the parent but, in the end, they will create tensions in the child which are not easily correctable. Should fears or anxieties persist or interfere with a child's normal functioning, it is then necessary to seek the advice of your pediatrician or pediatric psychiatrist.

National Heart Week

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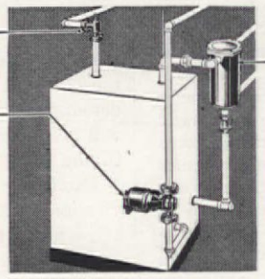

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Henrietta E. Warren

LET your child give a Candyland Party on his next birthday. Every boy and girl loves candy; to be in a candyland dream world for an afternoon will give your child and his guests a thrill they'll talk about for many weeks—and remember even longer.

If your first impulse is to think, "But, I'm really not *too* clever—and the expense?"—please read on. You will see that every detail of this party can be copied easily, and that the cost will be less than that of a conventional party that demands balloons, paper hats, and fancy favors. Candyland will fascinate them all, from the tiny ones of three and four to the older ones of twelve and thirteen.

Excite their interest in Candyland when you mail the invitations. Make cardboard keys and paint them with red-and-white stripes, then tie the invitations to them. The following verse will give all the necessary information and create the desired mood for the celebration.

> Come to *Bobby Lane's* birthday party.
> It'll take place in Candyland
> At *3:00 p.m.*—so don't be tardy,
> And bring this key in your hand.
>
> With candy canes and lollipops,
> Every minute will be gay.
> *1416 E. 5th St.* is your stop
> On *February 4th,* a happy day.

You will wish the young guests to feel that, today, they are entering more than just Bobby Lane's house. Place signs—poles painted to represent candy canes—near the sidewalk and at the front door to direct them to Candyland.

The afternoon's festivities begin when the children try to open the Candyland storybook with the key that was attached to their invitations. (You should have some extra keys for the youngsters who forget to bring theirs.) Paint a book cover on a large piece of cardboard and place it at one end of the room. When playing the game, one child at a time tries, blindfolded, to pin his key as close to the keyhole of the book as possible—in the manner of "pinning the tail on the donkey". Give a bag of candy as the prize.

Centerpiece: fairy-tale castle comes to life as the capitol of Candyland

With their invitation keys, they will try to open the storybook door to Candyland

baking, broiling, top-of-stove... **never was cooking so easy!**

ULTRAMATIC CALORIC
Gas Range built to "CP" Standards.

Check every point before you buy:

1. Automatic lighting . . . *no matches*
2. Automatic clock control . . . *times and cooks oven meal—no watching*
3. Automatic heat control . . . *bake without guessing at temperatures*
4. Smokeless broiler . . . *stays cleaner*
5. Streamlined design . . . *handsome, everything easy-to-get-at*
6. Simultaneous baking and broiling
7. Fast... *Gas gives instant high speed, instant turn-off, dozens of heats*
8. Roomy storage space . . . *saves steps, time*
9. Thrifty simmer burners . . . *save food, time, money*
10. Easy to use . . . *no need to change your cooking habits*

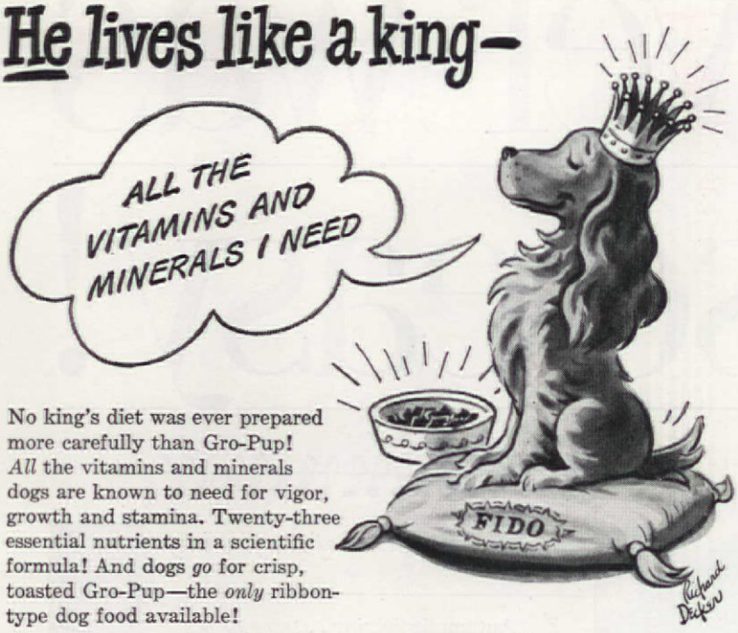
FOR FINEST PERFORMANCE in the range you buy, look for the "CP" seal. It's your guide to top-notch design, super-modern features—to the easiest cooking in all the world! The CALORIC Gas range shown is just one of many brands built to "CP" standards. Choose the range for your "New Freedom Gas Kitchen"* from those being shown at your local Gas company or Gas appliance dealer's.

AMERICAN GAS ASSOCIATION
420 Lexington Avenue, New York 17, N. Y.

*CERT. MARK. AMER. GAS ASSOC., INC.

your best buy is a new automatic **gas** *range!*

He lives like a king–



No king's diet was ever prepared more carefully than Gro-Pup! *All* the vitamins and minerals dogs are known to need for vigor, growth and stamina. Twenty-three essential nutrients in a scientific formula! And dogs *go* for crisp, toasted Gro-Pup—the *only* ribbon-type dog food available!

You save money–

Canned dog foods contain up to 70% water—Gro-Pup is 92% *food!* You add your own moisture. What a saving—Gro-Pup for a normal 20 lb. dog costs only 6¢ a day! Needs no refrigeration . . . won't spoil in container. (P.S. Comes in *Meal* and *Pel-Ett* form, too)

The Biggest Box on the shelf

Dogs Go For GRO-PUP

This second game will let the youngsters use up some energy and have a lot of fun. For a Candy Hunt, wrap pieces of hard candy in colorful bits of Cellophane and hide them about the house. The child who finds the most candy, within a specified time, will win a box of popcorn.

All children love to fish, and this last game—Fishing for Favors—will catch their fancies. Give each small guest a fishing line—a string on a stick. The hook is a closed safety pin. Cut fish from green crepe paper. Sew up the bottom of the fish; put the little favors inside, and sew up the top. There should be some bad catches, too—maybe an old shoe, a twig, an empty box, etc. Put the loot, good and bad, behind the sofa. The children stand in front and toss their lines over. You can enlist the help of an older brother or sister to fasten the favors to the lines. Ideas for favors: small pencil, balloon, crayons, hair ribbons. (Game by Mabel Cliffe.)

When the time for the all-important climax—the refreshments—arrives, you can make little faces beam with delight when the children see the actual capitol of Candyland, glistening and exciting, sitting in the center of the table. Construct a castle of paper columns, topping each one with a gumdrop. Spread a popcorn drive to the door of the castle. Bordering the drive are candy-cane lampposts with Christmas-tree balls for bulbs. The tree bears a bountiful crop of little gumdrops. Surround the scene with a lollipop-and-ribbon fence, each stick inserted in a gumdrop, or in bits of modeling clay shaped like gumdrops. Or, you can design a cardboard fence and cover it with colored paper.

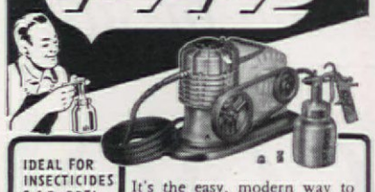
It's a birthday party so you'll serve ice cream and cake, but you can add a special treat with cupcake favors. Shown on the following page, these favors are colorfully iced, easy to make, and adaptable to any party.

ALICE FOR TEA

This is an Alice year, so make plans for presenting an Alice in Wonderland playlet in your school, club, or church. A Mad Hatter Tea Party in your home, too, will be fun. Our 32-page leaflet, #174—Alice in Wonderland—contains instructions for making costumes for the nine leading characters in the playlet, the playlet, and a clubwomen's program on the Alice theme. Place your order now.

Send fifty cents (coin, not stamps) to The American Home 55 Fifth Avenue, New York, N. Y.

PAINTING CAN BE FUN!



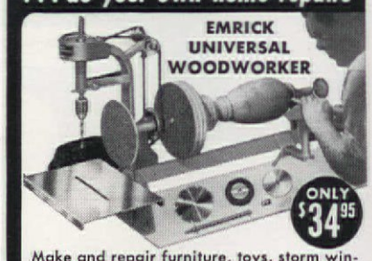
IDEAL FOR INSECTICIDES 2-4-D, DDT!

It's the easy, modern way to paint — 4 to 7 times faster than brushing! Speedy Sprayer sprays paint, enamel, varnish, lacquer, almost any material for inside outside, painting. No job is too big! You can paint everything from toys to automobiles. Hundreds of uses. Lightweight, portable. Complete outfit without motor **$26.95**

At hardware, lumber, auto supply dealers. FREE!—Write for booklet "How to Spray."

W. R. BROWN CORPORATION
5724 Armitage Avenue, Chicago 39, Ill.

HAVE FUN SAVING MONEY
. . . do your own home repairs



Make and repair furniture, toys, storm windows . . . handle hundreds of jobs around your home . . . enjoy every minute of it. Five big power tools — Lathe, Drill Press, Saw, Grinder and Sander — in ONE heavy fabricated steel frame. Immediate shipment. 10-day trial. Send for free brochure.

EMRICK, INC. 1763 CLINTON ST. KALAMAZOO, MICH.

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Show largest, loveliest Greeting Card line in BLUEBIRD history!

HERE'S a way to earn extra cash FASTER and MORE PLEASANTLY than you ever dreamed possible! Just show exquisite new Bluebird Line of All-Occasion Greeting Cards, Stationery, Gift Wrappings, to friends, neighbors, co-workers. 23 boxed assortments. You earn up to 50c on each $1 box, more on quantity orders! NO EXPERIENCE NEEDED—our FREE BOOK shows you easy ways for *any beginner* to make money! Write for FREE SAMPLES of "Name-Imprinted" Stationery; sample box assortments *on approval*. If friends don't snap them up, return *at our expense*. Write NOW to BLUEBIRD STUDIOS, Dept. A-19, Fitchburg, Massachusetts.

FREE SAMPLES "Name-Imprinted" Stationery. Sell it on sight for only $1 per box! **ALSO FREE** Book of easy ways for any beginner to make money!

READY CUT HOMES

ORDER NOW! Homes $1655 and up, freight paid. Orders filled in order received. Save at least $500 on modern production method homes. Much more compared with builders' prices. Anyone can assemble with simple plans furnished. Complete, including paint, hardware, roofing, glass, nails, etc. Send 35c in coin for full color catalog showing 57 modern low-priced homes and floor plans. Complete building plans ready for filing at low cost. Sold separately if desired.

Dept. A-28 INTERNATIONAL MILL & TIMBER CO., Bay City, Mich.

Burpee GLOXINIAS

Superb for House Plants, also Porch, and Outdoors

Few house plants grow so quickly and so easily. Will bloom as long as 4 months. Gorgeous flowers 3 to 4 in. across in scarlet, crimson, pink, blue, violet, mixed.

Large bulbs, will last for years. Directions included. Mailed postpaid, order now: 40c ea.; 3 for $1.; 10, $3.

W. ATLEE BURPEE CO.

Burpee Catalog FREE 386 Burpee Bldg. Philadelphia 32, Pa. OR 386 Burpee Bldg. Clinton, Iowa

YOU'VE never seen anything like it . . . never expected it . . . never even *dreamed* there could be a refrigerator like this! It's one of America's great new postwar products . . . coming soon to your Kelvinator dealer's!

Kelvinator Division of Nash-Kelvinator Corporation
Detroit, Michigan.

Kelvinator
—of Course!

Easy Recipe

Boston Peach Cream Dessert

by Ann Pillsbury

3 eggs — ⅓ cup water
1 teaspoon grated lemon rind
½ teaspoon vanilla extract — 1 cup granulated sugar
2 tablespoons lemon juice — 1 cup all-purpose flour
1 teaspoon double-acting baking powder
(or 1½ teaspoons single acting)
½ teaspoon salt — Cream filling
Canned cling peach halves — Whipped cream

Combine egg yolks, water, rind and flavoring. Beat thoroughly with rotary beater. Gradually add sugar; beat after each addition. Blend in lemon juice. Stir in sifted dry ingredients; blend thoroughly. Fold in egg whites beaten until stiff, but not dry. Pour into two greased, waxed paper-lined, 8-inch layer cake pans. Bake in moderately slow oven (325 degrees F.) 35 to 40 minutes. Cool. Spread cream filling and diced peach halves between layers. Top with whipped cream and peach halves.

Cream filling: Heat 1 cup milk and 2 tablespoons butter. Blend ⅓ cup all-purpose flour, ¼ teaspoon salt, ⅓ cup granulated sugar, ½ cup cold milk. Stir into hot milk and cook and stir until thick. Blend in 2 slightly beaten egg yolks, mixed with a little of the hot mixture. Cook 2 minutes. Cool. Add 1 teaspoon vanilla extract.

Copyright 1947, Cling Peach Advisory Board

They're wonderful so many ways!

With California's finest sweet, sun-flavored canned cling peaches handy you can serve easy peach treats like these:

Peach Cakelets: Hollow out centers of chocolate cupcakes. Fill with sliced canned cling peaches. Top with whipped cream to which cake crumbs have been added.

Instant Dessert (below): Luscious California cling peaches right from the can! Full of juicy, just-picked flavor! Yellow as the sun that ripens them! Superb for salads! Perfect for pies, cakes, cobblers, gelatins! Both kinds, halves or slices, come in a variety of syrups and sizes for any purpose, any purse. *Always get clings!*

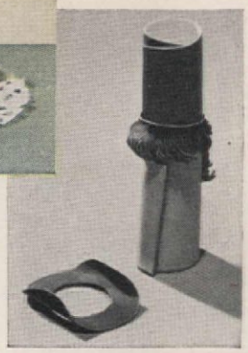
Ask for your favorite brand of

Canned Cling Peaches from California

Canned Halves · Canned Slices · Canned Fruit Cocktail - in tin or glass

Patriotic and Sentimental Favors

February suggests a patriotic theme for parties. Honest Abe has a paper face and stovepipe hat. Chocolate candy rolls, cut in half, used as arms



For this month's parties

"February Frolics"..20¢

"Patriotic and Sentimental Favors"....10¢

The American Home
Party Department
444 Madison Avenue
New York 3, N. Y.

Photographs by F. M. Demarest

This favor began as a cupcake; now it's George Washington, complete with peruke and tricorne. His arms: maraschino cherries on toothpicks

February is a romantic month, too. The lady in a striped-paper garden hat is adaptable to many parties. She's concocted just like the ones above, but she has small lollipop arms

A St. Valentine's Day heroine: first cut the layer cake into heart-shaped pieces and then spread them with your favorite filling; add pretty paper face; place favor on lace-paper doily

Favors by Joy Hearn Bear

Stick 'em up!

Harold S. Moore

Hard-Candy Favors to Delight Young Fry

THE children will think the little gnomes had a hand in the gay party preparations, if you decorate the table with little hard-candy animals. They are colorful, appealing —easily and quickly made.

To construct them, use small, whole candies, or break longer ones—like candy canes—into appropriate lengths. Hold the ends that will be attached over a flame until it is soft-to-dripping. Then press the two pieces together firmly, and hold them until they become hard again. Follow this procedure with each additional piece until the whole figure is completed. When working with small pieces, a pair of kitchen tweezers is helpful.

If you aren't thoroughly convinced that the pieces will hold together, just remember all the times you've grumbled because hard candies in a jar *have* stuck, and you'll go ahead with confidence and sparkling success. They're a different idea for place-card favors at an adult party, too.

Made entirely of hard candies, these favors can stand alone or can be mounted on butterscotch-patty bases. Use chips of candy for eyes, tails, ears. Candy markings can suggest faces both realistic and comical

Photographs by F. M. Demarest

GOLDEN, SUN-DRENCHED California Cling Peaches nested in a spicy base of Knox Gelatine make this gay new salad you'll love. See how the tantalizing real peach flavor stands out. That's because Knox is unflavored... lets food flavors speak for themselves.

SPICED PEACH AND CHEESE SALAD

Soften: 1 envelope Knox Gelatine in: ¼ cup cold water

Let this stand.

Combine: 1 cup peach syrup, drained from can
½ cup water
¼ cup vinegar
¼ cup sugar
1 two-inch stick cinnamon
8 whole cloves

Bring to a boil and simmer 5 minutes. Remove spices and stir in gelatine until dissolved. Chill. Arrange in a shallow pan that has been rinsed in cold water: 8 canned peach halves, cut side up

Mash with a fork:
Add: 1 package cream cheese (3-oz.)
2 tablespoons mayonnaise
¼ teaspoon salt
½ teaspoon Worcestershire sauce
2 tablespoons chopped pimiento

Top peach halves with cheese mixture. When gelatine mixture begins to thicken, pour carefully over peaches and chill until firm. Serves 8.

TWO NEW PEACH TREATS OUT OF THE WEST

LUSCIOUS, TENDER ...a creamy froth, flaked with sweet peach tidbits. You get all the sunny California peach flavor, too, for Knox Gelatine is plain, unflavored. Nutritious, too, because Knox is all protein, no sugar.

PEACH WHIP

Soften: 1 envelope Knox Gelatine in: ¼ cup peach syrup, drained from No. 2½ can sliced peaches

Dissolve over boiling water. Mash with a fork:

Add: 1 cup sliced peaches, drained
¼ cup lemon juice
⅓ cup sugar
¼ teaspoon salt
1 teaspoon almond extract

Stir in dissolved gelatine. Chill. Beat until stiff: 2 egg whites

Whip: ½ cup heavy cream

Fold egg whites and whipped cream into peach mixture. Arrange pieces of stale cake or macaroons in sherbet glasses. Fill with peach mixture and top with remaining peach slices. Chill until firm. Serves 8.

P.S. FREE! Write to Mrs. Charles B. Knox, c/o Knox Gelatine Co., Box A-1, Johnstown, N. Y., for her beautifully illustrated recipe book.

CALIFORNIA CLING PEACHES CANNED HALVES · CANNED SLICES CANNED FRUIT COCKTAIL in tin or glass

and KNOX GELATINE

PLAIN, UNFLAVORED GELATINE

Sweet and Tender

Esther Foley

DESSERTS are something special in the way of food. Mothers find them useful bribes, surprises, gestures of love. Especially gestures of love. Do you remember how lonely you were whenever a sore throat kept you home from school? How you sat, neglected and apart, in a chair by the sunny window while the house was cleaned and dusted? And how much better you felt the minute your mother found the time to stop and say, "Now, what would you like for dessert?"

The dessert your mother cooked just for you is still your favorite. It is sweet, simple in flavor, soft in texture. Peach Cake? Lost Bread? Cream Mold? In our house the treat was steamed custard . . . pale gold and tender . . . made in individual glass cups.

The Tapioca Cream, pictured on this page, is good enough to be a Valentine version of my custard. To make the heart-shaped whipped cream garnish, tint the cream carefully with red coloring, then spread it an inch thick on wax paper. Press a heart cutter into it, slip a spatula under the cutter and lift the shape onto the pudding. Press the cutter down lightly but firmly, then raise it slowly and the cream will slip out. Very pretty. But, when the dessert is light, the meal must be hearty.

Cream of tomato soup brings the stomach into focus so that the roast Canadian bacon can be enjoyed. Being already cooked, the meat requires only heating and glazing. With it try kale. Kale deserves a new introduction because it has been in the background too long. Rich in food values, this green is not expensive. Wash it well, strip it of stems and rough fibers, and cook quickly in water. Drain, chop, toss with salt, pepper, and plenty of butter or margarine. Eat hearty!

Dishes—Quimper, Carbone, Inc.; Morning Star Community by Oneida Silversmiths; Glass Dishes, Imperial Glass Corp.; Carving Set, Ekco Products Company; Photographs by F. M. Demarest.

Piping-hot, seasoned Del Monte Golden Cream Style Corn in parboiled green pepper halves — that's *always* a hit! And just right with your favorite casserole of leftover turkey and these special

DRESSING STICKS

- 4 cups soft bread crumbs
- 2 tbsps. finely cut parsley
- 3 tbsps. finely chopped onion
- 1 tsp. each, salt and celery seed
- ⅛ tsp. pepper
- ½ tsp. thyme
- ¼ tsp. paprika
- 1 egg, slightly beaten
- 3 tbsps. hot water
- 3 tbsps. melted fat

Toss dry ingredients together lightly. Stir in the beaten egg, hot water and melted fat. Form dressing in finger shapes on greased cooky sheet, and bake in hot oven (400°F.) about 15 minutes. Makes 8 sticks 4½ in. x 1¼ in. x ½ in. Serve hot.

This is the way you buy the corn

that's packed by the brand Del Monte that flavor built

If you like corn so tender it's hard to tell where the butter leaves off and the corn begins—then Del Monte Brand Corn is for you.

And my, but it does *taste* good! It's rich. It's hearty. It's milky-sweet. Something quite special in corn — fully what you'd expect from a brand that's been on such good terms with flavor for so long.

What's more, you can enjoy this corn in *two* different styles.

In Del Monte Golden Cream Style Corn, we cater to those who want creamy smoothness. You don't have to look twice to find the kernels, either—there are lots of them, tender and bright as can be.

In Del Monte Golden Whole Kernel Corn, we vacuum-pack such plump, sweet-eating kernels as put your memories of Grandma's cornpatch to shame.

In either style, you get the same inviting flavor. So when you're shopping for corn, you'll certainly want to look for Del Monte first.

Del Monte CORN

the brand that always puts flavor first

SKATING-PARTY DINNER

Cream Mushroom Soup
Hot Potato Salad with Crisp Sausages
Scalloped Tomatoes
Split Toasted Corn Muffins
Steamed Custard
Coffee

SNOWY-DAY FAVORITE

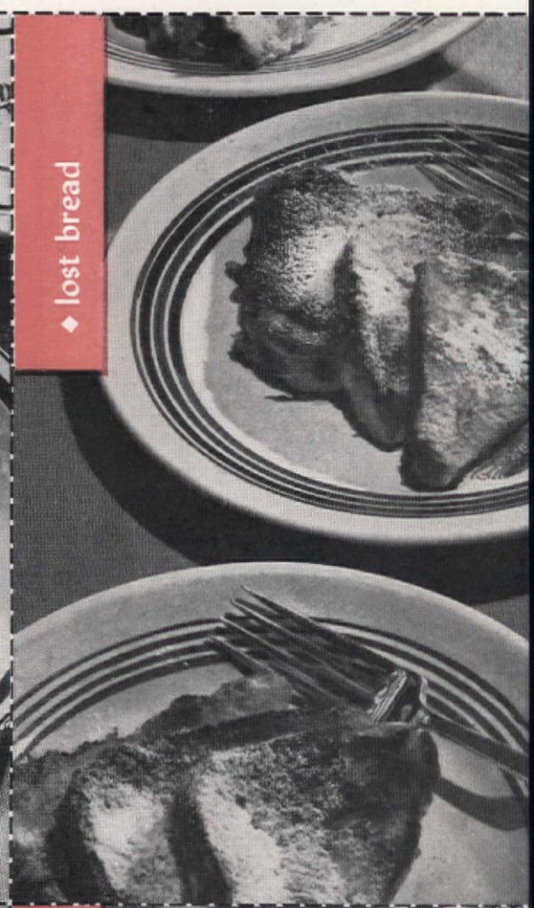
Meat Broth
Beef Stew with Carrots and Dumplings
Curled Celery
Tossed Green Salad
Orange Bavarian with Bananas
Coffee

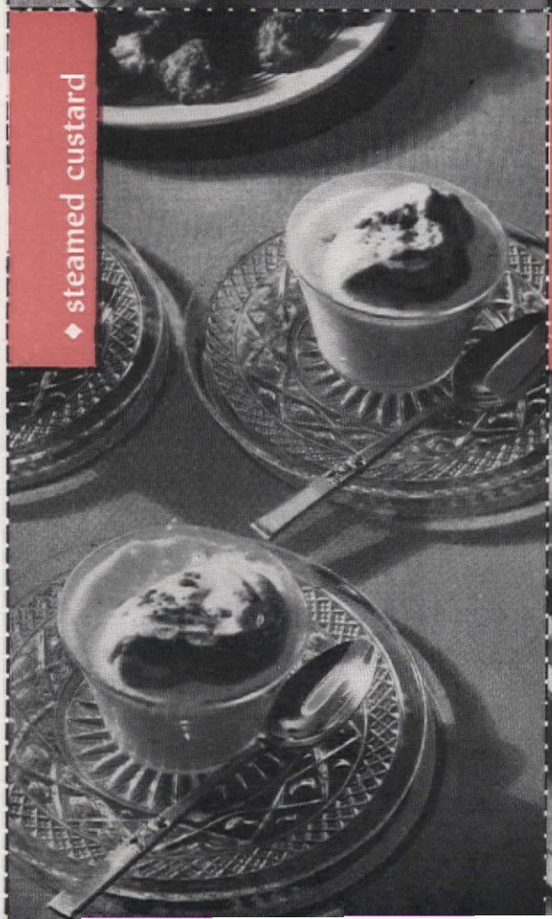
HAPPY DAY DINNER

Cream of Tomato Soup
Glazed Roast Canadian Bacon
Buttered Kale
Mashed Sweet Potatoes with Apples
Tapioca Meringue Pudding
Coffee

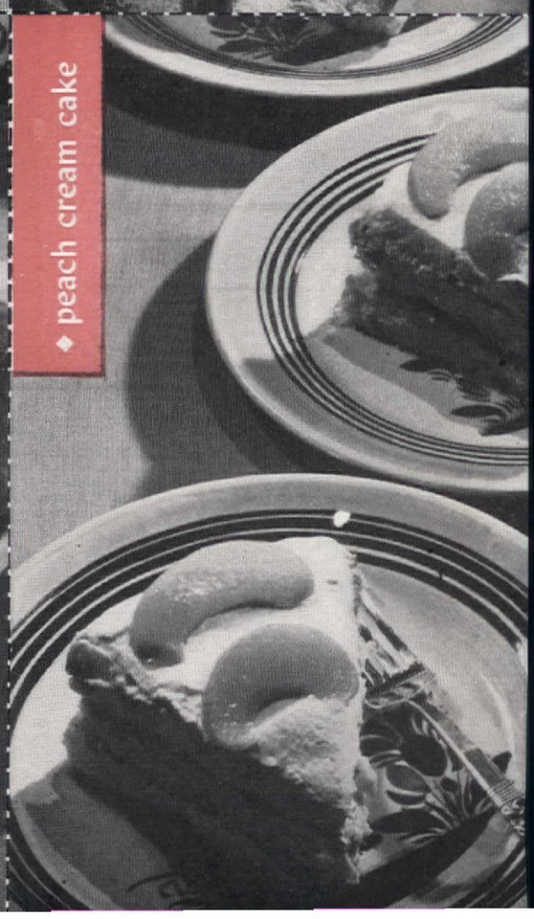
◆ tapioca meringue pudding

◆ orange bavarian cream


◆ lost bread


◆ steamed custard

◆ apple potato casserole


◆ peach cream cake

◆ peach cream cake

Preparation time: 1 hr.

1 cup sifted flour
1¼ tsp. baking powder
½ tsp. salt
3 eggs, separated
⅓ cup water
1 tsp. grated lemon rind
½ tsp. vanilla flavoring
1 cup sugar
2 tbs. lemon flavoring

Sift together flour, baking powder, and salt. Combine egg yolks, water, lemon rind and vanilla and beat thoroughly with a rotary egg beater. Gradually add sugar, beating well after each addition. Add the lemon juice. Blend dry ingredients into egg mixture gradually, stirring carefully. Beat egg whites until stiff but not dry, and fold into the batter. Pour into two greased, waxed-paper lined, 8-inch layer pans. Bake in a slow oven (325°F) for 35-40 minutes. Remove from pans while warm. Cool and put sliced peaches and cream filling between layers. To make cream filling: Heat ½ cup milk with 1 tbs. butter. Combine ¼ cup flour, ⅛ tsp. salt, and 3 tbs. sugar. Add ¼ cup cold milk to dry ingredients and stir until smooth. Stir in hot milk and butter slowly; cook, stirring constantly until thick. Blend in slightly beaten egg yolk to which a little of the hot mixture has been added. Cook 2 minutes. Cool. Flavor with ½ tsp. vanilla. Top cake with whipped cream and peach slices.

Serves 6-8 ***275 cal. per serving*** ***Source of vitamins A, B complex***

Tested in THE AMERICAN HOME KITCHEN

◆ lost bread

Preparation time: 20 min.

6 medium slices white bread
½ cup milk
1 tbs. sugar
1 tsp. vanilla flavoring
3 eggs, slightly beaten
Butter or margarine for frying
Confectioners' sugar

Trim crust from bread. Cut in triangles. Dissolve sugar and vanilla in the milk. Brush bread lightly on each side with the milk, but do not wet it thoroughly. Then dip each slice in egg, evenly wetting both sides. Fry quickly in melted butter, browning delicately. Serve 3 pieces to a portion, dusting generously with sugar.

Serves 4 ***261 cal. per serving*** ***Source of vitamin A, B complex***

Tested in THE AMERICAN HOME KITCHEN

◆ apple potato casserole

Preparation time: 45 min.

4-6 medium sweet potatoes
Salt and pepper
¼ cup orange juice
¼ cup honey or brown sugar
¼ cup butter or margarine
4 thick apple slices

Wash potatoes and boil 20-30 minutes or until tender. Peel, mash, and season to taste with salt and pepper, add milk to make fluffy. Make a syrup of orange juice, honey, butter and 1 tsp. salt. Pour over apple slices, cover and bake until apples are soft. Glaze under broiler, if necessary, to obtain a good color. Place potatoes in casserole, top with apple slices, drizzle over any remaining sauce and serve very hot.

Serves 4-6 ***406 cal. per serving*** ***Source of vitamins A, C, B complex***

Tested in THE AMERICAN HOME KITCHEN

◆ orange bavarian cream

Preparation time: 30 min. (chill 2 hrs.)

1½ tbs. unflavored gelatin
¼ cup cold water
1⅓ cups (15 oz. can) sweetened condensed milk
2 tbs. lemon juice
1 cup orange juice
Grated rind of 1 orange
1 cup heavy cream, whipped

Soften gelatin in cold water; place over hot water to dissolve. Add sweetened condensed milk, lemon juice, orange juice and grated orange rind. Blend thoroughly. Place bowl in a pan of ice water and stir occasionally until mixture begins to thicken. Fold in whipped cream. Turn into a mold which has been rinsed in cold water. Chill in refrigerator until firm. Unmold onto serving dish and garnish with sliced banana.

Serves 8 ***330 cal. per serving*** ***Source of vitamins A, C***

Tested in THE AMERICAN HOME KITCHEN

◆ steamed custard

Preparation time: 25 min.

1 qt. milk
¼ cup sugar
Dash of salt
6 eggs
¼ heavy cream, whipped
Cinnamon

Scald milk. Add sugar and salt. Pour slowly over slightly beaten eggs. Pour mixture into six custard cups, cover with waxed paper. Place in steamer, cover and steam 15 minutes or until firm. Cool, garnish with whipped cream, and sprinkle with cinnamon just before serving.

Serves 6 ***223 cal. per serving*** ***Source of vitamins A, B complex***

Tested in THE AMERICAN HOME KITCHEN

◆ tapioca meringue pudding

Preparation time: 45 min.

1 egg, separated
2 cups milk
4 tbs. sugar
Dash of salt
3 tbs. quick-cooking tapioca

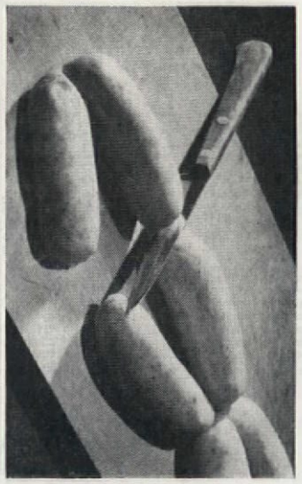
Beat egg white until foamy, add 2 tbs. sugar slowly and beat until thick. Set aside. Mix yolk with a little of the milk, then add remaining ingredients and the rest of the milk. Place over medium heat, bring to simmering point, stirring constantly, and then remove. Pour slowly into beaten egg white, stirring and folding until just blended. Cool 20 minutes, stir again, and then chill. Serve with a heart-shaped garnish of egg white or whipped cream, delicately tinted with pink vegetable coloring.

Serves 4 ***190 cal. per serving*** ***Source of vitamins A, B complex***

Tested in THE AMERICAN HOME KITCHEN

Keep the Skins On

TRICKS of the TRADE



Sausage casings are delicate. Untwist the links carefully, then cut off each with a very sharp knife. Do not break, pull, tear links apart

Place links in cold skillet and cook very slowly until brown. Turn when necessary with a spatula or a spoon; forks will pierce the skin

Eatin' Ozark Style

Al Mann

LET me quote my friends in the Arkansas Ozarks to start you on a new road of eating pleasure.

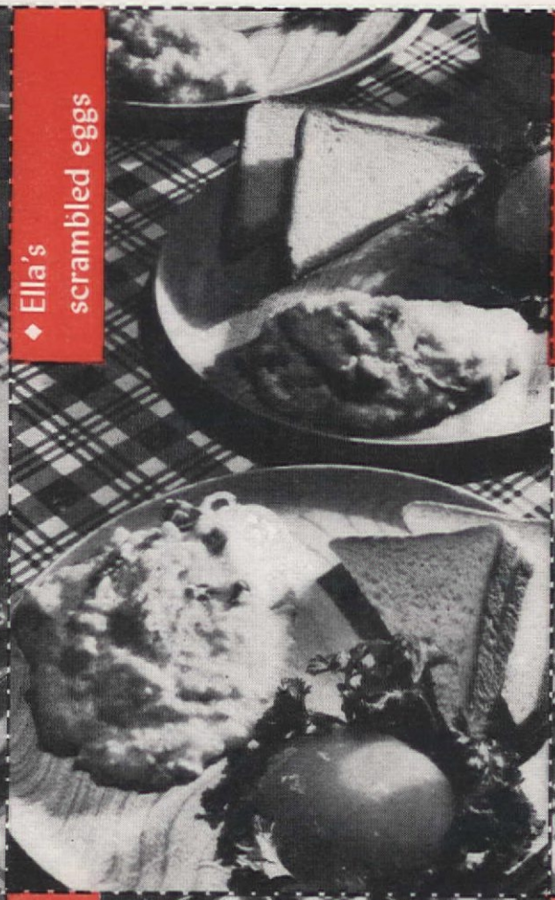
"Pore folks pore ways", they say, but "makin' do with what you've got" makes "the folks about as well off as the peepul."

The "makin' do" portion is more than a fad; it is, in most cases, a necessity. The people have little enough from their not-so-good earth. My Ozarker friends offer no apology (and to get along with them you'd better not expect any) for what there is to eat on the place at any given time. But most of this "makin' do" food is fine eatin' on anybody's table. A great many people might want, after seeing and eating at an Ozark mountain home, to have "pore ways", too.

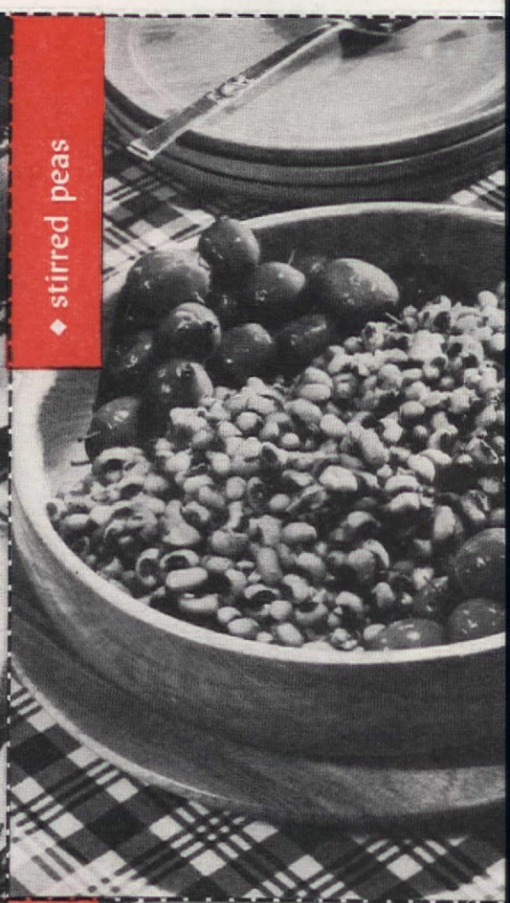
In these hills, a visitor is more than welcome and always urged to stay for a meal. The food is simple, wholesome, and an example of what can be done with garden stuff, fattin' hawgs, wild fruits, greens and game.

Each summer mountain women, wives and mothers, put up food to supplement the Irish potatoes, hog meat, and cornbread which are on every table. Molasses that looks like amber honey and has a pleasing twang helps out meager sugar rations. Hillwomen have always been rationed by circumstances. Maybe you'd like to use a few of the dishes. Here are six typical recipes.

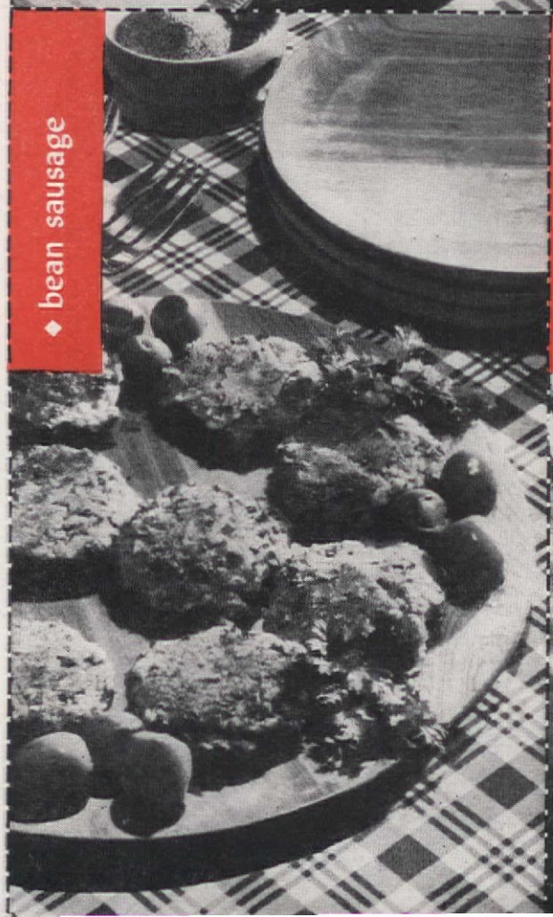
◆ Ruthie's huckleberry pie



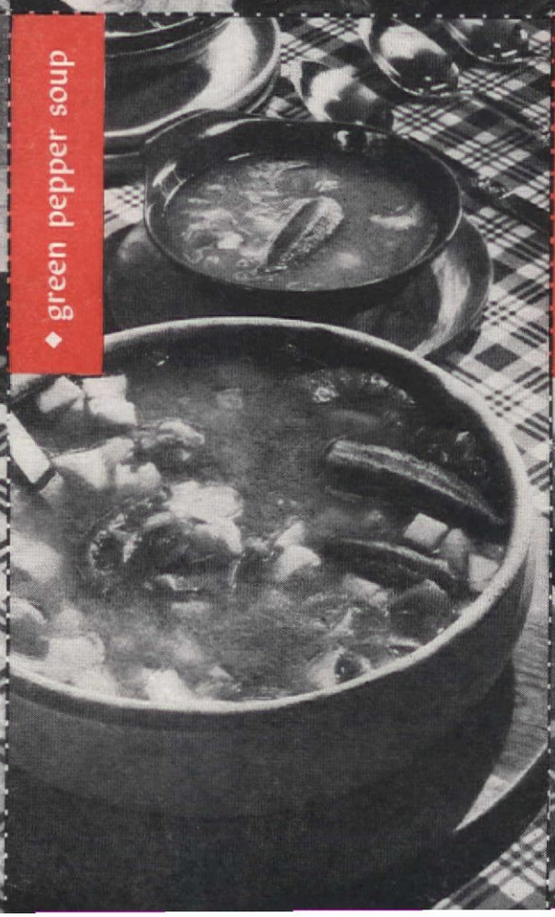
◆ Ella's scrambled eggs



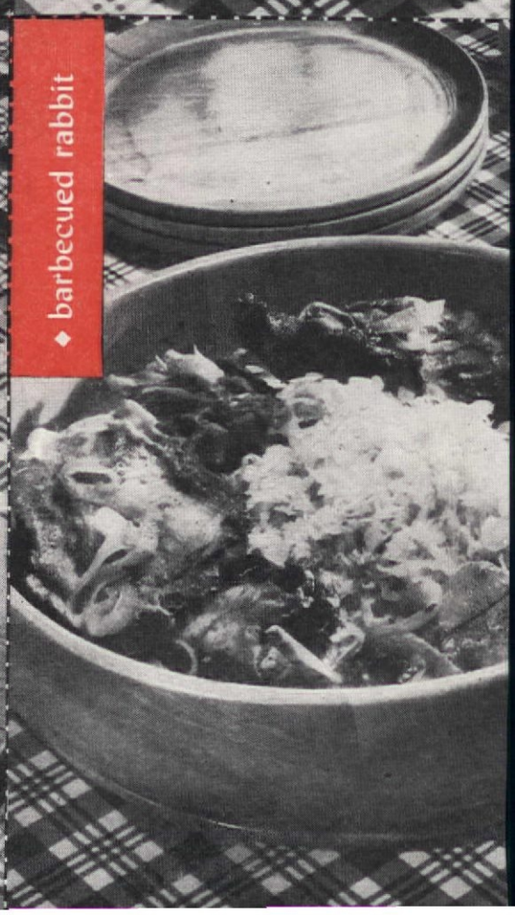
◆ stirred peas



◆ bean sausage



◆ green pepper soup



◆ barbecued rabbit

◆ barbecued rabbit

Preparation time: 3 hrs.

1 4-5 lb. rabbit
3 small onions, sliced
1 whole red pepper, sliced
1 tomato, cut in wedges
Salt and pepper
½ cup bacon drippings

HAVE butcher dress, clean, and cut up rabbit. Wash and place pieces of rabbit in a baking pan. Add onions, red pepper, tomato and sprinkle with salt and pepper. Add bacon drippings. Cover and bake in a slow oven (325°F) for 3 hrs., or until tender. Baste every 20 minutes with the drippings. Serve with sauerkraut, drained and heated.

Serves 6 ***461 cal. per serving*** ***Source of vitamin B complex***

Recipe submitted by Al Mann
Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.

Tested in THE AMERICAN HOME KITCHEN

◆ stirred peas

Preparation time: 2 hrs.

1 lb. dried black-eyed peas
Water to cover
1 tsp. salt
½ cup bacon drippings
Pepper

SOAK peas overnight in cold water. Drain. Cover with water; add salt and cook about 35 minutes, or until tender. Drain well. Place peas in a skillet and add bacon drippings. Cook over a very slow fire, stirring frequently, for about 45 minutes. Add more salt and pepper if needed. Serve peas with spiced, whole crab apples. Peas cooked in this fashion have an unusual flavor without added seasonings.

Serves 6 ***394 cal. per serving*** ***Source of vitamin B complex***

Recipe submitted by Al Mann
Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.

Tested in THE AMERICAN HOME KITCHEN

◆ green pepper soup

Preparation time: 1 hr.

4 tomatoes, sliced
4 white potatoes, diced
1 green pepper, sliced
6 pods okra, whole
2 medium onions, sliced
4 tbs. bacon drippings
1½ qts. water
2 tsp. salt
Dash of pepper

PLACE tomatoes, potatoes, green pepper, okra, onions and bacon drippings in a large kettle. Cover with water; add salt and pepper. Cover and simmer until vegetables are tender, about 45 minutes.

Serves 6 ***166 cal. per serving*** ***Source of vitamins A and C***

Recipe submitted by Al Mann
Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.

Tested in THE AMERICAN HOME KITCHEN

◆ Ella's scrambled eggs

Preparation time: 30 min.

2 small onions, sliced
1 green pepper, sliced
3 tbs. bacon drippings
3 tbs. flour
1½ cups milk
Salt and pepper
6 eggs, slightly beaten

COOK onion and green pepper in bacon drippings until tender. Stir in the flour. Gradually add the milk and cook, stirring constantly until the mixture thickens. Season to taste with salt and pepper. Add the eggs and cook, stirring slowly until the mixture is firm. Bread-and-butter sandwiches and a peach halve make this a complete luncheon.

Serves 4-6 ***183 cal. per serving*** ***Source of vitamins A, B complex***

Recipe submitted by Al Mann
Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.

Tested in THE AMERICAN HOME KITCHEN

◆ bean sausage

Preparation time: 20 min.

4 cups cooked pintos, navy beans or black-eyed peas
½ tsp. sage
Dash of red pepper or tabasco
2-3 tbs. flour
1 tsp. salt

DRAIN beans and mash. Mix with the remaining ingredients. Shape into flat cakes and fry in bacon fat until well browned. These cakes have a sausage-like flavor and can be used as a meat substitute.

Makes 12 Cakes ***224 cal. per cake*** ***Source of vitamin B complex***

Recipe submitted by Al Mann
Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.

Tested in THE AMERICAN HOME KITCHEN

◆ Ruthie's huckleberry pie

Preparation time: 30 min. (chill for 1 hr.)

2 cups sifted flour
3 tsp. baking powder
½ tsp. salt
⅓ cup shortening
2 tbs. butter or margarine
⅔ cup milk
2 pkg. frozen huckleberries, sweetened

MIX and sift dry ingredients; cut in shortening and butter until well mixed. Add milk and stir quickly until a soft but not sticky dough is formed. Turn out on a lightly floured board and knead just enough to shape into a smooth ball. Roll ⅓ of dough out into an 8-inch square about ⅛ inch thick. Repeat, making 3 squares of dough. Place on an ungreased baking sheet and bake in a very hot oven (450°F) for about 12 minutes or until browned. Cut 2 squares of the dough into 1-inch pieces and line bottom of a shallow casserole. Add a layer of sweetened, crushed berries. Repeat layers of dough and berries until all are used. Top with remaining dough cut into neat 2 inch squares. Sprinkle with sugar and cinnamon. Place in refrigerator and chill for 1 hour before serving.

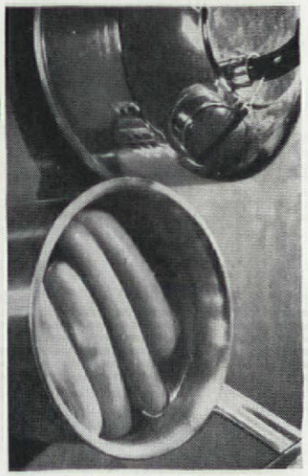
Serves 6 ***406 cal. per serving*** ***Source of vitamin A, C, B complex***

Recipe submitted by Al Mann; Fabrilite tablecloth, Du Pont. Wooden table service, Warner-Carroll, Inc.; Pyrex Juice Saver pie plate, Corning Glass Works

Tested in THE AMERICAN HOME KITCHEN

Eggs, refrigerator cold, should be put on to cook in cold water, or the shells will crack. When the water simmers, cook for 2 to 5 minutes

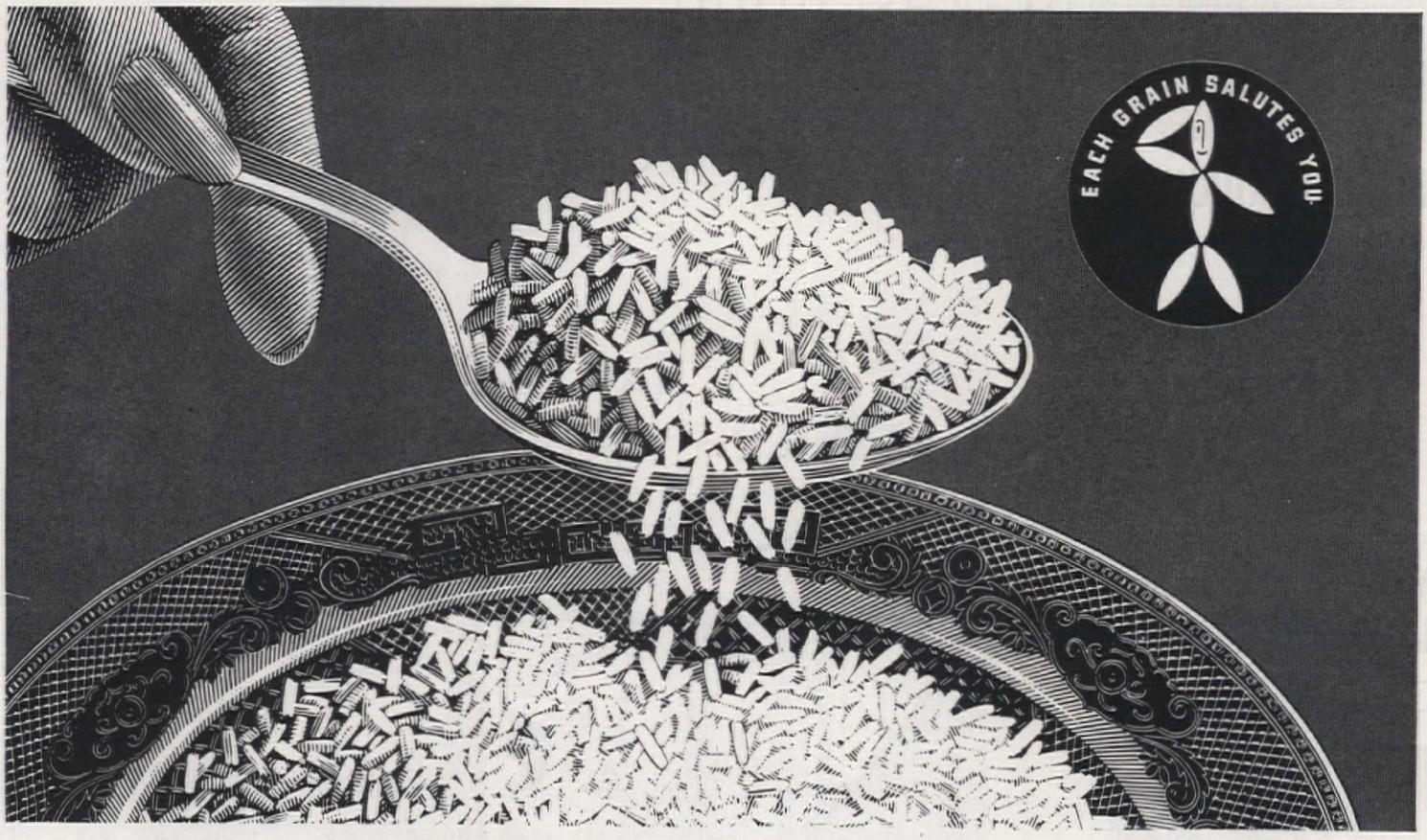
To retain juiciness place frankfurters in kettle, cover with boiling water; frankfurters are already cooked, just require thorough heating



Cover pan and leave them from 7 to 8 minutes. To prevent bursting hot cases, remove franks from hot water with skimmer or spoon

NEW KIND OF RICE

Anyone can cook it like an expert



It's so easy to prepare. Sunny-colored grains that cook white and fluffy every time. The grains stand apart—"Each grain salutes you." Richer, fuller, nut-like flavor.

The new idea in rice that created so much interest among food chemists and the Army's food experts early in the war, is now becoming available at food stores everywhere.

Fluffs Up—Looks Nicer

Leading chefs like it because it fluffs up—looks nicer on the plate. They have learned, too, that it may be kept, either hot or cold, without gumming up or sticking to the pan. Naturally it goes further. You will like it for the same good reasons.

White Magic in Cooking

The first thing you will notice about Uncle Ben's *Converted* Rice is that the grains are sunny colored. But presto! In cooking, the grains turn white and fluffy.

No Pot Watching

You don't have to time Uncle Ben's Rice to the minute. If dinner is delayed a little, you can still have fine, fluffy, good-tasting rice.

Richer, Fuller Flavor

Another happy discovery about Uncle Ben's will be its flavor—a delicate, nut-like taste—a richer, fuller flavor than you have ever known in rice. It's a taste you don't tire of . . . a wonderful new eating experience.

And best of all, you'll find that it's a lot less trouble to cook Uncle Ben's Rice. You can forget about the washing, rinsing and steaming that take extra time and require extra utensils.

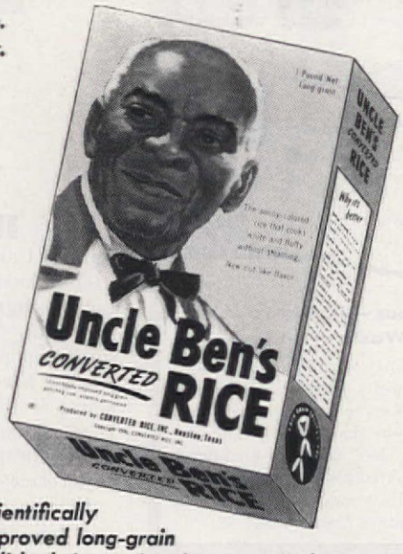
B Vitamins Saved

This is the product that The Reader's Digest called a "Revolution in Rice."

This is the product that the U. S. Army Quartermaster Corps took control of during the war because of its high vitamin value and because it kept better in any climate.

This is the product that nutritionists have been enthusiastic about because our new patented process (exclusive with Uncle Ben's) saves, in the rice kernel itself, a high percentage of B vitamins and other whole-grain properties that are largely lost in ordinary polished rice.

Try this grand-tasting new rice—in your favorite rice dish—*soon.*



Scientifically improved long-grain polished rice—vitamin permeated. The sunny-colored rice that cooks white.

Uncle Ben's RICE

"Uncle Ben's" and *"Converted"* are trade-marks of CONVERTED RICE, INC.

CONVERTED RICE, INC., Houston, Texas

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There's **ONLY ONE WAY** to Make

GRAVY This RICH! BROWN! DELICIOUS!

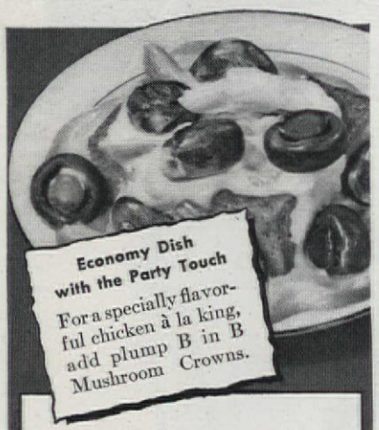
Good Cooks say USE

KITCHEN BOUQUET

Famous chefs know you can't get gravy so specially rich and delicious, such an appetizing deep brown color—*without help*. Nor can you depend on weak, watery so-called "gravy helps." Kitchen Bouquet is what you need. It's *full strength to give full flavor!* Simply add Kitchen Bouquet — your gravy will be gloriously brown . . . rich . . . delicious!

Only B in B Mushrooms Are Broiled in Butter

—to give you that rich, new far-more-delicious B in B flavor!



Economy Dish with the Party Touch

For a specially flavorful chicken à la king, add plump B in B Mushroom Crowns.

Delicious—Ready to Use! No Waste—No Loss!

Choice hothouse mushrooms—tender, meaty—are picked when their flavor reaches perfection! Then they're rushed to our spotless plant, broiled in finest creamery butter and packed in their own luscious broth, to add appetite appeal to *hundreds* of dishes.

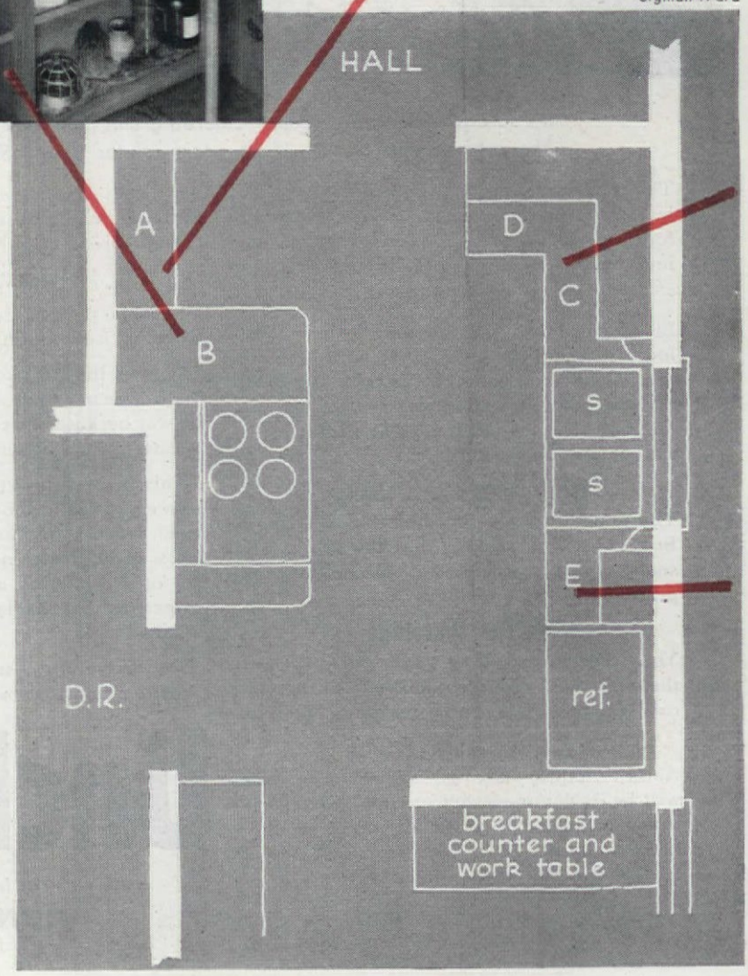
B in B MUSHROOMS

now packed in 3 different styles for every mushroom use!

Whole Crowns | **Sliced Crowns** | **Chopped Mushrooms**

GOOD STORAGE makes good housekeeping

Sigman-Ward



Edith Ramsay

HELEN Powell Smith of Cornell University tells us that she lets her kitchen work for her. Yes, it is that simple. After she worked out her plans and experimented with small equipment and supplies, she studied her kitchen workshop. Her advise is that you, too, do this for yourself, so you may more readily plan, with minimum effort, nutritionally correct meals for your family.

How to do it? Just sit down with a pencil and paper and jot down items as you plan. This does not mean a complete remodeling job, nor thinking up expensive ideas—often it is just the simple, humble device of rearrangement that gives you the greatest service and satisfaction.

Since the main functions to be performed in your kitchen are the preparation of food, cooking, serving and dishwashing, consideration should be given to the general setup of the large pieces of equipment—stove, refrigerator, sink, table or counter space.

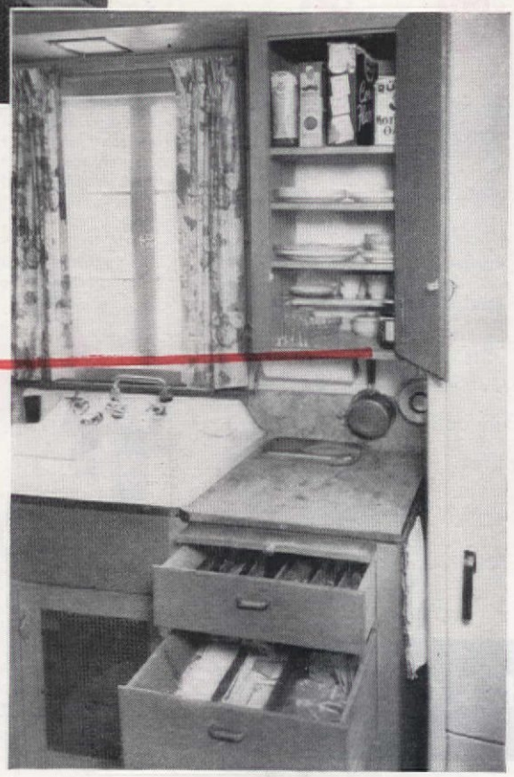
A. Functional dish cupboard for piling dishes by sizes. The half shelves, section shelves, aid in convenient use and better care

B. Counter top to right of range aids in preparing and serving. Electric equipment is mostly used here. Trays, skillets, other stove equipment are vertically stored here. Plan shows location of units

Photographs by John F. Brock

Let your kitchen work for you . . . it can be as simple as that if you work out your plans and experiment with arrangements

C. Careful planning gives us the most convenient kitchen. Be sure to group the major equipment in relation to the jobs to be done; arrange cupboard and storage space accordingly. Set your work patterns around these patterns and your job will be simpler, you happier



D. Racks, step shelves, bowl shelf, hanging equipment, partitioned drawers, electric outlet, knife rack, assist in making the preparation center easy to work at

E. Assemble all the supplies and the equipment for breakfast at this, the breakfast unit, close to all areas

Working heights, step-saving, convenience and ease in caring for equipment should be part of the plan.

The organization of small equipment can be fun. Think through each job and consider the equipment needed. Then make a list of these things and decide where to place them, so they will be within reach of the work center for that task. Make a scale drawing of your kitchen, make samples of the larger pieces of equipment to the same scale as the plan. Move these about on the plan, from one wall to another, until you have the most efficient and convenient arrangement possible.

Have you ever thought of a breakfast unit—not a breakfast nook—but a preparation center? Many families have a simple or staple breakfast—make the most of it. Arrange equipment and food supplies so that any member of the family can prepare this early-morning meal in a jiffy.

Planning rules are simple. Put together things that are used together. Skillets are always used on the range, so put them there. Articles used for baking, whether cake, bread or pie, have similar relationships. Have duplicates, if articles are used constantly in two places. Salt is needed at the range and at the mixing center. A tiny board can stand ready to cut oranges in one place, its mate near the breadbox. Bowls, pots, and pans can be ready where used, instead of piled up far away from the stove. Knives can be placed in a rack near the main working center. Nothing needs to be cluttered.

Only in Swift's Cleanser do you get **both** the things you want in a cleanser—**instant** grease cutting for **fast** cleaning—and **scratchless** action for **safe** cleaning!

It's America's finest cleanser! No after-grit . . . no sediment that has to be rinsed away. And it actually polishes as it cleans. Try it for a week—you'll use it for life!

Pick the Polka Dot Package Choice of 3 colors

RED GREEN BLUE

America's finest Cleanser by Swift & Company

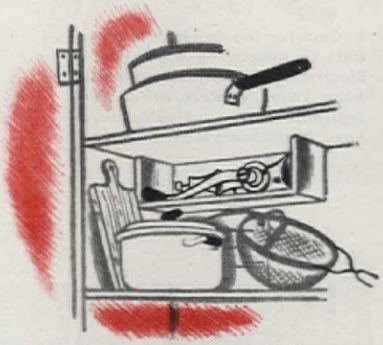
Georgia Eberling used the unused cellar stairway in her home. The built-in cupboards were not adequate for all the pots, pans, kettles, roasters, and other large equipment.

The stairway going to the basement was one of her pet grievances. It was unlighted, yet that space was the same as her mother's pantry.

She had a carpenter build a door to fit that stair space. He hinged it on one side and hooked it up on the opposite wall, so there could be easy access to the basement at all times. When the door is unhooked and lowered, it is a tight-fitting, safe floor.

Now, she has a pantry 38 inches by 72 inches. A wide shelf is at the top and holds preserving kettles, colanders, and big roasters which are used occasionally. On the second shelf, which is 20 inches wide, are pots and pans used most frequently. The third shelf holds pie tins, double boilers. An upright bar on this shelf keeps lids standing up. On the wide bottom shelf are the breadbox, frying pans, small stew kettles. The ledge around the inset cellar door serves as storage space for the carpet sweeper; on the walls hang the dust mop and brushes used in cleaning. A drop light was installed. The walls were painted cream color, the shelves

Dorothy Mitchell gathered many of the ideas below from the Chinese, who have a "second use" for their discarded paraphernalia. With our American ingenuity, they can be adapted easily

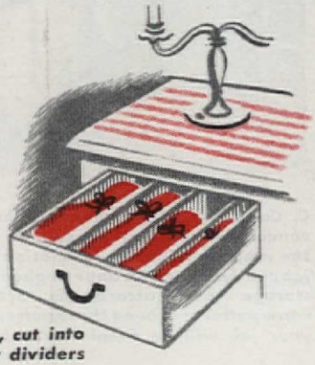


One half of a fruit-lug box is attached to underside of a cupboard shelf to make meat grinder more accessible

Drawings by Margaret Nielson

The other half of the box makes an ideal step shelf as well as a space-saver for the necessary spice boxes

Georgia Eberling makes good use of otherwise useless walls of a stairwell off the kitchen. Above, the floor is raised for easy access to basement. Below, it is closed so that one may walk in and reach all of the shelves



White corrugated gift boxes, cut into sections, make silver drawer dividers

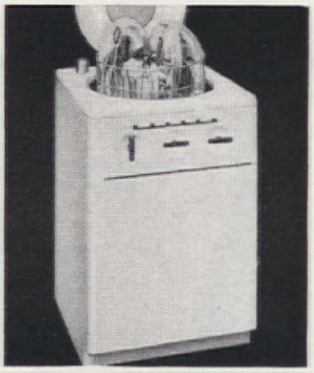
The narrow waste space between wall and cupboard, painted bright colors to match, or contrast with, kitchen decor is just perfect for cookbooks

BRING ON THOSE

Dirty Dishes

—THE MORE THE MERRIER!

Those greasy dishes, those snack plates and jam spoons—no need to clutter up the drainboard with them, or stack them in the sink. Instead . . .



. . . put them right in your Kaiser. Close the lid, turn the handle—and away they go—to be washed, rinsed, and dried while *you* tidy up the table!

KAISER

the 5-minute dishwasher

DOES SO MANY DISHES • SO CLEAN • SO FAST!

ALL THE DISHES that an average family uses at one meal fit easily into the Kaiser's handy-size Safety Basket.

On party nights, the Kaiser can handle course on course in quick succession—does the whole job faster than hard-to-load machines.

ROUND AND ROUND the basket goes—smooth and silent. In goes the water, warming, rinsing—busily washing.

Into every nook and cranny, swirl CHAT suds. Clean? Dishes are *hygienic*—in Kaiser's rustproof, odorless, 1-piece aluminum basin.

YOU'D REALLY NEED two pairs of hands to keep pace with your new Kaiser at washing and drying dishes.

China, glassware, silverware sparkle—cleaner than if you handled them yourself. They're in the cupboard in a matter of minutes.

- No motor—vibrationless
- Priced for everyone
- Economical in use
- Choice of models
- Powered by water, only
- Minimum pressure, 40 lbs.
- Easy to install
- Only 2 connections

IMMEDIATE DELIVERY

Mail coupon for information and the name of your nearest distributor.

Kaiser Fleetwings Sales Corporation
1924 Broadway, Oakland 12, California

Please send me "Water Power Does *My* Dishes"—the new booklet about the 5-minute Kaiser Dishwasher, and the name of my nearest distributor.

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AH-2-48

How to fix a grand meal CHEAP!

Do this ARRANGE a layer of Heinz Cooked Spaghetti in a buttered casserole. Crumble leftover hamburgers or meat loaf over spaghetti. Repeat until you have used one tin of spaghetti, 2 cups meat. (Spaghetti should be on top.) Sprinkle with 2 Tbs. grated cheese. Bake till hot.

Do this SERVE this delicious spaghetti casserole with French or Italian bread. Provide a giant bowl of green salad with raw vegetables in it—sliced cauliflower, carrots, cucumbers, tomatoes. For dessert, have Biscuit Tortoni—vanilla ice cream sprinkled with crumbled macaroons.

Now do this TASTE that Heinz Spaghetti! *Really* taste it. Note how firm yet how tender are the strands. Heinz makes its own spaghetti, you know, of top-quality durum wheat. We use our own "Aristocrat" tomatoes, and rare spices for the sauce. Heinz Cooked Spaghetti is luxury food—at a low price!

HEINZ Spaghetti

57

and floor painted tile red, which was repeated on the cellar stairs and floor.

Jessica Steck of Connecticut says that every kitchen has a corner that, literally, is "waste space." Too shallow for a cabinet, too small for almost anything, a corner in her kitchen challenged her ingenuity for two years. Then, one day, some surplus coffee jars came to light.

Below, in the first picture, we see the wall which held a calendar for two years—right at the end of Mrs. Steck's working counter.

Mrs. Steck bought six feet of white pine board, six inches wide, to match the wood walls, and had the lumber yard saw them up into the right lengths. With a saucer for a guide, she marked the ends and then rounded each corner with a hand jig saw. The shelves were easy to nail in place, because short shelves like these do not need brackets.

The jars are antproof and moistureproof. The gay colors of the ingredients brighten up the whole corner. The big wooden salad bowl, filled with fresh fruit and vegetables, makes a "kitchen bouquet" in edible colors. This converted work corner has a place for Mrs. Steck's portable radio, so she can have music while she works at the counter. And, of course, with this arrangement, the jars are always handy for instant use.

Jessica Steck installed these shelves herself. The Eli Terry clock on the top shelf is far from children's prying hands. The lower shelf is for radio

Harold Steck

Add zesty flavor to

FISH

BAKED STUFFED FISH

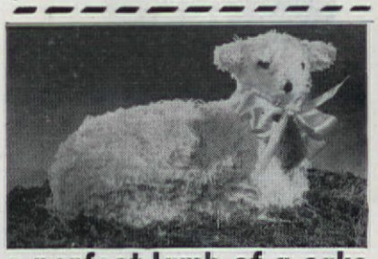
Stuff fish and prepare for baking. Over fish pour 1 cup boiling water mixed with 1 tbsp. Lea & Perrins Sauce. Bake at 400° F., basting frequently. Serve with desired sauce. What *delectable* eating! For Lea & Perrins adds tang to *any* fish—whether in the cooking or at the table!

LEA & PERRINS *Sauce*

THE ORIGINAL WORCESTERSHIRE

A favorite for over 100 years

free! Recipe Book. Write Lea & Perrins, Inc., 241 West St., New York 13, Dept. AH2.



a perfect lamb of a cake

makes an adorable centerpiece for showers or birthdays. It's simple to bake with the aluminum cake mold pictured below. 12" long, 3" thick. Easy instructions included. $5 postpaid. No. C.O.D.'s please. Sold only by mail!

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Dept. G, Denver, Colo.

You'll Love **JOLLY TIME** ALWAYS POPS CRISP-TENDER DELICIOUS

WHITE OR YELLOW

FREE SAMPLES KNITTING YARNS

Quality all-wool hand knitting yarns at direct-to-you LOW PRICES. Send for FREE samples.

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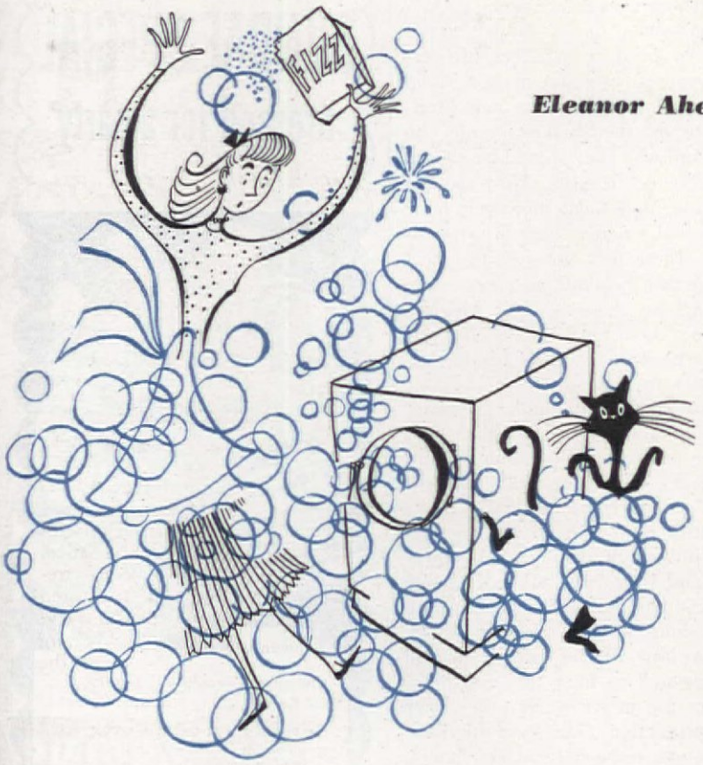


Eleanor Ahern

Are you on speaking terms with DETERGENTS?

WHAT are these new detergents that women see on store shelves, hear about over the radio, read about in papers and magazines, and carry home to use for washing dishes and clothes? The average person thinks of them in terms of one brand name or another but, as a group, they are referred to frequently as synthetic detergents.

For homemakers, the term synthetic detergent may seem unnecessarily technical. If the average woman will stop to think, however, she will recognize "synthetic" as the term by which rayon was described when it first came on the market. When rayon was new it was referred to as a "synthetic fiber," because it was produced by a chemical means, rather than obtained from natural sources as were the well-known fibers: silk, wool, cotton, and linen. Likewise, rubber produced by a chemical process is called "synthetic" in contrast to rubber obtained from the rubber plant.

Synthetic in the soap world means much the same thing—a product produced by chemical methods to serve the purpose of a familiar product.

The word detergent is accurately defined as "something that cleans" though, by common usage, the meaning to the average person has been narrowed to "a cleaning material that is soluable in water."

Thus, it is easy to understand that a synthetic detergent is simply a washing product produced by new and involved chemical processes. The basic materials from which the new detergents are synthesized are petroleum and vegetable oils. To date, the resultant products have been made generally available to homemakers for household purposes in two familiar forms, namely granules and liquids. Undoubtedly, bars or cakes of synthetic origin will be readily obtainable in the course of time but, at present, they are being produced only in limited quantities for personal use.

Only a small amount of your favorite detergent is needed

In retail stores throughout the country, particularly in hard-water areas, the new products are displayed and their qualities extolled. Similar products are made available, by spe-

"3 times easier to iron my husband's shirts!"

WRITES MRS. ARTHUR STARK, SHELBURNE FALLS, MASS.

Mrs. Arthur Stark, a pleased Satina user, with daughter Kathy.

"I have 8 or 9 shirts to do up each week," says Mrs. Stark. "Adding Satina to the starch makes them *3 times easier* to iron. The iron moves so easily!"

Satina is not a starch. It's a wonderful product you *add* when you fix starch. Dissolved in hot starch, Satina makes your iron glide along.

With Satina, clothes smell fresher, look newer, stay clean longer, too. *Here's how two more fans put it:*

"Satina leaves a very pleasant fragrance in starched clothes," writes Mrs. G. D. Pierce, of McPherson, Kansas. "I use it regularly and recommend it especially to those who must hang clothes inside."

"I find I can't do without Satina for my starched clothes," writes Mrs. Alfred Haffey, of Swanton, Ohio. "It makes the clothes 3 times easier to iron!"

Fine compliments like these — and we've received thousands of them—make us sure *you'll* think Satina is wonderful if we can just get you to try it once. We're so sure of this that we're offering you a *free* full-size package. Enough for 4 big starchings! Just try it for your own clothes and judge for yourself!

FREE! FULL-SIZE PACKAGE!

SATINA, Dept. 15, Battle Creek, Michigan
Dear Sirs: Satina sounds good to me. Now I'd like a free full-size package to see how much easier it makes *my* starched ironing.

NAME_____

STREET_____

CITY_____ STATE_____

Put SATINA in your starch

It makes ironing "3 times easier"

A PRODUCT OF GENERAL FOODS

Good eating ahead when golden New Orleans molasses arrived by Mississippi steamboat!

Today there's a New Orleans molasses that is bringing new enjoyment to many thousands of families who love good eating. It's called *Gold Label* Brer Rabbit Molasses.

Gold—because that's what it is . . . light-colored and mild, like liquid New Orleans sunshine. Spread *Gold Label* Brer Rabbit on *bread*—children love it when they're hungry after school. Try it on pancakes, waffles, French toast, hot and cold cereal—or for a *delicate* molasses flavor in cooking. If you prefer dark, full-flavored molasses, use *Green Label* Brer Rabbit.

Gold Label

Rich in Iron—needed for good red blood!

BRER RABBIT New Orleans MOLASSES

A fresh, clean towel each time—and no laundering!

• Something spilled? Quick—use a ScotTowel! Then throw it away. No messy cloth to wash out.

What a convenience to have ScotTowels handy for wiping grease from pans . . . draining bacon . . . slicking up the sink . . . drying hands. You'll find dozens of uses for these fresh, absorbent towels that you don't have to wash! 150 to a roll. Scott Paper Co., Chester, Pa.

ScotTowels *MADE STRONG TO WORK HARD!*

Trade Mark "ScotTowels" Reg. U. S. Pat. Off.

cial distributors, to users of mechanical appliances such as automatic dishwashers and clothes washers.

Often women find it difficult to decide what product to select for certain purposes. For that matter, some women wonder why these new products are on the shelves beside the soaps, and why they should be chosen in preference to soap. Most women who have used them, however, have found that, under certain circumstances, these new nonsoap products have certain advantages over soap. Chief among these is their superior performance in hard water. No matter how hard the water, synthetic detergents form none of the undesirable scum or curd that clouds glassware and dishes and complicates household washing problems. This scum or curd also leaves hair completely unmanageable and lacking luster.

For this reason alone they are preferred to soap products in hard-water areas, and they have other desirable qualities that make them a favorite for washing in any kind of water. They go into solution quickly in cold water as well as hot; they are practical for use in sea water; they offer more protection than soap for nonfast colors, especially dark shades.

In general, there are two types of synthetic detergents available for household purposes.

1. Mild products featured for lightly soiled fabrics and for dishwashing. These are sold under various brand names, mostly in packages that approximate soap packages in size and shape. The material in the package looks for all the world like soap powder or granules, and acts like it as well. Less widely distributed are the ones in liquid form, though in some communities these can be readily obtained. In all cases, when these products are produced and distributed by reputable companies, instructions on the package make it perfectly clear that the products are recommended only for the removal of light soil and that they are not well designed for the heavier family wash.

2. All-purpose products for the family wash. These, of course, can be used for dishwashing and other household cleansing purposes as well. They are designed to remove heavier soil than the mild products.

At present, the homemaker has less choice in all-purpose products than in mild ones, but they are becoming more widely distributed and better known every day. This is good news for all women who have to do family washings with hard water and, particularly to owners of automatic washers who realize, more keenly than conventional washer owners, the limitations of soap when used with hard water.

All-purpose detergents come mainly in powder or granule form and, strangely enough, in nonsudsing as well as sudsing products. The nonsudsing products are new to homemakers who, throughout the years, have learned to associate suds with cleaning properties. So far, these

NABISCO PARTY NEWS

SUNDAE SPECIAL dressed for a party

with Nabisco Sugar Wafers

Sundae

Chopped Chocolate Ice Cream — **Cherry Sugar Wafers**

Sprinkle chocolate over ice cream in sherbet glass, top with maraschino cherry. Insert Nabisco Sugar Wafers around ice cream, inside of sherbet glass—and there you have it! An *angelic* sundae—different and *delectable!* Long a family favorite, fondant-filled Sugar Wafers make a *satisfying* sweet to nibble any time, put simple desserts in the party-perfect class! Try other luscious cookies, all in packages with the famous red Nabisco Seal, your assurance of *finest quality.*

NATIONAL BISCUIT COMPANY

GRAVY MASTER

makes gravy rich brown-full-bodied

GET A BOTTLE—TRY IT—COMPARE

New MIRACLE WALL CLEANER

QUICK EASY — **Saves Costly Redecorating**

AMAZING INVENTION. Banishes old-style housecleaning mess and muss. No rags—no sticky "dough"—no red, swollen hands. No more dangerous stepladders. Literally erases dirt like magic from Wallpaper, Painted Walls, Ceilings, Window Shades. *Take orders from friends! Earn money! Act now!*

SAMPLES FOR TRIAL Sample offer sent immediately to all who send name at once. A penny postal will do. SEND NO MONEY—just your name. KRISTEE CO., 1332 Bar Street, AKRON, OHIO

PICNIC STOVE and INCINERATOR

Tree stump of durable reinforced Haydite concrete with grill, charcoal pan, grate. Burns trash safely.

ONLY $37.50

Freight Prepaid East of Rockies

For descriptive circular, write to

W. O. JOHNSON CO.

Dept. A OMAHA, NEBR.

EXCELLO KITCHEN TOWELS with a Tradition

• Extra Large
Absorbent
Lintless
Extra Soft

"They're Laundry Fresh"

Bathtubs were once made of tin. Modern bathrooms have porcelain tubs... and

It's modern to make Bathrooms CLOROX-CLEAN!

GREATER home health protection is important to the well-being of your family ...and that's your cue to use Clorox! For Clorox goes beyond visible cleanliness... in routine cleansing it disinfects tile, enamel, porcelain, linoleum, wood, glass and other germ-harboring surfaces. No wonder health authorities urge the use of an effective disinfectant such as Clorox. And Clorox is the modern woman's choice in laundering. It's extra-gentle ... free from caustic, made by an exclusive patented process. Directions on label.

America's Favorite Bleach and Household Disinfectant

CLOROX

FIRST IN QUALITY
...IN PERFORMANCE
...IN PREFERENCE!

Let BOON Household Cleaner

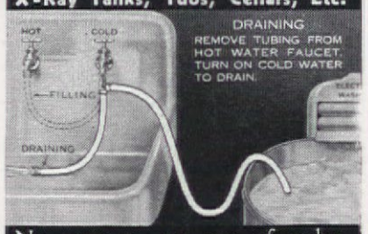
save you time, work, energy. It wipes away dirt, grease... quickly, easily... from washable surfaces. Excellent on automobiles! At your grocer's.

MADE BY THE MAKERS OF CLOROX

SCOTT WATER PUMP

Anti-Siphon Check Valve 50c extra

DRAINS Washing Machines, X-Ray Tanks, Tubs, Cellars, Etc.



No parts to get out of order. Eliminates service calls. Can also be used for filling with hot or cold water. Special WHITE tubing resists scalding water.

Special price $3.00 F.O.B. (3 lbs.)

Scott Pump Co., Dept. 20, Rochester 9, N.Y.

3 TIMES FASTER THAN SYPHON!

products have been featured principally for use in automatic washers, particularly in the revolving tub type of washer, where they offer certain advantages, and they don't suds over.

How to Use to Advantage Mild and All-Purpose Synthetic Detergents

For washbowl washing, that convenient method commonly used by women for their own personal things as well as for special, small items belonging to other members of the family, the mild synthetic detergents are very popular. These products suds generously in any kind of water, hot or cold, hard or soft and, what is even better, they rinse out freely, leaving no trace of scum to cloud clean surfaces or to necessitate scrubbing of the washbowl—a most important factor in the life of any busy homemaker or businesswoman.

Because these detergents suds so liberally, many women are inclined to use too much, thus not only adding, unnecessarily, to the cost of each washing operation but making rinsing more difficult. It is important, of course, to use enough to insure a lasting suds throughout the washing but, whenever a woman finds that she is having to rinse the garments three or four times, she will know she is using more detergent than needed.

For dishwashing, especially in hard water, these products are a "must" for the woman who wants to save time and energy by draining her dishes dry. With any kind of soap and hard water, a film or deposit is left on the surfaces of the dishes and glassware if they are drained dry. This makes towel drying necessary when soap is used, and also increases laundry.

So helpful are they in eliminating part of hand-dishwashing drudgery, even those women who find them harder on their hands than mild soap (and some types of skin are sensitive to these synthetic detergents) are willing to take the necessary precautions to avoid irritating the skin. These precautions consist simply of using a dish mop or one of the new, protective hand creams.

Sudsing products are not generally recommended for mechanical dishwashers, though some women use them by being careful not to put in too much. An excess of suds is undesirable for good results in automatic dishwashing.

Mild synthetic detergents are highly recommended for baby clothes—everything from diapers to frilly rayon coats and bonnets. They offer more protection for dainty pastel colors than even the mildest soap, and they eliminate entirely the undesirable accumulation of hard-water scum on diapers and other garments worn next to the skin. It is this harsh deposit that is so frequently responsible for minor skin irritations. If mild synthetic detergents have any drawback for washing baby things, it is their inability to cope with heavy soil but, because an infant's wear is seldom heavily soiled, this offers no serious

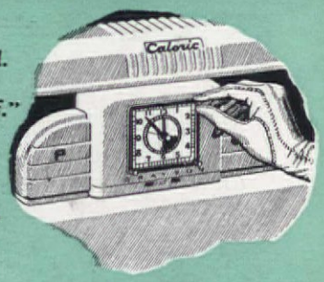
IT'S FASTER — IT'S EASIER — IT'S CLEANER — AND

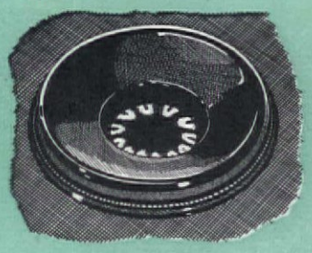
It's Automatic

"Just set oven heat and time control. Caloric automatically turns on the gas, cooks my meal, then turns itself off."

"The Hold-Heat Door seals in the heat. I've a cooler kitchen with my Caloric."

"And it has a *wipe clean* oven and broiler of seamless, porcelain enamel."





Caloric Dual burners—speedy heat plus automatic simmer flame control for waterless cooking; protect flavor, vitamins . . . save up to 39% gas. Guaranteed for life.

Char-flame, high broiler. Stainless steel, Hi-Lo rack for smokeless broiling. Completely removable Caloric Veri Clean Broiler is easy to wash as a dish.

See America's easiest range to keep clean with its many *exclusive* advantages. Your nearest dealer is listed under CALORIC, in your Classified Telephone Directory.

Caloric Stove Corporation, Widener Building, Philadelphia 7, Penna.

Specially engineered models for L.P. Gas users out beyond the city gas lines.

NEW *Ultramatic*

Caloric

REG. U. S. PAT. OFF.

THE *Automatic* GAS RANGE

The Handyhot Portable Washer..

"Now I Wash Upstairs!"

The new Handyhot Portable Electric Washer is fast, thorough, and you can wash *anywhere!* It's great for baby's "things." The aluminum agitator does your day to day laundry with large washer performance.

In Apartments, In *Every* Home!

It's *wonderful* in apartments and as a light, portable second washer in every home. Use it upstairs or downstairs—it takes so *little* space.

Convenient Features

The tub is sturdy stainless steel with a satin-like finish, durable and rust resistant. Seven gallon liquid capacity means you can wash up to 3 pounds of clothes! Convenient handles make it *easy* for you to lift, carry and store.

Here's a Great Home Convenience!

Washer may be used on stove for heating and sterilizing. Accessories available, the Handyhot wringer and the portable dryer. Portable Electric washers from $26.95 to $36.95 in porcelain enamel, polished aluminum and stainless steel models.

Ask For a Handyhot Appliance For Every Home Need

Handyhot Gingham Package—Your guarantee of Quality

Automatic Iron $8.95

Single Waffle Iron $8.95

Handyhot *Quality Appliances*

Chicago Electric Manufacturing Company . . . Chicago 38, Illinois

WORLD'S LARGEST MANUFACTURER OF PORTABLE WASHERS

problem. Whether the baby's wash is done by hand or in a washer, a mild synthetic detergent is a wise choice when hard water is involved except, of course, in the case of those automatic washers where some other recommendation is made by the maker.

A Practical Suggestion for Soiled Spots

Before putting garments into the suds, women should always make a practice of looking them over and treating soiled spots by rubbing a little extra detergent in with the fingers. This extra concentration of the product on the soiled spot means extra cleaning just where it is most needed.

All-Purpose

Women who live in hard-water areas have long needed the help for the family wash that only synthetic detergents can give. These women know very well what scum is and what it does to clothes. They don't have to be told that scum precipitates out in the rinse water, sticks to the fabrics and the tub, and leaves telltale traces of grayness or yellowness on clothes which, after a period of time, make the clothes look dingy and discolored.

These women are ready to welcome the new all-purpose synthetic detergents which eliminate entirely all hard-water difficulties.

THE sudsing detergents need no special handling. They are used like soap, except that smaller amounts are needed in hard water. When changing from soap to a synthetic sudsing detergent, the user should first make a brief study of how much is needed for his conditions. A good way to start is to measure out ½ cup for a washer-load of clothes. Add just this amount, run the washer for half a minute, and check the amount of suds. Keep adding ½ cup at a time until a thick, rich, lasting suds forms on the surface—then let the total serve as the guide for the amount to be used in the future. This does not mean that more may not be needed, sometimes, when a heavier dirt load is present; but it is a fair amount with which to start each washing. As with any new product, it may be necessary to check, occasionally, to be sure the suds level is being maintained because, with sudsing products, the suds are the indicator. When the suds die down or disappear, this is a signal that an insufficient amount is being used. It means, "add more."

When using nonsudsing detergents, women must be guided by the package directions because no suds appear to serve as an indicator that enough of the product is present to do a satisfactory cleaning job. An examination of the clothes helps to serve as a check on the amount to use in the future. When trying any new product, it is wise to observe results rather carefully at first. If the clothes do not seem to be as clean as desired, then it is reasonable to suppose that more detergent is needed.

Stop slavin' away!

Nix on *scrubbing* scorchy pans with a lazy, flimsy dishrag. Use a metal-fiber Brillo pad!

BRILLO

shines 'em fast!

Brillo whisks off cooked-on food and scorch! Makes pans *sparkle!* Use Brillo every day—your pots and pans will *shine!*

GREEN box—soap and pads
RED box—soap pads

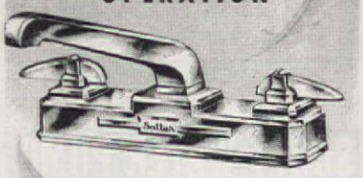
contains JEWELER'S POLISH!

Shines aluminum fast!

NOW YOU CAN ENJOY THE EXTRA SERVICE OF

Feather Touch

VALVE OPERATION



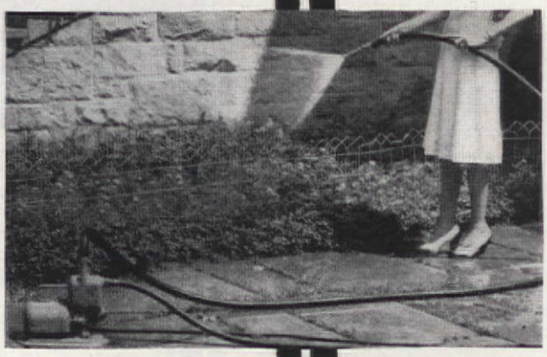
For your kitchen and bath, why be satisfied with fixtures having ordinary compression valves. Modern Salter Feather Touch valve construction eliminates common faucet failures and annoying dripping . . . then too their design and appearance add distinction to any setting. For guaranteed satisfaction, see your plumbing contractor today for . . .

Salter

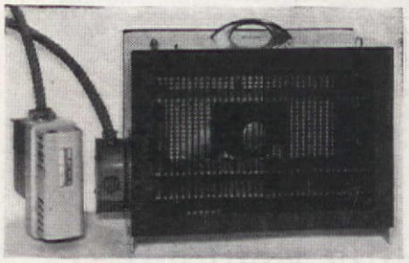
MASTERPIECE FIXTURES

H. B. Salter MFG. CO.
Marysville, Ohio

1. Handy, portable pump gets water on garden from tank, lake, cistern



K. S. Brown



2. Automatic electric heat for greenhouses

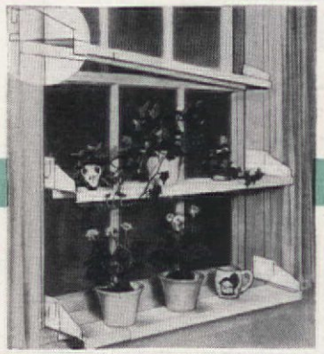
Look... It's New!

THIS month we're being very utilitarian, but all the items shown here and described below will give more than their share of pleasure.

1. This lightweight (20 lbs.) easily portable, self-priming electric pump will be useful in many ways at any country house where water is not piped under pressure, but is in adequate supply in a near-by pool, lake, stream, etc. For garden watering, fire fighting, just attach hose lines, plug pump into electric circuit, and put the water where it is wanted. (Gorman-Rupp Company.)

2. The 4 kilowatt electric greenhouse heater pictured, complete with thermostat and noiseless fan for circulating the warmed air, operates on 220/440 volts, will maintain even heat. All the installation needed is to have electrician wire it to your meter box, then set it on brick or other firm base. Price, about $60. (Lord and Burnham Company.)

3. They're called Sunshine Plant Shelves, but they'll display other ornaments effectively, too. For any

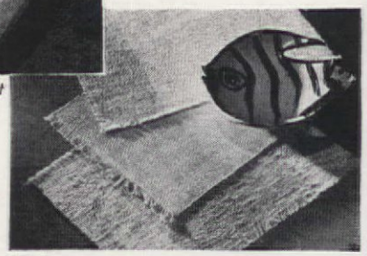


3. For conscientious, artistic window gardeners—adjustable and attractive plant shelves

Commercial Photo Service

4. A setup to keep bridge fans, even the dummy happy: smart playing cards, magical scoring pencil, a very efficient scorepad, set of chic coaster-ash trays; all shown on a colorful bridge-table cover of Koroseal-covered fabric

F. M. Demarest



5. Matching hand-woven table mats, "lapkins"; ceramic fish ash tray

D. H. Lankford

6. Push-button combination lock for greater security, convenience

7. Protective rubber-base masonry coating

8. Small, all-purpose electric range

9. Portable room heater is safely used near children; efficient and streamlined

10. A versatile defense against winter's hazards; sturdy construction, easy to use

This Low-Cost Product

CLEANS TEETH SAFELY

Our baking soda is a *good* dentifrice, accepted by the Council on Dental Therapeutics of the American Dental Association.

It cleans teeth *safely*, it aids the brush to loosen film, which with accumulated discolorations and food debris is washed away by a thorough rinsing after brushing.

Get a package of our soda today and use it twice every day to help keep your teeth *safely* clean. It is pure bicarbonate of soda U.S.P. standard. It costs little and lasts long.

Accepted COUNCIL on DENTAL THERAPEUTICS AMERICAN DENTAL ASSOCIATION

Write for free booklet

ARM & HAMMER OR COW BRAND BAKING SODA

CHURCH & DWIGHT CO., INC., 10 CEDAR ST., N. Y. 5, N. Y.

Everybody's Pointing To Hotpoint

Our Hotpoint Dishwasher saves us more time than any other convenience!

Mrs. Melvin J. Binks,
1402 Park Avenue,
River Forest, Illinois.

"It was my husband's idea to have a Hotpoint Dishwasher. He's an engineer—and said dishwashing could be done by pushing a button. How right he was! We save at least an hour a day—save the cost of extra help, have sterilized dishes. My Hotpoint Dishwasher is wonderful. Friends who have seen it think so, too!"—Mrs. Melvin J. Binks.

1. Saves Countless Hours

• *Completely automatic*—the Hotpoint Electric Dishwasher washes, rinses, *dries* dishes . . . shuts itself off! Just push a button . . . no watching!

2. Guards Family Health

• Hotter water washes dishes, silver, pots and pans hygienically clean. No messy dishcloths, unsanitary towels.

3. Ends Costly Breakage

• There's no tumbling or turning of dishes in a Hotpoint Dishwasher. Racks hold 58 dishes—full service for six—plus silverware.

SAVES AT LEAST AN HOUR EVERY DAY

4. Front Opening . . . Top Spray

• These exclusive Hotpoint features save lifting, stooping, provide greater work surface, give "all-over" washing.

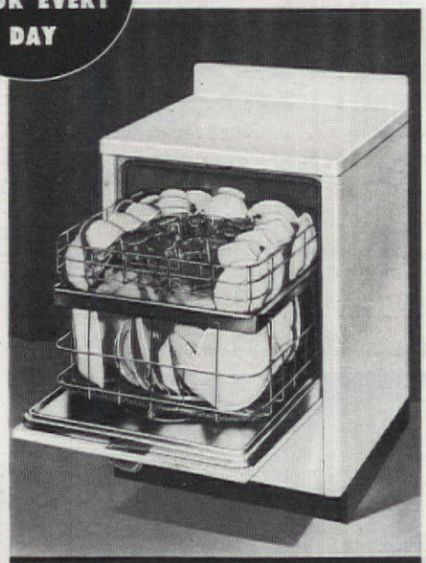
5. Dries Dishes Electrically

• After rinsing, dishes are dried with hot, clean air from exclusive Calrod* unit. Dishes can be reused almost immediately or left for next meal.

6. Proved for 15 Years

• Hotpoint pioneered the electric dishwasher, has built more full-sized units than all other manufacturers combined! Thousands of satisfied users. Ask your Hotpoint dealer for demonstration. Hotpoint Inc., 5600 West Taylor Street, Chicago, Illinois.

* Reg. U. S. Pat. Off.



THE ONLY DISHWASHER THAT DRIES ELECTRICALLY

Copr. 1948, Hotpoint. Inc., Chicago, Ill.

Hotpoint A GENERAL ELECTRIC AFFILIATE *Dishwashers*

MARK OF THE MODERN KITCHEN

window 24" to 39", they are all metal, ivory enameled, four inches wide, adjustable telescopically. They're easy to install and won't interfere with your curtains. Price, about $2.95, postpaid. (Joseph Breck and Sons.)

4. Accessories for bridge: The bridge-table cover comes in green, wine, light, dark, and teal blue, and is resistant to stains from foods and beverages. It wipes clean with a damp cloth. (Utilitex Corp.)

The playing cards are top quality and smartly decorated with fruit designs. (Western Playing Card Co.)

The scoring pencil is called "magic contract." You just turn the dial to the number of tricks taken, and the correct score appears. (Fleetwing.)

For scoring, there's an attractive scorepad set (No. 900A) in beige, gray, green, and white, with two slim pencils in a white leatherette box. Price, about $1.00. (Bruelheide.)

To solve the thirst-quenching problem, there's an Aces Up set of four coaster-ash trays in heat-resistant plastic with sham-bottomed tumblers decorated in permanent color. (The Washington Company.)

5. All the way from the Lower Rio Grande Valley come these handwoven table mats and matching "lapkins". They're 12" by 18", made of mercerized and novelty yarns and moistureproof plastic. They'll lie flat, and they're available in several color combinations. (Grace Richey Clarke.) The stunning fish ash tray is an appropriate complement. Price, about $4.00 (Sascha Brastoff, Inc.)

6. Revolutionary in the way of locks, the Preslock, a keyless door lock, is a push-button combination lock. Flick a lever to lock the door, tap out the combination on the buttons to unlock it. It may be installed on all standard 1¾" wooden doors. (Security Lock Corporation.)

7. Called "something of a miracle" in the paint world, the new Para-StoneTex is a decorative and protective rubber-base masonry coating. It is immune to chemical reactions to alkalis, is resistant to water, sun, and weather. It goes on easily, dries quickly, stays clean and is available in white and colors. (Truscon Lab., Div. of Devoe & Raynolds Co., Inc.)

8. A Universal Bantam electric range (No. RA6615) will plug in on any appliance circuit outlet. The oven is large enough to roast a 22 lb. turkey; there's fast broiler action, and two units for surface cooking. Oven door and lining are porcelain enamel. Size, 22½" wide, 14" deep, 42" high. (Landers, Frary & Clark.)

9. This all-electric portable room heater, (Model PJ-13) is compact, lightweight (16 lbs.), and safe, (approved by the Underwriters' Laboratories). Supplies clean, controlled heat with noiseless operation. Price, about $29.50. (Electromode Corp.)

10. A Sandmaster will make it easy to carry sand for use on slippery driveways, roads, sidewalks, etc. A canvas container, it has a long, pouring neck, convenient handles. Price, about $1.00. (Guilford Mfg. Corp.)

THIS ALMOST "FLOORED" HILDA

They insist that vacuum cleaner salesman was right when he said, "Your new CADILLAC cleaner will keep the house so clean you can eat off the floor"!

2-SPEED CONTROL
HIGH speed for deep, thorough cleaning. LOW for delicate fabrics.

CADILLAC *Revolving Brush and Cylinder* **VACUUM CLEANERS**

Since 1911
Sold only by reliable dealers

For dealer's name write to
CLEMENTS MFG. CO.
6601 S. NARRAGANSETT AVE.
CHICAGO 38, ILL.

***The* TELEPHONE SECRETARY**

AN IDEAL GIFT
•
FITS SQUARE ROUND OR OVAL BASE PHONES

ORDER DIRECT ONLY $2.50 POSTPAID

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