



How to turn a bedroom into an apartment

To a daughter going on seventeen, there's a world of difference between a bedroom and an "apartment." I tried to explain that to Harry.

"Why spend a lot of money turning Linda's perfectly good bedroom into an apartment?" he spluttered.

"But, darling," I interrupted, "she doesn't mean a complete apartment. All Linda wants is a built-in dressing table with her own lavatory and toilet in one part of her bedroom, and the rest of the room furnished as a study."

"And what happens to the room after Linda goes off to college?" Harry snorted.

I was ready for that one. "Your mother may be coming to live with us any time now, and the room would be wonderful for her. Or it would be a perfect guest room with real privacy. Or if we wanted to we might even rent it sometime."

Linda and I went ahead and made a list of everything we needed to buy for the 'apartment" and showed it to Harry one

night when I thought he was in a good humor.

"Armstrong's Linoleum!" he exploded. "That room has a perfectly good floor now."

"But it's needed refinishing for years," I said. "For not too much more than that would cost, we can have Armstrong's Linoleum. And it's so practical. Anything else would be too hard to keep clean."

"And besides," Linda put in, "if we can get that heavenly blue Armstrong's Embossed pattern I want-well, it will be just perfect. Color means so much in a floor!"

I saw a twinkle in Harry's eyes when he didn't think I was looking. Finally he said, 'No man can win against a couple of designing women. Go ahead-but be sure that linoleum is really Armstrong's.'

This bedroom does double duty because it's a bedroom on one side and a living room on the other. To set the color scheme, Armstrong's Embossed Inlaid Linoleum (blue, Style 5740) was used. It gives the room extra charm and distinction. Your (blue, Style 3/40) was used. It gives the room extra chairman will be glad to help you plan an equally smart floor, though his selection of linoleum is still limited. For free list of furnishings and room plan, just write.



Looking for room ideas? You'll find suggestions galore in "Album of Room Ideas," by Hazel Dell Brown, famous decorator. It's illustrated with full-color pictures of model rooms. To get your copy, send 10¢ (outside U. S. A., 40¢) to Armstrong Cork Company, Floor Division, 4705 Pine St., Lancaster, Pennsylvania.

ARMSTRONG'S LINOLEUM FLOORS

for every room (A) in the house





Some children spoil their parents. Nancy and Dave like to take candid shots of Harriett, call her the "prettiest mother in the world." Pretty and wise. She's taught them to safeguard their smiles by massaging their gums gently every time they brush their teeth. This brief workout with Ipana Tooth Paste helps speed up needed circulation within the gums.

This Model Mother could write a book

Harriett Shepard would call it, "How to be a Model or The Importance of a Sparkling Smile"

HARRIETT SHEPARD of Hialeah, Fla., has certainly had enough modeling experience to write a book about it. Ten years as a model ... six years as a photographer of models.

"Even if it bored my readers a little," notes this lovely blue-eyed blonde, "there's one thing I'd emphasize on page after page - the importance of a sparkling smile!" Needless to say, "model" mother Harriett has taught 9-year-old Nancy and 8-year-old Dave to safeguard their smiles by following her own prized dental routine: Regular brushing with Ipana Tooth Paste, then gentle gum massage.

A former leader in the Girl Scouts, Mrs. Shepard knows what thousands of schools and dentists teach - that a radiant smile depends on sparkling teeth. And sparkling teeth call for firm, healthy gums.



Many parents know less than children about the importance of gum massage, taught in thousands of classrooms today. Not only do 7 in 10 dentists recommend gum massage, national survey shows, but, 2 to 1, dentists prefer Ipana for their own use! Let your dentist decide whether and how to massage your gums.

gum massage, to help gums to healthier firmness. "A famous star of stage and screen" (Nancy can dream, can't she?) must safeguard her smile - meaning teeth and gums. Sensitive gums often herald their warning with "pink tooth brush," a sign to see your dentist.

Net result of a fishing expedition led by father Ben

Shepard is one reluctant crawfish. Net result of Harriett's

"model" dental care is four (count 'em) sparkling smiles.

For Mother knows that today's soft foods often rob gums of exercise--that Ipana is specially designed, with gentle



Follow his advice. Let him decide whether yours is a case for "the helpful stimulation of Ipana and massage."



Firmer gums, brighter teeth—with Ipana and Massage



KAY:

Wish I had time to keep things so sparkling!

FRAN: But it takes no time at all—with a cleanser that doesn't leave dirt-catching scratches.

Oh, come on, Fran! What have scratches got to do with KAY: fast cleaning?

Everything! They catch and hold on to dirt and make you FRAN: scrub like the dickens. That's one reason I always use Bon Ami on bathtubs and sinks. It works without gritjust slides the dirt away, but fast!

Sounds good. But I still don't see how you get such a KAY: shine on everything.

Because Bon Ami polishes, too. Leaves a satin-smooth FRAN: finish that's a cinch to keep clean.

Okay, okay, I give in! And if Bon Ami will only leave my KAY: hands looking half as nice as yours, I'll never use anything else.

In addition - for sparkling, film-free windows, mirrors and windshields-use Bon Ami in the handy Cake form.



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"H's a good thing I overslept!"



Bed felt so-o-o nice this morning! Must have been nine o'clock when I opened my eyes and saw Fran, my best friend, perched on the foot. "Your husband let me in," she grinned. "He's ready to take us shopping—any time you're set!"



The wretch snatched my covers. "I've no sympathy for plutocrats," Fran giggled. "Sleeping on percale sheets, no less. Wish I were wealthy!" "Me too," I said. "But nobody needs to be, to own these—they're Cannon Percale Sheets!"



"Come back!" yelped Fran, as I escaped to the shower. "Tell more!" "Silly," I said, "those dreamy Cannon Percales that have you greeneyed cost just a *tiny* bit more than best-grade muslins. All the gals are getting 'em—and swooning with luxury!"



While I dressed, I completed Fran's education. "Feel how light weight Cannon Percale Sheets are," I purred. "Easier for bedmaking and washing. Grand for wear!" Fran twinkled. "Thanks for oversleeping," she said. "You gave me a preview of me—on my new Cannon Percales!"

Cannon Percale Sheets

Cannon Towels • Stockings • Blankets ★ CANNON MILLS, INC., NEW YORK 13, N. Y.

Copr. 1947, Cannon Mills, Inc.



Another real Cannon value: Cannon Muslin Sheets. Woven of sturdy American cotton; well-made, long-wearing!





BUT they'll <u>BOTH</u> insist on concealed telephone wires

You, too, may have different ideas about fireplace decorations in that new home you're planning to build. But you'll both want the step-saving convenience of one or more handy telephone outlets. You can easily have all you'll need if you plan for them in advance of building.

Telephone conduit to conceal wires leading to outlets is easy for your builder to put in while your home is being built. It is your assurance that telephone wires will be run *inside* walls, not exposed on woodwork.

Your Bell Telephone Company will be glad to help you plan for complete, modern built-in telephone wiring . facilities. Just call your Telephone Business Office and ask for "Architects and Builders Service."



CONTRIBUTORS



Iowa and Colorado where, among other chores, he helped with the garden (though with rather less enthusiasm than he has now). He has been a newspaper reporter, Washington correspondent, an Army public relations officer, now does publicity for United Air Lines. He says he tried to be a "city feller," but when he'd seen all the animals in the zoo, he decided he needed a more creative time-consumer for his week ends. He moved to the suburbs to have a garden. His suggestion "Take Time to Enjoy It" is on page 46.



• • H. LOUISE TAYLOR, who designed and built the portable bar that appears in "Patterned for Outdoor Living," page 36, began her study at the Hartford Art School, and continued it in Paris. After a year's volunteer work with the Frontier Nursing Service, she started a business of her own, designing and making handmade furniture, both modern and reproductions, in her woodworking shop. During the war, she worked with Gibbs & Cox, Naval Architects. At present she is with Furno' Harrison, architects, engaged in furniture designing.



• • • EDGAR A. HODSON was graduated in Agriculture at the Alabama Polytechnic Institute. He served in World War I with the Photographic Division of the Air Service. Since 1919, he has had agricultural assignments with the University of Arkansas, was Agricultural Agent for the Missouri Pacific Railroad, and then with the Soil Conservation Service in Arkansas. He includes photography, gardening, and cabinetwork in his list of hobbies, the latter shown in "Patterned for Outdoor Living," page 40. The barbecue, combining the essentials for good barbecuing, was designed and made from an adaptation of an AMERICAN HOME pattern.

Why Tampax is so different



Many women are surprised to find how different Tampax really is when contrasted with

the type of sanitary protection they have known since childhood. Tampax is not just another *brand*, but actually a different *kind* of sanitary protection.

No belts, pins or pads

Once you understand that Tampax is worn "internally" you begin to see how belts, pins and external pads can all be discarded. No longer need this harness produce bulges or ridges under one's dress.

Only 1/15 as much bulk

Neat and tiny as it is, Tampax is very absorbent. And after insertion (with dainty applicator) you cannot even feel its presence. Disposal is extremely easy as Tampax is only one-fifteenth as bulky as the older types.

Can be worn in shower

Yes, ma'am! You can leave the Tampax in place during your tub or shower—also while swimming! College girls particularly are crazy about it. Actresses, nurses, office workers—millions of women. Enlist in the Tampax ranks now!

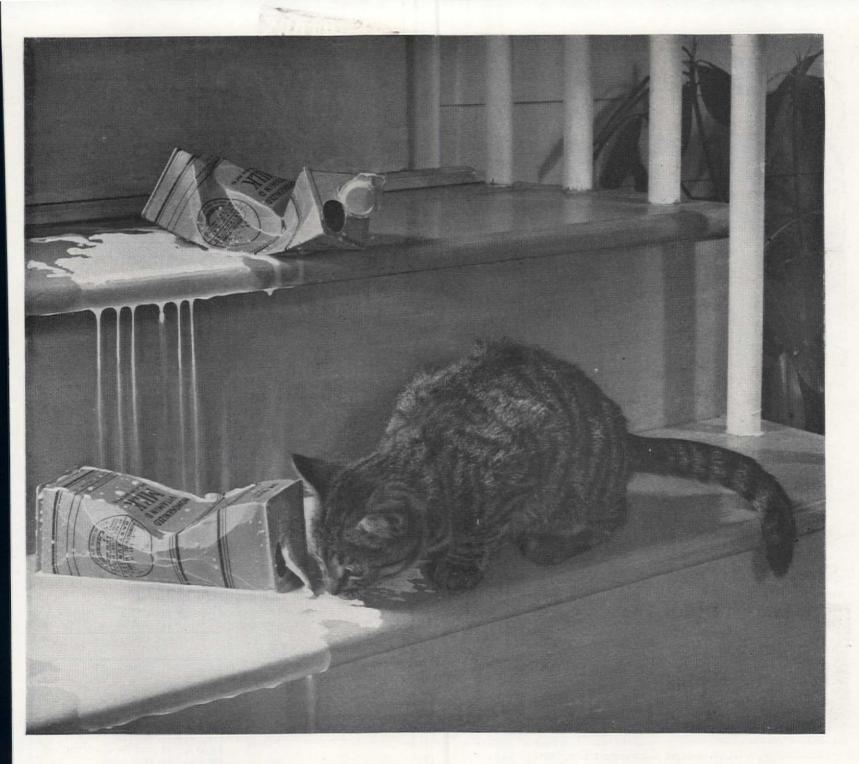
Invented by a doctor

Made of pure surgical cotton, Tampax causes no odor or chafing. Buy at drug or notion counters in 3 absorbencies—Regular, Super, Junior. Whole month's supply slips into your purse. Tampax Incorporated, Palmer, Mass.



Accepted for Advertising by the Journal of the American Medical Association

THE AMERICAN HOME, MAY, 1947



Tabby's \$2,200 Meal

They had just rushed the milkman to the hospital... and Tabby, seeing that things had quieted down, went over and rapidly lapped up the "spilled" milk.

It was an unexpected "free meal" for the cat . . . but it was the most expensive meal she ever ate. The check, \$2,200.

After all, when people are injured . . . and the cause is attributed to you or any member of your family . . . the costs can run up to a not-so-pretty penny.

How wise...and how economical...it is to have an Employers' Group Family Comprehensive Liability Policy just for such an emergency.

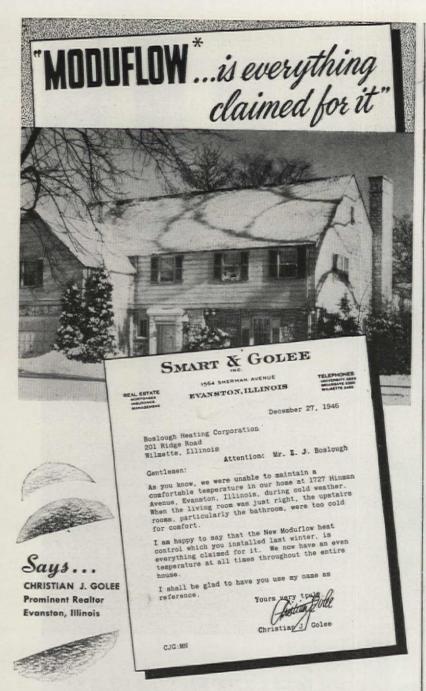
It costs only ten dollars a year. Yet it gives you protection against practically any accident, other than automobile, caused by the negligence of you or any other member of your family living under your roof, whether that accident takes place inside or outside your home or property.

No other form of protection gives so much for so little money to help you enjoy Freedom from Worry over Financial Loss.

And no person is more willing to give you this protection than your friendly Employers' Group Insurance Agent... The Man with the Plan. Why not get in touch with him today.



THE EMPLOYERS' GROUP MAN IS THE MAN WITH THE PLAN



YOUR house, too, can have "an even temperature at all times." Moduflow, Honeywell's remarkable new control system, will do away with the drafts and cold spots caused by ordinary on-and-off heat supply. It can also eliminate wasteful overheating and step up the efficiency of your entire heating plant.

Moduflow control can be applied to your present automatic heating plant. It is easy to install and moderate in cost. And if you are building or buying a new home, you should insist upon a *completely automatic* heating plant with Moduflow control. Mail the coupon today for your free copy of the interesting booklet "Comfort Unlimited" that tells more about Moduflow.

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FREE!	City	State

MINNEAPOLIS-HONEYWELL REGULATOR COMPANY, MINNEAPOLIS & MINNESOTA. CANADIAN PLANT: TORONTO 12. ONTARIO

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• • • ALICE LUIGGI wrote "Trained Fruit Trees Do Pretty Tricks" page 27. She learned to train espaliers, and photograph trees bare-boughed, in leaf, bloom and fruit during the years she lived in Belgium, England, and Australia, where her husband was an engineer. Before her marriage, she was a contact woman for a Wall Street agency doing bank and trust company advertising from Boston to San Francisco. Her present "burning interest" is collecting clothing and food for her uncomplaining friends in England and on the Continent.



• • JACK GEARTNER is Vice-President of the Electronic Corporation of America, and author of "Radios Are Human!" page 52. His outstanding reputation in the radio manufacturing industry is based on his understanding of sales and marketing trends, and his close association with radio production-both professionally and "socially," has made him a practical engineer as well. He developed the ECA informative labeling program, a warranty tag which is attached to every ECA radio, telling the consumer exactly how the set will perform in such important phases as "undistorted power output," tivity," and "speaker size." "sensi-



• • • MARGUERITE SMITH, who enjoins us all, "Don't Be a City Mouse," page 21, discovered her interest in the fruits of the land when, with childish thoroughness, she picked all the yellow pansies in her grandmother's cherished pansy bed. Her first acquisition was a window-box garden of parsley, and then a postage-stamp back yard. Now she enjoys an acre, and utilizes all the space it offers. She was graduated from Oberlin College, and writes a garden column for an Indianapolis newspaper.

wakes up wit



But crawls out of bed



akeş Alka-Şeltzer; Full Speed Ahead



STOPS FOR AN EXTRA
KEEPS IT ON HAND
ALWAYS HAS PLENTY
TO MEET THE DEMAND

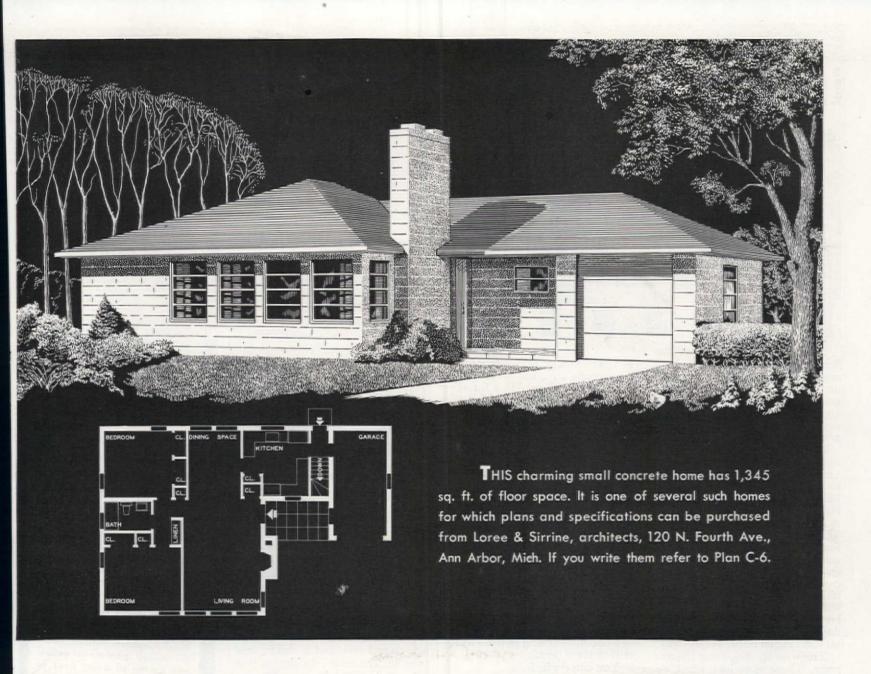


Alka-Sel

ge where you work—or in your you'll be doubly prepared for E from headaches or sour, upse muscular aches aains or the district of a COLD.

ou'll find it a wise idea to "Buy es of Alka-Seltzer instead of ONE." ckage at home and that EXTRA e you work—or in your car or grip.

8



This charming, firesafe CONCRETE HOME may easily be yours

HERE'S a "honey" veterans are waiting for—a new concrete home with charming exterior, interesting floor plan.

Honeymoon cottage or millionaire's mansion, a concrete house can be any size or architectural style you wish. Concrete can't burn—can't decay. Build with enduring concrete and be completely satisfied.

Concrete's moderate first cost, plus its long life with low upkeep, give low annual cost.

Be sure to get subfloors of rigid firesafe concrete. They won't sag or creak—won't shake when children romp or dance. Concrete subfloors are the ideal base for hardwood, carpets, rugs or linoleum. They add much to the value of your home.

HOW TO GET A CONCRETE HOUSE AND WHAT WILL IT COST?

Phone a local concrete masonry manufacturer for names of architects and builders experienced in concrete house construction. They know conditions in your community and can answer your questions about plans and costs.

Take any plans or sketches you have obtained from any source to an architect. Have him show you how your home, regardless of architectural style, size or room arrangement—can be economically built with concrete walls and subfloors and a firesafe roof.

Architect-designed houses stay young longer.

We'll send you free booklet on concrete house construction. Distributed only in United States and Canada.

PORTLAND CEMENT ASSOCIATION

DEPT. A5-5, 33 W. GRAND AVE., CHICAGO 10, ILLINOIS

A national organization to improve and extend the uses of concrete . . . through scientific research and engineering field work

HOW WE RETIRED ON A LIFE INCOME OF \$150 A MONTH



Ann was dressing for the theatre, and while I waited that night I leafed through a magazine. I remember the date-August 17, 1926—because it was my 45th birthday, and we were getting ready to celebrate it.

As I turned the pages, my eyes rested on an ad. Maybe the reason it stopped me was that just that evening Ann and I had been talking about the same thing ... our hopes for the future.

After all, we were pretty much like a lot of married couples. We found it hard to put anything aside, found it hard to save. Money seemed to go out as fast as it came in. So, even in our happiest moments, there was always the worrisome thought this couldn't last. I was getting older. Someday I might not be able to keep on working so hard. What then?

There on the page was the answer. There was just what we needed. I read the ad through to the very end. It told about Phoenix Mutual Retirement Income Plans, and how we could get a guaranteed income of \$150 a month, beginning when I reached 60. And it wasn't just an income for myself alone. The Plan actually provided an income as long as either my wife or I lived!

When Ann came downstairs, I was tearing a little corner off the page. First coupon in my life I'd ever clipped. I stuck it in an envelope and popped it in the mail on our way to the show.

Fifteen years go by mighty fast! The crash . . . the depression . . . the war. I couldn't foresee them. But my Phoenix Mutual Plan was one thing I never had to worry about.

A few years ago, Ann and I celebrated my sixtieth birthday. It was a very special celebration. For, shortly after, I got my first Phoenix Mutual check— and retired! My Phoenix Mutual checks will keep coming in, every month -not only as long as I live, but as long as Ann lives, too!

Now we can relax and enjoy our home as never before. We can do a lot of the things we always wanted to-like traveling, packing our bags and driving south in the winter. All because I started my Phoenix Mutual Plan when I did-in time while my earning powers were still at their best.

You can do it, too.

Send for Free Booklet

This story is typical. Wouldn't you like to make sure of your own future? Send the coupon and receive—by mail and without charge-a booklet that describes a number of Phoenix Mutual Plans. Assuming you qualify at a young enough age, you can get any income you want—up to \$150 a month and more—beginning at age 55, 60, 65 or 70. Similar plans are available for women. So don't delay. Don't put it off. Send for your copy now!



CONTRIBUTORS



. . ORVILLE J. GRISIER is a successful advertising executive with an astonishing number of outside interests. He believes that any professional man needs some down-to-earth pursuits, and he believes it so firmly, he is developing an acre west of Denver on which he expects to establish a back yard with fruit, gardens, chickens, geese, bees, a self-contained turkey project, and "several other things besides." He likes to build-houses, fireplaces, gardens and equipment. He plans his garden work in February, and works through the year according to plan. He likes the soil and the things it grows-and he likes to write about it. For example, "Getting Water on the Garden," page 110.



. . JEAN TIGAR has a husband, two children (nine and sixteen), a nine-room house, and a steady urge to write. The result, she says, is that either she's audibly furious while she cooks or does housework, because she's not at the typewriter, or she's going quietly mad at the typewriter, because nobody's doing the housework. She admits, however, that there are happy days, and her article, "Born 20 Years Too Soon!" on page 19, shows that, with her point of view, there are many for her children, too.



• • • CHARLES ALLONBY was born in England, educated in America. He started to write in high school, and continued as reporter and sports editor for various Illinois newspapers. During the war, he went to work for a tractor company, and now he isn't sure whether he's a writer running a machine, or a machine operator who can write. At any rate, he's planning important things along fiction lines, and his latest article, "A Simplified Spray Program for Fruit Growers," appears on page 34 of this issue.



The prettiest "pretty," the frilliest frock, all come clean with Renuzit, America's Largest Selling French Dry Cleaner! Dry cleaning at home is the modern way to keep clothes looking fresh, sparkling new and pretty as a picture! And it's the modern way to save time! work! money! Join the happy throng, ladies, singing the Renuzit song . . . just "dip and rinse"! Expert results every time or . . .

DOUBLE YOUR MONEY BACK

Use it according to directions if not completely satisfied, return the unused portion (2 gallon, one gallon or quart size) to Renuzit Home Products Company, Phila. 3, Pa. and receive double the purchase price.

1 gal. . . 79c 2 gal. . . \$1.55 Slightly Higher West of Rocky Mis.



Fabric Gloves Upholstery Neckties Slip Covers For Hard to Remove Spots!

Skirts

Blouses

Curtains

Drapes

RENUZIT SPOT AND STAIN REMOVER Removes Fruit, Chocolate, Lipstick, Grease and almost all other oil and water soluble spotsl Planning to build, buy or remodel?

More American homes have



plumbing products

heating and



American-Standard than by any

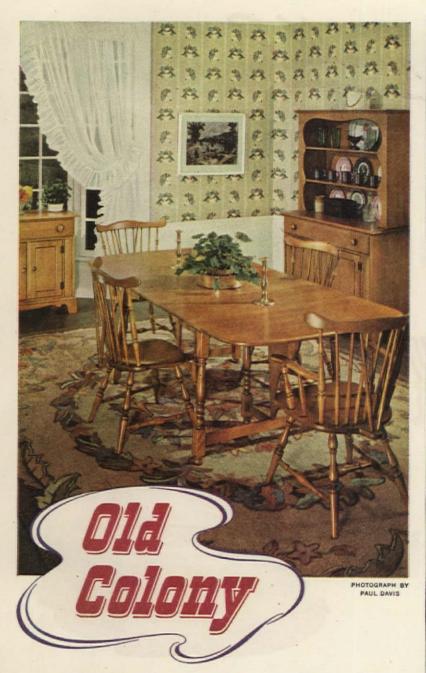
other single company!

SEND FOR OUR NEW HOME BOOK SHOWING ROOM DESIGNS IN FULL COLOR. IT'S GRAND FOR IDEAS. WRITE TO AMERICAN RADIATOR & STANDARD SANITARY CORPORATION, DEPT. A 75, PITTSBURGH 30, PA.



LOOK FOR THIS MARK OF MERIT WHEN YOU BUY, IT IDENTIFIES THE FINEST HEATING EQUIPMENT AND PLUMBING FIXTURES - YET THEY COST NO MORE. SOLD THROUGH WHOLESALE DISTRIB-UTORS TO YOUR HEATING AND PLUMB-





furniture with enduring charm... fashioned by New England craftsmen

A nice feeling for our colonial heritage, integrity of construction and a thorough-going regard for comfort characterize Heywood-Wakefield Old Colony furniture. Made in New England by craftsmen who have been making furniture since the early days of the Republic, these pieces in rich and mellow Winthrop

Maple finish are all "Home Planned." That is, you can buy them from open stock—as you buy your silver. You can add to them as your home grows—transforming your living room, dining room and bed rooms into a harmonious, beautifully integrated whole.

You'll find Heywood-Wakefield Old Colony furniture at better stores everywhere.



Gardner, Massachusetts

Dear American Home

On the subject "Should Housewives Be Paid?" by Kay H. Bretnall in your February issue, I say an emphatic NO! I have a fine husband and two fine children - and the normal amount of work and duties that accompany the care of a home and family . . . To me, marriage is a partnership in the highest and most exalted meaning of the word. My husband works - I work: he at his office, I in our home. We earn one combined salary. We pay our bills, buy our necessities, and share our meager surplus for amusement, "whims," etc. And when it comes to buying gifts, it delights me to give him one that has been paid for by little economies of mine. And he has done likewise.

If my husband were to come home with the pay check, pay all the bills, and then give me a check in payment for my "labors," I wouldn't feel like a wife; I would feel like "Maizie," the housemaid!

. . FRANCES K. ANDERSON

PERSONALLY, I dislike this type of article, because it proves nothing, creates no thought for better family cohesiveness, and may possibly cause more discontent in some little-thinking women, unable to evaluate true proportions . . .

The argument of a salary for housewives, if an argument exists at all, is rather like the present labor unions' legal suits for portal to portal pay. Money does not grow on trees, neither can it be printed like fun money. Each dollar represents an asset in our treasury or national resources. If housewives are to be paid by the government, since it is agreed that the average husband cannot afford to do so, and this method would not add anything to the family income anyway, the wherewithal must come from the taxpayers who ARE the government. This would be rather like taking a dollar from your left hand to put it into your right . . .

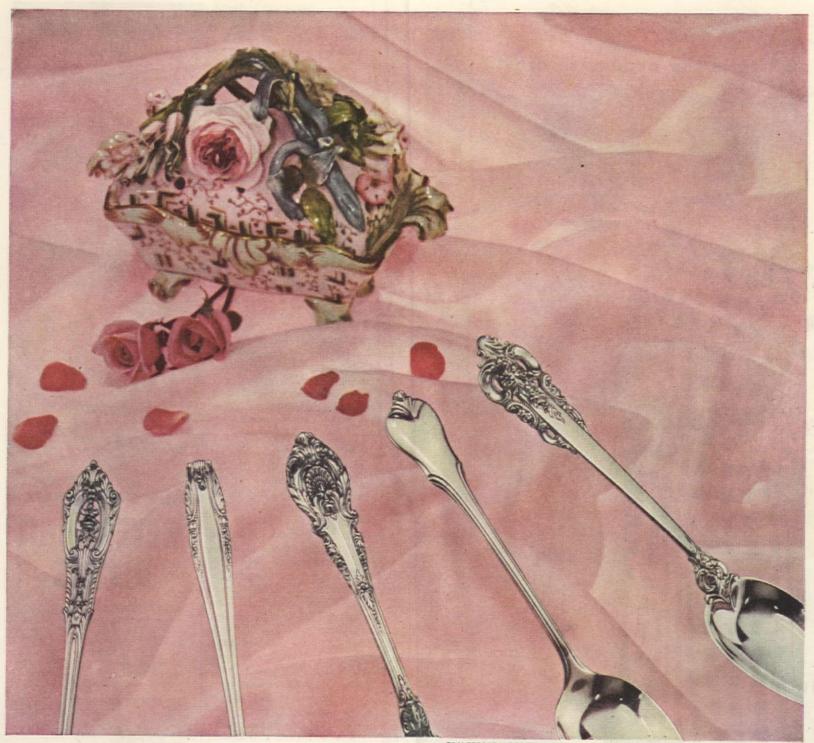
May I suggest that you continue in your purpose of adding to better living and pointing out ways to create the true home atmosphere. But if you must stir Mrs. Average Homemaker, why not articles on the disintegration of family life, the why of juvenile delinquency, and undisciplined, unmannered children. Ask any school teacher with long experience what she thinks of today's generation; the product of emancipated women . . . America's future depends upon the



There's more family fun in store when you choose a new Winter & Company Piano ... handsomely styled and superbly engineered, containing the revolutionary Alumatone* Plate for richer tone and much lighter weight. See and hear the exciting postwar models at your dealer.

Winter & Company, 863 E. 141st Street, N. Y. 54

*Reg. U.S. Pat. Off.



COALBROOKDALE POTPOURRI BOX, CIRCA 1820: JAMES ROBINSON INC. ANTIQUE COLLECTION

More than a century of WALLACE incomparable craftsmanship STERLING

All Sterling is silver clear through — but there must be genuine artistry in its "working" to make a Sterling truly precious. Look for things like carving in complete contour, delicacy of detail, perfect balance—both in weight and in line. These are qualities which in their epitomy of projection spell that exclusively Wallace Third Dimension Beauty which sight alone can fully describe. Wallace is unchallengeable in terms of craft as well as great design. From left to right these exclusively Wallace patterns with third dimension beauty: Rose Point, Stradivari, Sir Christopher, Grand Colonial, Grande Baroque. Six-piece place settings (luncheon knife, luncheon fork, teaspoon, cream soup spoon, salad fork, butter spreader) about \$25 to \$30. Wallace Silversmiths, Wallingford, Conn. • Since 1835 • R. Wallace & Sons of Canada, Ltd., Toronto, Ontario

Ask for Wallace Sterling Silver Polish — saves time and effort.



Quite a difference here! One of these summer wash dresses costs \$17.95 ... and the other, \$45. More than twice as much!

But the interesting thing is that both dresses look equally crisp, fresh and appealing-because they've been starched with LINIT*!

You'll find LINIT Starch gives a fresh, smooth, soil-resisting finish to all your things. Get a package today. Follow the easy directions on the box.

It's the shell pink dress that cost \$45.



. ADDS THE

nishing touch"

REFINING COMPANY, NEW YORK, N.Y. @ C.P.R. CO., 1947

LINIT is the smooth, penetrating starch that makes cotton look and feel luxurious as linen. Use LINIT to restore the charm of a fabric's original finish—for curtains, blouses, accessories, children's clothes, men's shirts. In fact, all your washables. homes of today, a home which should be founded on the security and protection found in a mother's loving care. Can the duties of a wife ever be measured by a monetary yardstick?

. . . BARBARA D. HUGHES

Wives do not have to be paid salaries-only husbands-wives just have to know what it is-what their husband's potential ability and earning capacity may be-and wives also have to have a clear view of their own potentials and ideas.

I am a graduate registered nurse. I majored in Public Health and have worked in many homes of varying incomes, and many sections of the country. I have been a housewife for ten years, and a mother seven and three-quarter years. Therefore, I feel slightly qualified to argue. I would say it is the family's privilege to demand a higher standard of living-any wife and mother can do itmost wives should get busy and do a better job of housekeeping. As for being afraid your children won't dry dishes, has your author heard about delegating jobs, and children's allowances? . . CAROLYN MORRISSEY

dousewives most definitely should be paid a salary. Though we contribute year-long drudgery and devotion to our family, that mythical "joy in creating a home" has no comparison with the satisfaction of an entry in the bank book. We live in a realistic time, and wornout platitudes about "women's reward" don't make much impression on women today. Too many understand that a new permanent means squeezing it out of the house money. What most women need is that feeling of independence and self-confidence that a little money in your purse gives you, when you know it is your own to do with as you please. While thus far all ideas presented are far from perfect, I say any step in the right direction is worth try-• • • ISABEL C. PARSONS

A man speaks up!

WE HAVE two little boys and, when I go out to work, I feel that the money I bring-home belongs to the four of us. I feel that when my wife is working at home, she is helping to earn the family income. The money I bring home is hers as well as mine, because without her I could not perform my duties, and could not command our income.

Granted, some wives work longer hours than men, maybe they "worry" more hours by being constantly concerned about everything in the home. I am, too; I share in the dish-washing, dressing of the children, shopping, etc. I don't get paid for this!

All that a man gets out of the money he earns is a home, clothes, meals, recreation, and some pinmoney, and the wives get the same thing, so what's the gripe?

• • C. M. JOHNSON



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Close your eyes . . . think of your home as a store window . . . as revealing as it looks to new friends. Picture the loveliness a new rug would give your living room. A handsome Smith Floor-Plan Rug, for example, that fits. In B.H.F. Colors,* too, to fit the other colors in the room. See Smith all-wool Rugs and Broadloom Carpets at your favorite store. Send for Clara Dudley's Color-Idea Book, free. Write Alexander Smith & Sons Carpet Co., Dept. S-30,

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*BHF... stands for the nine Basic Home Furnishings colors sponsored by many manufacturers and retailers of floor coverings, draperies, furniture, wallpapers, paints, etc.



FLOOR-PLAN RUGS
BROADLOOM CARPETS



There's a bracing freshness in the flavor of chilled v-o vegetable Juices that wakes up your taste for breakfast; there's a tempting cocktail goodness that keens the appetite for any meal. And in taller glasses of V-8 there's a mother's answer to the quest for something wholesome and good with children's sandwiches and snacks. For, remarkably, V-8 has only a whisper of added seasoning—the right combination of many fresh-vegetable juices creates that distinctive wealth of garden flavor. So for this abundance of vegetable goodness, as tasty as it is nourishing, keep extra cans of V-8 on ice. Serve it often—and generously.

Juices of





America's Williamsburg by Gerald Horton Bath. (Colonial Williamsburg, Incorporated.) Price, 65¢ A fascinating booklet which tells "Why and how the historic Capital of Virginia, oldest and largest of England's thirteen American colonies, has been restored to its Eighteenth Century appearance . . ." It is beautifully illustrated with photographs by Wendell Mac Rae and from the Archives of Colonial Williamsburg. An interesting booklet for those who have never seen Williamsburg (it's certain to make them want to) and for those who have been there, it will refresh their memories handsomely.

The Golden Bible, selected and arranged by Elsa Jane Werner and illustrated by Feodor Rojankovsky. (Simon and Schuster.) Price, \$2.50 . . A faithful arrangement of the King James Version, made unforgettably vivid and exciting by Rojankovsky's illustrations. Young readers will find increased meaning in the stories, because of suitable vocabulary and phrasing simplifications, as well as certain omissions of long genealogical chapters, detailed books of laws, and other subjects of mainly adult interest. It tells the history of the Hebrews, traced from Adam and Eve, through Joseph and the sojourn in Egypt, Moses and the years in the Wilderness, to the final attainment of the Promised Land. The richness and flavor of the Bible's prose and poetry have been retained, and the dramatic illustrations serve further to bring this history to life for the child reader.

Around the Garden by Dorothy H. Jenkins. (Barrows.) Price, \$2.50 . . . You clipped those weekly reminders from the Sunday garden pages of The New York Times meaning to paste them in a scrapbook, and now that they're all mixed up, and some are lost and you don't know what to do? Well, dry your tears. This little book by Garden Editor Jenkins gives them to you in orderly array, plus decorative and practical sketches, and a lengthy index. The monthly chapters are based on material published over a three-year period, so they pretty well represent the activities of a "typical" gardening cycle.

Harry R. O'Brien's Gardener's Slide Rule. Price, 10¢... That ingenious and indefatigable gardener-journalist has devised (and the

Union Fork and Hoe Co. of Columbus, Ohio, has published) a sliding chart of capsule directions that gives a lot of information for the growing of flowers, bulbs, and vegetables.

Pressure Cookery by Leone Rutledge Carroll. (M. Barrows and Co.). Price \$2.00 . . . This book fills a longfelt need for those busy housewives who find the pressure cooker the answer to easy, quickly prepared meals. There are recipes, time and pressure charts for any type of pressure pan. There are charts for those who live in high altitudes, and must adjust their cooking accordingly. There are meals planned that can be prepared in one pot. Valuable to those who help entertain at church suppers is the chapter, "Cooking for a Crowd." This is a readable, practical book.



Color-Keynote of Interior Decoration. (United States Gypsum Co.) Price, \$1.00 . . . A departure from the usual booklet of this type, both in size and content, Color-Keynote is full magazine size and printed entirely in color. It contains shining illustrations of interiors designed by America's leading decorators. Paint formulas for wall colors used in the rooms are listed in the back of the book, enabling you to mix for yourself those elusive, deep-toned, decorator colors which stymie ordinary painters - emerald green, burgundy, deep jade blue. Dozens of lively sketches illustrate the text, which gives valuable information on determining what you and your family like or dislike in the way of color, furniture styles, carpets and fabrics. There are good ideas on problem rooms, accessories, and products. The booklet is now available through Texolite paint dealers.

Sorry, we cannot purchase these books for you. They may be obtained at your nearest bookstore.





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America's newest, most advanced pianos

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BELOW, MODEL 725

ABOVE, MODEL 715





Vanguard starlets Dorothy Mann, Shirley Fedderson, and Cindy Garner in the cast of "They Died with Their Boots On"

If you are prone to sigh over "the good old days", it's time you take a look at the other side. . .

You may discover you were

Would you swap the healthy youth relationships of today for the unwholesome, self-conscious depressions of "the good old days" of your youth?

Photograph by Ernest A. Bachrach



Jean Tigar

Born 20 Years Too Soon!

EVERY time I pick up a magazine and read of someone's yearning for the good old days, I ask myself if I am the only one who does not think they were so good. This is especially true of the articles that deal with the author's childhood and the precious and vanishing past. "Those were the beautiful days, and the youngsters now will never have the marvelous times we had then," I read in effect. And then I start to wonder.

It seems to me that the newer generation is well compensated for the advantages of a bygone era. Children possess much more freedom, for one thing-both at home and in school. My Junior Miss discusses topics with me that were taboo among grownups in my youth. She tells me jokes that I never could have told my mother. She uses words and phrases I had not learned the meaning of at her age. I know she finds our being contemporaries most gratifying, and I am sure I would have, too, if such had been the trend when I was young. My son knows all about the postwar world, and can hold his own when we talk of reconversion. (Remember when you were reminded that children were to be seen and not heard?) He learns a great deal from something called The Weekly Reader. This is a miniature newspaper that explains current events in simple, understandable language, and illustrates the stories with expert and fascinating photographs. He and the other members of his class are far better informed than his father or I were at his age.

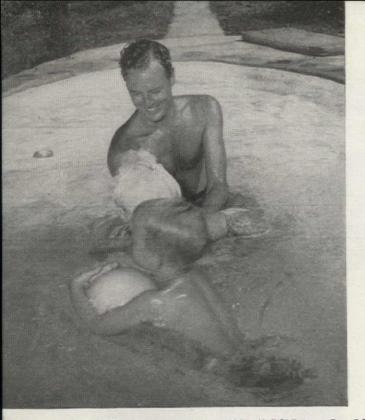
We make a genuine effort to understand them.

to treat them as equals, to listen to their ideas. We know now it is wrong to expect blind obedience, to be too demanding, to be severe. All you have to do to convince yourself of this, is to pick up any woman's "slick," any family magazine or average newspaper. There you will be urged to be quick to praise and slow to blame, to show your child in every way that he is loved, to make him feel you believe in him and trust him implicitly. Gone are the harsh parents who used the switch and sent the children to bed without supper, not waiting to hear the explanation or the extenuating circumstance. Now, if we do come across a child who is really unmanageable, he is probably at that very moment being taken to a child psychologist so his mother can find out what is wrong, and help him with intelligence, kindness, and sympathy, to overcome his difficulties in the beginning.

Sighs have been sighed for the old-fashioned monetary systems of yesteryear, when a nickel was a nickel, and you learned how to hoard. I can only say, in this regard, I wish I had had the earning opportunities that are thrown my subdeb's way. I was always dealt with generously, but the purchases I made had to be talked over first and accounted for later. When I contrast this with the freedom my daughter has with her cash, which she earns herself, I sigh in the other direction. If she covets a jewelry bauble, she buys it, and no questions asked. If she chooses to save for an expensive zipper notebook, that's all right, too. I cannot see where such experience is less enlight-



Johnny Sands and Barbara Barker, Selznick stars



ening than the financial educations the older generation learned by. On the contrary, I think she is benefiting from her possession of folding money to the extent that larger sums will be easy for her to handle.

And the things that go on in the modern schoolroom! When we were tots, we had to sit during rest period with hands folded, and keeping absolutely quiet. Now, during rest period you can rise, chat with the boy in the back row, examine the interesting things on the teacher's desk. What's more, the instructor is always approachable, is constantly on the alert for touches of human interest. The classroom of today is truly a friendly and pleasant place to be.

But if what goes on in today's equivalent of The Little Red Schoolhouse is surprising, the current trend toward pleasant informality in high school is a revelation. Teachers knock themselves out being friendly, understanding, and unbending. The pupils are encouraged to think on their own, and if they have opinions that differ from

be diagnosed and carefully cured. Today it's usually a school nurse, not the truant official who calls at the home of a student who is suspected of "playing hookey." She talks with the mother and the child, attempting to see what is wrong. She does her best to adjust things to the satisfaction of everyone concerned and, if she can't, she finds someone who can. Time, money, energy and effort are expended lavishly, that the maladjusted child may, as easily as possible, be happy and thriving in his classroom.

I number among my acquaintances several women who are frustrated careerists. If they could live over again, they would not marry a few years after high school as they did. They would have gone on to college or have had the advice of guidance counselors. Nowadays, mothers and fathers are made to feel a higher education is a necessity, not a luxury, as many parents years ago thought a college education wasat least for the girls of the family. In elementary school there are teachers who may be consulted as to what to take up in high school in preparation for the college courses which, it is taken for granted, are coming later. In addition to this, frequent assemblies are held at which the speaker tells the virtues of his profession as a life work. In the light of all this, it does not seem likely that our children will encounter, in adult life, so many dissatisfied people.

Those who look back longingly at summertime on grandpa's farm, have nothing on this generation's juveniles either. In almost every city there are camps where, for two dollars a week, the "day campers" have supervised play, arts and crafts, from nine to five. They have swimming parties and picnics, and are given expert guidance in nature lore. They were escorted through the city hall, through the county jail (!), through a model dairy, an ice-cream plant. They wouldn't swap this summer for the old-fashioned kind for anything, nor would my daughter swap her kind of vacation for grandpa's farm. She went to a camp run by

the local Y.W.C.A. where, for a nominal sum, she had the time of her life. She enjoyed the type of vacation which, in other days, could be indulged in only by the children of the very rich.

It all boils down to the fact that the good old days may have been very good indeed, but I can't help feeling I was born twenty years too soon.

Photograph by Philip Gendreau

Would you swap the stuffy "children should be seen and not heard" era

for the delightful parent-children relationships of today?

the instructor's, they are at liberty to express them. I can recall being amazed my second year in high school, when a teacher deigned to sit next to me to eat her lunch. Yesterday I heard of a high-school prof who swapped sandwiches with a friend of my daughter. It is all free and easy, and it seems to me, a much more agreeable and satisfactory road to knowledge than the one we trod in the "good old days."

And where are the truant officers of another day? There are some around, I guess. But for the most part, what truancy there is is dealt with as an illness which must

Photograph by Harold M. Lambert from Frederic Lewis

AT TOP: Jim Warren, RKO star featured in "Indian Summer," maintains that if you would protect your children, teach them to swim. Shown above in a pool he built are his four-year-old son, Ray, and two-year-old Gale. In three weeks, both children could handle themselves well in the water

Photograph by Ernest A. Bachrach



Photograph by Richard Merrill from Mary Armstrong Melvin

The Little Red Schoolhouse offered precious little compared to today's intelligent educational system. Summer on grandfather's farm was of little value compared to today's camps for health, sports, and instruction

Marguerite R. Smith DON'T

Be a City Mouse!

To live or not to live-in the country. Is that your question?

You have planned and dreamed to have "just a little house-so it won't be too much to take care of, and land, oh, about five acres-so we can have chickens and a lot of fruit and flowers." And now little bogeymen are peeking around the corner at you and your dream spot. Aren't they? Well, tåke it from me-one who's had seven years of a private water system, suburban busses, flat tires, weeds, dogs, and some of the orneriest chickens that ever lived-country life is the life. But it may not be exactly the life for you; I must admit it.

I suspect your biggest problem is transportation. That's where the bogeymen start. ("Why, the Joneses went 'way out of town, and they had only that old car. When it broke down one morning-!") A flat can be tragic, especially if you live two miles from the nearest bus line, and you have no neighbors who go to the city. But interurban bus lines surround all our cities, and an occasional walk of half a mile to a bus terminal can't be considered too far beyond your pedal powers, can it? If it is, perhaps you'd better just stay in town, and let your neighbors' smoke pour over your curtains. But if you are self-reliant, then the country is for you. Indeed, it will be the making of you. As for walking, you should like to walk, if you're country bound. And there'll be all kinds of hikes in the offing, once you're off the city sidewalks.

Next, how are you with birds and dogs and other animals? I'm convinced you shouldn't move to the country unless you like dogs. There's a reason; it has to do with another bogeyman. ("My dear, she had to stay all alone at night in that big house, and the neighbors are miles way-!") I've done that, too, and I'm not very brave. I had two dogs who somehow convinced me they'd tear any invader limb from limb. Actually, they would probably have hidden be-





otograph by David W. Corson

hind me. But the three of us put up to the world a most imposing front.

If you like birds, you'll get along well with chickens. My husband said not long ago, "Our chickens are fun. I like to watch their personalities develop." That, in spite of the fact that he was cleaning dropping boards!

And birds are as entertaining as our chickens. One woman, whose long business hours are urging her from her country home to a city residence, said to me, "It's those cardinals! If they'd just stop singing, and coming around to the breakfast-room window for their sunflower seeds, I think I could do it. But how can I leave the country and the cardinals?"

Water can be another bogeyman. Sometimes wells go dry, and new, deeper ones have to be dug. You can always check on this before you move into a place, and if you build your own, you can go down deep enough, usually, to catch an endless supply, and one not dependent on rain.

Then there is the work. ("My dear, the Joneses just worked themselves to death on that little country place of theirs.") Oh, no they didn't. They just thought they did-probably because they didn't love it. It's true that on an acre you'll have four times as many weeds as you had on a quarteracre city lot. But your planning will be different. You'll raise flowers that don't take too much time and care. You won't be too perturbed when the weeds grow. At worst, you can buy a goat to conquer them. At best, you can scythe the weeds for compost, and let them enrich your land.

If you belong to a dozen clubs and can't miss a meeting; if you dote on seeing every movie as soon as it comes to town; if you just love to "shop," well, maybe you'd better stay put. You won't be at home often anyway, with a schedule like that. But if you like your own company; if you never have time to do the million interesting things that are on your mind, then it's the country life that is for you.

If fear is holding you back, knock fear in the head. Love your neighbors, (it's easier at a distance) breathe good fresh air, watch the birds and chickens, and play with the dogs. You'll

find so much entertainment in your own back yard that city excitement will lose its lure. You'll live a more natural life, probably a longer one. You'll be able to see the horizonthe horizon that always promises better things ahead. It delivers them, too, when we have no hampering fears.



children's fair...





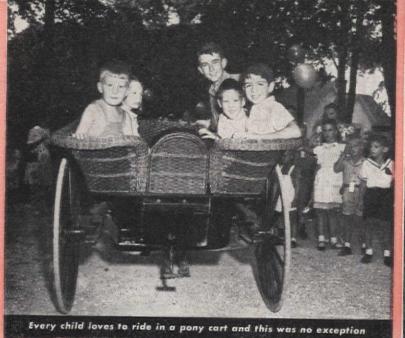
One of the fair's most popular attractions was a pupper show put on by one of the mothers





Photographs by Percy H. Prior, Jr.

N Winnetka, Illinois, a children's fair was held last year to raise funds to keep the community nursery going. It turned out to be such fun for children and adults alike that now the fair is to be an annual event. In getting the fair going, ingenuity proved to be the most necessary ingredient. The problem of a site was solved, when one of the mothers on the nursery board obtained the use of the ground of a large estate. From there on it was smooth sailing. As the idea took hold, one person donated a pony and cart, another an old mattress and spring for a jumping game. Fort Sheridan officials were asked for, and they supplied, a jeep and tank for short rides. Youngsters donated their dis carded books for a bookstall. One of the mothers gave a puppet show, and some col lege girls painted and redecorated old toys games, and furniture. Merchants donated food and ice cream, and put on a fashion show. With no expenses, profits were \$2,700.0 -enough to make sure that the nurser would operate as usual in the coming year





College students redecorate old furniture, toys, and games





Ruth W. Lee

Children were asked to contribute books they no longer wanted for the book stall

A nickel bought one ticket, one ticket a balloon. The clown helped make sales soar

An old mattress on an older spring forms the landing place for this jumping game





Long-Deserted Vermont Village



Abandoned and neglected for over sixty years, its houses gray and forlorn, this village gained new life and charm thanks to ingenuity of city-bred architect and wife

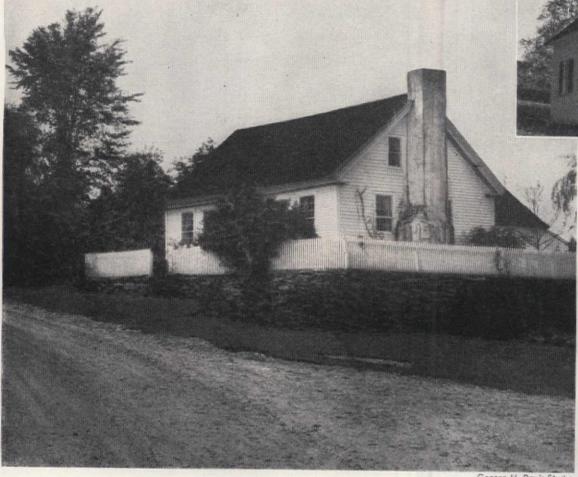


Ethel M. Eaton

To see this peaceful Vermont hamlet today, its tidy white houses lining the long street, and shaded by century-old maples, even the most active imagination couldn't possibly visualize its sad and sorry plight seventeen years ago. That was when Samuel R. Ogden, a New Jersey architect, took over lock, stock, and barrel. Abandoned soon after the Civil War when the one industry—a saw- and gristmill moved elsewhere, its buildings, gray from lack of paint, were



Lives Again...



Former schoolhouse now serves as attractive summer home. Below, everyone meets at community library, once just decrepit shed on old house



George H. Davis Studio

in all stages of disrepair. Mr. Ogden had long known the place, having summered near by with his family for a number of years. A decision to live permanently in Vermont also included buying the entire village and restoring it to the useful, beautiful community it is now.

This meant dealing separately with the owner of each piece of property—fifteen in all—but the enterprising newcomer lost no time. He was successful in all but one instance. Then came the

really hard work. Twenty cartloads of rubbish had to be got rid of at the very start. The Ogdens chose a house to live in temporarily, while the one they had chosen was being made habitable. As soon as each house was complete, some friend was waiting to buy it. In one or two instances, houses were bought "as is," though Mr. Ogden did put all chimneys and fireplaces in working condition. From there on, the more enterprising owners carried on alone. Several barns, weathered

to a wasp-nest gray, were altered into studios for artist friends. Their soft, silvery exteriors were left unpainted, and enhanced by bright trim—in one case red, in another green. Casement windows replaced the originals—where any originals remained! Chimneys were added along with generous fireplaces, two of Mr. Ogden's specialties. There's not a house without at least one fireplace, and some boast several, either new or reopened. A decrepit shed was detached from one of the





Dining and living rooms in Ogden house show fine old woodwork, prized antiques

Barn walls were left weathered silver-gray, accented by gay, bright window and door trim—one red, the other green . . . original broken windows were replaced by small, diamond-shaped panes in A.M. Pitcher home, at left



buildings, moved to a location across the road and, after being converted into a library, presented to the town. With its entrance porch, big stone fireplace, and many books—contributed by villagers and their friends—it's a cozy gathering place for all. The old, one-room schoolhouse, on a back road, has been transformed into a charming summer home. It requires no stretch of the imagination to see merry youngsters at play in the big dooryard. On this road Sam Ogden has built a new house on old foundations.

Up to the present time, electricity hasn't been brought to the village, though it is promised in the very near future. This in no way interferes with the comfort and happiness of those who live there. Big kerosene mantel lamps provide adequate lighting; and the little river at the foot of the hill contributes plenty of ice for refrigerators, as well as for skating. At the beginning, only one other family besides the Ogdens lived in the village all year round. Now three families make it their permanent home, and others are planning to do so within the next few years. But, from early spring until late fall, every house overflows with community-spirited owners and their friends.

Of his own delightful house, Mr. Ogden says, "Restoration was largely a matter of excavation." The retaining walls were almost completely buried under the dirt and rubbish of many years. What was originally a cooper's shop has been converted into a warm, cheery, pine-paneled study. The kitchen, one step down from the main house, was, at one time, a post office. Throughout the house, judicious use of antiques by Mrs. Ogden produces an atmosphere of soft colors and Early American charm thoroughly genuine and heart warming.

Thanks to Mr. Ogden's energy and skill, thirty old houses throughout the Vermont countryside have been given a new lease on life. In his own forge, he produces old iron latches, hinges, and other appurtenances of an earlier day. Members of this ingenious family have served and do serve both their town and state in many capacitiesin town offices, and as representatives to the General Assembly of Vermont. They've come to love their village. In addition to the recreational opportunities afforded the year round by the near-by river, they've provided a fine tennis court, centrally located and available to all residents. In the winter, there are several famous ski tows in the vicinity. Everywhere, an atmosphere of friendly warmth and happiness permeates throughout this tiny community, rescued from neglect and decay by one who had both courage and vision. Certainly it can be said that city-bred Samuel and Mary Ogden have made a fine art of country living, and have helped and are helping others to find the same freedom of spirit and abundant living which they so highly prize.

Rugged stone work and heavy wood beams add sturdy character to living room in Pitcher home. Extra large kerosene lamps provide adequate light . . . cast soft, warm glow over high gabled interior of reconverted barn

Trained Fruit Trees Do Pretty Tricks

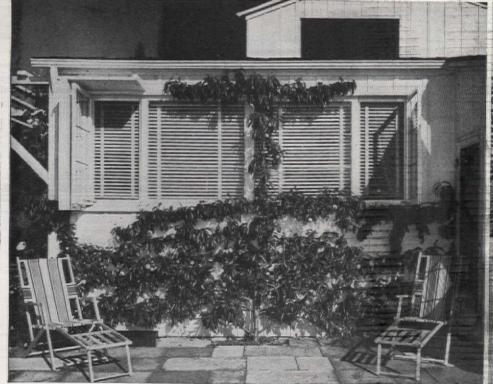
Have you space against your house, like the sunny corner shown below, or by the garage wall, or in your patio, that you'd like to cover with a unique plant pattern? A dwarf fruit tree "whip," costing from \$1 to \$2.50, will, in time, cover up to 12 feet square of wall, grow flat as a vine, and flower (and perhaps even bear a little fruit) the second year after you plant it. This is what you do . . .

Plant your "whip" (nurseryman's term for a year-old tree without branches) in spring or fall in ordinary garden soil. If you want fruit, it should get five to eight hours of sunlight; with less, you may get plenty of leaves and some blossoms, but the fruit will be scant and inferior. As buds begin to swell along the stem, select two on the right and left sides of it, at the height you want the first branches—ordinarily 12" to 15" from the ground. With sharp pruning shears cut off the whip on the slant 2" above these two buds and rub off all the other buds except one just below the cut end.

The branches that arise from the two buds will be tender, so wait until the wood hardens a little before starting to train them sideways along a wire already placed there. Tie the tip down first, with raffia wrapped twice around the wire and once, loosely, around the shoot. Bring it down gradually by tightening the tie a little every few days. The support or frame can be of lath, as in Fig. 1; or wires (No. 10 galvanized) can be stretched between firmly set posts, as in Figs. 3, 4 and 6. In Fig. 5, wires are stretched 12" apart between galvanized spikes driven into snug-fitting holes made in the bricks with a star drill.



(Fig. 1) An almost perfect example of expert espalier training. The ten-armed, symmetrical pear tree framing the window transforms a modest dwelling into a neighborhood show place, and bears blossoms and luscious fruit into the bargain



(Fig. 2) Peach tree forms tapestry below windows, pillar between, canopy above



(Fig. 3) This three-tree arbor bore 900 pears one season



(Fig. 4) Upright-armed trees make a sturdy fence along the pathfragrant, colorful, productive, and different. No ladder is needed to garner the harvest, and spraying, when called for, is easy indeed

suffice. [See article, page 34—EDITOR.] If you want fruit as well as decorative effect, buy your trees from a thoroughly reliable nurseryman and be sure they are dwarf trees. Standards grow too large and come into bearing slowly. In buying single trees, ask for self-pollinating varieties like Bosc or Clapps Favorite pear and Wealthy or Delicious apple. The union or graft mark should stand above ground; if it is buried, the scion or upper part of the tree may take root—and the tree will no longer be a dwarf. Too much watering and feeding will produce wood and leaves instead of fruit. Prune only in summer, usually June and August; dormant pruning stimulates unwanted wood growth. Thin out fruits when one-third grown, leaving about four per foot of branch. If you haven't time or inclination to develop an espalier from a whip, you can buy small trained trees started in a variety of interesting patterns. But whether you buy or grow-your-own, you'll have a charming conversation piece in your colorful, flavorful espaliers.

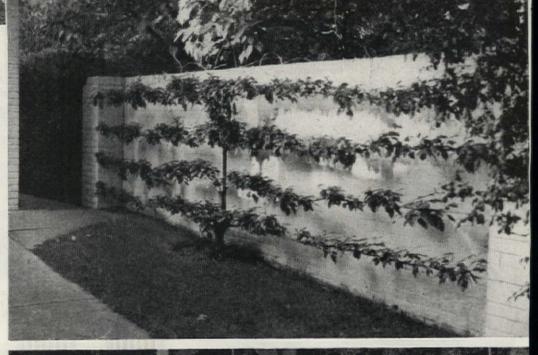
While the two lowest branches have been growing along their wire, a new upright shoot (leader) has been developing from the bud left at the top of the whip. When it is about 4" above the second horizontal wire, find two side buds close to the wire (to form the second tier of branches), cut the main stem 2" above them, leaving one bud as before, and rub off all the others. Repeat this performance until the tree has attained the height you want, then cut the leader back even with the top pair of branches and keep any future shoots pruned off. The charm of an espalier lies in its trim adherence to the chosen design. The tree in Fig. 2, delightful as it is, would be the better for a snip here and there. Too much sap is going into wood and leaves instead of into the peach crop (if that is the main objective).

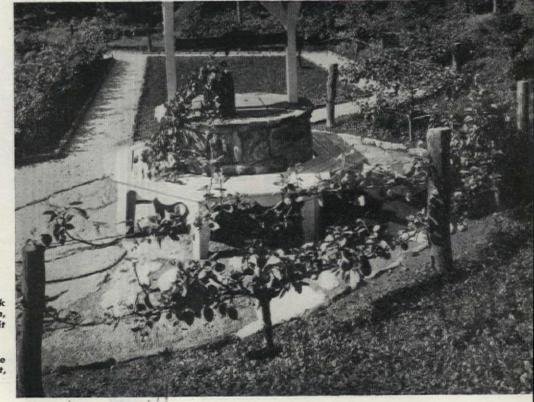
As the side limbs grow along the wire (to which you tie them at intervals, firmly but not too tightly) they, too, will develop buds that will become shoots. Rub off all those at the back (toward the wall) and when the others are 6" or 8" long, cut them back to 2". On these stubby spurs will be borne the flower buds, the blossoms and later, if all goes well, the fruit.

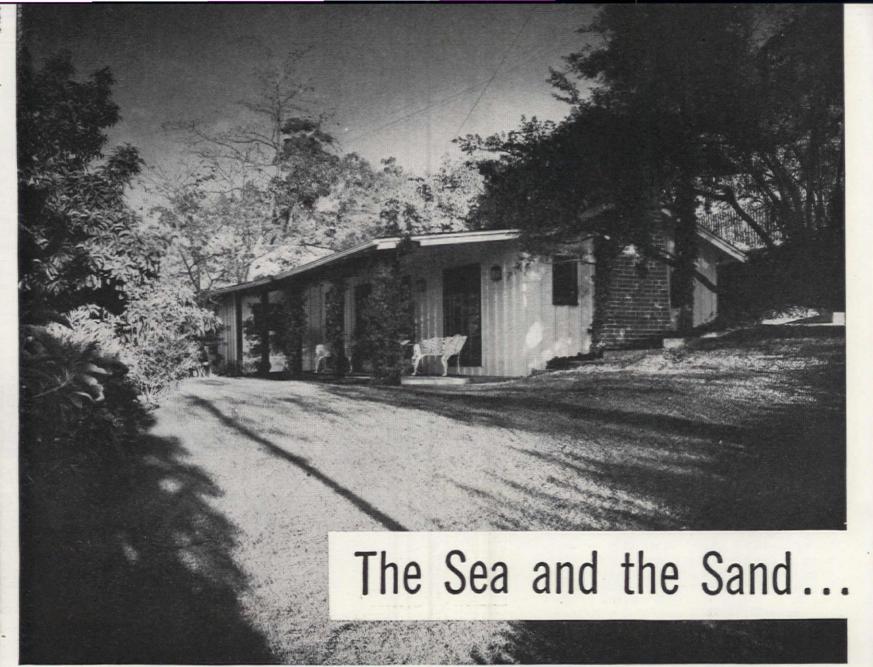
Espaliers with straight arms (Figs. 2 and 5), are the easiest for the beginner. But they have the disadvantage of bearing less abundantly-unless handled by experts -than do trees developed with partly upright arms (Figs. 1, 3, and 4). The upright form is much less complicated and difficult to develop than it appears. First, make the pattern of lath, piping, or wires and attach it firmly to posts or, if against a wall, a few inches out from it. Since each tree will never be more than 12" wide, you may want to provide each one with its own supporting framework. When the lowest branch on each side reaches the point where you wish it to turn upward, bind the tip gently to the vertical wire or lath, and every few days tie it a little tighter until the angle is as square as the perfect example in Fig. 1. When it is as high as you want it, cut it back and, thereafter, keep all further upward growth pruned away. Espaliers need less spraying than ordinary trees because, being open, they get more sun and air. A few treatments a year as recommended by your county agricultural agent should

(Fig. 5) This apple tree graces white-painted brick wall of a Detroit garden. The wall, in return, provides useful protection for tree and its fruit

(Fig. 6) English ivy drapes the well-head, but the low-trained, four-armed pear trees that flank it, already in bearing, serve a dual purpose







Photographs by Julius Shulman

Janet McHendrie

The this, and the ocean, too!" to paraphrase a well-known saying. For Mrs. Earl Hayden, to whom this house belongs, believes in the art of gracious living, and though the sea and the sand are just down the hill, there is nothing of the casual, picnicking summer camp about her beach house. Swimming, sunning, hot dogs, and ice-cream cones are right there when you want them, of course, but they stay where they belong—on the beach. Up on the hill, in the vine-covered little house, there is an atmosphere of quiet comfort—a home to be lived in all year round among familiar, long-cherished belongings, with the always surprising view of the ocean from the shutter-framed windows opening from each room.

Most of the furniture in the house is Victorian, some of it from a family inheritance, other pieces acquired more recently as appropriate companions. As functional, knockabout summer furniture, it is in the same category with the voluminous "bathing dresses" of a bygone era. Nevertheless, for pleasant, everyday living, it has a warmth and charm seldom

Lush fruit in a wooden trough picks up the color and form of the Victorian print above the dining table. This group is at one end of the living room

Are Just Down the Hill



achieved by the purely practical metal, can-vas, and linoleum furnishings of most beach houses. Against modern color combinations that no Victorian ever dreamed of using, it is dignified without being stuffy, pleasant, but not too sentimental.

The unusual manner in which color is handled is one of the most interesting features of

Specially designed trapunto





Small kitchenette, at left, is compact but workable as a yacht's galley





Crackling color twines through the wallpaper, repeats in studio couch covers and cushions; woodwork is painted yellow



the house. In the floor plan, the rooms extend straight through in a line; living-dining room, kitchen, den-bedroom, bathroom, to the master bedroom at the end of the corridor. The color scheme throughout the house is a subtle combination of reds and yellows.

In the living room the windows are framed with unusual shutters having vertical louvers. The shutters are painted an old, faded red against yellow walls. In the den, yellow wallpaper picks up a brighter red in its floral pattern. In the bedroom, a handsome old Victorian bed in a lush, quilted fabric of rich wine red stands out against pale-yellow walls.

In the beginning the Hayden house was a vacation retreat; now it is a permanent all-year-round home. With its sophisticated color scheme and its cherished furniture, frequent guests like to describe the Hayden house as the beach house that has everything.

Instead of draperies, folding shutters in beautiful faded red close across the windows at night to shut out a storm, or lock when the house is closed



Mr. and Mrs. B. H. Molner Glencoe, Illinois

Green walls of stained pine boards and a bright floral chintz are the prime ingredients of the B. H. Molners' living room. The provincial dining room, at right, gives the starring role to the printed cotton on chairs



NEW LIFE FOR AN OLD HOUSE



The Molners' house in Glencoe, Illinois, has white-painted exterior

The old sunroom was converted into this cozy bookroom. Bright plaid draperies draw to shut out the night. Window

sofa is green leather

hotographs by Nowell Ward

WHEN the B. H. Molners bought their house in Glencoe, just four years ago, it was a big nondescript building covered in mud-colored stucco. In spite of its exterior, they liked the spacious rooms, which they knew could be given a real face lifting. They started by painting the outside chalk-white with dark-green trim.

Inside the house, they ripped out all the old flooring, replacing it with Bruce block oak squares. Then they removed a hideous huge stone fireplace in the living room, and covered the entire fireplace wall in knotty ine, with a simple wood shelf above he red brick arch of the hearth. They stained the knotty pine a deep Wiliamsburg green, matching the painted window wall opposite. An overscaled, ose-and-green chintz on a white round was used for draperies, and to lip-cover the fireside love seat. Oposite the fireplace is a sofa covered bright, cherry-colored, quilted hintz. Lamps are converted apotheary jars of white glass, old silver eapots, and pewter oil lamps.

The old-fashioned sunroom, which an extension of the living room, was empletely converted into a modern ookroom. They widened the arch,



Like a bright cherry in a cool drink, the red quilted-chintz sofa adds the warm spot of color to the living room. Table holds a collection of cups and saucers

removed old glass doors, and covered the walls in knotty pine. A green-andred-plaid taffeta, used for draw draperies, gives warmth and color to the room. In the windows over the green

leather sofa, is a group of miniature Provincial furniture. A blue-and-Victorian oil lamps in cranberry, cobalt, amber, and green glass.

The dining room is painted white, as a background for their French

white fabric is used for chair seats and overcurtains. No rug is used in the room, because the floors are of rich and shining oak parquetry.



A SIMPLIFIED

SPRAY PROGRAM

FOR FRUIT GROWERS

SPRAY NUMBER	1	2	3	4	5	6	7	8	
APPLES (V	V	V	1	~				
PEARS	V		V	/					
PEACHES (S)	V		V	V		V			
APRICOTS	V		1	V		V			
CHERRIES	V		1	V			1		
PLUMS	1		V	V		1			
SPBERAIES & BLACKBERRIES	V		1						
CURRANTS & GOOSEBEARIES	5		V	*					
GRAPES	V	-	V	1					
STRAWBERRIES								V	

THE apple blossoms on the opposite page symbolize the hope and promise of spring in any orchard or fruit garden. The other pictures typify the two possible results—clean, healthy, perfect fruits that are a joy to look at and eat, or diseased, ugly, useless specimens. The kind you will harvest isn't in the lap of the gods, as some suppose. It's up to you . . .

Convinced that spray programs, as generally presented by state agricultural experiment stations, are too complicated for the average homeowner with only a few trees, plants, or rows, plant protection experts at the University of Illinois developed the simplified schedule described here, which largely eliminates technical knowledge as a prerequisite to successful harvests, and leaps geographical limitations. It can, therefore, be applied pretty generally, with minor modifications to fit local conditions based upon advice obtainable from county agricultural agents or state experiment stations. It was evolved by Dr. Dwight Powell to provide "a protective bill of fare for the home fruit garden," and consists of five "main courses" supplemented by three others to meet the special needs of particular crops.

Fundamentally, the answers it supplies to the questions of what to use and when, also explain "why." Fruit spraying is basically a procedure designed to get the jump on insect enemies and diseases, and apply the traditional "ounce of prevention." This is doubly important because there is no alternative "pound of cure." Generally speaking, it is wasted time, money, and energy to spray too late, or with the wrong material The Illinois program includes five substances though all are not needed by every home gardener. The formulas are practically the same as those used by commercial fruit growers who, however

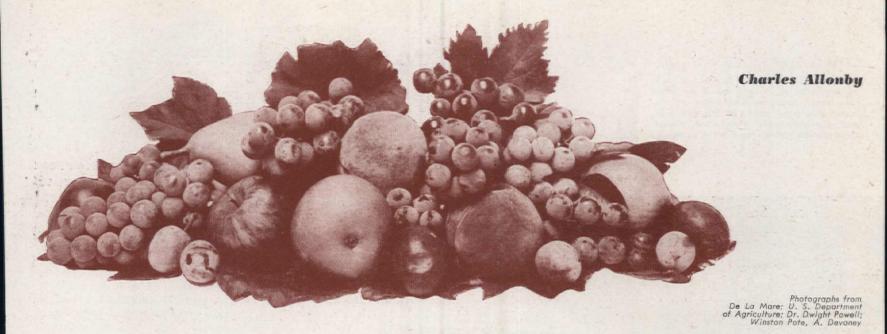
Formulas for Numbered Sprays
(See text opposite)

1-Lime-sulfur, 1 pint liquid, or 1 pound dry, t 1 gallon of water

1 gallon of water
2 to 5 inc.—Wettable sulfur, 3 tablespoons; hy
drated lime, 1½ tablespoons; arsenate of
lead, 1½ tablespoons to 1 gallon of water

6-Wettable sulfur, 3 tablespoons to 1 gallon of water water

7 and 8-Fermate, 1/4 tablespoon; or arsenate of lead, 1 tablespoon, copper sulfate, 1! tablespoons, hydrated lime, 3 tablespoon to 1 gallon of water. (If prepared be deaux mixture is used in place of coppe sulfate and lime, use 4 tablespoons to the gallon of spray mixture)



think in terms of 100 gallons, to the gardener's 5. The main ingredients are hydrated lime, wettable sulfur, and arsenate of lead; the supplementary ones are copper sulfate and lime-sulfur. Prepared bordeaux mixture, as sold in stores, will provide the copper and lime if you don't want to buy the materials separately and do more mixing. Here, then, is the schedule, for which the seasonal development of the apple tree serves as a time clock.

REGULAR SPRAYS

I. For all fruits (except strawberries)—Just before the (apple) leaf buds start to open, use Formula 1, covering trunks, stems, and branches thoroughly. This dormant spray, to control scale insects, peach leaf curl, raspberry anthrac-nose, and other enemies that winter over on the plants, may not be needed every year but is the first step in putting the program into operation.

11. For apples only—Just as the blossoms are about to open, apply Formula 2, to catch apple scab, spring canker worm, green fruit worm, etc.

III. For all fruits (except strawberries)—As soon as three fourths of the apple petals have fallen, repeat Spray II. Note the date, and, in rainy seasons, repeat in another week. This is a follow-up treatment, and also helps fight codling moth. If apple trees are attacked by blotch one week after this No. III spray, apply Formula 7.

IV. For all fruits (except strawberries)—About 17 or 18 days after Spray III, apply Formula 2 again as a cover spray for codling moth, curculio, and scab.

V. For apples only—Two weeks after IV, apply this final step in the regular program, again using Formula 2, as an added insurance.

COMPLEMENTARY SPRAYS

VI. For peaches, apricots, and plums only—About three weeks before harvest time, apply Formula 6 to control brown rot. This can profitably be repeated weekly until time to harvest.

VII. For cherries only—As soon as possible after harvesting, spray with 1½ tablespoons copper sulfate, 2 tablespoons hydrated lime and 1½ tablespoons lead arsenate to each gallon of water. This is aimed at leaf spot and slugs.

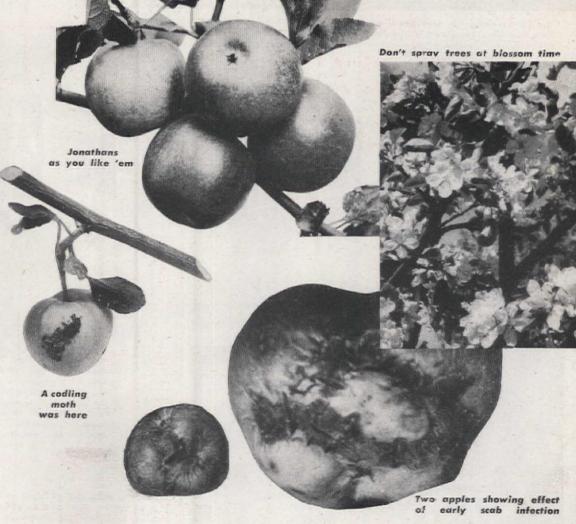
VIII. For strawberries only—Control of strawberry enemies is mainly a matter of proper culture. Leaf spot and leaf rollers can be kept down by spraying as in VII when blossoms first appear. Repeat right after blossoming if necessary, but omit the arsenate if berries are forming. (On fruiting plants, use rotenone for leaf rollers.) After patch is cleaned up in late summer, a combined

bordeaux mixture-lead arsenate spray will help control pests and insects. Avoid injury by white grubs (the larvae of May beetles or "June bugs"), by not planting on sod land for at least two years after it is dug or plowed.

How much spray to use will depend on the size of the tree, but a useful estimate (in gallons) is: Divide age of tree by 4 (for Spray I), 3 (for Spray II, 2 (for Spray III), and 1.5 (for Spray IV to VII). Thus a 10-year tree would need about 2.5, 3.5, 5, and 6.7 gallons, respectively, of the different treatments. Choose a bright, sunny, windless day, if possible, and distribute the spray evenly. A 3- to 5-gallon hand sprayer will ordinarily serve the home garden. Wash it thoroughly after every use, handle it carefully, and keep it

in repair. The materials mentioned (and, of course, others as perfected for specific purposes) can be had at all good seed and garden supply stores. Directions are given on or in the package by all responsible manufacturers and should be followed. As they are reasonably priced, it is well to buy a fresh supply each year. While only a few are poisonous, keep them locked up, away from children and pets. The above formulas leave no dangerous residue, but it is good practice to wash all fruit to be eaten raw if it has been sprayed.

For best results, combine the program with garden sanitation, gathering and burning each fall the waste fruit, leaves, and litter around the trees, and removing from old trees, and burning the loose, dead bark which harbors pests.



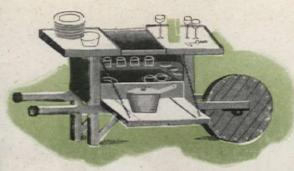
PATTERN ORDER FORM, PAGE 73

AMERICAN HOME PATTERN A-867, 206

Portable Wheelbarrow Server is ideal for barbecue or terrace, for it has shelf for glasses, space for dishes and cutlery, removable tray, opens at top and side, and provides table area when closed. Construction details and scale drawings



Designed by Harold Wallis Steck

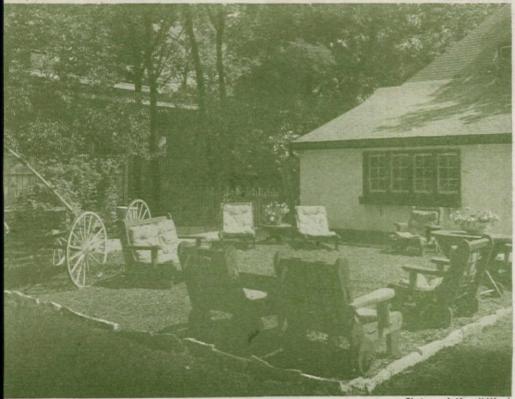


LIST OF STORES FEATURING THE AMERICAN HOME OF THE MONTH ON PAGE 101 SPOTLIGHT

mer! Our American craftsmen have designed so many enchanting and practical things for our living out-ofdoors that the old back yard will look better to us this year than ever before. There are rich, lustrous ceramics, attractive table essentials, furniture for maximum comfort, and fireplaces with equipment to satisfy everyone. Thoroughly enjoy this area for living, and make it really yours by doing as much of the work and planning as you possibly can. THE AMERICAN HOME Patterns presented on these pages, especially designed for you, will give you this opportunity. "Never waste, and you will never want," is fittingly said of garden furnishings, for paint and new decorations will restore many a piece of furniture that looked like "a gonner" at last season's end. For protecting this year's restoration work, and less preparation for next summer, wood-rot preservative, canvas paints, and rust remover will do the trick!

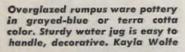
TH, what a beautiful day is sum-

Patterned



For their terrace in Glencoe, Illinois the B. H. Molners use cedar bark flooring, comfortable redwood furniture, flagstone fireplace, with old carriage and window boxes filled with geraniums and vines

Photograph Nowell Ward,





Fiberglas - interlined picnic and shopping bag preserves frozen foods for eight hours. Aeronautical Supplies, Inc.



Photographs F. M. Demarest

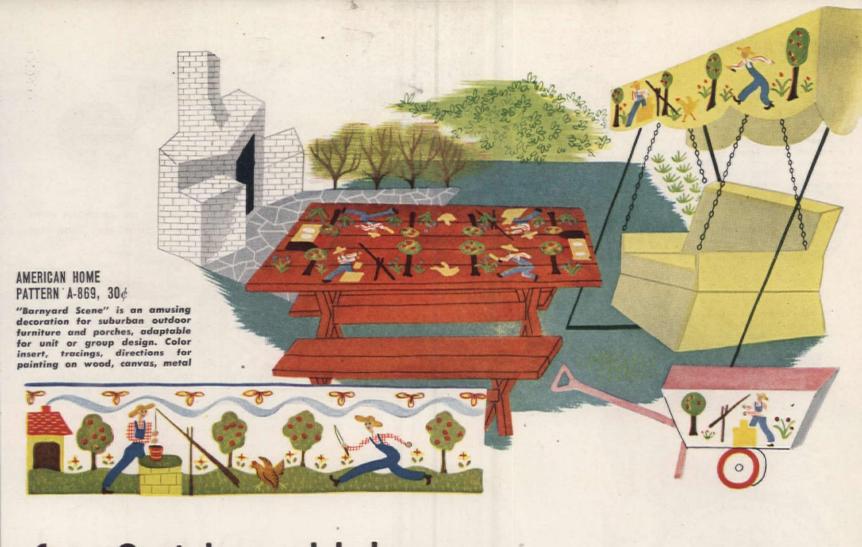


AMERICAN HOME PATTERN A-868, 30¢ Portable Bar on caster wheels measures 25" high, 2' wide, 15½" deep. Grooved shelves securely hold 12 glasses and 4 bottles, and hold 12 glasses and 4 bottles, and has two drawers with space for ice pail. It is perfectly designed for apartment, terrace, or game room. Comprehensive drawings, construction details, full pattern

Drawings by Tom Funk

Designed by H. Louise Taylor

A favorite with the younger crowd is this beverage set with hep-cat jargon. Bowl and mugs have brown mat-glazing on the outside and brilliant turquoise lining. From Vicky Ceramics

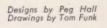


for Outdoor Living



Danish Peasant design fits standardsized salad bowl, cutlery tray, and knife rack. Red, yellow, greens, brown, white and blues beautifully blend with any color scheme. Tray

blend with any color scheme. Tray
may be used on a barbecue table for holding
bottled condiments,
hors d'oeuvres or glasses. Color insert, tracings, painting details



AMERICAN HOME PATTERN A-871, 30¢

These gorgeous Butterflies are best described by Swinburne's "so pert, so painted, so proud, so pretty." Handsome for table linens, painting under glass table tops or trays, canvas chairs and umbrellas. Tracings and full directions





AMERIGAN HOME PATTERN A-872, 30¢

Bulbous clown faces peer from bottom of salad bowls and hang on kitchen or breakfast-nook wall when not in use. Painting directions, tracings, color insert



Informal glazed pottery dinnerware in blue and white "Toledo" pattern. Chalice Studio



Smiley Burnett's barbecue and outdoor dining room is built for hospitality de luxe. The huge lazy-susan table has center portion mounted on rollers, and seats sixteen



Hand-painted glazed colors on "Grand Canyon" terra-cotta dinnerware; Polly D'Ardis Wilson



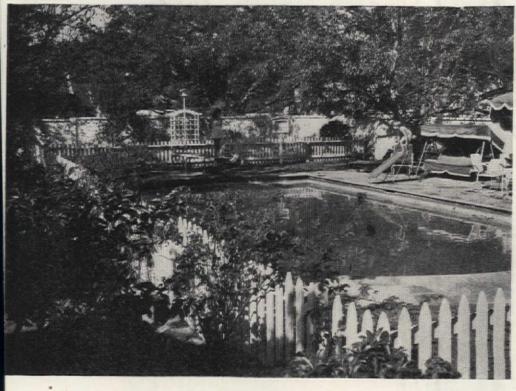
Photographs F. M. Demare Crackled glazed pottery, terra-cotta and chartreuse design. Merrill Sales Company

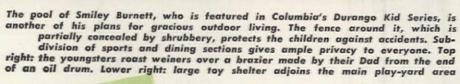


AMERICAN HOME PATTERN A-873, 35¢

"Denizens-of-the-Deep" find a natural habitat on heavy cotton table mats, napkins, glass or wood table tops, canvas chairs and umbrellas. Motifs painted on white, or white on color background are strikingly effective for outdoor accouterments. Complete pattern details Designed by Peg Hall

CONVENIENT PATTERN ORDER FORM ON PAGE 73









for Comfort Out of Doors

uxurious comfort for all the family; nnerspring, plastic-coated cushions, djustable backs. Vincent-McCall Co. Comfortable wrought-iron furniture with an elegance suited to formal gardens, is easy to clean and weather-resistant. Lujo Craft



Pasadena Relaxer, made of lightweight aluminum, has headrest and colored cushions; Reynolds Metals Co. Barbecue set and easy chair on wheels is designed for the Junior crowd by Stylewood of California



Barbecue Patio Wagon, shown in Paramount's "Popular Science" is complete with accessories. Everlast Metal Products Corp.

> Chaise longue and table are of light-stained pine, glazed with white. Moistureproof fabrics come in lush colors. Ficks Reed

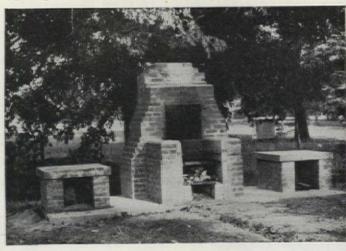






AMERICAN HOME PATTERN A-876, 20¢

Edgar A. Hodson's practical barbecue has warming oven, open grill and two worktables. Construction details



for Meals Out of Doors PATTERN ORDER FORM ON PAGE 73

Bob Stahr

Peration Barbecue," as we called it, turned out to be the major campaign in our back yard last summer. The whole family sat in on the selection of a design, and we finally agreed on an American Home pattern. We particularly liked the space for firewood, the three different levels for grills and the high chimney—having been practically smoked out at other grills that had no chimneys. We then worked out several changes, and where the original plan called for slate stone shelves over the wood boxes and the grill, we decided to use ceramic tiles, because they are easy to clean, and decorative.

Not having any real experience in engineering work of this kind, there proved to be many more different types of activity in building a barbecue than I had thought. When I had dug below the frost line, Dad helped me fill the yawning chasm with cinders, which were to provide drainage, and so prevent heaving by frost. After leveling off the cinders about eight inches below the ground surface, we began work on the concrete foundation block. We made a bottomless wooden box for the form. If the concrete base for the barbecue was to be level, our form had to be level also, so I spent some time with a level and square, getting all four sides evenly lined up with one another. I then put stakes outside at strategic points to keep the sides of the form from being bowed out with the weight of the concrete. Vigorously working the point of a heavy trowel along the side of the form, so that no air pockets would form and leave pits in the concrete later, we finished off the surface by sliding a straight board along it, to push off excess concrete and to fill depressions. In a day or two our "Rock of Gibraltar" was ready, and it was a really smooth job, too!

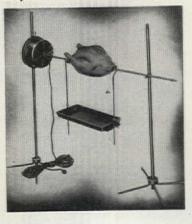
While the concrete base of the barbecue was setting, I had gone over to a new house under construction, to pick up some pointers on bricklaying. The masons made it look so ridiculously simple, with their knowing touch, but I'll never forget the first brick I tried to cut in two with a trowel. The masons did it with one deft whack of the trowel, but I hammered until my wrist







Kasson Electric Bar-B-Q is placed over grill; no tedious hand-turning of spit. General Die & Stamping Co.



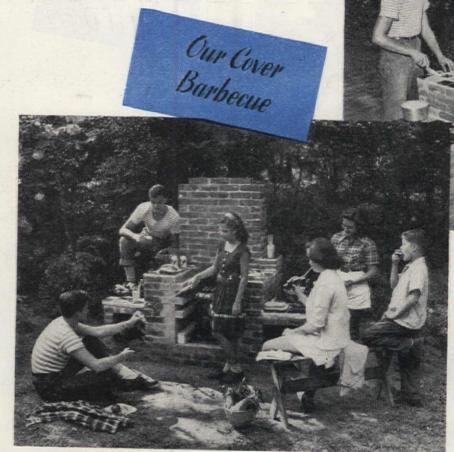
AMERICAN HOME PATTERN A-877, 20ϕ : Easy-to-build fireplace, designed by the Staff of the Finger Lakes State Parks Commission. Full construction data

Bob Stahr, a high-school student of Larchmont, N.Y. tells how he built a barbecue with the help of his sister, friends, and an American Home Pattern

was ready to break, and wondered if it wouldn't be easier for an amateur to bite the brick in two. I actually succeeded after a while, in cutting a brick with only two or three blows.

The firebox took the most pains because the special fire bricks were larger, heavier, and harder to cut than regular brick, and the fire clay mixture was more difficult to work with, due to its having no sand, giving it a tendency to stick to our fingers and trowels. Our chief problem was getting the right slant to the floor of the firebox, so that rain would drain out of it. As with the rest of the barbecue, we used the level continually, to keep every brick straight and square with the bricks around it. Making the three projecting ledges in the box level, was important, too, so that the metal grill would fit properly on any one of them. Surfaces on the shelves at each side of the firebox were finished off flat with cement, which formed an excellent base when we came to apply the tile later. The wood boxes at each side, went up quickly, and in a total of about four working days we had the entire structure finished except for the chimney. This went up in one afternoon, because we did not need to cut any of the bricks.

Now, we cemented flat flagstones over the wood boxes and got ready for the tiling. After doing so much work with brick, it was a pleasure to handle the beautiful, uniform, glossy tiles. I set the tiles with a rich mixture of cement and fine sand, afterwards filling in between them with a special white mortar, and later putting tiles on the floor of the two woodboxes



AMERICAN HOME PATTERN A-874, 20¢ scale drawings, construction details, list of materials required, and complete data for Our Cover Barbecue



The pit is now below frost level, and ready for the three cubic yards of cinders required to provide drainage and to prevent heaving by frost



After flagstones are

cemented on the tops of the wood boxes

and shelves, they are

covered with uniform, glossy ceramic

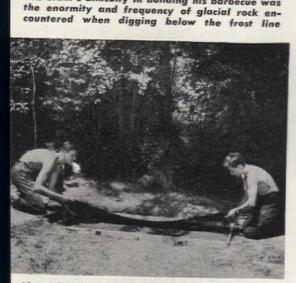
tiles and applied with an adhesive

mixture of cement

and fine sand. The spaces in between the tiles are filled

with white mortar

Cinders are leveled off 8" below surface, four level sides make form for concrete, stakes prevent bowing from weight of cement



Bob Stahr's difficulty in building his barbecue was

After slightly more than half the concrete has been poured into the form, a wire mesh is laid over this, and the additional cement then added



When the form is packed with cement, the surface is finished off by sliding a straight board along it, pushing off excess, and filling in depressions



Bob's and Judy's concentrated effort and routine soon began to show results as the barbecue took on recognizable shape



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Yes—Nu-Wood Interior Finish does three big jobs in making your home more beautiful and more livable! This multiple-purpose wall and ceiling covering creates new beauty because of its velvety texture ... its varied patterns... its soft glowing colors! But Nu-Wood does far more than decorate. It hushes unwelcome noise—creates restful quiet. It is high in insulating efficiency to make your house cooler in summer, warmer in winter.

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Address....

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for Living Out of Doors

Here is a simple way to solve your outdoor cooking problems. Build a concrete frame around the assembled oven unit.
Outdoor Fireplace Co.

Johnson Picnic Stove and Incinerator, fully equipped and works like a charm

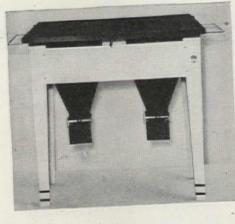


Swedish two-tined fork and spatula of metal and wrought iron are designed, handmade by Roadside Craftsmen



Insulated food chest, 11" x 221/2" x 151/2", enamel finish; Hemp & Company. Pail cover of fiberglas insulation, efficiently stores frozen, hot foods; Plastic Sheet Fabrication, Inc. Aluminum vacuum ice preserver, holds 3 qts. Everlast Metal Products

"The Fiesta" is handy for terrace or lawn; measures 26" x 28"; two burners for the charcoal. Unadco Manufacturing Co.

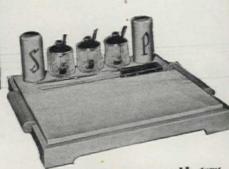




Dress up your kitchen or picnic table with Olde Thompson "Gourmet Plastic" salt and pepper sets that stimulate ribbed barrels. Nicely assorted colors



Wooden sait and pepper sets with painted faces; Charcoal Charlie. Aluminum pepper and salts 4½" high, pour freely, stand firmly; Everlast Metal Products Company



Mammy Pepper in her flowered apron and bandana; The Old Salt in striped shirt and suspenders; glazed pottery animal figurines. Morroco by Chalice Studio

Cutting and serving board becomes a portable tray with pepper, salt, jars, knives. Home Equipment Co.

THE AMERICAN HOME, MAY, 1947



through a day of comfort deep"

Through a night of blessed sleep

With a powerful Rheem attic fan renovating and "re-conditioning" the airthe house remains a haven of cool comfort ven through broiling days.

With a quiet Rheem attic fan running all nightthere's no hot, day-old air to rob you of needed, blissful sleep. Fresh night air moves through every room.



through a home where breezes sweep

With a steady Rheem attic fan changing the air once a minute-

temperatures and tempers stay down, though outside thermometers climb!



at a price that's not too steel

Best news of all: Rheem's "air-reconditioning" attic fan needs no elaborate installation. Through steady movement, cool air drives out hot. Wonderful, comfortable, economical.



living in dampness or desert heat? No matter. Life can be comfortable, thanks to home cooling by Rheem. In damp heatthe Rheem attic fan sweeps out all hot, humid air. In dry heat —the Rheem evaporative cooler humidifies as it cools. Result: "re-conditioned air" . . . blessed relief from sweltering heat. So get ready now for summer comfort . . . see your local dealer today. More information? - write Rheem, 570 Lexington Ave.,

ATTIC FAN

For humid climates: Easily installed in the attic; pulls cool, fresh air through the house. sizes: 7,000 to 21,500



EVAPORATIVE COOLER

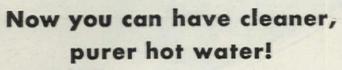
For arid climates: Easily installed in a window midifies as it cools the fresh, sizes: 1,250 to 5,000 cubic feet per minute.

... making houses into homes

SEND FOR BEAUTIFUL FREE NEW BOOKLET: "How to make your bouse a bome with RHEEM appliances



7.0 plants in U.S.A.—Sydney, Melbo Rio de Janeiro—Sin



"Packaged-in-Glass" Hot Water

This new discovery puts an end to your troubles with tank rust that ruins clean laundry ... corrosion dirt that stains both water and fixtures.

No Rusting-No Corroding

Proved by tests with all kinds of waters—the Permaglas Water Heater CANNOT rust or corrode under any water condition!

Its tank is glass-fused-to-steel, mirror-smooth and sparkling blue . . . sanitary as a clean drinking glass.

Fully automatic, gas or electric, a *Permaglas* Water Heater will give you years of truly carefree hot-water convenience... and all the clean hot water you *need*, now or in the future, for the newest kitchen and laundry appliances.

At leading public utilities, merchant plumbers and better appliance dealers, or write the nearest office be-

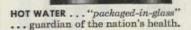
low for complete information.



SMOOTH BEAUTY No exterior controls and gadgets to get in the way. REAR-VU CONNECTIONS No unsight-

REAR-VU CONNECTIONS No unsightly top pipes to drip and stain.

NO LEGS Handsome pyramid base; hidden jacks keep the heater level.



Manufacturers also of the famous Duraclad Automatic Storage Water Heaters—zinc lined for economy and dependable service.



SMITHWAY WATER HEATERS

A. O. SMITH Corporation • New York 17 • Atlanta 3 • Chicago 4 • Houston 2

Seattle 1 • Los Angeles 14 • International Division: Milwaukee 1

Licensee in Canada: John Inglis Co., Limited



Masslinn nonwoven fabric napkins are soft, absorbent, economically disposable. From Chicopee Sales Co.



New line of Redwing Pottery has unique shapes and exciting colors. The designer, Eva S. Zeisel, mixes colors, such as bronze gun-metal, reddish-brown, wheat and white



Nicely finished, hand-decorated scalloped salad bowl and round wood serving tray; White Studio

Glazed pottery butter dish; green husks, corncob cover, with pat of butter handle. Vicky Ceramics

Get MORE with THOR ...



Just ONE streamlined cabinet



Just ONE tireless mechanism



But TWO Washing Units . . . Switch Them In 1½ Minutes





Automagic DISH Washer

Automagic CLOTHES Washer

You don't need rinse tubs. You won't go near a wringer. Yet Thor's agitator action washes clothes cleaner than any other method we have tested.

No chance of dingy washes with your Thor Automagic. Agitator action opens every fold to fresh, hot suds...Two kinds of rinses float out soap and soil...an automagic spin-dry whirls heaviest pieces 20% better than wringer-dry. All you do is click a dial! You get more with Thor...in every way!

AUTOMAGIC WASHER

No part of the That that touches clothes ever touches dishes



1. Clothes and dishes are washed in separate units (entirely different) that slip in or out easily.



2. Takes just 1½ minutes to make the change from Clothes Washer unit to Dish-



3. A touch of this one dial operates (by turn) both the Clothes Washer and Dishwasher units.



4. Easily installed in kitchen, utility room or basement. No bolting down, no excessive weight—no vibration!

Only Thor's controlled washing action permits such gentle cleansing for dishes . . . such power for pots and pans. And with so little hot water!

In just five minutes and with only four quarts of hot water, you'll wash and rinse a table service for six in your Thor Dishwasher.

And you control the force of the cleansing sprays that put a sparkle on dishes, a gleam on pots and pans.

Safe, simple...and your hands never touch dishwater!

Remember . . . You Can Buy Your Thor Three Ways

With the Thor Automagic you use a wonderful motor and mechanism 365 days a year, instead of just one day a week... you get two fine washers for little more than the cost of one. And you can start right out with the Combination or buy your Thor as a Clothes Washer only... or a Dishwasher only... and add the extra unit whenever you like.

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Plants in Chicago, Ill.; Bloomington, Ill.; El Monte, Calif.;

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THE NEW

OUTDOOR FIREPLACE

THIS SUMMER enjoy your home to its fullest! Let an Outdoor Oven Fireplace transform your garden or yard into a wonderful sky-canopied room for living . . . dining . . . entertaining.

HUSBANDS can't resist playing chef! Broiled steaks, roasted oysters, barbecued pork, even crunchy, brown biscuits ... the amazing Outdoor Oven Fireplace cooks 'em all with indoor ease and irresistible outdoor flavor.

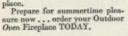
WIVES find entertaining a holiday! No involved meals before the party... or dishes to wash and rooms to tidy after. The Outdoor Oven Fireplace creates a mood so informal and friendly that guests are enchanted. And children love it! Outdoors they can romp, play and have just as much fun as grown-ups.

THE OUTDOOR OVEN FIREPLACE has revolutionized outdoor cooking . . . patented construction eliminates excessive smoke and assures satisfactory fire always. Uses any solid fuel. Built of heavy-gauge steel, this outstanding fireplace features:



ADDING YOUR OWN BRICK OR STONEWORK IS FUN

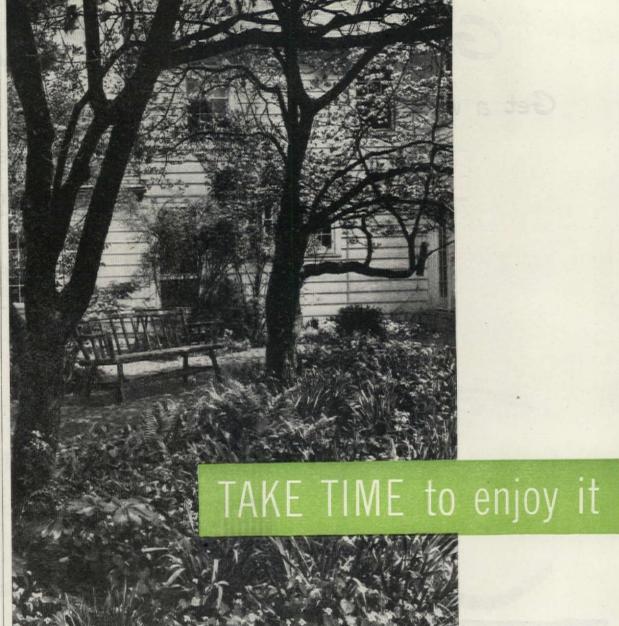
Your Outdoor Oven Fireplace comes assembled and ready to set on a solid base. Then, building a really professional fireplace is east because the unit is entirely selfcontained and functions independently of the masonry. Drawings showing several interesting treatments come with each Fireplace.





If your local dealer can't supply you—use the coupon below for immediate delivery.

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Enclosed find check or door Oven Fireplace (Hartford; \$46.50 FOB	money order for one Out- wt. 120 lbs.) \$44.50 FOB Chicago.
*If within 10 days after	er receiving I am not satis- replace and money will be



Gottscho-Schleisner

G. T. Kellogg

You get out of your garden? Is it the maximum enjoyment that can come from seeing your plants and flowers thrive? Or does the upkeep of your grounds, the planting, cultivating, and fostering of your flower and vegetable plots, sometimes become a headache?

If, like me, you are an average suburban gardener, who puts in his five-days-a-week at the office and tries to keep his place in shape in what time there is left (after the usual family and social amenities), you probably have often felt, during the growing season, that the home chores were entirely too onerous; that you were trying to spread yourself too thin. You get up on a Saturday morning with an already developed sense of frustration, wondering how you will ever attend to all the things that want doing. The Missus may note that the lawn is awfully ragged; that the weeds are threatening to overwhelm the baby boxwood hedge; that if the arborvitae isn't cut back, "we won't be able to see out the windows," and so on. You admit all that, but point out that if there are going to be any beans on the shelf (or in the freezer) next winter, the rows must be dusted before the beetles destroy all chance of a harvest; that the tomatoes must be tied up, or mulched; that several crops need cultivating, and-well, "there's just so doggoned much to do, I don't know where to start!"

Such the events and symptoms that often lead to the "breakdown" of a previously serene suburbanite. So

my experience may offer some tips that will help you get more enjoyment from your garden, and less mental fatigue. Oh yes, there are times when I lose my Pollyanna approach to a week-end's tasks; but for the most part, I briskly tackle one of the toughest, line up the rest according to their importance, then pause for a while in the glider in the shade to enjoy a little satisfaction at what I have accomplished. While I rest, I think about new things I discovered in the garden-all sorts of cheerful developments that provide a very real (and relaxed) way to enjoy the garden. Soon, refreshed by contemplating the fruits, real and anticipated, of my labors, I go forth to conquer the next most urgent job. . . . Which brings me to my "system", which enables me to get maximum pleasure from my place while feeling like the lord of the manor rather than its slave.

To describe it, I'll start Monday morning with my customary pre-breakfast stroll about the grounds. I eye with satisfaction the work done over the week end, and in my notebook, jot down an occasional reminder: "Weed roses" (spears of grass are coming up through the mulch) . . . "Stake hollyhocks" (over by the fence they're leaning a bit) . . "Clean up around trees" (didn't finish doing it when I mowed the lawn Saturday) . . . "Pinch back mums" (to keep them bushy), and so on. Meanwhile, on another page I note any cheerful rewarding discoveries—buds just ready to open on those special snapdragons, beans ready to pick, etc.





For one, the golden hour has just begun...for the other, it still lives brightly though fifty years have passed.

Sweet dreams will be theirs tonight—dreams the sweeter for the comfort of fine sheets. In Pacific Sheets the service and comfort qualities are in perfect proportion. The lovely

smoothness and whiteness steal none of their strength; the firm construction detracts nothing from their inviting softness. They're made the *balanced* way!

Pacific Balanced Sheets are sold in one fine store in each community. Ask for them by name when you shop.

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Pacific Mills, 214 Church Street, New York 13



When breakfast call comes, in I go. (If I track a little soil and grass clippings into the kitchen, I silence, or at least soften, the protests by reporting on what I have observed, for the Missus is as interested as I am.) Over our bacon and eggs and coffee we share the thrill of our garden progress. Here, lest I have given the impression that ours is an "estate," let me state that it's just an ordinary 60 x 190 ft. lot, with the rear 50 ft. given over to the former victory garden, now the "food garden.". Well, breakfast over, the notebook is laid aside until evening or the next morning, and I'm off to the office.

That (usually repeated each work-day morning with minor variations) is the first step in my system. Sometimes the Missus shares my early stroll; if not, she gets out in the garden during the day, and will pick a few flowers or, maybe, pull some of the most noticeable weeds. Tuesday morning I may note that summer squash will be ready for Sunday dinner, or that the platycodons need stakes. But enough of note-taking; as a gardener, you'll know what to add to the "needs doing" list.



Well, then, on Thursday or Friday evening, I go through my accumulated daily memoranda, consolidate them roughly and, with the co-operation of the Missus (while she darns my socks or mends a rip in my garden pants), number the various items consecutively, in the order of their importance. Big jobs, which take several hours of concentrated labor, like cultivating, pruning the shrubs, mowing the lawn, etc., according to the season, get highest priority. Staking a plant here and there, odd bits of thinning or transplanting, etc., land way down on the list.

Comes Saturday morning, and the inspection trip is omitted. After a leisurely breakfast, the revised and numbered list of jobs is tacked up on the back porch, and the No. 1 job is tackled. If it's pruning the weigela and honeysuckle bushes, t means first a trip to the basement for pruning shears, knife, and a small saw—whatever is going to be needed. Half-an-hour's work and I've put part of the shrubs in good shape; so I warm up a cup of coffee left from breakfast and, as I sip it, note with

satisfaction the improved appearance and prospects of the specimens. Then back to work and, by II o'clock, the first big task is behind me. That's a good time to step back to the porch -to see what comes next and, perhaps, to join the Missus (who has come to a logical stopping place in her chores) in iced tea and a cigarette. Then at the lawn (after, of course, cleaning and putting away the pruning tools), and so brisk do I feel. that the rear yard is finished by the time I am called to a welcome lunch. . . . The mowing is finished shortly before three, and with the two biggest items crossed off, there's a lot of the day left. Before I tackle the bean dusting, we may take a fifteen minute tour of our "acres," to get quite up to date, compare the looks of our vegetable patch with those of our neighbor's, and gather a few gladiolus for the house. It's a pleasant interlude and prevents that all too common feeling of being harried and pressed all the time.

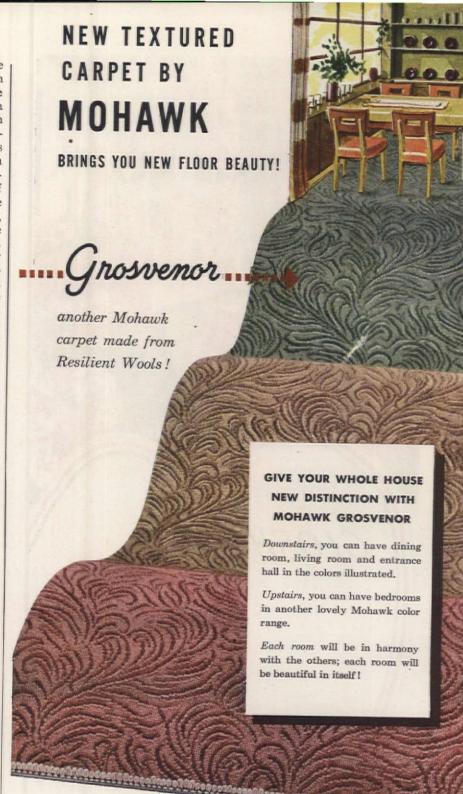
Getting the duster off its rack, filling it, and treating some 200 feet of bean rows takes less than half an hour and, meantime, the Missus has completed her housework schedule and made a good start on No. 4 priority job-weeding the flower beds along the driveway. Before long we are down to the ten and fifteen minute jobs, three or four of which we clean up in time to decide, a little before five o'clock, that we've done enough, and why not have an early dinner and go to the movies? The list, which was so formidable in the morning, is, by this time, wellscratched out; we have had a good day; we have accomplished a lot; we're not too tired-and both of us are definitely happy.

This recital of the course of a typical week has been set down in detail to establish the point that, by systematizing your plans for doing the work required to keep your home and grounds in shape, you can definitely avoid and escape that harried Saturday morning feeling.

And what about those items left on the list when we decided to call it a day? Well, tomorrow is Sunday and, since they are little jobs, such as edging the flower beds and fixing the gate catch, I can do one or more of them before church, and then have the afternoon for resting.

I have purposely omitted, up to this point, any reference to week-day evenings and their possibilities for getting things done. Those evenings when I don't feel like it (and there are likely to be one or two each week), I don't attempt, any garden work at all. Other times, I pick up last week's list and if there is an odd task or so left undone, I can easily clear it up. And, of course, if they are all disposed of, well, I started a new list Monday morning, and there's nothing to prevent my making advance inroads on that.

So much for the "things-to-do" notes made during morning inspection



At last you can get a textured carpet that's definitely different—and beautiful for any room in the house!

The new Mohawk Grosvenor has a softly sculptured look; at the same time gives a charming needlepoint effect. It comes in lovely Mohawk Foundation colors. And like all Mohawk carpets, it's made of *Resilient* Wools—wools with the sturdiness and stamina to give years of beautiful service!



MOHAWK

RUGS and CARPETS

Beauty that endures



"Minuet" and "Minuet Rose," Glosheen's Better Homes and Gardens Sister Prints, dance into your bedroom with a music-making color-scheme . . . wall tones of subtle chartreuse, swirling flounces of jewel-bright fuchsia lifted right from the prints' bright colors. And Glosheen's dancing beauty is Bonded there to stay—that lustrous finish is woven in, those lilting shades guaranteed by the Waverly* Bond to wash, to

clean, to hang in the sun and keep their

*Reg. Trademarks

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Nama

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Sta Sta

strolls. Now a word more about the "discoveries" which contribute as much to our garden enjoyment as does our priority system. Once a week, or oftener, I assemble the jottings I have made about the garden's progress, and enter them in my garden record—a small loose-leaf book alphabetically indexed from Althea to Zinnia. I keep track of planting dates for the vegetables and flowers, when they appear, start blooming, etc .all the "vital statistics" that determine the garden's success and reflect the influence of weather and other seasonal factors. It takes only a few minutes to do the actual recording, but if you start such a book, you'll find yourself spending considerably more time than that on it, because of the interest and pleasure there is in comparing this season's progress with that of other years. One season my corn may be ready for use 63 days from sowing; the next year it may take 72 days-yet, it's the same variety, in the same garden, and with the same maturity period (according to the seed catalogue description).

This, to me, is one of the best phases of garden enjoyment; and it can take as much or as little time as one wants to-or can afford to-devote to it. Of course, professional and expert gardeners know all these things. And even you and I realize that plant progress varies from year to year. But the keeping of an accurate record—both of what your plants do and of what you do for thembrings these natural phenomena right into your own experience. And you can enjoy them over and over, throughout the winter months, as, for instance, you begin to look forward to the spring days when, as the book says, you can hope to see the first crocus appearing; or when a chance note reminds you of those raggedy, lavender heads of bergamot that will be waving in the breeze next summer.

I even keep a record of how many times I mow the lawn each summer, and the dates. You will be surprised at the variation, depending, of course, on the lateness of the spring, the amount of rain, etc. At least, I am, though I realize that it depends somewhat on my own ability, my free time and, of course, my inclination to get around to it. And, naturally, the efficiency of my priority system.

Well, that's about all there is to it: The story of how one suburbanite has not only conquered "Saturday morning frustration," but also developed a method of getting fuller pleasure from his garden the year around by taking time—or, rather, by making time to thoroughly enjoy it.



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Picturesque fishing villages nestling against
the mighty St. Lawrence, century old farm houses
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 hospitality of Quebec's modern inns and hotels.
For maps and booklets write PROVINCE OF QUEBEC
 TOURIST BUREAU, Quebec City, Canada.





keep them Clean!
Carbon from smoke and auto-

Carbon from smoke and automobile exhausts floats in through windows and doors and is tracked in on shoes. Each tiny particle clings. It holds dust and dirt and your rugs become dingy and dull.

Powder-ene loosens carbon and dirt, enabling your vacuum cleaner to remove both and bring back like-new beauty and freshness.

Powder-ene is easy to use. It saves work: No liquids! No suds! No scrubbing on hands and knees. Just sprinkle it on. Brush it in. Let it stand. Then vacuum as usual to remove the sooty carbon and the dirt it has held.

Use Powder-ene often where shoes track in dirt. It does not leave rings—does not fade colors—does not remove twist. It cannot harm any floor covering.

Get Powder-ene right away . . . in bright blue cans, at department, furniture, hardware or other stores.



VON SCHRADER MANUFACTURING CO. RACINE - WISCONSIN - U.S.A.

THE AMERICAN HOME, MAY, 1947

a little extra GLASS means

a lot of extra charm!



HELP! PERFUME OVERBOARD! But no . . . don't worry about the fine finish of your vanity . . . it won't be ruined if it is topped with sparkling Plate Glass. Handsome furniture tops of Pittsburgh Polished Plate Glass protect furniture from stains, burns, scratches, tumbler rings... and what's more, they're very smart.



LADIES LIKE to look well-groomed. That's why style-conscious mothers and daughters demand full-length Plate Glass door mirrors. (Note: full-length = at least 5½ feet tall.)



TO FLATTER A FIREPLACE . . . and wake up your whole living room . . . you can't beat a beautiful mantel mirror* of Pittsburgh Plate Glass. It steps up the decorative tempo wonderfully . . . adds warmth, color, light, and the illusion of greater spaciousness . . . makes your chimney-corner glow with glamour.



A FRAMED MIRROR* many a time, can save a room from dullness, rescue a wall expanse from monotony. The "bull's-eye" is popular. But there are many other styles, shapes, sizes.

WAYS TO USE GLASS IN YOUR NEW HOME



LARGE INSULATED WINDOWS...with Twindow, Pittsburgh's new window with built-in insulation. Cuts heating costs, eliminates downdrafts, virtually prevents steamed or frosted windows.



LOVELY WALLS for your bathroom or kitchen with Carrara Structural Glass. Polished, elegant, agelessly beautiful . . . and easy to clean. Carrara Glass comes in ten pleasing colors.



AN INVITING ENTRANCE... with modern, good-looking PC Glass Blocks around the front door. They beautify, insulate, transmit daylight. And they preserve privacy, too.

LOOK FOR THIS MARK OF GOOD PLATE GLASS

*You can get these starred items at your favorite department or furniture store.

A little extra glass means a lot of extra charm in your home. And when you buy glass ... furniture tops, mirrors, or windows . . . you can be sure you're getting quality glass if you look for the blue "Pittsburgh" Label. Why not write us today for your copy of our free book on how to use glass in your home? It contains ideas for old homes and new, suggestions for every room in the house. It's packed with illustrations in full color. To get your free copy, address Pittsburgh Plate Glass Company, 2096-7 Grant Building, Pittsburgh 19, Pa.



"PITTS BURGH" stands for Quality Glass and Paint

PITTSBURGH PLATE GLASS COMPANY



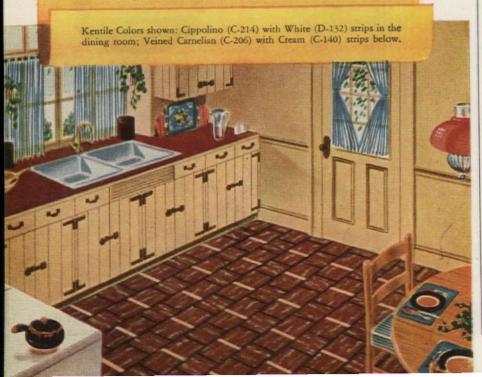
Just look what you can do to your floors . . . by holding out for Kentile! You can give them spirit-lifting beauty and smart design—plus colors that harmonize with your decor—because Kentile is laid tile by tile, never in sheets. And you can give yourself freedom from fuss, work and worry, too. For Kentile never shows scuffs or scars or the usual cooking accidents . . . never asks for anything more than soap-and-water mopping with an occasional waxing for extra sparkle. It even takes the punishment you give to basement playroom floors . . . or the dirt trekked into foyers. Kentile also feels good underfoot and is non-skidding. It's

been the pride of architects for 18 years (used all that time in the nation's busiest buildings). It's coming your way now—for the floors of



modern minded homes. Get all the Kentile facts—from your flooring merchant. David E. Kennedy, Inc., established 1899.

Are Miracles of Cleaning Ease!





Wilcox Gay Recordio

Most doctors, you'll find, are social lions. So am I. It's not because doctors—or I—are particularly scintillating. We're tolerated because we have something to offer. Notice a doctor at a social gathering. Sooner or later you'll see him forced into a corner with some voluble matron, making sympathetic noises and peering down her throat. Being a veteran of the radio industry of some 25 years and vice-president of a radio manufacturing company, I have a similar cross to bear. I can always be found at any party, coatless, crouched down, peering and prying into the insides of my host's radio.

It happens again and again—and thereby hangs a tale. It has taught me things about radios I could never learn in an engineering laboratory.

Any radio set is actually a miracle of scientific achievement. Most people recognize that. But few think of a radio set as a personality—a personality with human troubles and human foibles. After a set is bought and taken home, it usually assumes the personality of its master.

For example, some people never bother to learn what the carefully placed knobs on their radio sets are for. Thus the "tone control" is frequently used for "volume." Or "volume" is frequently used instead of "station selector." It is a lazy habit to compensate for poor adjustment by turning up the volume control. These little tricks, which impose undue wear and tear on a set, gradually impair its performance.

Or—consider a young matron we know who carries her set around from room to room in the house as she moves about her daily chores. No wonder her radio keeps breaking down. Too much "traveling" and constant change of position are certain to be disastrous for any set.

The jarring adversely affects the elements of the vacuum tube. Filaments and grids are placed in the tube so they are microscopic spaces apart—but just enough so they avoid each other. Excessive jarring causes

them to make contact with each other

Radios

Are

and the result is tube failure.

In addition, the vibration of components changes their exact line up with relation to each other and eliminates the precise adjustment needed to give good reception. Instead you get crackling noises and sudden loud

or soft changes in volume.

It isn't fair to give the radio a



Philco



General Elect

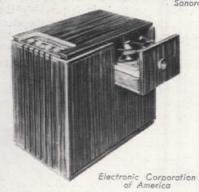


THE AMERICAN HOME, MAY, 1

Jack Geartner

Human!







Stewart-Warner















"I don't know how she does it! Always on the go ...zipping around the house, out with the young-sters, or off on a shopping expedition as General Purchasing Agent for the family. (No wonder she needs good sound sleep to relax her from each day's fatigue and restore her energy for another active tomorrow.) And boy, does she know values! When we bought new mattresses and box springs, she had them tell her the 'inside story' of mattress value and comfort.

That's why she selected Spring-Air, with the extra-long-life Karr innerspring construction. She certainly got 'irresistible comfort' for us . . . we 'Sleep Right—Wake up Bright'. Believe me, that wife of mine knows her stuff!"

(Indeed she does, for despite materials shortages, Spring-Air has not lowered quality standards in order to maintain production, and will not do so. You may not be able to find Spring-Air at once, but when you do, you can be sure of full-value and "irresistible comfort.")





Every Spring-Air is made with the famous Karr inner-spring construction, using as many as nine different type coils, each performing its own part in "controlled comfort"... assuring individual comfort regardless of the sleeper's weight.



...look at the design, ticking, vents, grips, tailoring. Sit on it, feel it ... test it in any way you wish ... you'll find Spring-Air tops, inside and out! When you sleep on Spring-Air, you'll know you chose wisely.

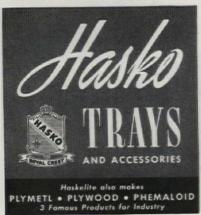
SPRING AIR COMPANY . HOLLAND, MICH.



ina

Hasko Trays are the "picture" of elegance. They lend background and color to the simplest setting . . . and they add that quality touch to a formal "big moment." Smart, indeed, is the hostess who knows that Hospitality starts with a capital H-ASKO! See them at Department, Gift or Fine Jewelry Stores. They come in many different sizes and styles . . . and their beautiful gift packages are surpassed only by the elegant design of the trays themselves.

HASKELITE MANUFACTURING CORP. Dept. 145, 135 S. La Salle St., Chicago 3, Ill.



completely untarnished halo. I have known some sets to behave irrationally. Once a table-model radio in a friend's home went dead in the middle of the third round of a championship fight. With tension heavy, this was a catastrophe. One of the guests, in somewhat miscalculated anger, landed a right on the set that would have sent a normal radio down for the count. Instead of being groggy, the set picked up clearly and without static, and performed through the rest of the fight with the aplomb of a champion. Most radio technicians, of











course, would not recommend this method as patent medicine. One man, in desperation, brought his

radio to a local repair shop. He painstakingly explained to the serviceman that, in investigating the reason for his set's poor tone, he noticed the paper cone in the loud speaker was loose and vibrating. With what he thought was sound common sense, he poured rubber cement over it, fastening it down very tightly. Instead of improving, the tone went completely dead. He simply could not understand it. To get the punch line over quicklythe fact is, unless the cone vibrates, there is no tone. It is precisely the vibration which transforms the electrical waves into audible sound.

Probably the most common evil among radio users is the refusal to read the instructions that every manufacturer supplies with his sets. This is too bad. For example, high up on the instruction sheet is the warning about using the set only on the current indicated. Equipment designed for AC will immediately burn out if it is plugged into DC. It cannot be fixed, and the only thing left is "a rock, a rope and a river."

My wife remembers most clearly

the night we finally managed to retire at an early hour. It was something of an achievement, because for weeks before I was up midnight after midnight working on a new line of sets. At eleven o'clock the telephone shattered our sleep. It was a friend who exclaimed in panic that the record changer on his combination set had gone haywire and was crazily tossing records across the room, smashing them to bits. This friend is a musician. He was scheduled to demonstrate some records the following morning, and it was most important for him to have his phonograph in perfect working condition. In addition, he was petrified by the insane behavior of the instrument.

Martyrdom is not one of my strong points-but I admit it was with a feeling of noble resignation that I got up, dressed, and stumbled off to meet the challenge.

What I found proves again the truth of "As goes the master, so goes the radio." The record changer had a pair of spring fingers that automatically selected and rejected records. The rejecter was not releasing records properly. My friend, who has absolutely no technical familiarity with the











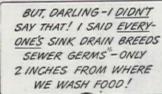




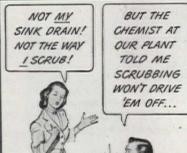












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TO BOIL OUT FILTHY SEWER
GERMS - AND MAKE OUR
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Drano MAKES SEPTIC TANKS WORK BETTER-CUTS DOWN ODORS

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problem, naturally decided to fix it. He fixed it with such determination that every time the arm traveled toward the rejecter, it galloped with the fury of angry gods, and hit the backstop with such tremendous force that the records were hurled right across the living room.

Needless to say, the instruction book he got with his set stated in simple, clear language, "all adjustments must be made *only* by competent technicians."

One friend recently complained bitterly about a reputable local repair shop. He said he had purchased new tubes there at a considerable cost but the set still performed very badly.

A look at the set turned up a different story. Instead of taking the receiver intact to the shop, the man had removed the old tubes and inserted the new ones himself. But he placed them in the wrong sockets, so that the amplifying tube was in the rectifying socket and the rectifying tube was in the amplifying socket and so on. Naturally, it gave poor tone.

At one time, each socket would accommodate only the tube designated for it. Sockets in present-day receivers, however, accommodate almost any tube, and the inexperienced layman has but a slim chance of knowing exactly what tube goes where.

Mice sometimes cause shorting of radio sets. They think the inside of a radio is the perfect place to live and raise a family. However, they eat the insulation off the wires, and sooner or later come in contact with a live wire and get electrocuted. Bad for the mouse, yes. But worse for your radio.

Housewives, who like the entertainment of the radio while they work in the kitchen, often place the set on top of the refrigerator. The vibration of the icebox affects the set. Eventually, the internal factory adjustments become out of order, and the repair business continues to thrive.

Strictly from an engineering viewpoint, the incident that had the greatest impact on my mind is something that was experienced by one of our company engineers. In this particular case no one was at fault.

This young man, a highly competent technician, was called in once to try and unravel some trouble that baffled and stumped several reliable local repairmen. The set in question was an expensive, remote-control model. It was stationed in the foyer of an apartment, and the owners operated it from the living room by a remote-control device. The trouble was that suddenly, without warning, the selector would leap from a station to one of its own choice. After a while this would be repeated-after dashing up and down the dial range it would stop at another station. All this took place without anyone touching either the set or the remote controls.

At first, the people of the house simply thought it needed technical adjustment. But when the servicemen could do nothing—and what's more could find absolutely nothing wrong with the set—they began to revive



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windows open wide. Jir thought it couldn't be done because he didn't know modern sash hardware. But the architect specified Grand Rapids Invizible Sash Balances. They're hidden in the sash—nothing to catch dirt or paint. And they work like a charm. When there's a breeze. I get my share. I get my share. I and the view is so much better!"

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Peter Putter's philosophy is typically American: homespun and sound as a dollar. He believes that people are proud of their homes; and proud of their prowess in keeping up those homes. He believes that people get a big kick doing their own odd jobs and saving good money in the process. For example:

Take those caked-up paint brushes huddled away in attic or garage. Useless? Yes. Hopeless? No. An overnight-bath of SAVABRUSH gives them a new lease on life. Dissolves paint, varnish, shellac, enamel. Makes bristles good-as-new!



And that unsightly crack in plaster, wallboard, woodwork. It's a cinch when

you have **SCHALK'S CRACK FILLER** on tap. All you add is water! Won't shrink; dries hard; won't crack or crumble.



Want to avoid that sad sing-song, "The varnish didn't dry?" Then take

this tip: always use **WAXOFF** before you start. Soap and water won't remove wax, polish, dirt. Waxoff will! Result: the varnish or enamel is sure to dry.

JUST OFF THE PRESS PETER PUTTER'S TESTED RECIPES FOR HOME REPAIR



Let Peter Putter take you backstage and show you the "expert" tricks he uses to keep Home Upkeep down. This little coupon can save you big dollars. Mail it now to Schalk Chemical Company, 351 East Second Street, Los Angeles 12, California.

ADDRESS

"Yehudi" and speculate about drolls.

The solution-it was practical but still dramatic-was found by the young engineer. His sensitive, trained ear became aware that the set acted up when the elevator was running. Investigating this clue, he discovered that by rare coincidence the electrical impulses created by the operation of the elevator motor were spaced exactly at the distance required to operate the set. Every time the elevator was in motion, it set off the radio selector and, since the elevator in a large apartment house is almost in constant use, the radio had no rest from its crazy careening. To get an idea of the odd coincidence-if the impulses had been even 2000ths of a second different in spacing, this incident would never have happened.

The trouble was fixed by means of electrical filters, attached under the elevator floor, which took care of the interference at its source.

For people who will insist on mistreating their radios there is at least this small consolation—most radio ailments can be repaired.

But there is one ailment no technician can cure. I call it "The Case of the Seasonal Affliction" and perhaps it belongs more rightly in the realms of social ethics. Some people insist on playing their radios good and loud after 12 o'clock at night. In winter this is not too bad. But in the summer, wide open windows carry the sound outside and disturb neighbors who might want to sleep. Alert technicians have figured out how to deal with this problem in short order. A simple device which creates electrical interference when attached to a wall outlet will quickly discourage any near-by radios from giving good performances. In fact, the only thing these radios will do is glug, pffft, screech. As a result, the 12 o'clock player gives up, turns off the radio and no doubt starts thinking about switching to a manufacturer's brand that will give more than just "seasonal" performance. We know, of course, that all he has to do for satisfactory reception is close his windows or observe the II o'clock rule.

And so these are some of the things I've learned, jacketless, crouching down on my hands and knees peering into my hosts' radios. Perhaps, if some of my friends read this, they will take pity on me, and I may be given the chance to end up a social evening in my jacket, next to a radio, instead of with my head in it.

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Illinois Home of Mr. and Mrs. R. J. Rohrer-Arthur Bohnen, designer-builder

The Rohrers Choose Modern



Photographs by Charles H. Keller

Jerry Rohrer relaxes in his room. Modern in color, walls are terra cotta, stripe is green and white

Ruth W. Lee

In the fast-growing suburb of Glenview, not far from Chicago, there is an increasing number of small modern homes. Most of them have been built by young married couples like the R. J. Rohrers, who have moved from apartments in Evanston. Here they can give their children the advantages of free play, companionship, and all comforts of an efficiently planned modern house.

The exterior of the Rohrer house is of cement blocks. Quite wisely, the Rohrers and their builder, Arthur Bohnen, selected these because they suit the simple lines of contemporary design, because they are economical, and because their construction provides excellent insulation.

The one-story wing of the house, with its open entrance terrace, houses the living end of the combination living-dining room. The low, long group

THE AMERICAN HOME, MAY, 1947



of windows lights Mr. Rohrer's basement studio—he is a commercial artist. Above the attached garage is a sun deck which serves both the upstairs master bedroom and nursery.

The simple, modern furnishings are in complete harmony with the design of the interiors. There is a feeling of repose and unity in this large living-dining room, thanks to the soft pastel colors and the well-chosen accessories. Walls are gray-green; ceiling is white, matching the white plaster of the fireplace and its white stone hearth.

The wall-to-wall carpeting is limegreen wool in an uncut loop texture. The bleached mahogany chairs and low table harmonize with the natural birch fireplace shelf and open bookshelves. There is a note of warmth in the rose textured-cotton fireside chairs, and a sharp contrast in the ebony piano, which is well placed near the front picture window.

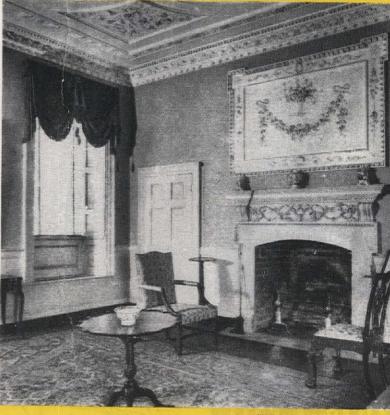
At the left is the single step to the entrance doorway which, in turn, serves as the landing of the stairway leading to the bedrooms.

Opposite the entrance doorway is this large corner window curtained





A Gallery of American Windows



VIRGINIA CONSERVATION COMMISSIO

It isn't only for "modern"—visitors to the wonderful restorations of colonial Virginia homes know that Venetian blinds give authentic beauty and correct "in-period" treatment to "traditional" rooms and fine period furniture. This is the Great Room at Kenmore, in Fredericksburg, built in 1752, the bridal home of George Washington's sister, Betty Washington Lewis.

How to buy Steel Venetian Blinds

Chances are, you want Venetian blinds for the windows of your home.

You know how to tell quality in fabrics, glassware, and furniture—but do you know how to judge quality in steel blinds?

The highest quality steel blinds are made with galvanized, bonderized flexible steel slats. Here's why:

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You will want steel for convenience and lasting beauty. The beautiful finish stands up under hard wear. Flexible slats bend easily for cleaning.

Of course, you can't tell just by looking at it if a slat is galvanized, bonderized steel, so insist on some assurance when you buy. Here is one easy way to judge:

Look for the "yellow-and-black seal with the flower on the window sill" shown below. It is one quick, sure way to identify blinds made with galvanized, bonderized steel, for quality and lasting beauty.

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in dull gold cotton fabric. The draperies are made to hang from ceiling to floor, and give dramatic depth to the window. The sectional sofa, with its great corner table, is a favorite reading spot of young Jerry Rohrer.

Carrying out the same soft pastels in wood and fabrics, the dining end of the room continues the modern treatment of the decorative scheme. One wall is covered in a bamboo screen highlighted with framed oriental prints. Draperies at the French doors leading to the garden are a grayblue and rose-patterned chintz. The blue of the chintz is repeated in the textured-cloth covering the dining-chair seats and backs. The table is of bleached mahogany.

Young Jerry's room is definitely boyish and foolproof. Terra-cotta walls are enlivened by a white scalloped wood valance around the room and draperies of green-and-white striped awning cloth. Bedspread of the bunk-bed is of heavy green gabardine with a white rope trim. The beige Klearflax rug, natural unpainted chests, and natural birch wood doors and woodwork are appropriately youthful and sturdy. Ample cupboard and closet space, as well as open shelves, help to keep toys and clothes both neat and accessible.

In the master bedroom (shown on page 66) Mrs. Rohrer planned the colors of the decorative scheme and made the bedspreads herself. She also quilted the headboards, made the dust ruffles and draperies. On the floor is a pale green wool rug and a pair of small, shaggy beige scatter rugs. Walls are painted gray; ceiling is white. Back of the beds, the wall is painted with a wide stripe of yellow and gray. The attractive draperies are yellow taffeta with swags, over white organdy glass curtains.

The headboards of the beds are tufted green-and-yellow chintz, matching the green biscuit-tufted boudoir chair. Bedspreads and dust ruffles are white gabardine with green piping. The sliding birch doors of the wardrobe enclose a voluminous amount of storage space, and are one of the most efficient features of the house.

Mrs. Rohrer planned their small kitchen (not illustrated) for maximum efficiency, for gaiety-with its sharp, bright colors, and for family "quickies" like breakfast and midafternoon coffee. The floor is sensibly covered in asphalt tile in mottled black and white. The walls are painted a hard gloss white; they are always crisp and fresh looking, and the glossy finish makes them easy to wipe clean with a sponge. There is a built-in breakfast bench covered in bright yellow leatherette. Mrs. Rohrer picked up this bright yellow again and had the ceiling painted that color. There are a couple of small stools done in leatherette, which are handy to swing up to the sink for the morning chores of washing dishes or peeling vegetables. There is a scalloped wood valance at the window, and from it hang curtains made of cotton printed in a green climbing-ivy pattern.



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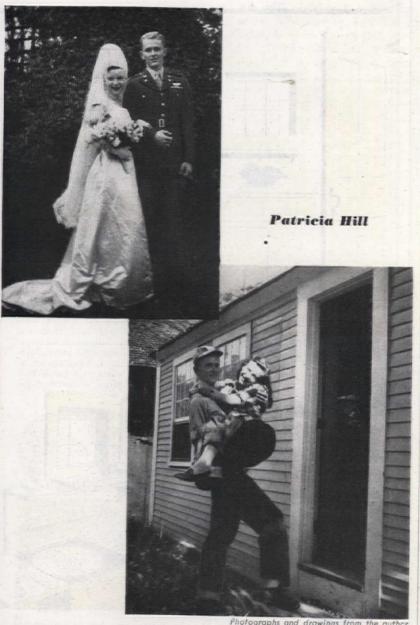
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THE AMERICAN HOME, MAY, 1947



Over the Threshold

T was an indifferent and self-sufficient little four-room house, and it could get along very well without us. But we couldn't seem to manage without it-because a veteran with a bride, and four years of college ahead, can't be too choosey about the kind of a structure he has to call home. Our hearts were set on modern: we signed for Colonial. There the house sat, snug and somnolent in the



New England countryside, guarded by two large sugar maples.

The self-sufficiency of the cottage ended once you stepped into the chaos of the main room. Can you picture the confusion? A dangerously cracked ceiling had been pulled down, and plaster and laths littered the gaudy, rotted linoleum. The crossbeams were ugly in their nakedness; cobwebs and dirt dripped from them. Here and there a corncob protruded from a dispossessed rat's nest. If the beams seemed hopeless, what of the strawberry-patterned wallpaper that flapped disconsolately from the crumbling plaster wall? And that was not all. The heavy, boxed-in iron sink contemptuously defied our dreams of a streamlined kitchen. For a prominent eyesore, it was hideously well placed, right there in the main room. But perhaps we were too critical, for the past tenants had even had a huge iron cook stove centered in the room.

With only slightly less apprehension, we looked at the other three rooms. Here, paint and wallpaper



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Debbie's dolly had a party, Dolly spilled her tea!



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Time for cleaning windows came, but Where, oh where was Bob!



Mom got WINDEX. Bob says now He likes to do the job.



Grandpa, on the mantel, looked So old and gray. But then . . .



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Spray it on, and wipe it off, WINDEX is so quick!



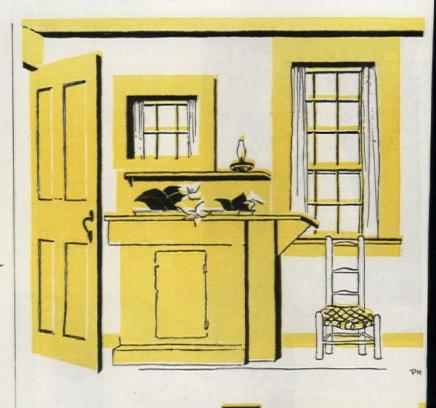
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COSTS LESS THAN A PENNY PER WINDOW—EVEN THRIFTIER IN THE BIG 20-OUNCE SIZE

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The black iron sink is no longer a blemish: a board top in two sections was fitted over it to provide a sideboard, space for a dishpan, and extra space for dirty dishes, all in one unit



The living room boasts a hand-braide rug, a quaint old melodeon (co \$10.00!), plus a sawbuck table ladder-back chairs, pine book cabine



merely held forth in colorful confusion. The plaster was intact. We sighed, and decided to begin there.

We chose the smallest of the three rooms for a corner bedroom, and subdued it with tranquil turquoise paint. But no sooner had we erected a bed, than we had to send to his ancestors a woodchuck, who had moved in directly beneath us. In the opposit which boasted a good-sized windo We painted it a greenish off-white reflect light, and to promote an il sion of coolness. Then we added three-burner kerosene stove, and a chored to the wall a tiny half-tab The closet became a diminutive b



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workable kitchen. Our predecessors' front parlor, enjoying ideal north light, was converted into a studio.

Still we were faced with the problem of the chaotic main room. We tried to evade it by going on long walks, but it was always there flaunting its squalor when we returned. Above our heads, the attic flooring was a crazy quilt of decaying old boards and brash new ones, punctuated by chinks of light from an assortment of gaps and empty knotholes. At last, straddling the beams above my head, my husband went to work, in 108 degrees of summer heat, ripping out the old flooring. Wherever the boards were full length and of even edge, he relaid the better and wider ones. Meanwhile, I worked below. disconcerting as it was to have a board crash down beside me. I dismissed the episode as irrelevant byplay. Whenever the planks did not have full length, my husband joined identical widths directly above the beams. The attic floor had now become our new ceiling.

An old man's garret, carpeted with drying butternuts, gave us the chance to try out a formula for stain. For six hours we boiled and simmered a tubful of butternut shells. Then, after brushing, we stained with the nut solution each ceiling board, before it was nailed in place. The juice sank in without leaving the artificial wax residue of a commercial stain, and matched perfectly the supporting beams.

Those same supporting crossbeams, visually ineffective in their two-inch widths, at least revealed rich tints when experimentally brushed down. However, the one immediately parallel to the long wall added to the general disfigurement of the room by being more than absurdly slight for its purpose. Many hours of patient labor with a cross-cut saw got a false beam-front into the gap between the long wall and the board.

Still the relationship between the ceiling and the walls was not complete, because the torn-out ceiling laths had left a jagged gash, an inch or two in width, marring the room. So, I mounted the stepladder and filled this in with patching plaster. Without the gash, the room became an entity.

At this point, I even had courage to tackle the walls. That simple little room was no place for runaway strawberry vines. We bought a quickdrying, white water-base paint, knowing all the time that a pure, dead white was too stark and too dressy a contrast for the warm tints of the





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hand-hewn beams. Again the butternut stain came to our rescue. With the juice as a solvent, and a slight dash of pink, an off-white tone was achieved that gave the walls depth.

I scraped down six coats of paint on the door, and found the original color. It was an off-shade of green. Mixing brilliant Killarney green, raw umber, yellow and white in oil-base paints gave us a counterpart of the old color to apply to doors, window frames, and baseboards. Old barn red accents the inside of the china closet and the sink area.

The rat holes were blocked with kindling wood, the iron stove was gone, the strawberries were obliterated, but we still had the black iron sink. My husband went to work on it. Soon I was shown the reconverted sink, combining a sideboard or bar, a sink and washstand in one unit. He fitted a board top, divided in two sections, onto the sink. When half of this is removed, the space accommodates a dishpan; the remaining section doubles the room available for dirty dishes. When the sink is not in use, we put back the half cover.

THE room seemed about ready for furniture. But it wasn't. The linoleum slopped up the floor like dishwater. I wanted to remove it, and won out against my husband, who was sure it had been laid for a purpose-to cover a multitude of worm holes and cracks. Once the linoleum was removed, the best we could say for the old floor was that ski boots would be very much at home there.

The total of \$15.19 is against an estimated \$150.00, which a professional job could have cost:

Paintbrushes	\$1.13
Paint	
Putty and knife	.52
Patching plaster	
Sandpaper	.15
Stain (butternut shells)	
Lumber	00.00
Labor	00.00

Total-\$15.19

The room is furnished with a sawbuck table and benches, a few small, ladder-back chairs, and the pine book cabinet, costing all of \$2.50. The little antique clock sits with dignified, locked paws on a shelf between the two front windows. A small, brown earthenware bean pot can hold flowers. An unfinished maple sugar bucket from the attic makes a charming scrap basket. A guest bed, with the head and foot sawed off, doubles as a daytime sofa. Curtains almost had us stumped. Then we found some old bed sheets. Their flat-white tone brings out the warm dust hue of the walls, not to mention doing a good job of reflecting kerosene lamplight at night. We thought we had completed the room when we laid down a secondhand braided rug, but a quaint melodeon caught our eye. With the bellows reconditioned, the instrument provides fun and real music.

Perhaps after all, the house needed us as much as we needed it.

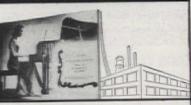


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THIS EASY, SAFE WAY!
MYSTIC FOAM is fun to use—even a child gets expert results. No Muss—fuss—or Dust. Non-inflammable, non-explosive, non-poisonous.
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ngs, or your ands. • cold coast to coast y all good dept., erdware, grocery ad paint stores. your dealer can't upply you, send 11.00 to MYSTIC FOAM, Cleveland 4, Ohio for ½ gal. an prepaid.





Fire Prevention IN THE HOME

DESTRUCTION by fire in the United States neared record levels during 1946, with total losses estimated by the National Board of Fire Underwriters at \$561,487,000, an increase of 23.3 per cent over 1945.

Fire-protection engineers have found that one reason for the increase in home fires is the housing shortage. With thousands of families doubling up, and other thousands residing in temporary housing, many safety standards have been relaxed. Overcrowding means increased fire hazards, such as cramped storage space, accumulation of trash, additional smokers, and overloading of electrical systems. Families who have been forced to seek new quarters while repairs are being made, also complicate the housing situation. Last year fire destroyed enough lumber to build 215,-000 new five-room houses.

Three out of four fires of known causes start through carelessness, negligence, or inattention. Experts believe that nine out of ten of these fires are preventable by cautious habits and good housekeeping. Because most of you are doing your house cleaning about now, we give you these spring clean-up suggestions for helping to prevent fires in your home.

1. Heating plants and chimneys should be checked to eliminate dirty, defective equipment. Check the smokepipe for holes through which sparks might fly. If chimney is cracked or if mortar is damaged, have repairs made. Look for beams or partitions that are blackened by heat.

2. Inspect your electrical systems, and make sure that no circuit is overloaded, and that proper ampere fuse is being used. Make sure electrical cords are not frayed, cracked, or badly worn, and are not connected to one outlet, or placed under rugs.

3. Clean out any papers, trash or discarded materials in attics, closets, cellars. Keep paint, oil rags, mops outdoors or in a tightly closed metal can until you dispose of them.

4. Never use gasoline, benzine, or any explosive cleaner.

5. Don't burn trash, leaves, or papers unless they're completely enclosed in a stout wire screen placed a safe distance away from the house. EVERYDAY FIRE PREVENTION TIPS.

1. Don't leave children in the home, unattended, with matches within reach.

2. Don't use kerosene or similar materials to start or quicken fires.

3. Don't smoke in bed, and place plenty of ash trays around the house. Careless use of matches and smoking materials causes 30 per cent of all fires of known causes.

4. Don't look for, or attempt to repair gas leaks. Call gas company.

5. Keep screen before the fireplace.

You'll play your favorite music-



and hear richer, more glorious tones

The haunting note of a woodwind .. the ringing richness of brasses... full rounded tones, like a vocal chorus, swelling to fortissimohushing to a whisper.

These are the things you'll hear when you play the Hammond Organ. This is music's most glorious voice-so warm and colorful, so thrilling in its vast range of tones that it adds new breadth and beauty to any music you play.

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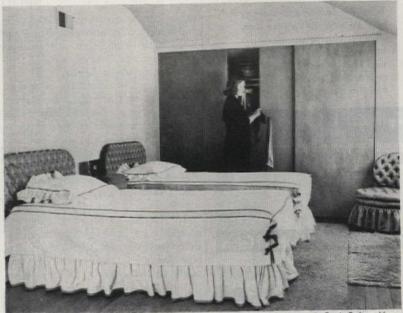
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SPRING FANCIES



HERE is a miscellany of decorating ideas for you which we have culled from our files to give you, perhaps, that added spur to satisfy the urge that comes with the springtime. The urge to seize a saw or hammer, a paintbrush, a needle, to make your house and your life just a bit more fun and more attractive.

James E. Munford gives a lift to an unpainted chest with concave plastic doll dishes used behind drawer pulls

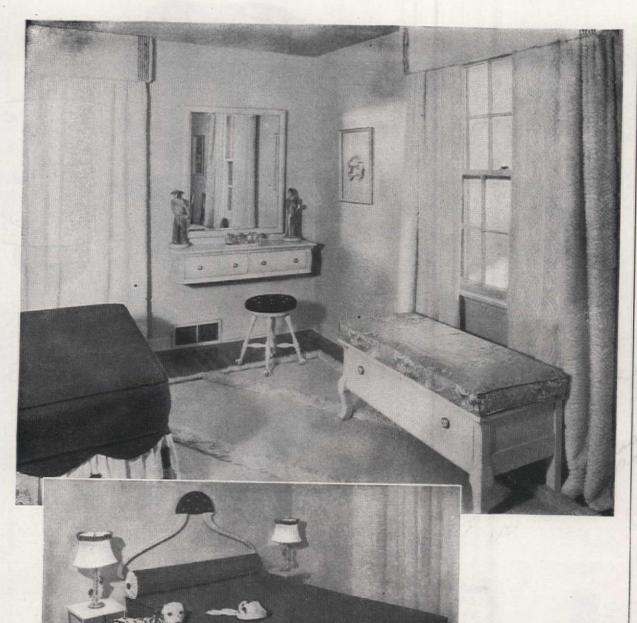


Bedroom in R. J. Rohrer Home

Even if you live in an old house with no closets, here's a wonderful way to gain wardrobe space. Steal twelve to eighteen inches off one bedroom, have the space enclosed with carpenter-built sliding doors



Paul Henried, a Warner Brothers star, has a bar in his Brentwood home made of sections of old barrels. Stained and polished, the iron hoops were replaced with brass, and the units can be folded shut on hinges



Old dresser base almost furnished this bedroom. Hanging dressing table, the bench on legs, and the scrolls forming the headboard were all once part of the dresser

Miss Madge Polk Townsley of Terre Haute, Indiana, writes us about three smart women who, after making three moves into three houses in three years, finally found a place they could call their own. They had asked house guests to visit them during the holidays; yet their guest room was as bare as Mother Hubbard's cupboard. Where would the guests sleep?

'This room," said Maryan, one of the three householders, "must not only be inviting; it must be unusual." There was a determined gleam in her eye.

Sure enough, two days later they heard the overworked chug of a motor in the driveway. It stopped with an asthmatic gasp and Maryan watched, while Grace and Margaret took a startled look out the window. What had once been a very elegant dresser was being unloaded. It was an old-fashioned, dark oak dresser still retaining a large, square mirror, but it was in excellent condition.

'Not that!" they exclaimed, for it was obviously about

to be deposited on their doorstep.
"Not that," repeated Maryan. "That is only the beginning, as any good showman would say. Time will tell, as you will soon see!" The refresher course for the guest

room began with much mixing and testing of paint for a gay chartreuse, which Maryan, with her own hands, brushed on the walls and woodwork. A large, white wool rug, which had already received much admiration and service, was stolen from one of the other rooms and placed on the floor, along with an ancient, but still quite useful, white Polar bear rug.

Next came the Hollywood bed (a box spring and mattress set on legs) which was measured for a royal purple felt covering which the three ladies cut and sewed at home. It took several evenings of work on the part of "The Big Three," as their friends sometimes called them, to attach large printed-cretonne bouquets of violet, pink and chartreuse carnations on the white dust ruffle of heavy material for the lower part of the bed. This job was not too tedious, they said, because they stitched in tune to a Heifetz violin concerto, Red Skelton, and other of their favorites on the radio.

White draperies were wanted for the windows, but finding them seemed hopeless. The dilemma vanished, however, when they found a pair of rich white candlewick bedspreads. They were wide enough to cut in two and



"Beautiful?" "Yes! HOW MUCH?" "GUESS!"



THE ANSWERS

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make a pair of draperies. The cornice boards were covered with the same material and narrow bands of purple felt were stitched at the ends.

When the proper time arrived, the dresser came in—in pieces. Each section had received a coat of pink paint. Its arms, now pink, which had held the sturdy mirror all through the years, were fastened to the wall on either side of the bed to support a half circle of purple felt, decorated in pink felt-covered buttons.

The original mirror was placed on the side wall. Under the mirror the upper drawers of the dresser were screwed securely to the wall by a confident carpenter. It was now a fascinating dressing table with two tall Chinese figures to decorate it. An old piano stool with pink legs and purple felt upholstery, was placed before it for a primping occupant.

The lower part of the dresser, including the bottom drawer, now does duty as a window seat. It has become a sturdy chest, painted pink with a pad on top of chartreuse chintz in a Chinese design. Antique glass knobs of pink and red indicate that this lower drawer can still be used to tuck away pillowcases and sheets.

The room has taken on a very smart look—homemade, perhaps, but still fresh and new and colorful.



For a windowless hallway or basement play room, hang four picture frames and paint a long silly dachshund in sections, his head in one frame, his tail in the other. In a den or rumpus room, paint oft-called telephone numbers on lamp shade

Drawings & Designs, Inc.



If your bathroom is old, run-down, and you don't care—why not paint muddy black footsteps on the floor leading up to the tub, and clean, white bare footprints marching gaily away? You've got to be a character to get away with this bit of nonsense!



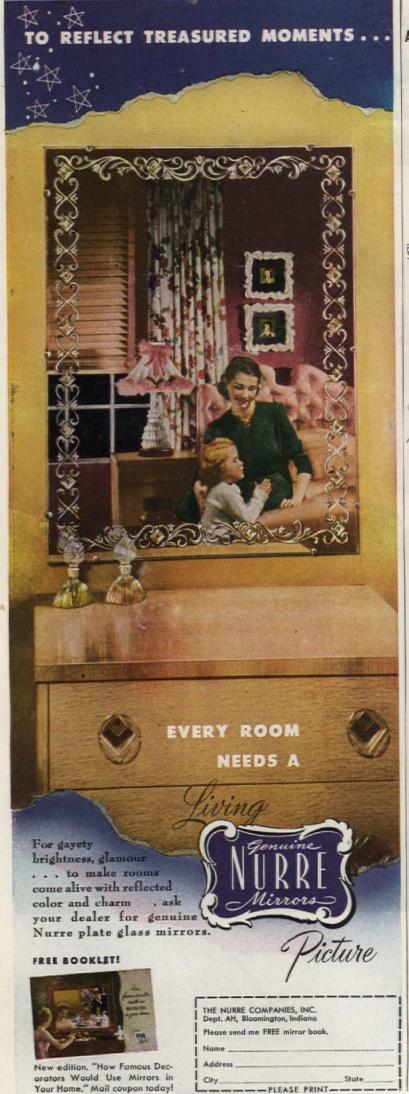
If your basement playroom is laced with steam pipes and there's a long "riser" connecting with your radiator, why not throw caution to the winds and paint all the pipes to look like snakes? Or do you still prefer your wild life on the outside?



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Cunning "Animal Crackers" of figured cottons, appliquéd on a crib quilt, has binding tape for crossbars and edging, with vertical quilting. Full pattern



Pattern Order Form on Page 73

The teen ager will love these

The teen ager will love these Pillow Kisses for her boudoir, made from round kapok pillows covered in pastel shades of sateen. Cut white organdy the size of your pillow, allowing for narrow hems on four sides and 6" to 8" for each ruffle. Sew snaps where needed, tie with colored satin ribbons



AMERICAN HOME PATTERN A-879, 20ϕ lce-cream cones and follipops of all flavors form a gala border over bathroom tiled walls, and can be painted on rubberized or cotton shower curtain and towels. Tracings, painting directions

Happiness Ahead. When Two Become One

What a wonderful moment for them both . . . when George lifts Janet across the threshold. When their life together really begins! It has to be a modest beginning, so they've planned carefully . . . wisely selecting furniture that can grow with their home . . .





"Honeymoon House" is a 1½-room apartment. Space is limited, so Janet and George start their Mengel group with "Mr. & Mrs." Chests that look like a sideboard, yet they provide ample storage space for personal as well as household things.





When little Janet comes . . . with the need for roomier quarters . . . they'll buy a Commode for a night-table; another to enlarge the Vanity. For George, a Chest-on-Chest. Simply and economically, their bedroom has grown with their home.





When they get a bedroom, Janet wants a Commode, a Vanity Table and Bench . . . a striking group, topped by a matching mirror. "Mr. & Mrs." Chests will move in. Twin Beds complete the picture. Mengel open stock design makes matching easy.





When they have a home of their own, they'll find even more advantages in this versatile furniture. Two Commodes and a Chest make a charming buffet. Add matching Table with Chairs . . . and presto! . . . they're ready for a snack or a feast!

We, at Mengel, had a wedding, too. For in this graceful group, the past and the present become one. The rich, traditional beauty of fine mahogany veneers blends with the crisp, clean lines of the modern age . . . to give you furniture with timeless beauty. Furniture that's right at home in any room . . . harmonizing either with traditional or modern interiors.

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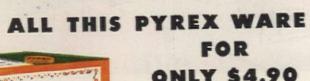
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FLAMEWARE

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Among many delightful things designed by Mr. John Bade for the nursery of his little daughter Lisa, are the Bunny lamp and Mother-Goose picture

Mr. and Mrs. John Bade have a charming home out on Long Island, within commuting distance of New York City, which is packed full of clever ideas that the two of them have actually worked out with their own hands. There was a small newcomer to the Bade family in the person of little Lisa, who is their second child. She arrived in this world with no worries concerning a housing shortage; her father had prepared a room that was to be all her own. He is clever at drawing ducks and bunnies and other animals right out of the storybooks. But he went a step farther to make a lamp for the nursery. He drew a large rabbit on ordinary plywood, cut it out with jig saw, and painted in the features. The bunny is wired for electricity and is topped off with the gayest hat a bunny ever wore. It is actually a lamp shade, and the baby's collection of rattles is hung upon it.

If you listen to the radio, you know who Lum and Abner are. Lum, who is Chester Lauck in private life, has a talented wife who is adept at matting and framing pictures for their house in California. Below, we show two of her latest efforts. In their breakfast room she matted a collection of antique prints, from an agricultural book, in the same gingham which forms a valance on a plate shelf. The roosters in the hallway are from an old English farm journal.





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(Patterns illustrated in this issue on pages 36, 37, 38, 40, 41, 70)

A-80/	Wheelbarrow Server	.20
□ A-868	Portable Bar	.30
A-869	Barnyard Scene	.30
☐ A-870	Danish Design	.20
A-871	Butterflies	.30
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A-875	California Barbecue	.20
☐ A-876	Fireplace, tables	.20
A-877	Picnic Fireplace	.20
☐ A-878	Animal Crackers	
	Crib Quilt	.20
☐ A-879	Lollipops and Ice-	
	Cream Cones	.20
(Pattern	adantable for author living	

☐ A-878	Animal Crackers	200
☐ A-879	Crib Quilt	.20
_ A-0/9		00
	Cream Cones	.20
(Patter	ns adaptable for outdoor liv	ing
no	t illustrated in this issue)	
TC17		
☐ C-17	Painted Penn. Dutch	-
□ 207	Tablecloth, Napkins.	.20
□ 207	Painted Table Mats	10
□ 229	Pennsylvania Dutch.	.15
	Painted Floral Glasses.	.10
231	Drum Tray, Glasses;	
□ 250	Building, Painting .	.10
□ 250	Painted Tablecloth,	-
T 4 404	Pennsylvania Dutch.	.20
☐ A-606	Picnic Table, Chair;	**
☐ A-649	Construction Pattern	.15
A-650	Adirondack Chairs	.20
☐ A-030	Serving Wagon;	
T A 652	Building, Painting	.15
☐ A-652	Sandbox, Slide, Pool:	or
☐ A-654	Building, Painting	.25
☐ A-034	Gymnasium, Swing;	00
☐ A-661	Building, Painting Crocheted Table Mats,	.25
☐ A-001	Class Haldan	20
☐ A-690	Glass Holders Utility Table; Bldg	.15
A-704	Contar Emit Design	.15
□ A-704	Center Fruit Design for Table	.20
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☐ A-739	Swedish Designs for	.20
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The feeling of cozy warmth is achieved by finishing the walls with Dusty Rose SPRED-Flat. Pleasing contrast is obtained with the nook walls in Peacock Blue SPRED-Flat. The ceiling color is an intermix of half Dusty Rose and half White SPRED-Flat, Woodwork is in White SPRED-Luster and floor in Mahogany Florenamel.

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Contains scores of brand new room color schemes and practical, useful ideas for remodelling with color using your present furnishings. 48 pages are beautifully

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SPRED-Flat \$3.49 a Gallon (6 qts. mixed) \$1.15 a Quart

AMERICAN HOMES



New York · Washington Alabama · New Jersey · California

As simple and direct as a modern abstract painting, the well-lighted entrance calls to mind many traditional farmhouse doorways

William J. Hennessey

New Jersey

there are many of us who, while appreciating the warm charm of traditional things, just cannot reconcile ourselves to a life that includes nothing but reminders of things past. Neither can we go overboard for everything modern, in spite of the excitement and logic behind much modern thought. In other words, we like compromise, realizing that there's plenty to be said for both sides. The gray clapboard house shown on these pages—called transitional design for lack of a better name—seems a pretty successful solution to our problem. Its lines are clean and trim. Certainly, there's a recollection of many of its New England forebears in the gabled ends and refined detail. But there's a difference, too. It borrows from the past without being an unimaginative carbon copy, and thereby satisfies the dual yearning for something that is partly old, yet offers something new.

White trim and dark green shutters add spice to the exteriors. The simple entrance treatment is as modern as a well-thought-out Mondrian painting, with its inspiration taken from many an Early American farmhouse doorway. It brightly lights the small entrance hall which so efficiently brings living room, kitchen, and powder room within a few feet of one another.



Neither carbon-copy traditional nor radically modern, the clean-cut,

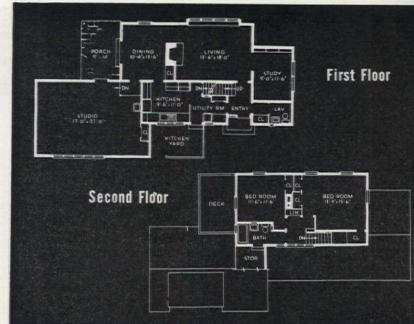


Floor-to-ceiling windows in the living room add to the open planning evident through the house . . . fireplace of painted brick conceals dining area

Home of Mr. and Mrs. Henri Bohenblust Princeton—Rudolf Mock, architect

The south wall of living and dining room is continuous, allowing both rooms to flow together with only the projecting fireplace as division. Mrs. Bohenblust is an artist, and so the north-lighted studio is a most necessary feature of the house plan. A study, too, is located on the first floor—a feature that might well be turned into a guest room, since the lavatory is very conveniently located and, with the addition of a connecting door, would afford any privacy desired. Privacy has been added to the drying yare by the happy location of the garage and its connecting, high board fence. This fence, almost self-effacing in its simplicity, forms the background for some interesting ground planting, and becomes an attractive and complementary feature of the front elevation of this charmingly dignified house.

The second floor is very compact, and doesn't cover as much area as the floor below. Here we find two bedrooms, each with cross-ventilation, one bath and plenty of closet space. Directly over the first-floor porch is an open deck which may be used for lounging or sleeping during warm summer nights. Throughout the house, we find wasted space at a minimum; every square inch has been drafted into useful and attractive service.

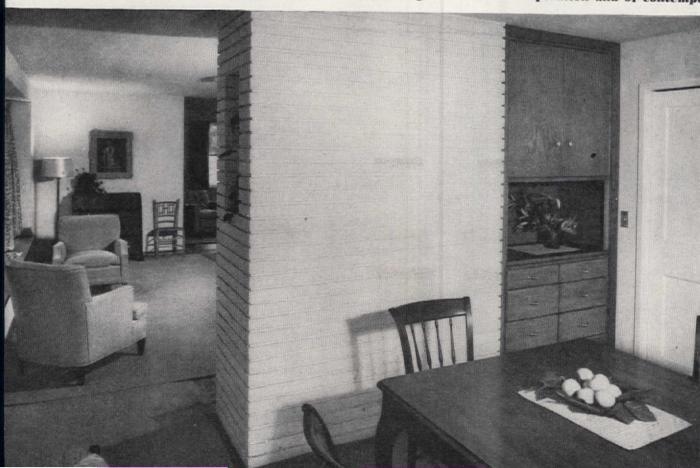


Photographs: Rodney McCay Morgan





direct lines of Bohenblust house exteriors are definitely Early American in inspiration and of contemporary appeal



Built-in cabinet is integral part of chimney on the dining-room side . . . cupboards for china, and glassware, the drawers below for silver and linen



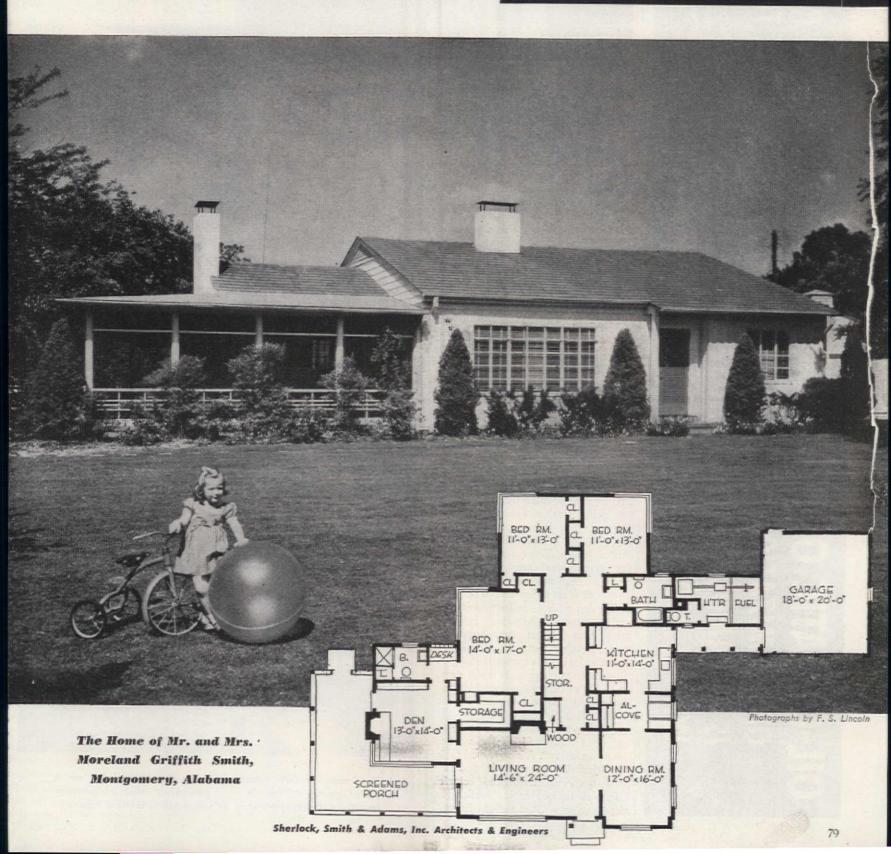
Once inside, we find a spacious living room with a large fireplace an beyond that, a study which doubles as a guest room. The bath in the studies also doubles as downstairs powder room. The living room has a large bay window on the south side and two large windows to the north, making it sunny, cheerful room at all times of the year. The kitchen, connected the garage by a breezeway, is located on the opposite side of the entranchall from the living room. A pantry of unusual proportions is used the storage of food and equipment, and also serves as a built-in doghous Actually, the two cocker spaniels have the run of the house and ground two doors, of proper dog size, are located in the pantry, one swings if for incoming spaniels and the other swings out. A continuous dorm across the rear of the house and two single dormers on the front, mal room for two 13' by 22' bedrooms on the second floor. Each bedroom ha large closet. There is a linen closet and bath on this floor as well.

WHEN an architect designs his own home, it's always an occasion for sitting up and taking notice. This month we have several such examples. Richard Pleger, whose home is shown on page 86, did the trick on a lot that was only 30 feet wide. Moreland Griffith Smith had no such restrictions to meet. He had plenty of land and so, a more expansive, rambling plan seemed a proper choice. All rooms are on one floor; all rooms have been arranged for maximum privacy. This has been accomplished by a series of small interior hallways which cut circulation into certain set patterns. For instance, access from the master bedroom to kitchen can be accomplished without disturbing the occupants of the living room. The adults may use the den and master bedroom without interfering with the youngsters entertaining in the living room. The den, too, may be drafted into service as an extra guest room, since it has been placed conveniently near a private bath. It is a large house, one designed for hospitality and expansive family living. In addition to a well-proportioned dining room, we find a breakfast room which

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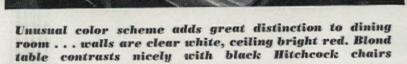
Gayly patterned wallpaper flanks simple yet dignified fireplace arrangement in living room . . . cactus green with accents of walnut brown are predominating colors . . . door leads into main hallway

may also serve as pantry, since it is located right next to the kitchen. A clever innovation is the hobby storage room off the den, where games and card tables may be neatly stacked out of sight. This is always a problem, especially in a home where there are children. Toys are usually bulky, cumbersome affairs at best, and are not provided for in house plans.

The exterior of this charming, loweaved house is of siding, painted white and accented by a brilliant red door. The roof is of metal shingles. Because a porch can be used the year round in this part of the country, we find an ample, L-shaped screened one forming an important part of the front elevation. Its roof, lower than that of the main building, does much to settle the house low into its level plot. In fact, horizontal lines have been stressed everywhere on the exterior. A two-car garage, connected with the main portion of the house by a heater room and service porch, adds to the sprawly effect.

Entrance to the house is directly into the living room, where, looking straight ahead, one sees a graceful fireplace surmounted by a large mirror which reaches to the ceiling. Cactus green is the predominating color in this room, with accents of walnut brown. The color, plus furniture arrangement, creates an atmosphere at once modern and homelike. Floors of main living rooms are oak.

The den, with its built-in bookcases and distinctive fireplace arrangement, has natural cypress-paneled walls. Here's a room for quiet study or for enjoying the companionship of a few intimate friends. It is not large, and it is convenient to porch, living room, and master bedroom. In the dining room we find an unusual, yet exciting use of color. As contrast to the clear white wall, the ceiling has been painted red. A blond wood table and black Hitchcock chairs add further to the unconventional, colorful effect. A built-in cabinet under the window stores silver and linens.





Den serves for small, informal gatherings or a quiet game of cards . . . paneling and bookcases in this attractive room of natural-finished cypress



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Washington

John T. Jacobsen, architect

in Point No Point

P. A. Dearborn

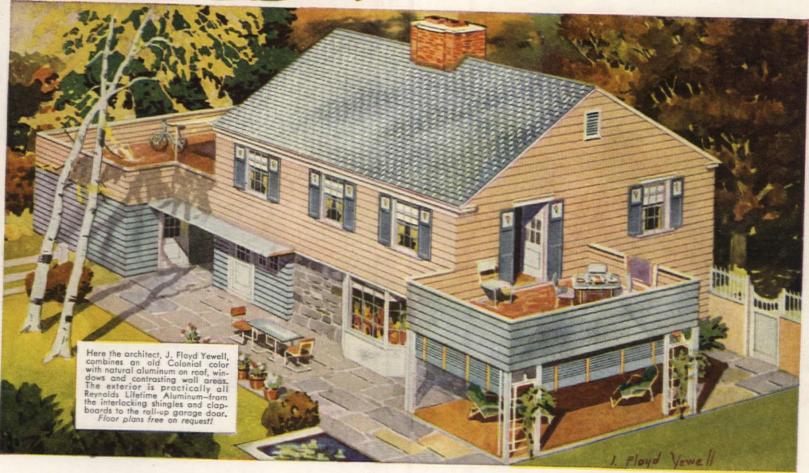
HEN the John N. Snapp family bought their old farm in 1930, they didn't realize that a brooder house would set their style of summer living. But that's just what happened! They much preferred life in the old brooder house to the conventional house on the property; it seemed to answer better the needs of two adults and three active boys. Twelve years later, when the youngsters and their many friends started to make the old house bulge at its seams, the Snapps sought the advice of their architect friend, Ted Jacobsen. They needed a new house, a bigger house, but what should it look like? They certainly were surprised when Mr. Jacobsen advised them to continue the chicken-house style of building since they had already established a precedent. Today, with the interiors still unfinished, the Snapps are glad that they followed his advice. They like the friendly look of its barn-red board-and-batten exterior, its rambling plan and, especially, the topknot upstairs bedroom with its magnificent view of Puget Sound.

There was a house-raising when it was put up, and friends and neighbors pitched in and helped. Later Mr. Snapp and the boys did a great deal of the work, and plan to finish the interiors in the near future. The roof is tar-and-gravel, and the first floor is of red concrete marked off in squares. There are five bedrooms and Mrs. Snapp says that they can easily sleep eight. Certain novel features include a combination breakfast bar and pass-through between kitchen and dining room. Split bamboo blinds have been used, hung



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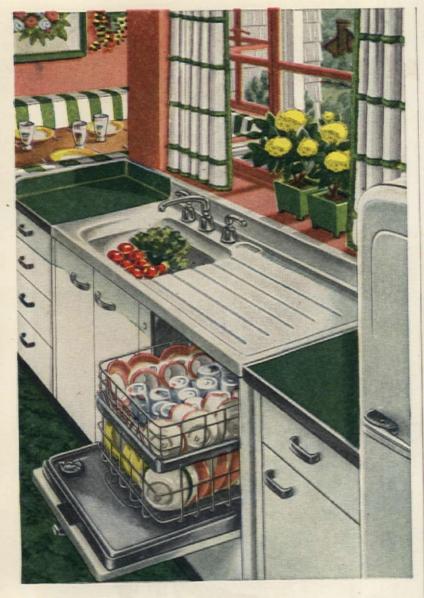
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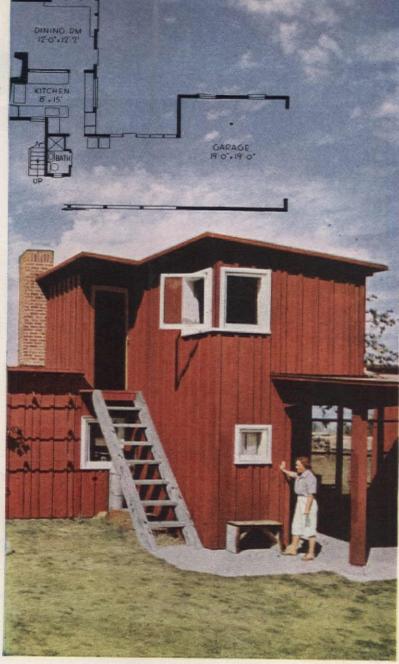




vertically to slide across the windows. The projected wall covering will be either striated plywood or some other form of hard-surfaced wall-board. In any case, the ceiling beams will be left exposed. No matter what style the rooms take on, you can be certain that nothing will change the friendly informality of the place. At

present the patio seems always full of friends, children and dogs; every week end finds things humming at a merry rate. After twelve years without running water and modern comforts, the trim little kitchen has an especial appeal for Mrs. Snapp. In spite of its size, cooking can be on a large scale with ease and comfort.





Photographs by author

Inspired by old brooder house on property the John N. Snapp summer home reflects friendly informality both inside and out





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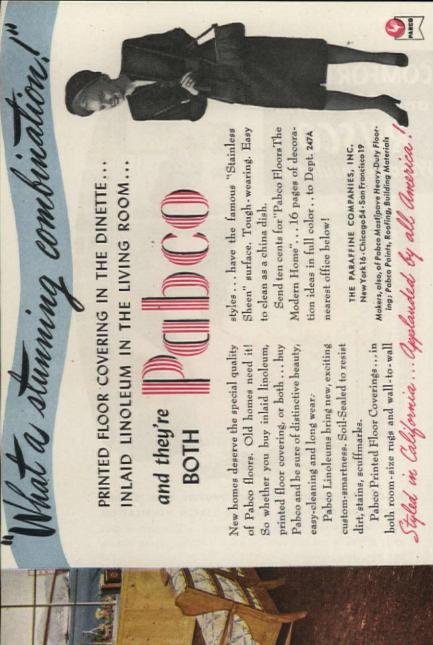
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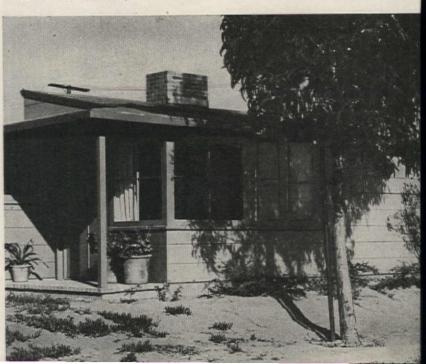
Ethel McCall Head

question—which came first, the chicken or the egg? And so with houses, one could ask which is of first importance—the plan or the appearance? Sad to state, there are many houses all over the country where "looks" were of primary concern, and the family is fitted into a poorly arranged home to manage as best it can. Not so in the Richard Pleger house. Here the plan's the thing! The low, simple lines of this small house grew definitely from the plan!

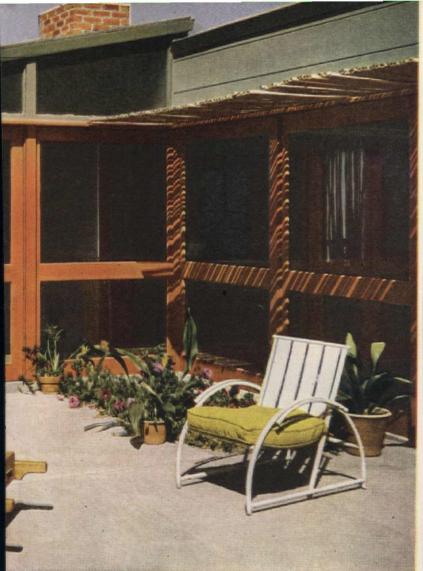
Early modern architects coined the phrase "form follows function," but in less fancy

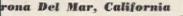


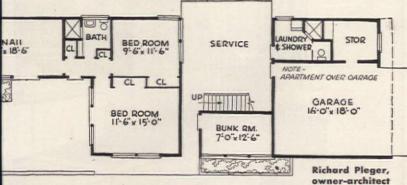
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Dining end of lanai is given privacy by a partial partition of bamboo poles. Brick gives textural contrast to wood interiors



Yellow ceiling in kitchen harmonizes with pine casework. Bamboo gate and case separate kitchen from dining area

terms, it simply means that all good houses get their looks from a sound, workable floor plan suited to the requirements of the owners. So, before we consider the "looks" of the house, let's see how well the plan works for the Pleger family of four. First, circulation to as many rooms as possible from the outside is accomplished by the U-shaped arrangement of the rooms. The living room, the lanai-dining room, the bedroom hall and the master bedroom all open to the patio. These three glass walls of the house, plus a brick wall' on the fourth and seaward side, provide a protected area for outdoor living.

Now let's consider the extra sleeping space for guests. Twin beds, end to end, under the living-room windows, serve as a comfortable lounge for everyday living but, when guests arrive, the two removable backs are lifted out and the width of the twin beds is revealed. Two guests can be put up on the studio couches built into a corner of the lanai, a second living room.

There is little movable furniture in this house. The use of the beds as a living-room couch eliminates the need for one. There are three chairs and a coffee table in the living room, yet it is charming and comfortable. In the



Redwood walls, brown floor, yellow ceiling are accentuated by grass cloth over fireplace

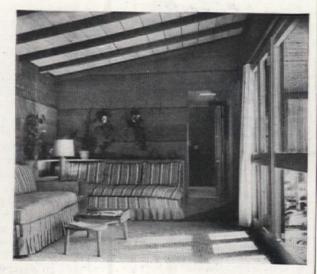


This attractive, long couch can be made into twin beds by the removal of the back section of the upholstery

One section of the lanai, right, is an extra living room. Here, also, are two comfortable guest beds

lanai sitting room there is only a desk, chair, and coffee table to complement the studio couches. The couches are placed at right angles to each other, and a built-in table and bookcase provide necessary table-top space for plants, a lamp, and magazines, as well as useful storage shelf for books.

The Pleger house was originally planned for summer use only and, as the land was in a beach community only a few blocks from the Pacific Ocean, that meant that the house would have to be closely related to sand, sea, and wind—these three certainly are not friendly household companions. In spite of these drawbacks, a fine



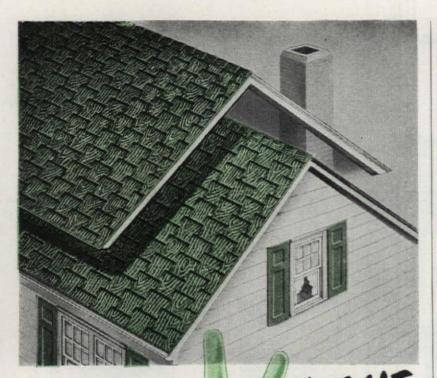
outdoor living area sheltered from the wind was wanted. The U-shape plan took care of this wish, for the patio is enclosed by the glass walls of the house on three sides and, on the fourth and seaward side, a brick wall provides protection. The result is a patio that is ideal for lounging and outdoor meals. Also, because of the large glass areas and the way the house wraps itself around the patio, the latter actually serves as an additional room during good weather.

Two of the four members of the family are daughters, one nine years old and the other twelve. It was obvious that these two children, with their friends, would be traipsing in and out of the house all day long. Wet bathing suits and sandy feet tracking from one end of the house to the other would have inevitably meant more work for mother. So, the considerate Mr. Pleger arranged an entrance only about six steps from the bath. Does this save tracking sand and water? It does.

The lanai, besides providing sleeping accommodations for two guests on week ends, is used as a second living Stuck ? for time?







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room during the week, and it is a fine place for children's activities. At the far end of the lanai is the dining corner, and here a simple oblong table top has been fastened to the wall with space for three chairs on either side. In this connection, it is interesting to note that the window in the dining area is glazed with textured glass rather than an ordinary window pane. This was done because there is no interesting view from that vantage point, but there was a necessity for light and the textured glass allows plenty of light to enter. A partial wall of bamboo poles separates the dining area in the lanai from the study at the other end. The lanai also provides a passageway from the living room and kitchen to the bedroom wing.

Natural redwood walls in the interior are easy to keep clean and cut down on maintenance costs. The floors are concrete and stained dark brown. Ceilings throughout the house are of Douglas fir, and have been given just one coat of yellow water paint. Grass rugs are used, and these, too, are easy to clean-ideal for a summer home. The relationship of patio to the house makes outdoor living a pleasure.

The U-shaped kitchen has everything that is needed for comfortable living in compact form. Gas is used for cooking and heating. Kitchen casework is of natural wood.

So you see, this plan is ideally suited for informal living in general, and to the Pleger family in particular. City-bound relatives and friends can descend by the droves, and this wellplanned house is capable of sleeping them comfortably, providing them privacy when they want it and ample area for leisure activities. Besides the eight people who will fit comfortably into this two-bedroom house, two additional guests can sleep in the bunk room back of the garage.

As for the "looks" of the house, it was natural that with such an open, simple plan the house would be modern in appearance. The exterior, of red-cedar siding, is painted soft apple green with gray-red trim to relieve the monotony of great stretches of sand. The garage was placed at the extreme rear of the property with entry off an alley. Over the garage is a small apartment with a living room, kitchen, bedroom and bath. There is such a great demand for small rental units during the summer months that this addition above the garage, completely separated from the family house, was included as a method of using the wasted roof space for income. The bunk room back of the garage, if it is not used as a sleeping room for family guests, may be rented as part of the garage apartment. This room helps shut off service court from the street side of the house.

Though this house was planned by the architect for summer use, it would be a comfortable house, with the addition only of a heating unit, for year round living. It is also a good example of the fact that in a house, the plan's the thing!

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"Whoa, Dobbin ...

Ethel M. Eaton

The Remodeled Rhode Island Home of Mr. and Mrs. Douglas N. Allun

IN a corner of the charm-Rhode Island countryside-North Scituate, to be exact-Mr. and Mrs. Douglas N. Allan have transformed a century-old stagecoach barn into a delightful summer home which still retains much of its early atmosphere. Its location on Silk Lane is reminiscent of another colorful, bygone day in New England history. This whole area was once planted with mulberry trees, so that silk worms might be raised.

In coaching days, the driver of the stage between Providence and Scituate, kept his horses, as well as the lumbering old coach, itself, in the original barn. The Allans had long known the spot, for they had often visited it on Sundays and holidays-Mr. Allan to fish from the banks of the near-by river, while Mrs. Allan busied herself with sewing or a book in the shade of the apple trees back of the barn. They knew something of the history of the old building-that it had been erected in another spot and moved twice, that it had once been sold for 'a square piano and music lessons for the winter", that the little plastered room at one end, a step down

from the barn floor, had housed a printing shop at one time. (An early newspaper called Little Rhody had been printed there.) A multiple career, if ever a barn had one. But what happy landings it finally has!

Except for an L-shaped hayloft facing the double rolling doors and the print-shop end, the old barn was open to the roof, revealing sturdy, hand-hewn, pegged timbers. The place fascinated the Allans, and they decided to buy the barn and the house that went with it, intending to remodel the former as a guest house. As the work of renovation progressed, however, the charm of the place grew on them steadily, and

they decided to use the remodeled, elm-shaded barn as a summer home. The broad doors, always painted white, (the barn was red to be more easily seen at night) were replaced by four casement windows which look across to the river. Beneath these windows may still be seen the broad, flat stone over which the horses clumped and the old stage rattled. It is now part of a flagstone terrace between the house and the street. The clapboard finish on the street end has been continued, like a thin wall, to the edge of the terrace. forming a screen and providing privacy. Architecturally, this was a clever device, for it gracefully ex-





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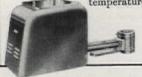
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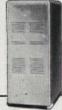
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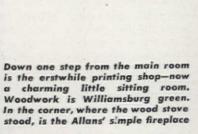


Plain bar railing of stairway continues across hayloft to form an open balcony. The two bedrooms in the loft, like the rest of the house, are furnished with antiques. Both are lighted by old barn lanterns which swing from the beams

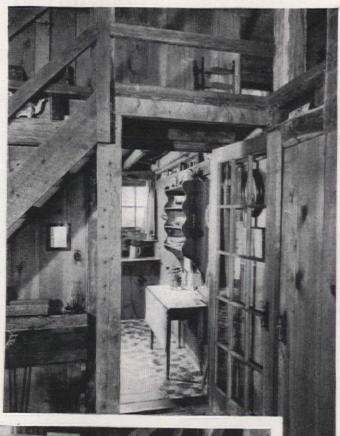
From the broad shelves of a "punkin pine" corner cupboard, shines lovely old blue-and-white china, bid in at a country auction. Near it stands an ancient grain chest which, refinished, holds a collection of old silver and ruby glass

tends the roof line downward, while giving breadth to that end of the house. Insulating material under the roof helps to keep the terrace cool. A low stone wall, with wild flowers nestling at its feet, separates terrace from sidewalk. While they kept the red of the original barn for the front of the house, adding white shutters, the Allans left the back of the building in its natural weathered state, sans shutters, because they liked it best that way. On the end away from the street, facing lawn and garden, is the entrance, over which has been built





The space under the hayloft has been enclosed to provide a modern kitchen, and the charming guest room was once a horse stall!





an open carriage porch, following the lines of the carriage shed. Inside the house, only absolutely necessary changes have been made. The mellow old timbers run straight to the roof, as of yore and, like the wooden boards at the sides, have been left untouched. The hayloft is still there, reached now by a simple, open stairway instead of a ladder. The hand-wrought hardware used throughout was salvaged by the Allans from old houses in the area. The large, main room serves informally as a living-dining room, while upstairs—on the hayloft—are two bedrooms, flanking an unobtrusively modern bath.

Out of the shadows and forgotten past, and the vision of two people who love old things, has emerged a uniquely charming home, where "the memory of yesterday sweetens today," for the Allans.

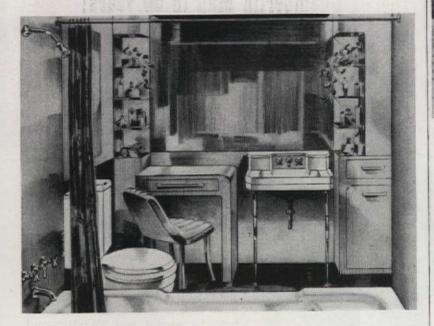


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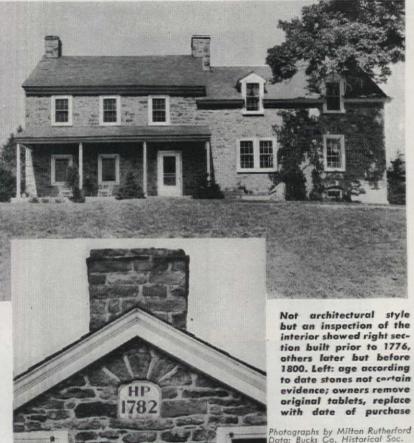


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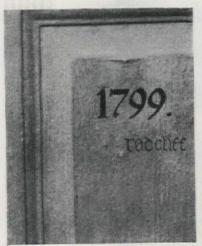


John P. Arnold

REMEMBER the adage about people who live in glass houses?

Does it ever occur to people who live in old houses—and speak quite proudly of their antiquity—to check up on their dates?

It may come as a painful and perhaps embarrassing surprise to some persons who buy or remodel old dwellings, about which hovers an air of old-worldliness and Colonial charm, to discover that the first stones were



One of the post-Revolutionary styles of molding which had replaced the earlier architecture

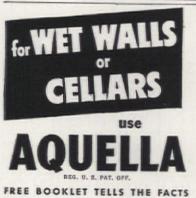
Plaster cast of door showing style of molding in general favor 1776 -1783, disappearing thereafter laid many, many years later than they had heretofore supposed.

No real harm comes of all this, naturally—a roof over one's head these days compensates for all things. But danger of contradiction does stalk those who erroneously speak of their homes as if Washington could have slept there, especially when there are loud, rude fellows at large who, armed with certain knowledge, can demonstrate in the most convincing manner the falsity of such errors.

The reason—other than merely believing unsupported statements—that one is misled about the relative ages of old houses in this country is, that from the time the earliest settlers







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along the Atlantic seaboard got around to building something better than primitive log cabins, until about 1850, traditional styles of architecture and methods of construction, on the whole, showed very little outward progress. But in detail, there were imperceptible changes. Masons' and carpenters' skills improved or deteriorated: new materials were introduced; products of sawmills and factories replaced the work of the local blacksmith and the house carpenter who, in the past, had made everything at the site. All of these factors brought changes, from time to time, and left an imprint on old structures for those who can read them.

MATING old houses is, in some respects, a science and an art. It is a science in that, with a few rules of thumb for guidance, anyonewhether architect or layman-can acquire reasonably precise information concerning the date of construction from the internal evidence of a house. The most accurate information is obtainable regarding the period between 1775 and 1850. After 1850 there is not much use to inquire, because the date could be readily ascertained by other methods, and, unfortunately, physical data alone will not permit one to trace the construction back to the Colonial period.

It should be stated that this method, based on the evidence of information derived from the house itself applies most particularly to those built in the Middle Atlantic States and in New England. But there is no reason to believe that it does not apply to structures in all of the original thirteen states where, during the period, the same materials were available, and the same methods of construction were employed. There may be, presumably, inconsistencies, because of local practices. Old houses in the cities may prove more refractory. being susceptible to innovations. In the country, styles were apt to persist with less change. Yet, despite these uncertainties, the method is trustworthy when intelligently applied.

This method of determining building dates by means of structural evidence, is based on the original research of the late Dr. Henry C. Mercer, founder of the Mercer Museum of the Bucks County Historical Society at Doylestown, Pennsylvania, who made a painstaking investigation of some two hundred old houses in Philadelphia and its environs.

Dr. Mercer discovered that old houses could be dated on the evidence of (1) the kinds of nails and screws used for fastenings; (2) types of hardware, especially hinges and latches; (3) the styles of paneled work, such as that used for doors, window shutters, and wainscoting; (4) the sort of plastering laths that were employed for partitions and furring.

A common pitfall, in making deductions from such evidence, lies in the failure to determine whether one is dealing with an original unchanged feature, or a later construction or alteration. Sometimes, extensive changes





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Above: the Norfolk latch, c. 1800 to England before 1835. Below, left: Blake's cast-iron latch, patented in 1840, superseding the Norfolk latch. Right, thumb latch, locally made or imported. Dating c. 1750 to c. 1840



have been made: early hardware has been replaced by pieces of a later date; old partitions have been removed, and refinishing done according to some current fashion. Attics are one of the best places to look for unchanged and unchanging features; also, they are often unfinished, permitting closer inspection of concealed details, and they are least likely to have been disturbed by extensive alterations. Nail holes, imperfectly concealed, often indicate the removal of earlier hardware, and other transformations-perhaps by their incongruity-may be detected.

(1) Fastenings: Nails and, to a lesser extent, screws are important factors in determining when a house was built. Handmade, wrought-iron nails found throughout a building, point inevitably to the fact that it was built prior to circa 1800, when they were universally superseded by the cheaper, cut nail. The heads of



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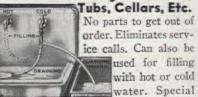


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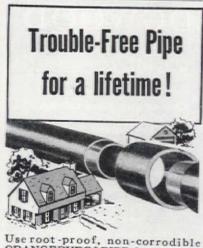


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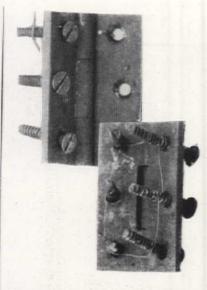




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Cast-iron butt hinge which replaced wrought hinges for many purposes after c. 1783. Blunt wood screws characteristic before about

wrought nails (see page 98, fig. A) are variously shaped, depending, perhaps, on the purpose for which they were to be used, or indicative of the individuality of the particular blacksmith. But any sort of wrought nail is distinguishable from the later cut nails, because the shank was always tapered on all four sides, to a more or less sharp point. (It is possible there may be trivial exceptions, where the wrought nail has been carelessly tapered on only two sides of the shank. but even so, the hammer marks unmistakably indicate its nature.)

The first machines for making cut nails (page 98, fig. B) whose shanks taper from head to blunt point on only two sides, were incapable of cutting the shank and forming the head in a single operation. Consequently. it was necessary to hand form the heads in the same manner as the wrought nails. This is a characteristic of cut nails from c. 1800 to c. 1825, when the machines were improved to the point where they were also capable of stamping out the head (page 98, fig. C). Examination of unmarred samples allows one to distinguish readily between cut nails, with the numerous marks of the hand-hammered head, and the single blow which formed the stamped head.

Other features of cut nails may be noticed by observing their cross sections. Cut nails were first made from strips of plate iron several feet in length, about 21/4 inches in width, and about 1/8 inch thick. The nails were formed by a cutter, working across the width of the plate at a slight angle. As the cutter severed the plate, it would leave a burr on the under side, and a slight rounding of the upper surface. This is easily recognized, unless the specimen is badly rusted. In the early, imperfect machines, it was necessary to turn the plate over to complete the taper on the opposite side of the nail. Later, machines were developed to complete the tapers in one operation, which did not require turning over the plate. In examining the cross sec-



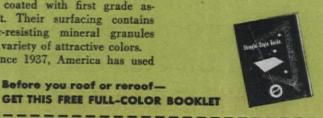
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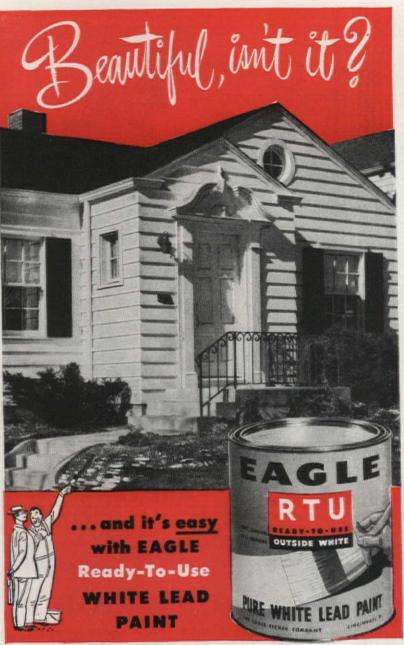
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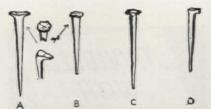


tions of these earlier and later machine products, it is quite simple to distinguish the two types by noting whether the burrs and rounds are either adjoining, or diagonally placed. These nails sometimes appear with L-shaped heads or without heads, (page 98, fig. D) or they may be hammer-headed, as previously described. In any event, it has been determined that nails made by reversing the nail stock are characteristic of those produced from 1800 to c. 1810, and the later ones, made in one operation, were in general use from c. 1810 to c. 1825.

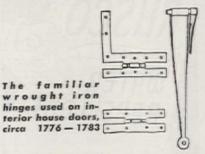
From the evidence of nails alone, we thus block out four periods for dating houses: wrought nails, prior to 1800; cut nails, hammer-headed, two cutter strokes, 1800 to c. 1810; cut nails, hammer-headed, single cutter stroke, 1810 to c. 1825; cut nails, stamp-headed, after 1825.

As an exception to all this, it should not be forgotten that, where nails had to be clinched, as in fixing latches or making battened doors, wrought nails continued to be used long after the year 1800, because cut nails were unsatisfactory for these purposes.

The evidence derived from screws is of lesser importance than that of nails. The modern wood screw, with its sharp point that can be driven without a pilot hole, came into existence shortly after Sloan's U.S. Patent of August 20, 1846. Prior to this date, back into Colonial days, wood screws were blunt-pointed, (see page

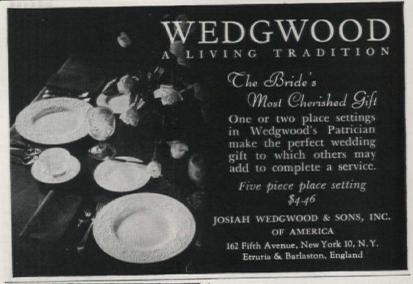


A: wrought iron nails-up to c. 1800; B: cut nails, wrought heads, 1800-1825; C: cut nails stamped head, after 1825; D: cut nails, L-head, 1800



97) and set in holes made with a brad awl. Blunt-pointed screws, unless hand sharpened with a file, are evidence of fixing prior to c. 1850, but one must beware of error caused by shortening the length of the modern screw by nipping off the point of the screw with pliers.

(2) Hardware: Hinges and door latches are another part of the evidence of antiquity. Wrought-iron hinges, either of the H or HL type, or the familiar strap hinge, were commonly used for hanging doors up to 1776 to 1783. The cast-iron butt hinge, (illustrated on page 97) was patented by Izon and Whitehurst in Eng-







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land in 1775 and, upon the resumption of trade after the Revolution, was introduced into this country; immediately superseding those of wrought iron for most purposes. However, wrought-iron strap hinges are to be found to the present day on barns and other outbuildings. Also, they were used on outer house doors and shutters after 1783. Consequently, when they appear in such places, they are not evidence for dating the structure. From these facts, it appears that H and HL hinges, more rarely strap hinges, when found on inner house doors, cupboards, etc., are evidence of the Colonial origin of a building.

WROUGHT-iron thumb latches of various sizes, some plain and others very ornate, are a common feature of old houses. One type was in general use after c. 1750, and probably imported from England. Other latches of this type were made in five parts: a hand grasp with a swivel thumb lift to raise the bar, which was fixed to the other side of the door. The staple held the bar in place, while the catch, which was fastened to the jamb, held the door closed. Another type, (see page 96) was contemporaneous with the foregoing and, it is fairly well established, was made by local blacksmiths when it was not imported. Instead of the swivel arrangement, the thumb lift on this latch is merely inserted in a hole perforating the cusp of the grasp, being held in place by a prong bent out from the lift.

Both types of latches, in their earliest forms, appear to be characterized by a straight thumb lift which was often so short that opening a tightly fitting door must have been quite inconvenient. After about 1800 to 1825, (it is difficult to narrow this period) the end of the lifts were gradually curved downward, as they were in later types of latches. These latches continued in use until c. 1840, and the evidence derived from them is this: that straight lifts on latches in their original placement seem to indicate that a house should date prior to 1800, and downward-curving lifts point to an origin after that time.

The so-called Norfolk latch (see page 96) is impossible to confuse with other types; it is distinguished by the grasp which was riveted to a long, narrow piece of sheet iron, the sheetiron keeper instead of a staple, and the bar which turns on a plate instead of a nail. A knob often appears on the bar to assist in opening the door. These latches were factory made, and believed to have been imported from England prior to c. 1835. The lifts were at first straight, as in the other types of latches, becoming downcurved after c. 1827. They were introduced in this country about 1800, and continued in use until c. 1850. These and other thumb latches became antiquated soon after 1840, when Blake obtained his U.S. Patent for his castiron latch, (page 96).

It will be noted that the evidence obtained from latches, while extreme-





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ly valuable in judging the date of a house, is not too clearly defined. There are known examples of down-curved lifts prior to 1800, and we are not fully assured that these are merely exceptions. It should also be remembered, that such hardware was too useful to be discarded, and often they were removed to another place. However, if all of the five parts of latch are present, and there is a uniformity of style throughout a house, it is safe to use these facts for dating.

(3) Paneled work: Before c. 1776, if there was a molding worked on the styles and rails and around the margins of the field of the panels on doors and shutters, and probably wainscoting, it was a combination of an ovolo or quarter-round, and a single fillet. (See page 94.) Sometimes, but not invariably, the surface of the field is higher than the surrounding styles and rails, and this also is not typical of later paneling. Most noteworthy, however, is the discovery that immediately after the Revolution, the style of the ovolo and single fillet disappeared completely, being replaced by moldings with an ovolo and two fillets, ogees, and similar variations. (See page 94.) The abrupt dividing line between the earlier and later styles is quite remarkable. It was not induced by new tools or better technique, for the hand-molding plane could work any of these shapes with equal ease. And no improvement in joinery is evinced by the later styles. If the change was due to an innovation in

design, one would assume that the older style would gradually disappear as the others slowly replaced it. Since this is not the case—whatever may have adduced the change—the existence of paneling with the ovolo and single fillet is one of the most positive proofs of Colonial origin.

(4) Plastering lath: In the early days of the Colonies, as well as after the Revolution, plastering laths for furring masonry walls or inner partitions were split or riven. With the widespread use of the circular saw, during c. 1825 to 1835, sawed laths first appeared, although riven laths were still used for some time afterward. Consequently, while hand-split laths will not conclusively date a house as having been built before this period, original sawed laths point to an origin after c. 1825 to 1835.

With the foregoing information regarding nails, screws, hinges, latches, paneling, and laths at one's fingertips, a careful observer has little difficulty in determining the age of a house within about a decade, in the period between 1776 and 1850. Also, he is able to be quite forthright in stating whether it was built before or after this period. Frequent tests have confirmed this data, where the dates of the buildings were known with absolute certainty. Failure to accumulate all of the evidence in a house on these various points, and making snap judgments upon the discovery of a single item often leads to untenable conclusions. Mistaking a substitution



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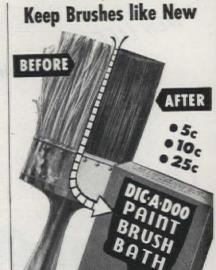


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OTFCRC



At Paint, Hardware, Dept., and 5 & 10c Stores



THE AMERICAN HOME, MAY, 1947

or an alteration for an original feature is another source of error. But, despite the hazards of misreading the evidence, even the tyro can date houses with a fair amount of precision, and win respect for so doing.

These details in the aggregate are the evidence for dating old houses:

Nails:

Wrought-iron nails..... to c. 1800 Cut-nails, wrought heads,
2 cutter strokes..... 1800—c. 1810 Cut-nails, wrought heads, r cutter strokes..... 1810—c. 1825 Cut-nails, stamped heads after c. 1825 Cut-nails, L-headed and

headless after c. 1800

Blunt pointed..... after c. 1850 Modern pointed 1850—

H, HL & strap on interior house doors house doors to 1776—83 Cast-iron butt hinges after 1783

Thumb Latches:

Wrought-iron, factory-

Panels:

Ovolo, one fillet..... . to c. 1776 Ovolo, 2 fillets, ogee, etc. after 1776-83

Plaster Lath:

PATTERNED FOR OUTDOOR LIVING

(See pages 36 to 44)

Featured by Department Stores In Our Spotlight of the Month

NOW'S the time to start your plans for outdoor living. The ideas you've read about in "Patterned for Outdoor Living," pages 36 to 44, have been put into action by several leading department stores through our new Spotlight of the Month program. Here is a partial list of the stores planning to fie-in their displays and merchandise with the May Spotlight theme, "Here's the Inside Story of Outdoor Living."

Baltimore, Maryland

Hochschild, Kohn & Company Boston, Massachusetts..Jordan, Marsh Co. Bridgeport, Connecticut

Howland Dry Goods Company Brooklyn, New York....Abraham & Straus
Chicago, Illinois.......The Fair
Cincinnati, Ohio...H. & S. Pogue Company
Columbus, Ohio..F. & R. Lazarus Company
Des Moines, Iowa...Younker Brothers, Inc. Greensboro, North Carolina

The Meyers Company

Hartford, Connecticut G. Fox & Company, Inc.

Indianapolis, Indiana L. S. Ayers & Company, Inc. Lewiston, Idaho...C. C. Anderson Company Los Angeles, California

Broadway Dept. Store, Inc. Milwaukee, Wisconsin Boston Store Minneapolis, Minnesota . . . Dayton Company Nashville, Tennessee.. The Harvey Company New Orleans, Louisiana

Maison Blanche Co. Omaha, Nebraska...J. L. Brandeis & Co. Pittsburgh, Pennsylvania Kaufmann Dept. Stores, Inc.

Richmond, Virginia... Miller & Rhoads, Inc.
San Francisco, California... The Emporium
Springfield, Missouri...... Heer's, Inc.
St. Paul, Minnesota.... Schuneman's, Inc. Tacoma, Washington....Rhodes Brothers Troy, New York. William H. Frear & Co., Inc.

Even the Kitchen Sink!



- Whether it snows or rains, there's always a sunny flavor here See how proudly even the kitchen sink wears its "cloak" of Western Pines!*
- These lovely woods are remarkably versatile, with scores of uses in homes old or a-building. Buffed so that the knots "just show through," some paint the paneling white for the most formal of living rooms. Others prefer their natural warmth, make glamor spots out of any drab corner.
- Intensely practical, these fine-grained woods are also economical. Discover for yourself how they can help enrich the house you live in. Send for "Western Pine Camera Views," a free booklet with attractive pictures and stimulating ideas. Write: Western Pine Association, Dept. 218-F, Yeon Bldg., Portland 4, Oregon.

THESE ARE THE WESTERN PINES *PONDEROSA PINE

*IDAHO WHITE PINE

*SUGAR PINE

Take comfort for granted



It's easy to relax in an Iron Fireman heated home. You're free from basement drudgery. Luxurious warmth surrounds you day and night regardless of winter weather.

That's the kind of comfort hundreds of thousands of Iron Fireman owners enjoyed last winter, and will continue to enjoy for many winters to come. And that's not all! Iron Fireman brings clean heat into your home, and economical heat too, because there are 24 years of combustion engineering experience built into every Iron Fireman unit.

Whether you prefer coal or oil, Iron Fireman can meet your exact

needs. The new Coal-Flow stoker automatically feeds coal from bin to fire and removes the ashes. The remarkable new Vortex oil burner is a fuel saver. Self-firing boiler and furnace units have Coal-Flow stoker or Vortex oil burner built in. All have the luminous flame, the most efficient, economical fire for home heating. All are equipped with exclusive automatic controls, designed and built by Iron Fireman expressly for it's own equipment.

Write for booklet, "Carefree, Dependable Warmth," illustrated in color. Iron Fireman Manufacturing Company, 3151 West 106th Street, Cleveland 11, Ohio. Factories: Cleveland; Portland, Oregon; Toronto, Canada. Dealers everywhere.

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AIRBORNE self-firing fur-nace unit for coal or oil. Heats, circulates, filters, and humidifies the air.

VORTEX oil burner's unique bowl shaped luminous flame blankets hearth and side walls of furnace, Saves oil.

COAL-FLOW stoker feeds coal direct from bin; no coal blankets hearth and side walls of furnace, Saves oil.

WATERBORNE self firing water or vapor heating. For une with coal or oil firing.



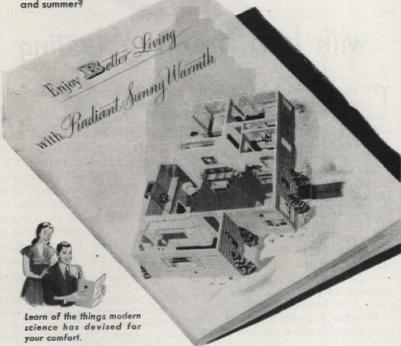
how to make sure your new home will have warm, draftless floors?



what kind of heating system furnishes an abundance of low-cost hot water, winter and summer?

why you are sometimes cold even though air temperature is

You'll Find all the Answers in this Free Booklet!



How to heat your new home is the most important decision you will have to make! The comfort and well-being of you and your family for years to come depend upon how wisely you choose your heating system.

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This 24-page booklet, completely illustrated in full color, is packed with information on heating methods-interesting to read, easy to understand. It shows you how to endow your home with the kind of comfort that makes it modern.

The story of "Enjoy Better Living" contains facts based on the results of I=B=R research investigations in its experimental home at the University of Illinois. It is therefore authoritative and important reading for every home builder. Send the coupon for your free copy.

The Institute of



Boiler and Radiator Manufacturers

The Institute of Boiler and Radiator Manufacturers 60 E. 42nd Street-Dept. B-3, New York 17, N. Y. Please send your free booklet "Better Living with Radiant Sunny Warmth." William W. Atkin

So Your Roof Leaks?



Data: Martin and Alden Stahr

REMEMBER the old wheeze about the mountaineer? "Why don't you fix that leak in the roof, Pa?"

"Can't today Ma, it's raining. Trouble is, when the sun's out it don't leak." The old boy wasn't far wrong. A roof leak is hard to find because, in nine cases out of ten, the water doesn't drip right through the hole, but runs down a rafter or along a shingle lath. If the attic is unfinished, all you have to do is trace the water back to its source during a good rain. The best bet, if the attic is ceiled, however, is to look for the leak on the upper side of the roof.

Playing around on a roof can be a dangerous proposition, so it is advisable to prepare yourself. The simplest safety precaution is a rope which may be tied securely around a chimney or hooked over the ridge of the roof. However, the scope of activity using a rope, is somewhat limited, so a ladder is preferable. A simple roof ladder can be made with a 10 or 12 foot plank about 2 inches thick. Nail wood cleats to a board of I" x 2" material and be certain that these are securely fastened. Nail a couple of pieces of wood to the top of the board to provide a hook to hold the ladder in place. The angle of the hook should be as near that of the slope of the roof as possible. When working on the roof, wear tennis shoes or some other soft-soled shoes so as not to damage the roof's surface. These shoes will also provide better footing.

On a shingle roof, you'll probably find a shingle that is loose, or one that is split. This allows water to come through the roof. However, it may be repaired in a few minutes, as illustrated. Cut two pieces of heavy copper or galvanized tin about two inches wide by six to eight inches long, depending on the length of the exposed part of the shingles. Then raise up the split shingle slightly with a chisel, if necessary, and drive the piece of flashing up under it until it is out of sight. Do this also with the shingle directly above it. Thus, you can fix



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By Guy L. Rosebrook, Architect

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an ordinary leak in a wood shingle roof in quick time. Another remedy is to remove the old shingle and replace it with a new one. Split the old shingle in several places with a chisel, and remove the pieces. Then, cut off the old nails by slipping a hack-saw blade into the space formerly occupied by the shingle. Push a new shingle of exactly the size and shape as the old one into place. Fastenings should go through the shingle directly above the new one, and should be copper or galvanized iron nails.

A leak in a composition roof may be more difficult to repair. It is often caused by debris in the valleys which allows water to back up during a heavy rain. It's a good practice, therefore, to clear leaves and other trash out of valleys and gutters every fall to prevent this type of leak. If you find this is not the cause, find the approximate location of the leak from the attic side and remove a section of shingles about three feet by four feet and replace with new ones.

Leaks in a tin roof are quite simple to find from the top side by inspecting rust marks for possible holes. The hole is filled with caulking compound or thick paint, and a patch of ample size nailed over the spot. Paint under the patch, and also (after it has been fastened down) around the edges. Flat-headed, galvanized iron nails should be used for fastening. Just before the nails are driven home, work a little paint under the heads.

Another cause of leaks is a gutter set too high. Ice forms on it and makes water back up. The remedy, of course, is to lower the gutter.

If there is a leak behind a wood gutter (which may be caused by the gutter not being level), set a quarter round molding in caulking compound against the back of the gutter and nail in place. On some houses this is standard specification.

Leaks also may occur around chimneys and soil pipes where they extend through the roof, because flashing in brick joints has loosened or roof cement has dried out. To stop leaks here, coat with fresh roof cement. All valleys, flashings, gutters, should be painted annually to prevent rust.

If you have a roof of slate and the leak is not caused by debris in valleys or around chimneys or soil pipe, the best remedy is to call your slater.

A canvas roof probably requires more care than other types of roofs, if it is to give good service over a long period of time. Assuming that such a roof was properly laid in the first place, it should always be painted with those special paints made for canvas for best results. Many people think that canvas should be wet before paint is applied. This is not true. Canvas, like any other surface that is painted, should be absolutely dry when paint is applied. If you find a leak in a canvas roof, apply a canvas patch. Put a coat of paint over the area to be covered with patch, apply patch while paint is wet and then paint over the patch immediately. This must be done on a dry day.



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better flower and vegetable seeds which has made Ferry's Seeds the overwhelming choice of people who really know high quality - experienced gardeners.

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Feed them this vital element—
use FORD NITROGEN PLANT FOOD. Packed in handy pound bags . . . clean to handle . . . so easy to use! (Just spread dry, or mix with

dry, or mix with water.)

For a handsome yard this summer, get FORD NITROGEN PLANT FOOD, now. At feed stores, hardware stores, and all Ford Dealers. Free Feeding Chart with every bag! with every bag!

NITROGEN PLANT FOOD 'Staff of Life" for all plant life!



Summer Snacks for Your Crops

I F YOU are a gardener, you know how important it is to keep your soil and plants supplied with enough proper food. That means, starting in spring, to give the lawn an early breakfast of, preferably, a plant food especially made for grass; then, after uncovering shrubs, roses, and perennials, to work some complete fertilizer into beds and borders; next, after spading the vegetable and cutting gardens and building up their humus content, to rake in a ration of well-balanced plant food before sowing seed or setting plants.

But if you are to have a garden this summer for the first time, and were unable to follow the first-act program, you can still give your plants a much appreciated midday (that is, midseason) lunch by top-dressing them lightly with fertilizer, or applying it in solution, when the soil is moist. Also, whenever a crop matures, leaving space for a succession planting, be sure to dig in some plant food when preparing the ground for it.

But, Richard H. Phillips reminds us, you have still another trick in your hand which, if played during the growing season, will help you get the most from your land. It consists of handing out some extra, betweenmeals snacks to meet the needs of certain crops or particular soil conditions. These little treats also supplement your regular plant food applications so as to enable them to do a better job. They are both economical and easy for they are not broadcast over the whole area, but applied

sparingly along particular rows or around individual plants. Their effective use calls for a general knowledge of the three principal plant food elements and their functions.

Nitrogen (as in nitrate of soda) promotes tissue growth, rich, darkgreen stems and foliage, so it is especially needed by leaf crops. Sprinkle it along a row, stir it in, water well, and watch the lettuce or spinach thrive. As it is strong stuff, don't let it touch plant tops or roots.

Phosphorus helps the tissues ripen and speeds up maturity. It's a good plan to keep some superphosphate on hand for use when fitting ground for a second crop. It is clean, easy to handle, and, sprinkled on compost pile, newly spread manure, or the floors of barns and chicken houses, it will absorb nitrogen-carrying liquids.

Wood ashes from a fireplace are rich in potash, which promotes strong stem and leaf growth but is especially valuable for root crops. So don't waste them. The following chart gives a quick sum-up. Keep it handy:

Plant food Nitrogen

(nitrate of soda; chicken manure)

Phosphorus (superphosphate)

Potash

Especially good for-

Cabbage, celery, chard, dandelion, endive, lettuce, spinach

Beans, broccoli, brussels sprouts, eggplant, melon, peas, peppers, squash, tomatoes

Beets, carrots, onions, (wood ashes) parsnips, potatoes, salsify, turnips



You will cook with confidence and serve with pride . . . when you have such an able "assistant" as the glamorous new Norge gas range! The oven temperature is under accurate control at all times, which makes baking and roasting a pleasure. And perfect broiling becomes an easy art — no billowing smoke, no spattering grease, no flaming fats! You'll like, too, the height of the gleaming, one-

piece work top; the click feature of the on-and-off dials; the economy of the Spiro-Speed burners; the convenience of two utensil drawers. Yes—the new Norge is good looking, and with it you will accomplish good cooking—the kind of cooking that will win new acclaim from your family and friends! Norge products are conveniently catalogued in the classified sections of phone books.



Exclusive Spiro-Speed burners give better economy, greater efficiency.



Large, heavily insulated oven, porcelain lined; easy to keep clean.



Roll-out, drop-front broiler is adjustable; has smokeless grill.



Accurate oven heat control facilitates perfect oven cookery.

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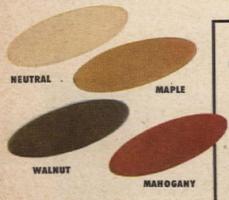


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Now... Household SIMONIZ in Colors... just for your furniture and woodwork! Mahogany, walnut, maple and neutral—colors that match all finishes... give them the same longer lasting beauty that makes SIMONIZ so famous for cars. Household SIMONIZ cleans and helps to cover scratches. It dries hard to a satiny luster that's never oily, never sticky... won't attract dust and fingerprints. Smudges and soiled spots wipe off with either a dry or damp cloth. You've never seen such wonders until you've tried Household SIMONIZ in Colors—the colorful way to keep your furniture always beautiful. THE SIMONIZ COMPANY, CHICAGO 16, ILLINOIS



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MAPLE—Also for light oak, birch, pine
NEUTRAL—For bleached and light woods

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George H. Van Anda

Garden Steps



Can Be Lovely

STEPS can be lovely to look at, and usable, too, as these views bear witness. But how can we judge or measure their success according to those two, interrelated qualities? Well, consider first the matter of scale. Is the flight as a whole, and are the individual steps, of proper and pleasing proportions in relation to the plot of which they form a part? Next, take fitness, good taste, unity, or whatever you want to call it, meaning, are the design, form, and material of which the steps are made in keeping with the house architecture and the type of landscaping exemplified in or suggested by the garden? Half-buried logs or old railroad ties, or flat, river-worn stones are eminently suitable where face brick, dressed stone, marble slabs, or smoothly troweled concrete would be utterly wrong. And vice versa, of course.

Then there's the trimming or embellishment. It may be a balustrade of the same or contrasting material; a simple grass edging, or borders of annual or perennial flowers; ribbons of English ivy or other ground cover; low clipped hedges, as of box, dwarf barberry, teucrium; or a graceful, informal cascade of arching shrubs, such as Scotch broom, Forsythia suspensa, cotoneaster, or one of the trailing, large-flowered roses.

Of course, the step dimensions (width of tread, height of riser, etc.) must make the flight comfortable and safe to mount and descend (that last is very important). The surfaces should be level and pleasingly smooth, but not treacherously slippery when



Garden step informality, East and West. Above, in Connecticut, the Donn Sheets garden (see January, 1946, issue). Below, in Oregon, garden of Mr. and Mrs. E. C. Sammons. Walter and Florence Gerke, landscape architects



A drive with beauty... that never ends...

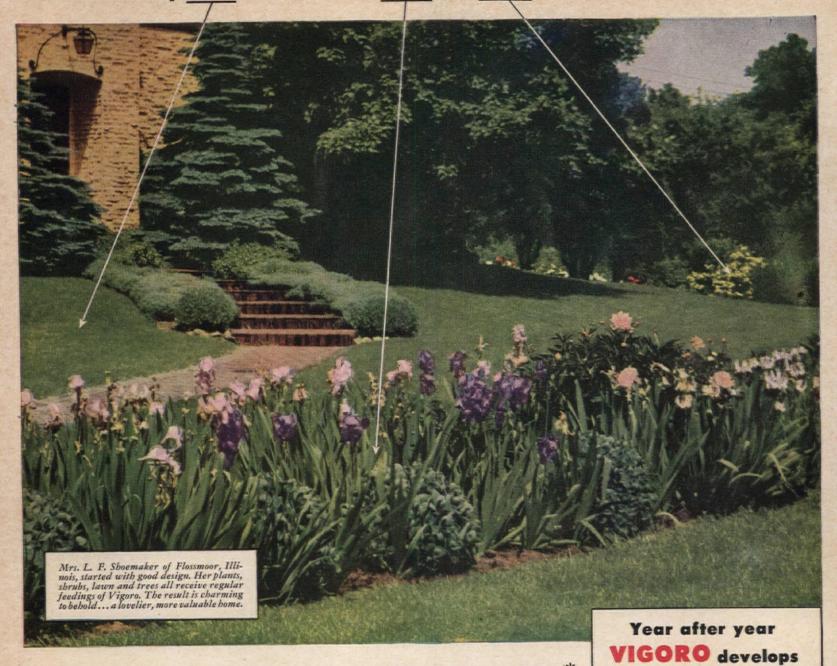
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It's wise to SIMONIZ your car while the finish is still new. No telling what's ahead—gritty mud, road grime, searing sun, corrosive airborne chemicals—but SIMONIZ keeps them from fading, scratching, dulling and destroying the finish. It also starts you off right by making that new finish even more beautiful . . . richer in brilliance and color. Simonizing regularly "builds up" the finish . . . makes it last longer. Besides, you'll be able to keep your car clean and bright by wiping it off with a dry cloth. So the sooner your car is Simonized the better. Do it right away!





Motorists Wise Simoniz



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GORO CAN DO! AND THE REGULAR USE OF

You, too, can have such beauty all around you. For good design plus proper plant nutrition helps bring garden beauty to any home.

Vigoro, complete, balanced plant food, can solve your plant feeding problems quickly ... surely ... easily. For Vigoro supplies the necessary food elements

plants need for balanced nutrition, growth and reproduction. Most soils lack one or more of the vital food elements required for best plant growth. Poor root systems, bad color, stunted or delayed growth are evidences of such a condition.

Don't be disappointed with a poor garden or a bare lawn this spring-feed

Vigoro now! Keep feeding it regularly. Vigoro will help your flowers and lawn be lovelier . . . healthier . . . more beautiful. And remember—the shrubs and trees Vigoro helps grow will increase the permanent value of your property. Ask your garden supply dealer for Vigoro.

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humus in lawn soil

VIGORO-FED

Vigoro helps develop vigorous root systems. Each year as part of the old roots decay, humus (organic matter) is formed in the soil—rich, fertile! Your soil becomes more capable of sustaining your lawn through all kinds of weather... a better storehouse for moisture and plant food.

What's more, the vig.

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What's more, the vig-orous roots and the orous roots and the thick top growth that Vigorohelpsproduce actually tend to choke out weeds! For a lawn of last-ing beauty, feed Vigoro regu-larly.

*Given with a 100 lb. bag of VIGORO!

The Vigoro Beauty Plans show you how to design for beauty, Cram-full of exciting planting arrange-ments... belpful planting suggestions. Show what to plant, where to plant ... how to plant. Get your copy at your gar-den supply dealer's. The edition is limited so act now!



Let this new, scientific development do your weeding. Use End o Weed. Literally spray weeds away... quickly, safely, easily. Just dilute End o Weed with water and apply to the leaves with

Just dilute End o Weed with water and apply to the leaves with any type spraying equipment. Kills dandelions, chickweed, plantain and over 50 other weeds... yet will not harm ordinary grass.

Remember... End o Weed ... kills weeds! VIGORO brings new life to grass that's been weakened by weed competition. End o Weed plus regular feeding will help you have the thick, weed-free lawn you've always wanted.



wet, leaf-strewn, or icy. And, if it is desired to soften the hard edges of the steps, or fill in crannies between them with thyme or other low-growing herbs, see that they do not get out of control, dominate where they should merely complement, and destroy a charming effect instead of contributing to one.

PERHAPS a brief analysis of the examples of planted steps on pages 106 and 107 will help. The broad, low, gently rising flight at the top of the first page obviously crosses a slightly sloping lawn. There are but a few inches of rise between the surfaces of the concrete slabs or flagstones, which are not the full depth of the steps. Along each front edge is placed a metal strip so as to leave a soil pocket planted irregularly with sweet alyssum, portulaca and, possibly, ice-plant. (Mesembryanthemum) all three of which like a position in full sun. The height to which they are allowed to grow suggests that the steps are not subject to excessive use, and that they are definitely aesthetic as well as utilitarian.

The second picture presents a sharp contrast. Here an abrupt and considerable difference in levels requires, first of all, a retaining wall which is extended to form a parapet along the upper level. A long, leisurely flight would be quite out of place here, so the four steps are only a third or a quarter as wide as those in the first picture, but probably twice as high; yet they are well proportioned and look "comfortable." The mortarbound stone construction which matches the wall would provide a poor surface, so wholly appropriate slate treads are used. The top of the wall is effectively softened with a lusty growth of climbing roses, and the base, on the lower level, is masked by the low clipped boxwood hedge which, be it noted, does not crowd or encroach on the steps. This plant note is repeated along the wall on the upper level where, however, it looks as though a little more space between the bushes would be desirable. But this may be a deliberately planned effect, designed to do away with an undesirably wide gap in the shrubs that border the upper garden.

Turning to page 107, the path up the hill beside Mr. Sheets' rock garden, leading to a wild garden at the summit and then out into open fields, calls for nothing formal, so he logically used steppingstones set more or less at random into the bank. While this calls for some concentration to insure a firm footing, the interest of the varied planting, the charm of the deep-toned lilac that crowns the slope, and the discovery of unexpected flower surprises along the way, all tend to restrain one from making a rapid, headlong ascent, or descent, either. The Portland example presents a charming transition between house and garden. The dominant plants are Lemoine deutzia, caryopteris, and azaleas.

E. L. D. Seymour



• At last...here's a new 3-way insecticide and fungicide that gives you all the protection most gardens need without muss... without fuss... without mixing. End o Pest, made by the makers of Vigoro, can be applied with confidence on edible fruits and vegetables. It's also ideal for flowers, shrubs and trees.

End o Pest comes in a handy applicator package . . . a dust gun of new and exclusive design that does a thorough, economical, easy dusting job. It's refillable! Just slip a new cartridge into the original duster package.

This year—stop trouble before it has

a chance to start! Get End o Pest from your garden supply dealer now...and dust regularly.



No waiting for a "still" day—because no danger of "drift" damage to plants, flowers, clover, etc. Highpotency solution means economy. "Kills Only What You Want Killed."

All-metal construction of magnesium. Only one simple moving part. Easy to load—as simple to use as carrying a cane—effective in results.

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PERFECT SEED BEDS!

Use the same power implement that prepares perfect seed beds in one operation to mechanize your planting. The Rototiller planter attachment handles any common crop or vegetable seed in wide rows or multiple narrow rows. Ask your Frazer dealer for details about this attachment available with two or more planting units.

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POWER TILLER OF A HUNDRED USES

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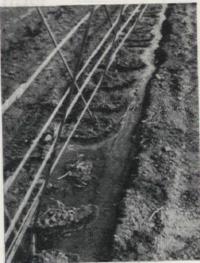




With garden rows across the slope, that is, on contours, irrigation (or rain) water stays in the furrows until it is all soaked up by the soil



With even a crude contour gauge like this, rows can be laid out curving and perfectly level, or straight and slightly sloping so water will flow along them



Getting Water

RRIGATION, if incorrectly done, can cause many disappointments. One of the writers of this article, having had garden experience in Ohio, was given the task of raising vegetables on a Colorado cattle ranch. He had visited several irrigated farms and could distinguish a 'main" ditch, which brings water to the high places in a field, from a "lateral," which carries it right to the crops. The ranch had a large dirt reservoir fed by windmills and designed to supply cattle with drinking water. Located just above the 11/2 acre garden plot, it was ideal for irrigating that area. For the most part the garden was a success; as to the potatoes-well, you never saw such rich, dark-green plants, and as more and more water was applied, they grew taller than one's waist. However, when digging time came, there wasn't a single tuber larger than a good-sized pigeon egg!

Thus ended our first lesson, namely, that garden irrigation is not merely placing water near plants; rather, it's an art. When eastern writers warn that more damage than good may be done by applying irrigation water,

In the top row (above), the tomatoes are given equal rations of water let in at one end. Below, a dam lower than the next row will turn

Orville Grisier and Felix Pogliano, Jr.



THE AMERICAN HOME, MAY, 1947



Self-propelling along its hose, selfstopping where trip is set, the Travel-awn walks as it waters the lawn

on the Garden

they may be right even though we, in the drier regions, would get no crops at all without it. But some eastern gardeners, if they knew more about the art, might pull a well-designed garden through a drought that would otherwise prove disastrous. Even in dry Colorado, some gardeners have but a single rule and method, never realizing that they have to be altered to meet conditions, seasonal temperatures, types of plants, and kinds and qualities of soil. They underestimate a neighbor's advice, forgetting that such factors as sunlight, shade, and wind currents may differ from plot to plot . . . Now, don't from that conclude that successful irrigation of a small home garden is too difficult to undertake. It definitely is not-if you realize that it is an art and are willing to study the effects of your work and act accordingly.

F several possible irrigation methods, the best, of course, is good rain at the right time. Because it is so effective, gardeners often try to imitate it by sprinkling their lawns and plants with a hose. Far from duplicating rain, this is probably the worst method of all. Getting weary, the operator does not apply enough water at any one place. Or, impatient because a fine spray is too slow, he turns on a hard, coarse stream which cuts and puddles the surface soil and actually prevents the water from seeping in; also, it may knock off buds and do more harm than good.

Three other familiar methods that we use to meet specific needs are:
(a) a large-diameter, soil-soaking canvas hose; (b) a lawn spray or sprinkler, and (c) flooding or surface irrigation, in which water is brought to the plant rows via shallow ditches. The first we use to germinate seeds, laying the hose near a newly planted row every day or two until the oozing water soaks the soil. When leaves appear, we start surface irrigation.

For successful results, you must plan the layout of the rows. They should be fairly level and run around or across, not up and down, the slope. Our garden has a general pitch from west to east, but most of it is level from north to south. This main part is, therefore, planted to rows running north and south. To plot a series of almost level rows across the

-the water into it from the main furrow when the lateral just soaked is closed, as shown here. This is repeated, row by row, to the bottom



THE AMERICAN HOME, MAY, 1947

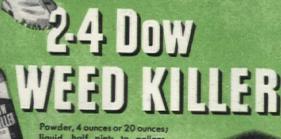
WEEDS MUST GO-So grass can grow! The sun shines . . . and the skies are blue-The grass grows tall and the weeds do too! The time to kill ugly, beauty-destroying weeds is when they are young and growing vigorously. Spray 'em to death with 2-4 Dow Weed Killer-the powerful, tested chemical weed destroyer which is absorbed by the broad leaves of common weeds and kills 'em out-roots and all! No need to dig and hoe-no need to stoop and bend! Spray your entire lawn with 2-4 Dow right away. When weeds have shriveled and died, apply fertilizer

tested chemical weed destroyer which is absorbed by the broad leaves of common weeds and kills 'em out—roots and all!

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Pick up a package of 2-4 Dow Weed Killer today!

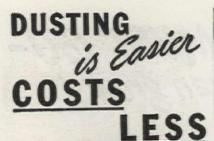
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remainder, we rigged up a crude contour gauge consisting of a straight 4' board with short legs of equal length nailed to its ends and a short mason's level tied on top of it. Starting at one edge of the space, we "walk" the gauge forward, first one end and then the other, keeping it horizontal and thus lining up points that are on the same level. Stakes driven at these points chart the rows across the patch. At planting time, they are given a slight downward slope from the side where the main ditch is.

To thoroughly soak the soil, water must remain in each lateral ditch (beside a row) for from half an hour to an hour; see third picture on page 110. In that time the ground becomes moist to a considerable depth, and for a foot or more on either side of the ditch; this is usually sufficient moisture for a whole week. Some gardeners use a hose and let it run into one lateral at a time. If you do this, lay the hose end on a piece of plank or heavy canvas to spread the stream and break its force. We prefer to dig a main ditch along the higher side of the patch and from it fill the laterals or cross ditches. When the top one is sufficiently wet, we dam it up and divert the water down the main or side ditch into the second, as shown at the bottom of pages 110 and III. Often, as seen in the top picture, the little dams are adjusted so a trickle of water continues to run into all the rows simultaneously until the whole area has enough.

Here in Colorado, we use a sprinkler only after three weeks or so of little or no useful rain. It usually takes all day to cover the garden with a typical revolving sprinkler.

Of course, the real art in irrigation is in knowing when to water. The example cited showed what can happen when potatoes are watered too much at the wrong time. Leafy vegetables can take it with benefit at almost any time. Peas, tomatoes, and other fruiting plants need lots of water, but it should be reduced when the blossoms appear and increased again when the pods or fruits start forming. Some root crops, in too deeply watered soil, tend to become elongated-which you may not object to. It is not true that you should not irrigate in the heat of the day; moreover, if you sprinkle plants at night or late in the day, moisture remaining on the foliage provides an ideal set-up for blight, rot, and fungus. Plants grown with little water tend to be tough and "durable," but they lose much delicacy and flavor.

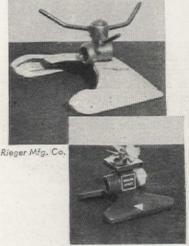
So study your soil and your crops. Don't make it a fixed rule to water once a week or at any regular interval. On the other hand, don't water a little every day or so. When you irrigate, soak the soil a good four inches deep, perhaps more. Then don't do it again until you are quite convinced that you should.

Supplementing Mr. Grisier's article, we present pictures of some new garden watering devices now on the market.—Horticultural Editor

remainder, we rigged up a crude contour gauge consisting of a straight 4 folds over (a) for ordinary watering, forms shield (b) to protect walk, or base (c) for narrow, vertical coverage



Below, four lawn sprinklers that embody the revolutionary "squarepattern" idea. Here the Roto-master



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This is the Square Spray, adaptable for use singly or in series



The Sar-Mist No. 30 is adjustable to cover a 30 x 30' square or half that



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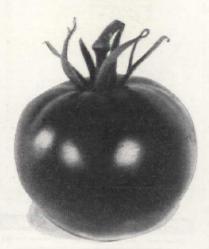
IUDSOI

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COD

Don't Lose Your Tomatoes This Year!

Will your 1947 crop look like this—



Or like this?



What happens when late blight strikes, It is then too late to fight it. So start your control program early

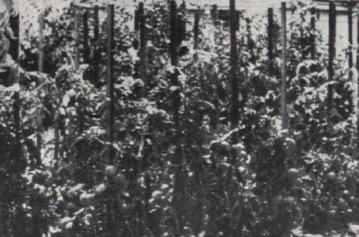
The tomato, number one vegetable of the American home gardener, and a mighty important commercial crop, too; that sturdy old stand-by, luscious, indispensable, and generally thought to be pretty near foolproof, came pretty close to being a flop in 1946 over a large part of the country. Starting in Florida in early spring, tomato late blight—a new, or at least relatively unfamiliar malady—struck Georgia in May and, within a few weeks, had invaded Virginia, Maryland, and Delaware. With devastating effect it moved north into Pennsylvania, New York, and New England, and meanwhile had fanned out into the Midwest and beyond, the total area of infection finally covering a considerable portion of the country east of the Rockies.

As noted, the trouble wasn't really new. It was first recorded in Connecticut in 1890, but it caused comparatively little damage and no one thought much about it until 1906, when it dealt the tomato crop in Southern California a terrific blow. Since then, it has periodically caused serious losses in localized areas, but never on such a scale as to awaken widespread interest, or fear, until it went to town in a big way last summer. Right now, no one knows just what it will do in 1947, though there is reason to anticipate a recurrence of the epidemic. However, if you take care of the plants in your garden, you needn't worry. That's why this article, which tells how you can do so, is so important.

First, something about the disease and its life history. The fungus responsible for it (and called by the U. S. Department of Agriculture one of the most destructive decay-producing organisms known) is the same as, or very similar to, the one that causes the familiar and also very destructive late blight of potatoes. Ordinarily, as it occurs on potatoes, it is capable of causing only a slight infection of tomatoes. However, repeated transfers from tomato to tomato increase its virulence until, about the sixth transfer, it attains maximum destructiveness and can be spread back to potatoes and retained in the tubers, whence it can attack tomatoes the following season. That, apparently, is what happened last year, so it is entirely possible that a serious outbreak will occur in 1947, if weather conditions are right.

The disease spreads by means of very small, light spores which are easily carried by the wind, by animals, possibly even by insects, and also splashed by rain or careless watering from diseased to adjacent healthy plants. Reaching host plant foliage under favorable weather conditions, a spore can germinate, penetrate the leaf, and produce an infection in three hours. The first symptoms are irregular black patches with a water-soaked appearance, on the leaves. They enlarge rapidly and, in moist weather, a white, downy growth may develop on or around them on the under surface; sometimes the disease progresses so rapidly that a planting looks as though it had been hit by a hard frost. Spread-

Photographs from De La Mare; U. S. Bureau of Plant Industry Rohm & Haas Co.; N. Y. State College of Agricultur



What the blight does to potatoes, its original host, unless it is controlled

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ing to the fruits, which are susceptible at all stages, the fungus causes gray-green, water-soaked areas which also enlarge and soon cover half or more of the tomato. Becoming darker, blotched with brown, and wrinkled, they ruin the fruit for use, and later turn it into a mushy, repulsive mass. About then, you give up hope and pull up the plants. Remember how it was last year?

Now, weather has a lot to do with it. High humidity is needed for the germination of the spores, and cool nights with warmer days, for the growth of the fungus; it will not thrive under dry, hot conditions, By the time decay can be seen on the fruit (which may be within five days after the original infection of the plant) little can be done about it. So the thing to do, if you want tomatoes, is to keep the fungus away from your plants or to prevent it from infecting them if it reaches them.

The most effective control measure is to spray the plants before the disease threatens. A fungicide spread on the foliage cannot affect the fungus if it has entered the leaf, but it will kill any spores deposited there as fast as they germinate, and thus prevent them from ever penetrating the tissues and starting an infection. Fortunately, there are a number of fungicides that will do this; some of them, in addition, help control other tomato diseases such as septoria leaf spot, early blight, anthracnose, and leaf mold. These, though less destructive than late blight, may prove troublesome at times, so any blight-control program may well take them into account, too.

Among the fungicides most effective for this purpose are copper (in the form of the well-known bordeaux mixture and, still better, the newer, fixed copper compounds) and some recently developed synthetic and organic chemicals, including especially two known as Dithane and Zerlate, respectively. The former, much used to control late blight on potatoes, is also one of the important weapons against Azalea flower spot, as was reported in the January, 1946, AMER-ICAN HOME. Zerlate, especially effective against tomato anthracnose, leaf mold, and early blight, is somewhat less so against late blight, but will hold it in check long enough to permit the application of one of the others.

On the basis of experiments performed last year, it is suggested that an all-round tomato-protection program consist of two applications of Zerlate, followed by three applications of a copper preparation, or Dithane. If the early and septoria blights and anthracnose (which are generally less dangerous in home gardens than in large plantings) can be ignored, the Zerlate treatments may be omitted. In any case, start early and spray often enough to keep the foliage protected, which means at approximately ten-day intervals, and oftener if the weather is rainy and conducive to the growth and spread of the disease. Sprays are recom-





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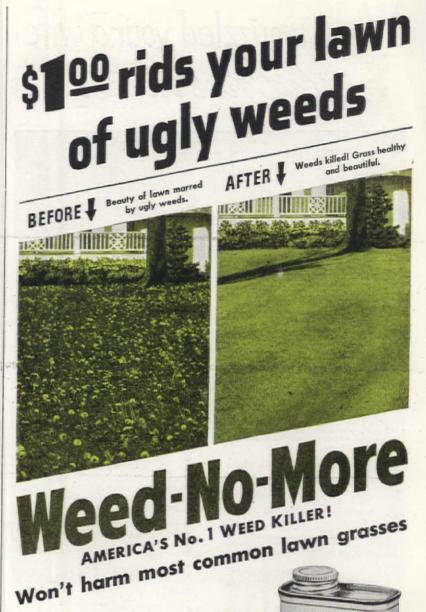
mended, but dusts can be used. In either instance, the manufacturer's directions for the particular material used should be carefully followed.

BECAUSE of the importance of the tomato crop, a special information and warning service has, this spring, been set up by the Plant Disease Survey of the U.S. Department of Agriculture to function in all the states east of the Mississippi River, plus Minnesota, Iowa, Missouri, Arkansas, Louisiana, and Texas. A key plant pathologist in each state will gather information on the occurrence and progress of the blight, and the Survey will distribute it to the other co-operating states, so local extension service personnel can supply growers with timely advice on spraying and other control measures. The national Insecticide and Fungicide Association will see that adequate supplies of fungicides are available on the market. While this is, of course, designed primarily to help commercial producers, all growers of tomatoes will benefit. You'll probably hear about it on the radio. If not, keep in touch with your county agricultural agent. or the extension service of the nearest state experiment station to learn when to start spraying, what to use. and how often. To be on the safe side, get a supply of whatever material is recommended in advance, so you'll have it when you need it. In this same forehanded spirit, be sure you have an efficient sprayer or dust gun on hand. Then keep it clean and in good workable condition.

As to the results of prompt and systematic protection, any gardener who has tried it can tell you a convincing story. At the New York State Agricultural Experiment Station at Geneva, comparative plots of tomatoes in 1946 yielded at the rate of 2.5 tons per acre for those not sprayed but left to the mercies of late blight, and 13 tons per acre for those protected by spraying. Similar evidence can be found in all directions-provided the right methods were followed, which means begun in good time, and carried through.

In addition to preventive spraying or dusting, certain long-range practices will help control or prevent destructive diseases (and insect injury, too) in your tomato patch. These include fall plowing to get rid of rubbish that might harbor plant enemies over winter; rotation of crops, so as to avoid planting tomatoes after tomatoes, or potatoes; and wider spacing, so as to leave as much as 6' between rows and 21/2' to 4' between plants. This last suggestion you can, of course, act on this spring; the others you can make part of your future. all-round tomato safety program.

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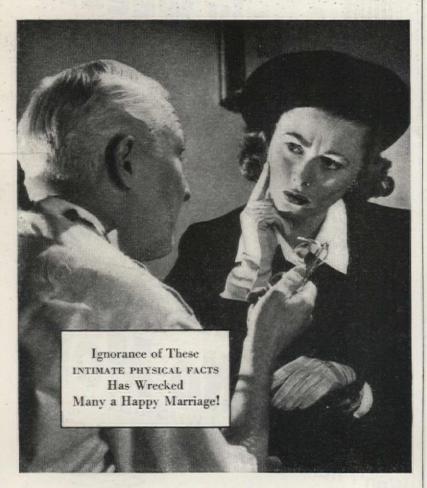
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When it comes to feeding the child, a new warmer makes it possible to heat the baby's milk while riding in an automobile. And there's a bottle

holder that keeps the bottle at the right angle for baby's proper feeding and breathing, and leaves mother free to do something else. A pretty mug and pitcher set will help teach the child to pour his own milk.

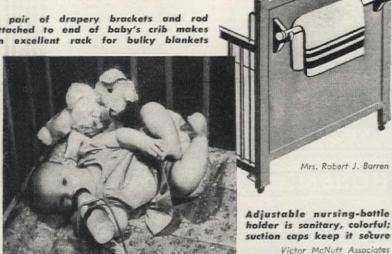
The low-hanging clothes rod gives sister the delightful feeling of being "grown up" and helpful, and makes extra space for short adult clothes.

Other items are designed for a child's enjoyment and education, and all are tested for his protection.



Mrs. R. E. Burmeister made hinged, wall play table for daughters Judy, Beverly; colored floor plans, garden painted on table top; drawers in wall hold dolls, furniture; underside is gayly decorated

A pair of drapery brackets and rod attached to end of baby's crib makes an excellent rack for bulky blankets



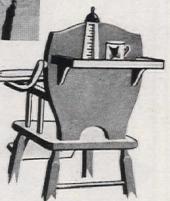
Ceramic mug and pitcher to match, cleverly designed in pastel colors; teaches, amuses



American Pad & Textile Co.

Adolph Kiefer's boys wear Stay-A-Floats, original Ta-Pat-Co swim belt for boys and girls: can't sink, leak or puncture; soft, durable, colorful, comfortable, adjustable

> An efficient, homemade step-saver: add a small shelf to the back of a high chair for bottle, food, bibs



Mrs. Robert J. Barren

The Junior Clothes Rod (24") in red, blue, green, is safe, sturdy, and spacesaving; hooks easily over any closet rod, extending down almost 22"





Children Utilities

The Travl-Chair is light, strong, portable; safetyspan legs eliminate tipping; adaptable as youth and as a utility chair

Dogs I've Known ... by Richard Decker

Hunger Striker-Doesn't like the food he's getting and makes no secret of it. If only his mistress would dish up Gro-Pup Ribbon! Dogs really like its hearty, meaty flavor, according to a recent survey of owners who've fed it. And only Gro-Pup comes in toasted, appetizing ribbons.



Sit-Down Striker- He just doesn't have the get-up-and-go a dog can have when he's fed right! Gro-Pup Ribbon would give him

every vitamin and mineral a dog is known to need for vim and vigor. 23 essential nutrients are combined in Kellogg's tested, scientific formula.



Dogs Go For GRO-PUP



P.S. You can give your dog the same tested, scientific formula as Gro-Pup *Ribbon* in popular Gro-Pup *Meal*, or in crunchy, bite-size Gro-Pup *Pel-Etts*. For variety, feed all three.





MADE BY

Kelloggs

OF BATTLE CREEK AND OMAHA

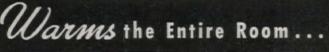


Little Lulu says... Compare tissues-compare boxes-and you'll see why 7 out of 10 tissue users like Kleenex* best! Soft! Strong! Pops Up! It's America's favorite tissue.

"Nothing but Kleenex could take care of THIS!"

© International Cellucotton Products Co.

*T. M. Reg. U. S. Put. Off.





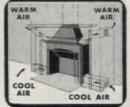
FIREPLACE

Circulates Heat...

The Heatilator Fireplace circulates heat to far corners of the room, and even into adjoining rooms. Saves the waste and overheating of furnace fires on cool spring and fall days. Ideal for camps and basement rooms. Proved for 20 years in thousands of homes and camps all over America.

WILL NOT SMOKE . . . The Heatilator is a steel form around which the masonry is easily laid. It assures correct construction of any style fireplace. Eliminates faults that commonly cause smoking. Firebox, damper, smoke dome and downdraft shelf are built-in parts of the unit, saving both materials and labor. Thus the cost is only a few dollars more than an old-fashioned fireplace. Ask your building material dealer, or write for illustrated folder.

HEATILATOR, INC. 125 E. Brighton Ave. Syracuse 5, N. Y.



Reading from top to bottom

Braiding toy for girls from 4 to 10; appealing, ingenious, aids eye-hand ordination and finger dexterity

"Oh, Look!," simple drawings in harmless boilfast colors on muslin, for young readers who taste first

The infant's training seat of Tenite is scientifically designed, and weighs 19 ounces; is strong, durable, washable

Aut-O-Tot, electric baby-bottle warm-er, plugs into automobile cigarette lighter receptacle and heats evenly

Bobby Blake, Republic Studios, enjoys his safe, interesting laboratory kit experiments in magnetism; Electrolab

Holaate Brothers Co.





Tennessee Eastman Corp







Youngsters learn in a few minutes not to be afraid of the water because they CAN'T SINK with Stay-A-Float. It holds the body up in swimming position, then little hands and feet do the rest.

STAY-A-FLOAT is filled with Kapok, six times more buoyant than cork — nothing to puncture, no air to leak out — adjustable between-the-leg straps positively prevent slipping up or down or coming off in the water. ONLY STAY-A-FLOAT has this very important safety feature.

PLAY ON WATER -- PLAY SAFE

STAY-A-FLOAT

With Stay-A-Float you can take the children with you boating and fishing without worry or fear. It will be good for them to enjoy the thrills of healthful water sports — in SAFETY. Sold in department,



THE AMERICAN PAD & TEXTILE CO. Greenfield, Ohio
CANADIAN BRANCH — CHATHAM, ONTARIO

Do FALSE TEETH

Rock, Slide or Slip?

FASTEETH, an improved powder to be sprinkled on upper or lower plates, holds false teeth more firmly in place. Do not slide, slip or rock. No gummy, gooey, pasty taste or feeling. FASTEETH is alkaline (non-acid). Does not sour. Checks "plate odor" (denture breath). Get FASTEETH at any drug store.



INSTANT RELIEF

NEVER wait! Promptly protect sore toes from tight shoes with Dr. Scholl's Zino-pads and corns won't ever have a chance to develop! But—if you have corns—Zino-pads will stop painful shoe friction, lift pressure—instantly!

QUICKLY REMOVE CORNS

You'll marvel, too, how Dr. Scholl's Zino-pads quickly remove corns when used with the sep-arate Medications includ-ed. Cost but a trifle.



THE AMERICAN HOME, MAY, 1947



Here's protection for those "unsafe" back and side windows. Keeps prowlers outside
. . . protects loved ones and valuables inside. No interference with operation of lower sash, screens or storm sash. Easy to install, adjustable width. Has smart, trim look of ornamental grille

— but low in price. See your dealer, or write



Win-Do-GARD

LOGAN CO., 607 CABEL., LOUISVILLE 6, KY.

FALSE TEETH KLUTCH holds them tighter

KLUTCH forms a comfort cushion; holds dental plates so much firmer and snugger that one can eat and talk with greater comfort and security; in many cases almost as well as with natural teeth. Klutch lessens the constant fear of a dropping, rocking, chafing plate, 25c and 50c at druggists. If your druggist han't it, don't waste money on substitutes, but send us 10c and we will mail you a generous trial box.

KLUTCH CO., Box 4759-E, ELMIRA, N.Y.



... but here is something that even an all-thumbs guy like me can use to plug holes and cracks around the house.

Reardon's Water Putty—a powder you mix with water as needed. No waste, no caking in the can. Dries hard and can be painted over. Does not shrink or loosen. Good for reseating screws, repairing furniture. Works on wood, metal, plaster, tile. Good, good, good!

Get a can at your hardware, 25 Ctb. Con paint, variety or department store. 25 Ctb. Con

Made by The Reardon Co. St. Louis—Montreal, Makers of BONDEX Cement Paint



REARDON'S
WATER PUTTY

Reading from top to bottom

Baby's own "Do Not Disturb" sign; a Plexiglas nursery plaque in blue engraved with white "Sh-h-h Asleep"

Colorful, musical Cradle Twins combine Cradle Spin and Cradle Gym to exercise baby's back, chest, arms and legs; tinkling bells encourage activity

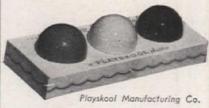
For play pen or bath, 3-Tone Plastic Sound Balls in red, yellow, blue; each with different rhythmic sound. They provide encouragement for creeping

Tenite tray and arms for high chairs are durable, easy to clean; remove tray, swing-up base-chair becomes convenient, practical, low play chair



Eljay Corporation





Tennessee Eastman Corp.





Notice the fine proportions of these 6-paneled Ponderosa Pine doors. Their authentic design dates back to earliest American history. Other charming Ponderosa Pine designs include 8-panel, 4-panel, 2-panel and single-panel doors. You'll want to know more, too, about Ponderosa Pine louver doors, french doors, shutter doors and mirror doors.

Put friendliness into your living room—with the cheerful warmth of Ponderosa Pine! Choose Ponderosa Pine paneled doors with delicate lines that reflect the glow of your hearth fire—windows that combine beauty with wood's natural insulating qualities. Ponderosa Pine is the friendly wood—friendly because of its clear-grained beauty ... friendly to your purse because its smooth surface holds paint and stays fresh through the years.

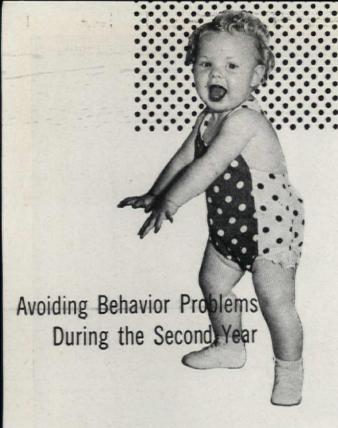
"NEW IDEA BOOK TELLS HOW!"

A Ponderosa Pine booklet—"Today's Idea House"—contains dozens of photographs showing you how to plan beautiful, friendly interiors with Ponderosa Pine stock design doors and windows... contains pointers on increasing home comfort, convenience and beauty. For example, this booklet shows you how to plan more and better closets—how to increase convenience and save steps with the right doors—how to have more privacy even in a small home. Send only 10 cents today for your copy of this inspirational book!

FOR FRIENDLY LIVING

Ponderosa Pine

-	*************************
	Ponderosa Pine Woodwork Dept. PA-5, 111 West Washington Street Chicago 2, Illinois
	Please send me a new copy of "Today's Idea House." I enclose 10 cents. (Please print)
	Name
	Address
	City State



Avoiding Behavior Problems During the Second Year



Posea especially for THE AMERICAN HOME by Alice Harris daughter of Alice Faye, 20th Century-Fox star, and Phil Harris

THE second year in the life of a child is very different from the first. I think, myself, that the way a child is handled at this age has more to do with his future adjustment or maladjustment than his experiences at any other period. But before we can decide what's best to do with him, we have to stop and consider what he's like. Through most of his first year, your baby was an agreeable live doll. He slept a lot of the time. Even when awake, he was usually willing to stay in his crib or play pen. When it was mealtime, you could count on him to be hungry. He may have made lots of work for you to do, but he really didn't get in your hair at all.

All of this doesn't change suddenly, on his first birthday, but it does change within a few months. The baby of about the age of a year develops great ambition, and he develops a mind of his own. When he learns to walk, he walks all day long. He soon feels imprisoned in his crib or play pen and insists on getting out. Then he gets into everything. He explores each room and closet in the house. He shakes everything that is on legs. He fits small things into large things and valiantly tries to fit large things into small things.

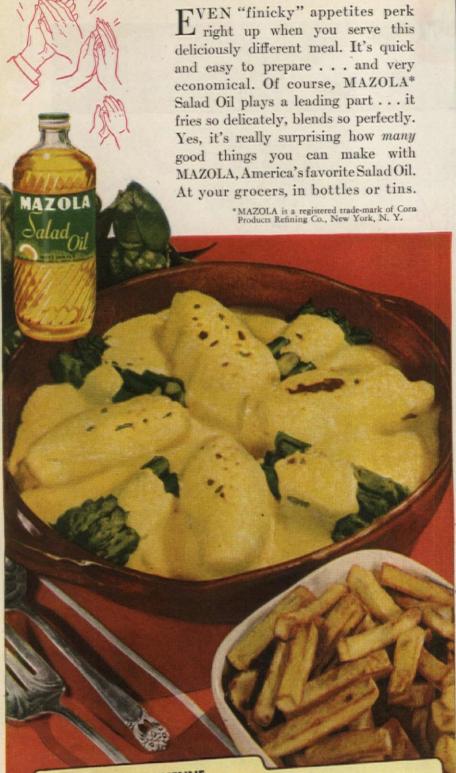
He begins to sense that he has individuality separate from his mother's, and that he does not necessarily agree with her ideas. In fact, he is so eager to test out his will power, that he balks at some of the suggestions that he would really enjoy carrying out. He is exercising his ego, you might say, the way a newly hatched butterfly exercises its wings, experiencing a new power.

His growing sense of will power affects his eating, too. On Tuesday he won't touch the spinach that was his favorite on Monday. This is not all pure cussedness either. His appetite, in general, is not as wolfish as it was in his first year. Then, his chief business was to eat and grow, and he knew it. Now, he seems to realize that he is meant for nobler things, and that food can wait a minute. Another thing that seems to discourage the appetite of some babies during this period is teething, especially the coming of those first molar teeth. Whatever the causes, there is no doubt that a majority of one-year-old children get choosey at mealtime. They turn against some of their vegetables for days at a time. They are apt to get bored with cereal. They may even cut down on the milk they drink. A mother is ill-prepared for all this. She has been trained to believe that vegetables, cereals, and milk are the cornerstones of health. She is inclined to urge and scold and force. In this way, the baby's temporary food dislikes are turned into permanent hates. In addition, he becomes disillusioned and balky toward his mother. It is much better to let him have his changes of appetite substituting more fruit for rejected vegetables, bread and other starches for cereal, and not worrying if the total milk intake

Benjamin Spock, M.D.



Applause... with encores demanded!



FISH PARISIENNE

1 to 11/2 pounds fish steaks or fillets 1 tablespoon MAZOLA Salad Oil Few grains salt

2 tablespoons corn starch

3/4 teaspoon salt 1/8 teaspoon pepper 1 to 2 egg yolks 3 tablespoons lemon juice 1/4 cup MAZOLA Salad Oil 1 pound asparagus, cooked

Brush fish with MAZOLA Salad Oil and place in shallow baking dish. Sprinkle 11/4 cups milk

lightly with salt. Bake in hot oven (425° F.) 20 minutes. Mix corn starch, salt and pepper in a small amount of milk until smooth. Add remaining milk. Cook over low heat, stirring constantly, until mixture thickens and boils. Boil 1 minute, stirring constantly. Remove from heat; gradually add to egg yolks. Then cook 2 minutes longer, stirring constantly. Remove from heat; gradually beat in lemon juice. Add MAZOLA, beating

Arrange asparagus around fish; cover with sauce. Place under broiler until lightly browned. Serve at once. Makes 4 servings.

BROILER FRIED POTATOES

Wash and pare 4 medium potatoes. Cut lengthwise into strips ½ inch thick. Soak in salted cold water 30 minutes. Preheat broiler 5 minutes. Meanwhile, drain potatoes; dry thoroughly. Place potatoes in broiler pan; add 1/4 cup MAZOLA Salad Oil and stir well. Broil about 3 inches from heat, 15 to 18 minutes, stirring frequently until golden brown. Season with salt; serve immediately. Makes 4 servings.

averages only about a pint a day.

A child between one and two comes to take notice of his bowel movements. If he moves them on a toilet or on the floor, where he can see what he has done, he is, at first, interested, then pleased. He may fetch his mother from the next room to tell her what's new, and point with pride. Why not? He has, as yet, no way of knowing that our civilization frowns on such matters. As far as he is concerned, he has created something substantial, entirely by his own efforts.

You can see why it will go against his grain, if a mother is disapproving or demanding. When she sternly sits him on the toilet and insists that he perform at once, she is saying, in so many words, "It's not your movement, it's mine, and you'd better produce it when I say so." Even when there is no parental sternness, a welltrained one-and-a-half year-old may suddenly take it into his head not to perform in the right place. In any case, if the mother decides to battle it out, the child's obstinacy keeps pace. It is not just the training program that suffers, but the child's personality, and his relationship with his mother.

Actually, these training struggles are all unnecessary. The child, in the normal course of his development, passes through the phase of being possessive about his bowel movement. Sometimes, between one and a half and two years old he will give a sign when he is ready. And if he has a chance to see what other people in the bathroom do, he then becomes interested in going to the toilet himself.

If you prefer not to wait until your child practically trains himself, I think you should at least follow these precautions. Don't put him on the seat until he can sit up by himself, and until you know exactly when his movement is due. Even if the child's movement has been caught for some months, stop trying if he begins to resist. Don't put him on for urine until you find him dry for two hours or more-then you will know that his bladder is somewhat ready, and you won't be starting too soon.

An interesting contrast in the one-year-old child is that he develops the urge for independence, and the sense of dependence at the same time. He may cry now every time his mother leaves the room, showing that her company means a lot to him. When a stranger comes too close, he goes to his mother for protection. In his own home, he putters around close to his mother while she washes the dishes, or makes the beds. Then abruptly, he feels the need to explore on his own. He creeps or staggers into the next room. He reaches for ash travs, or shakes the table legs, or tastes specks of dust-all with a great air of going about his own business. Then suddenly, he has had enough of boldness and independence. He scampers back to his mother to get a measure of company and security. He satisfies each need in turn. Knowing that he can have his dependence



B in B Mushrooms are a special, extraflavorful variety, picked at the peak of their flavor, then prepared and packed in their own delicious broth at top speed to retain their fresh, delicate goodness. All mushroom crowns, no stems. Large crowns in the 6-oz. can; smaller, but equally flavorful "button" crowns in the 3-oz. can. And remember-





Good-By to KITCHEN HEAT and ODORS with an EMERSON-ELECTRIC KITCHEN VENTILATOR

Now your menu can stay secret 'til served! N more tell-tale odors drifting to other room No more sweltering in a stuffy kitchen. You Emerson-Electric Kitchen Ventilator quick whisks out offensive cooking odors, stear smoke and excessive heat, saves wall covering and furnishings, cuts cleaning and redecora ing bills. Adjustable to wall thickness. If you' building or remodeling write for Folder No. 51

ENJOY Summer Comfor with an EMERSON-ELECTRI HOME COOLER FA



Installed in attic, this stur fan quickly pushes out day accumulation of hot a pulls in cool night air th open windows and doo

THE EMERSON ELECTRIC MFG.





MAKE THEM WITH DUFF'S

All the fine ingredients for perfect mussins are smoothly blended in this complete, fully-prepared Duff's Mix. Saves time . . .



DET OF AMERICAN HOME FOODS

when he wants it gives him the courage he needs to be independent.

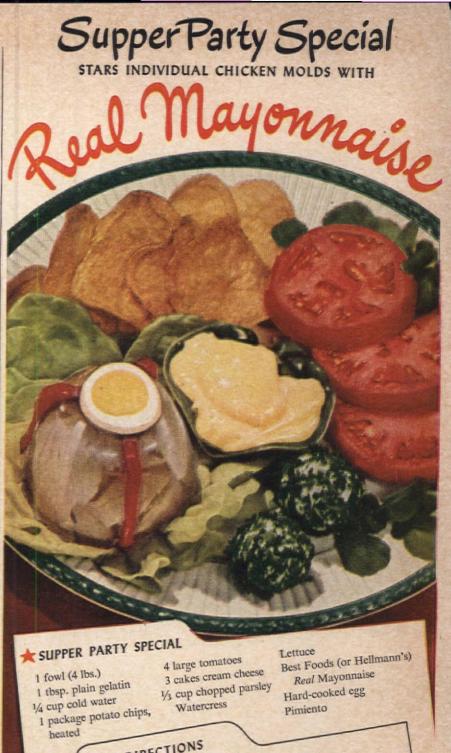
The amount of freedom a child is to have brings up the subject of control or discipline. There is no doubt that a one-year-old is hard to manage if you go at it in the wrong way. He has an intense urge to get into everything . . . yet he has no reasonableness, and very little respect for authority. The parent can only rely on distraction, and on arranging his surroundings so that minimum interference is necessary. No child can stand hearing "No, no," all day. But if the house is arranged so that he can wander around experimenting, then the job of keeping him out of mischief is not too hard. In the beginning, at least, he should be briskly removed and immediately distracted to something that is at least as interesting as what he has in mind. He learns in this way, after a few repetitions, just as quickly and more easily than if he were spanked.

Some parents get into trouble with discipline by trying to be too strict. They keep raising issues and battling them out, when a little distraction would have done a lot better. Others, trying to keep away from severity, torture themselves and their child with too much talk. They try to steer him with reasons, most of which are too deep for him to understand. And the gentle warnings that he can understand are even worse, because they stimulate his imagination in a morbid direction, and turn him in upon his own thoughts. In a general way, the child with overexplanatory parents becomes confused by choices, and loses some of the confidence he should be getting from adults.

The child of all ages, but particularly between one and two, is comforted by being led firmly but cheerfully. If he's in a bad mood outdoors, when it's time to come in, don't be afraid to pick him up cheerfully, even if he yells. It gives him security, in the long run, to know that you know what you're doing.

HAVE left to the last the most important topic of all: "outgoingness" toward people. If a child goes regularly to the playground or to visit where there are other children, he gets used to their noisiness, their lack of gentleness. He can't be left on his own yet, and usually he can't join in. But he comes to enjoy being near children and watching them. Then, when he is old enough to take part, he'll be ready and eager to do so.

He needs to see strange adults, too. in his second year, so that he won't think of his parents as the only reliable people in the world. A child will lose his friendliness at this age, if he is always with parents or others who dote on him so excessively, or fuss at him so constantly, that he never has a chance to be outgoing himself. But if he is allowed to take the initiative, to go on winning affection from others by his own affectionateness, his likelihood of developing into a happy older child and a successful adult will be very great.



DIRECTIONS

Cook fowl in water to cover, seasoned with salt, onion, and celery leaves. Soak gelatin in water. Dissolve in 2 cups hot strained chicken stock; allow to cool until sirupy. Place sliced breast of chicken around the sides of six 6-oz. molds. Fill molds with rest of chicken, diced. Pour thickened gelatin mixture over chicken, filling cups, Chill. Unmold on lettuce leaf, and garnish with pimiento strips and egg slices. Serve with cheese balls rolled in chopped parsley, sliced tomatoes, watercress, potato chips and Best Foods (or Hellmann's) Real Mayonnaise. Serves 6. It's fancy enough for a party . . . filling enough for the menfolks . . . and delicious enough to serve to

In Recipes Galore

In salads, soups, as a spread, or as a sauce for hot vegetables, Real Mayonnaise is decidedly a magic touch . . . so rich and flavorful. Being real mayonnaise-not "salad dressing"-Best Foods (or Hellmann's) Real Mayonnaise contains no starchy filler. It's pure mayonnaise—all mayonnaise: eggs freshly broken from the shell, added egg yolks, our own "Fresh-Press" salad oil, mild vinegar, and spices-all double-whipped to that famous smooth-as-silk texture. Best Foods (or Hellmann's) Real Mayonnaise is so rich and pure that even when thinned with milk or fruit juice it's still creamy in texture—rich in flavor.







"Wicker Dale" Spode—Copeland and Thompson; Metal Fruit Bowl—America House; Crystal Plates—Cambridge Glass; Lucite Food Cover—Hunton Plastics; Cloth and Napkins—John Matouck; Tile Tray—Carol Janeway; Jam Jar—Viking "Norway" Wallpaper—Katzenbach & Warren; Photographs by F. M. Demarest PLUMP TENDER

kitchen-fresh Frankfurters

MADE OF FINE ARMOUR BEEF AND PORK



Hot Supper-in a Hurry!

A double-quick dinner—that's doubly good! Armour Star Frankfurters with Armour Star Chili Con Carne! And what a fine fresh flavor these frankfurters have... because they're plump with Armour beef and pork! Flavorful, tender pork and beef at their fresh-tasting best! For Armour Star Frankfurters are made "Kitchen-Fresh" daily in scores of Armour Kitchens all across the country and rushed from the nearest one to your market. Have them this way soon:

Chili Red Hots

Heat 1 lb. of Armour Star Frankfurters this way: Have a pan of boiling water, add frankfurters, remove pan from heat, cover tightly and leave for 7 or 8 min. Heat 1 can Armour Star Chili Con Carne to boiling. Arrange frankfurters in a deep platter, pour the Chili Con Carne over them. Serve with slices of French bread that have been buttered, topped with dill pickle slices and heated in 400° F. oven for 10 min. or until lightly browned.

For other new and interesting sausage recipes, write Marie Gifford, Dept. 62, P. O. Box 2053, Chicago 9, Ill.



The best and nothing but the best is labeled ARMOUR*

here, use The American Home recipes that follow.

At breakfast, color is found in linen, in flowers, but especially in fruit. It is not necessary that neach individual fruit plate be arranged by the hostess... at a buffet it is possible to group the fruits in splendid array on a large glass serving dish. Then each guest can arrange a fruit plate according to taste. But, if the plates are hostessarranged, the amount of fruit required is smaller, and a color pattern easily established.

Fruit Plate Suggestions:

1. Honey dew melon, with lime sections: pineapple cubes, with leaf spray; strawberries. 2. Scalloped orange cup with mint; strawberries with sugar mound on galax leaf. 3. Tomato juice, cluster of chilled grapes; moist-dried figs. 4. Baked apple, chopped nut filling; stewed prunes; sliced banana ring with lemon. 5. Banana, served on section of peel; orange sections; strawberries on galax leaf. 6. Orange juice; fresh red or black cherries; dried figs or nut-stuffed prunes. 7. Peach half, filled with sliced strawberries; melon balls with chopped mint.

The heavier portions of this meal can vary with the weather. If very warm, serve several of the cold, ready-to-eat cereals, and offer a mixture of very cold milk and cream, half and half will make a rich enough blend. If the weather develops a sudden chill or there is a tendency toward rain, add a tureen of hot whole-grain cereal, and use less cream with the milk. This takes away from the solid quality a hot cereal might have in May, the first of the warm months.

Eggs, scrambled or fried to order, can replace or be served with the sausages. Bacon always is a good alternate. If the meal is to last far into the morning, perhaps creamed mushrooms on toast with bacon curls for garnish would find welcome . . . and creamed chicken could turn this meal into the large one of the day. Just start the meal with fruit, end it with a sweet.



Preparation time: 21/2 hours

2 cup sugar 3 cup butter or margarine 2 tsp. salt r cup scalded milk

14 cup lukewarm water 2 eggs, well beaten eggs, well beaten

Allow to stand until lukewarm. Dissolve yeast cakes in lukewarm water and add with eggs and flour to the first mixture, mixing until batter is stiff. Place in a greased bowl, cover and let rise in a warm place until double in bulk. Cut down and knead on a floured board for about 1 minute; then divide and roll dough into two large rectangles, about 1% inch thick. Spread lightly with orange jelly or two large rectangles about 5 inches long and ½ inch wide. Turn on its side so the strip; then roll the other end into a small swirl to the left-hand side of the strip. Let rise in a warm place for about 45 minutes. Bake in a moderately hot oven (400° F.) for about 10-12 minutes. 334 cups sifted flour Orange jelly or marmalade cakes compressed yeast

50 cal. per twist Source of vitamins A, B complex Makes 50 small twists

Tested in The American Home Kitchen

 May morning prownies

Preparation time: 45 min.

cup sifted flour tsp. baking powder

14 tsp. salt 1/3 cup butter or other shortening 2 squares unsweetened

chocolate

2 eggs, well beaten 1/2 cup chopped walnuts I tsp. vanila flavor cup sugar

over boiling water. Add sugar gradually to eggs, beating thoroughly; add chocolate mixture and blend. Add flour and mix well, then add nuts and vanilla. Bake in a greased 8-inch square pan in a moderate oven (350° F) for 30 minutes, While still warm, cut in squares or bars. Cool in the pan. SIFT flour with baking powder and salt, Melt butter and chocolate

Makes 2 doz. brownies 90 cal. per brownie Source of vitamins A, B complex

Tested in The American Home Kitchen

Preparation time: 11/4 hrs.

cup sifted flour ½ tsp. salt 2 eggs, beaten

I cup milk 2 tsp. melted shortening

Jetace greased, heavy custard cups in a hot oven (450° F) to heat, just before starting to make popovers. Sift flour and salt together. Combine eggs and milk and stir in the flour mixture. Add shortening and beat with a rotary egg beater until smooth (about 2 minutes). Fill the hot, greased custard cups ½ full and bake in a hot oven (450° F) for 20 minutes. Then lower the heat to a moderate oven (350° F) and bake for 40 minutes, or until popovers are firm, brown and, when tapped, sound hollow. Serve with honey thinned with warm, melted butter and chopped nuts, if desired.

Makes 6 large popovers

150 cal, per popover

Source of vitamins B complex Tested in The American Home Kitchen

Preparation time: 11/2 hrs.

banana loaf

134 cups sifted flour
2 tsp. baking powder
14 tsp. baking soda
1/2 tsp. salt
1/2 cup coarsely broken walnuts

eggs, well beaten cup mashed ripe bananas 1/3 cup shortening cup sugar

(2-3 bananas)

Sirr together the flour, baking powder, soda, and salt and stir in the nuts. Cream shortening well. Add sugar gradually, and continue to cream until light and fluffy. Add eggs and beat well. Add flour and nut mixture alternately with mashed bananas, a small amount at a time, beating after each addition until smooth. Turn into a well-greased loaf pan 8½ x 4½ x 3 inches. Bake in a moderate oven (350° F) for about 1 hour or until done.

To

easy eating, peel rind back, petal fashion. Separate each segment

Source of vitamins A, C, B complex 2190 cal. per loaf Makes I loaf Tested in THE AMERICAN HOME KITCHEN

soft molasses

make cut orange

scallops

Preparation time: 20 min. (chill overnight)

cup molasses cups sifted flour tsp. baking soda tsp. ginger cup shortening

1/2 tsp. cloves
1/4 tsp. nutmeg
1 tsp. salt
1 cup sour milk
Raisins cinnamon tsp.

ginger, cinnamon, cloves, nutmeg and salt, and add alternately to the first mixture with the sour milk to form a soft dough. Chill dough in the refrigerator overnight, or for several hours. Roll out on a floured board about $\frac{1}{24}$ inch with a raisin. Place cookies on a greased baking sheet far enough apart to prevent cookies from coming together during baking. Bake in a moderate thick. Cut with a round, 3-inch, scalloped cookie cutter. Decorate each cookie UREAM shortening and sugar. Add molasses. Sift flour with soda, oven (375° F) for 5-8 minutes.

Makes 60 3-inch cookies 42 cal. per cookie Source of vitamins A, B complex Tested in The American Home Kitchen cinnamon crunch

Preparation time: 45 min.

enormous popovers

4 tsp. salt tsp. cinnamon s cup shortening cup sugar cup sifted flour egg, separated

1/4 tsp. vanilla flavor 3 tbs. sugar 14 tsp. cinnamon 14 cup chopped nuts

2 tbs. milk

dough in an ungreased 7 x 11 inch pan. Beat egg white slightly and spread over surface of the dough. Combine remaining 3 tbs. sugar, ¼ tsp. cinnamon and nuts and sprinkle evenly over the top. Bake in a moderate oven (350° F) Sift together flour, salt, and ¼ tsp. cinnamon. Cream shortening, gradually add the ½ cup sugar, and cream thoroughly. Blend in beaten egg yolk, milk, and vanilla. Add flour mixture gradually and mix well. Spread

for 30 minutes. While still warm, cut in bars or squares. 61 cal. per bar Makes 24 bars

mold

Sugar-dip your own fruit. Firmly 4x sugar into an egg cup and unonto a leaf. Serve with strawberries To serve wedges of fresh pineapple: scrub and pare fruit; cut diagonally around each eye to core, remove wedge pack

Tested in THE AMERICAN HOME KITCHEN Source of vitamins A, B complex

Hot and Savory...

In warm weather the sandwich takes on great importance. This food saves the cook's time, saves on dishwashing, makes self-service an acceptable method of family food distribution. Just one thing can throw sandwiches off balance as far as proper food nutrition is concerned. If bread is thick, and the filling thin, they often make soggy, compact eating. So, offer relishes liberally. Present with sandwiches, a platter of lettuce leaves, radishes, scallions, celery hearts, apple wedges, raisins, carrot sticks or shreds, cucumbers, tomato sections, sprigs of water cress, olives, pickles or any other well-loved bit of spicy flavor and crispness. Offer all or just one of these.

The idea is not merely to get another vegetable into a somewhat restricted meal (which, by the way, it does), but to break up the solid, heavy flow of bread and meat into the stomach, encouraging better chewing, waking a brisk appetite.

Many nationally favorite food combinations are fortunate combinations nutritionally. Bread and milk, bread and meat, have achieved this type of popularity. Recent nutrition research explains that when these foods are eaten together they do more to promote growth—that is, in building and repairing the body—than the same foods do when they are eaten separately.

Although wheat foods are thought of generally



Preparation time: 30 min.

2 ths. butter or margarine I ths. curry powder 4 ths. flour 2 cups hot chicken broth 1/4 cup minced onion

cup heavy cream hard-cooked eggs, sliced r cup heavy (6 hard-cooked Salt 6 slices toast Curry powder and flour and stir until well blended. Gradually add chicken broth and onions, and cook 15 minutes or until the mixture thickens. Add cream and cook 5 minutes, and salt, if needed, and heat a few minutes longer. Serve hot on toast.

315 cal, per serving Serves 6

B complex Source of vitamins A,

Recipe submitted by Margaret Klein; Toaster, courtesy Sunbean

Tested in THE AMERICAN HOME KITCHEN

Preparation time: 20 min.

 grilled cheese with red devil sauce

Preparation time: 25 min.

tbs, butter or margarine tbs, flour

I cup minced chicken

cups milk

1/2 lb. American cheese 6-8 slices of bread 2 tbs. butter or margarine 1/4 cup chopped onion

½ cup chopped green pepper
 2 tbs. chopped parsley
 I (10½ oz.) can condensed tomato soup
 Dash of tabasco sauce

SLICE cheese and place on slices of bread which have been toasted on one side. Put under broiler and broil until cheese melts. Remove sandwiches to a hot platter and serve with red devil sauce made as follows: Melt butter in a saucepan; add onion, green pepper, and parsley, and simmer about 8 minutes. Stir in the tomato soup and a dash of tabasco sauce and heat thoroughly.

Source of vitamins A, C, B complex 345 cal. per serving Serves 4-6 Tested in The American Home Kitchen

min.

Preparation time: 20

and mustard savory egg

> Ib. processed American cheese hard-cooked eggs 3 tsp. grated onion

i tsp. prepared mustard 6-8 slices of bread

and mustard to cheese and egg through a food chopper. Add onion, curry, salt and mustard to cheese and egg and mix well. Toast slices of bread on one side. Spread cheese mixture on the untoasted side of bread. Place under broiler and broil until cheese is bubbly.

Serves 4-6

307 cal. per serving

Broil-O-Mat, courtesy Rival Mfg. Co.

Tested in The American Home Kitchen

Preparation time: 20 min.

quick cheese pizza

Leeak apart muffins. Toast until slightly crispy. Thinly slice tomatoes and place one slice or 2 tbs. stewed tomatoes on each muffin half. Then add either 2 anchovy fillets or a dash of rosemary. Add another layer of tomato or stewed tomatoes and top with a slice of cheese. Sprinkle with olive oil, salt and pepper. Place under broiler and broil until cheese melts. 3 ripe tomatoes or 11/4 cups drained, stewed tomatoes 24 anchovy fillets or dash of rosemary English

thin slices of cheese 12 thin slices of C Olive oil Salt and pepper

Cut off curving ends of melon wedge for easy eating. Cut the meat into neat sections and serve with a slice of lime

Source of vitamins A, C, B complex

335 cal. per serving

Broil-O-Mat, courtesy Rival Mfg.

Tested in The American Home Kitchen

chicken with French toast

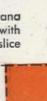
Sprinkle lemon juice on banana to prevent darkening. Score banana with fork to make fancy edge on each slice

with salt and pepper. Spread chicken on 4-6 slices of bread and top with the remaining slices of bread. Combine eggs and the remaining cup of milk and season with ½ tsp. salt and a dash of pepper. Pour into a shallow dish and place sandwich on a perforated ladle and dip into the egg and milk mixture. Spoon part of the mixture over top of each sandwich so that both sides of sandwich are coated. Brown on both sides, on a greased griddle or in a skillet. Serve hot with currant jelly.

Met butter in the top of a double boiler over boiling water. Add flour and stir until blended. Gradually pour in I cup milk and cook, stirring constantly until the mixture thickens. Add minced chicken and season to taste

Pepper 8-12 slices of bread

2 eggs, beaten



Chinese chicken

with almonds

toasted, shredded almonds

Pepper 1/2 cup

cups cold chicken broth

qts. boiling water

1/2 qts. bo tbs. salt cup rice

cups minced chicken

Preparation time: 25 min.

in THE AMERICAN HOME KITCHEN

Source of vitamins A, B complex

310 cal. per serving

Serves 4-6

Sandwich Grill, courtesy General Electric

with generous amount of lemon juice, even before removing pit, to prevent darkening

Cut avocado and sprinkle at once

ready to serve place on plates and shape into squares. Over this pour minced chicken made as follows: Mix broth and cornstarch thoroughly in the top of a double boiler. Place over boiling water and cook, stirring constantly until mixture thickens. Add minced chicken and season to taste with salt and pepper. Source of vitamin B complex Tested in THE AMERICAN HOME KITCHEN Cook rice in boiling, salted water until tender. Keep warm and when

toasted almonds.

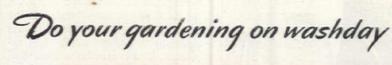
Top each serving with a sprinkling of

complex

Source of vitamins A, B

253 cal. per serving

Serves 6



THE BENDIX DOES THE WASH



... without you!



Only the Tumble-Action principle of the BENDIX washes clothes so clean, so gently...with so little hot water and soap...and no work at all!

EVEN YOUR GARDEN TOGS don't get too soiled for the Bendix' thorough Tumble-Action cleansing. It tumbles clothes hundreds of times in extra-active suds. And every load gets fresh soap-and-water sudsing, so clothes never get that dirty water dullness, from chilled-off water and soil-weakened suds.

YES! Plenty of hot water left for your shower—thanks to the Bendix Water-Saver Cylinder, that uses gallons less hot water. And with less water in the cylinder, you need lots less soap, too.

NOW PASTELS ARE "PRACTICAL"—because

your Bendix washes them fresh and lovely—with Tumble-Action so gentle you don't need to do them by hand. There's no agitator wear and tear. And with Bendix' Triple Rinsing those colors stay clearer, brighter—linens wash daisy white.

WHAT A REPUTATION! For nine whole years the Bendix has been doing such a wonderful job of workless washing, that now you'll find the Bendix in half a million homes. See why the Bendix is the favorite. See the Bendix demonstration at Guaranteed by your nearest dealer.



See the new Bendix automatic Ironer Bendix automatic Dryer



BENDIX

automatic

Home Laundry

AVAILABLE IN CANADA AND MEXICO

BENDIX HOME APPLIANCES, INC., SOUTH BEND 24, INDIANA



as energy or fuel foods, the grain having a high percentage of starch, the small percentage of protein in the grain deserves full mention. This is especially important in the less expensive diets containing a great deal of bread and cereal. The protein of wheat is not what nutritionists call a complete protein. It is deficient in at least one of the amino acids-lysine. Meat and milk are rich in lysine. When either of these foods is eaten with bread or cereal, it makes the protein of the wheat more fully useful.

Recent experiments by the Bureau of Animal Industry, U. S. Department of Agriculture, show how pork, for example, adds to the growth-promoting value of bread when eaten with it. Mixtures of pork and bread together, half and half, proved equal in growth-promoting value to pork alone. So go ahead, enjoy the sandwiches that make summer meals easy.

For a "company sandwich meal," serve one that is hot and savory. Make use of the bright table equipment designed to produce a sandwich hot, and to order. For instance, those small table broilers will bring a mock pizza to a point where its melting fragrance is irresistible, and in a very few minutes. Or a mixture of hard-cooked eggs, sound seasonings, and cheese will puff up to a delicate heartiness under direct heat. This is excellent with soup or green salad.

Hard-cooked eggs, sliced and reheated in a very creamy curry sauce. are a delight. A heavy casserole will keep them hot, and a pop-up toaster will bring toast to the plate, brown outside, still soft inside, as perfect accompaniment to such flavor. Puffed cheese sandwiches are difficult to keep at the point of perfection, but if served with a chafing dish sauce of tomatoes and tabasco, they can at least stand fifteen minutes.

A croquette mixture of any mild-flavored leftover roast . . . chicken, duck, lamb, veal, makes excellent filling for French Toast Sandwiches. Make up the sandwich, as usual, then dip quickly in a mixture of milk and egg. Do not soak, but immediately brown, first on one side, then on the other, in a little hot butter or margarine. Serve at once with a tart-flavored jelly; currant or cranberry will bring out the flavor.

Then last, as a change from bread, let rice be the cereal food. Place a square of it, about an inch thick, and about the size of a slice of bread, on a warm serving plate and spoon minced chicken in gravy over it.

Ever been asked to order mayonnaise for 100 sandwiches? To make coffee or punch for the P.T.A.? To put on a church supper? If not, your turn will come. Send for our leaflet "Index to Quantity Recipe Information". Here we have listed and described over 30 booklets, now available on request from the food manufacturers printing them. These booklets will insure a successful end to any amateur catering adventure . . . the list is yours for 6 cents. Send for leaflet #171, The American Home, 55 Fifth Ave., New York 3, New York

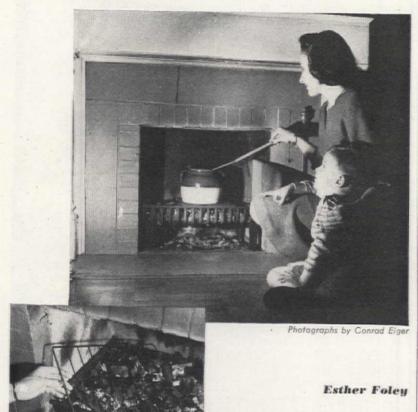




Enjoy lots of quick-fix meals this Spring . . . just serve Morton's Noodle Chicken Dinner! Heat and eat, that's all. Delicious eating, too. Tender chicken simmered in golden broth, plus rich eggnoodles, perfect seasoning. Keep several jars on hand for more kitchen freedom.



Conquer Twilight Chill



Simmer beans, soups, spareribs, braised lamb ribs, or any long-cooked food over open fire

mer the heat of a furnace is much too much. But in the evenings, when the sun has gone and the heavy dew sends a chill indoors, some source of heat is a comforting and a necessary thing. At this time, the fireplace comes into its greatest usefulness. Properly built, a coal fire will burn for hours... and it can be used to cook beans, to stew oxtail or soup, to simmer spareribs, as well as to warm damp rooms. So, some cool evening plan a fireplace dinner. Serve the food directly from the pot in which it was slowly cooked.

Anthracite is the most lasting, the cleanest fuel to burn in a basket grate. But there is a trick to starting the fire which gives value for the fuel used. A good, quick-burning base must first be laid. Build a deep charcoal, wood, or cannel coal fire the full width of the grate, and do not add anthracite until the base is glowing hot. Then add the hard coal. Stove or chestnut are the sizes recommended.

If, in order to economize, a small base is laid, and the hard coal added in the hope that the fire will crawl sideways, extending itself, the economy turns into waste, as the fire will go out. A good wide, hot base is the important step toward a fine fire.

To clean the fire, and to keep it bright, run a poker through the slots of the grate, and work the ashes through the bottom of the basket. Fresh coal can be added to the top of the fire. Where the basket grate is narrower than the width of the fire-place opening, block the empty space by piling bricks between the sides of the fireplace and the grate. This will encourage the formation of a good draft through the bottom of the grate, up through the coals. Otherwise, unnecessary draft goes up the chimney.

A rack from the oven of the kitchen range serves as a rack for fireplace cooking. Brace it well

When a cold spell sets in, the fire can be made to burn all day and night. Clean the ashes out with a poker once or twice a day, damp them down, and send them into the cellar through the chute, or collect them in a coal skuttle and dispose of them later.

After the fire has reached a steady glow, a rack from the oven can be laid across the basket. This forms a steady seat for the bean or soup pot. Place an asbestos mat on the rack, and the bean pot on top of that. Cover closely, and let it cook away, seven or eight hours. An iron Dutch oven, or a heavy pot does not require protection of an asbestos mat.

Chops, small steaks, or hamburgers can be broiled over a fire, if a long-handled fork or tongs is available. But in the house, in the interests of accident prevention, it is best not to cook foods that drip and spatter fat.





Make it tasty make it tempting ... make it Barbecued!

Turn yesterday's roast into an exciting new dish . . . just by simmering slices of it in Derby Barbecue Sauce. Here's real, old-time barbecue flavor that cooks zest and goodness into dozens of recipes. Send for new Barbecue Recipe Booklet that tells how to barbecue . . . indoors and out.





A Ho-Hum Party Is FUN!

Nell Bates Penland

Here's a really new party idea for .

teen agers and "dated-up" brides-to-be

TEEN-AGE girls are becoming harder and harder to entertain, because they attend so many parties that it's almost impossible to find a new idea with which to amuse them. I struggled for something a little different, and then my honoree gave me the clue I needed. She said, "We're having a wonderful time, but we're so tired we could cry." I knew they were tired. They had rushed around for weeks, with hardly time to dress or rest between dates. And they bemoaned the fact that there was never an opportunity to go to a beauty shop, or to do their nails.

This situation was my inspiration for a Ho-Hum party, an appropriate idea for a farewell party to girls leaving for college, or a night or afternoon party for a busy working girl or a bride-to-be. It becomes an amusing interlude, during their siege of parties, in which the girls have a chance to rest, or to catch up on all the necessary little personal chores they have had to neglect.

I wrote the invitations on plain white correspondence cards, and in

the left corner I pasted a colored picture of a young girl giving herself a facial while relaxing on a sofa. There is plenty of opportunity for originality here; pictures may be drawn, or cut from magazines. I made up the following invitation jingle:

Ho-hum, you need to relax-Come to my party in shorts or slacks. You can sit on the floor, Or lounge in a chair. You can do your nails, Or roll up your hair, Give yourself a facial, mend a dress. Maybe there's something you'd like me to press? Carolyn Beasley is the honoree, And, like you, she's tired as can be. Come let's be gay, yet lazy, too. (Date, time) I'll be looking for

I was a little afraid that the girls might not enter completely into the spirit of the party. I knew they'd

(Hostess' name and address.)

wear shorts or slacks, and be delighted: beyond that I was not certain. But my fears were groundless. They loved having time to change the polish on their nails and to roll up their hair for the next party. When they discovered I had a small electric hair dryer, several of them shampooed their hair. They stretched out on the divan and on the beds in the guest room. They danced, played the piano, sang, relaxed.

I worked out two contests in case time should drag, but I was hardly given the opportunity to get them in, I called one, "Carolyn Beasley, Sweet Girl Graduate." I asked them to make sentences out of the words, starting each sentence with "Carolyn," and not using those letters again in the sentence. For example: "Carolyn yells." "Carolyn tells." "Carolyn eats." They derived a surprising number of sentences. My prize for the winner of the contest was a box of bright nail polish.

The other contest was "What Carolyn Will Wear At College," a jumbled list of everything a girl might wear. The only words I thought would give them troubles were "fraternity pin" and "corsages," but the blase young things had more difficulty with "housecoats" and "evening dress!" Here is a list of my variations on the familiar words:

Pssil (slips); Kacsls (slacks); Resessd (dresses); Stha (hats);

THE AMERICAN HOME, MAY, 1947

Address.

GLASER, CRANDELL CO.

Send copy of your FREE book of barbecue

recipes and suggestions for indoor and

Dept. F5, Chicago 8

outdoor barbecues

"Now I make light work of my light woodwork"

New-type cream wax polish has wonderful cleaning power... gives woodwork a dry wax finish that fingerprints and dirt won't stick to

At last an easier way to keep all the light woodwork in your home spotlessly clean!

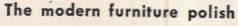
It's safer than scouring with harsh cleansers that are injurious to painted surfaces...it's better than soap-and-water scrubbing that leaves woodwork a perfect target for tomorrow's dirt.

An occasional application of Johnson's Cream Wax not only cleans woodwork beautifully but also leaves a protecting wax film that *keeps* it clean.

Nothing could be simpler! Two active cleaning ingredients in Johnson's Cream Wax quickly remove stubborn smudges and fingerprints. The wax, remaining, takes on a lovely polish... that resists soiling and spotting. Woodwork glows with mellow beauty.

When you go shopping, be sure to ask for Johnson's Cream Wax...the new creamy-white wax polish developed especially for woodwork, furniture and white kitchen equipment ...the only cream polish containing genuine Johnson's Wax.





Old-fashioned furniture polishes afford no protection and leave an unpleasant, oily residue. Not so with Johnson's Cream Wax—it cleans swiftly, seals surfaces against dirt and fingerprints with a hard, dry, lustrous finish. It gives unequalled beauty to table tops, sideboards, radio cabinets...antique or modern pieces.

JOHNSON'S Cream WAY

FOR FURNITURE
AND WOODWORK

Pull up a chair, they're on the air! Fibber McGee and Molly Tuesday night — NBC

FIVE FAMOUS JOHNSON POLISHES

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



Gnibhta (bathing suit); Stienap (panties); Heso (hose); Maasjap (pajamas); Ritshs (shirts); Thsors (shorts); Tkssir (skirts); Sgerasoc (corsages); Oshes (shoes); Ssred Veeginn (evening dress); Yitertnarf Ipn (fraternity pin); Aotc Ouhes (house coat); Wsaersts (sweaters); Xos (sox); I gave a cosmetic prize to the winner of this contest.

Room and table decorations for an informal party like this one could be anything the hostess prefers. I used garden flowers: roses, nasturtiums, sweet peas, and larkspur. The centerpiece for the dining table was a large, varicolored garden hat holding a concealed bubble bowl filled with nasturtiums and sweet peas. Two bluebird containers filled with flowers were placed on either side of the hat. Small dolls, dressed in bright-colored dirndl skirts and blouses, represented the high-school girls. The refreshments were served buffet style in a most informal manner. A basket tray held the soft drinks, and small green garden hats were filled with sandwiches, cheese straws, cookies, and nuts.

Another party for a busy group of gals is a slumber party-unless, of course, they choose to play the radio and talk all night as some crowds do! At a recent dinner-and-spend-thenight party for eight girls, the centerpiece was eight small potted plants intertwined with trailing ivy and white gladiolus. The small plants were given to the guests as party favors at the close of the buffet dinner. Place cards were paper napkins embossed with the guests' names.

Before retiring, each guest was asked to do a stunt, sing a song, give a talk, dance, or pantomime-antics which proved delightful.

Magazine pictures showing girls in bed were marked clearly with the guests' names, and told each girl where she was to sleep.

Ho-Hum! We all need to relax! So why not make your next party a really restful one?

ASCINATION, a quiz by Alfreda Lee, might very well be used successfully at a Ho-Hum Party.

What qualities must a woman possess to be fascinating? Following are a few of the essentials, slightly jumbled. Can you unscramble them? Rearrange the letters in the given words, or in the groups of words listed below, to form those qualities that contribute to fascination.

Scrambled Words

- I. Laurel
- 1. Allure
- 2. Tidy Gin
- 2. Dignity

Answers

- 3. Cage R
- 3. Grace
- 4. Foot Vices
- 4. Soft Voice
- 5. March
- 5. Charm
- 7. Apple Axes

6. Paltry Noise

- 6. Personality 7. Sex Appeal
- 8. Bar Sin
- 8. Brains.
- Roll
- 9. Mexico Pecan 9. Clear Complexion
- 10. Fine Tea Rug 10. Neat Figure



BEAUTIFUL NEW Shiny Aluminum BREAKFAST SETS

All the gleaming beauty of chrome with the lightness and strength of durable aluminum. Rust-proof, guaranteed finish. Smartly designed stainless Porcelain tops. Sturdy, balanced 4-leg construction gives chairs solid support. Back shaped for comfort. Modernizes the kitchen, adds utility.

At Better Dealers Everywhere Douglas Furniture Corp., Cicero, Ill.





THE AMERICAN HOME, MAY, 1947

Now! Greatest Servel Ever Made!

BIG FROZEN FOOD LOCKER

MOIST COLD, DRY COLD

1947 GAS REFRIGERATOR STORES A BUSHEL OF FROZEN FOODS...STAYS SILENT, LASTS LONGER



Put up to 60 packages of frozen meats, vegetables, fruits, biscuits into the big Servel Frozen Food Locker. You'll save hours of shopping time, enjoy delicious out-of-season foods all year round. There's plenty of room in Servel for freezing sparkling ice cubes, too. And the new Gas Refrigerator brings you the newest and best in modern storage



Store garden vegetables and fruits in the big Servel dew-action fresheners. Salad greens actually crisp up, perishables stay safe, appetizing. And fresh meats keep tender for days in the Servel meat keeper. You've extra roominess too, because shelves adjust to eleven positions. They're Plastic Coated for utmost in rust-and-scratch resistance.



Best of all, there's no machinery in the freezing system of the Servel Gas Refrigerator-no moving parts! 2,000,000 happy owners will tell you, "Servel stays silent, lasts longer." A tiny gas flame takes the place of motor, valves, pistons and pumps. There's nothing to cause noise or wear, ever.

NO NOISE, NO WEAR

STAYS SILENT ... LASTS LONGER

The GAS Refrigerator

Come to your Gas Company or neighborhood dealer . . . See the wonderful new 1947 Servel Gas Refrigerators. (For folks on farms and in the country, Servel runs also on Bottled Gas-Tank Gas-Kerosene. For information write Servel, Inc., Evansville 20, Ind., or if you live in Canada, write Servel Ltd., 457 King St., W., Toronto 1, Ont.)



Imagine! Man-size pieces of o-so-tender beef, golden carrots, pearl-white potatoes, taste-tingling onions, and plenty of luscious gravy! That's beef stew at its best, PRESTO Cooked

In a Presto, (with proper cooking temperature reached) ALL foods are prepared in recordbreaking time. More of the natural vitamins, minerals, flavors and colors in foods are preserved. And, PRESTO COOKERS are so easy to use because of their exclusive Homec Seal . . . the combination anti-vacuum valve and overpressure plug, and . . . the positive 5, 10 and 15 pound indicator-weight for hi-speed cooking and safe canning. (*Now available too, for use with earlier models of PRESTO COOKERS.)

WONDER-WORKING PRESTO COOKERS are made in two models: MODEL '40' (illustrated) is cast from special, extra durable, finest quality Simalloy.MODEL'60' is pressed from extra heavy, finest quality aluminum. PRICE, either model \$13,50 (Western Zone \$13.95). AVAILABLE WHEREVER QUALITY HOUSEWARES ARE SOLD!



REMEMBER, all pressure saucepans are not PRESTO COOKERS. Be sure to look for the PRESTO name-

plate on the cover, when you buy . . .



GIVEN! With your PRESTO COOKER, you will receive, at no extra cost, a highly colorful 128-page book of recipes, time-tables, and easy-to-follow instructions... the only complete manual on complete manual on PRESTO Cooking and safe Pressure Canning



Carole Stupell sets a table



Mrs. F. F. Matson suggests miniature wedding cakes for party favors for a bridal shower: A white cake baked in a long pan (about 9 by 15 inches), is cut into rounds, using different sized cookie cutters-three, two, and one inch in diameter. The graduated tiers are iced and decorated with silver shot, placed on small paper doilies and suitably topped with tiny dove

THE AMERICAN HOME, MAY, 1947

Millions of PRESTO COOKERS are now in use. More millions are in demand. NATIONAL PRESSURE COOKER CO. . General Offices and Factory: Eau Claire, Wis.



for the Bride-to-Be

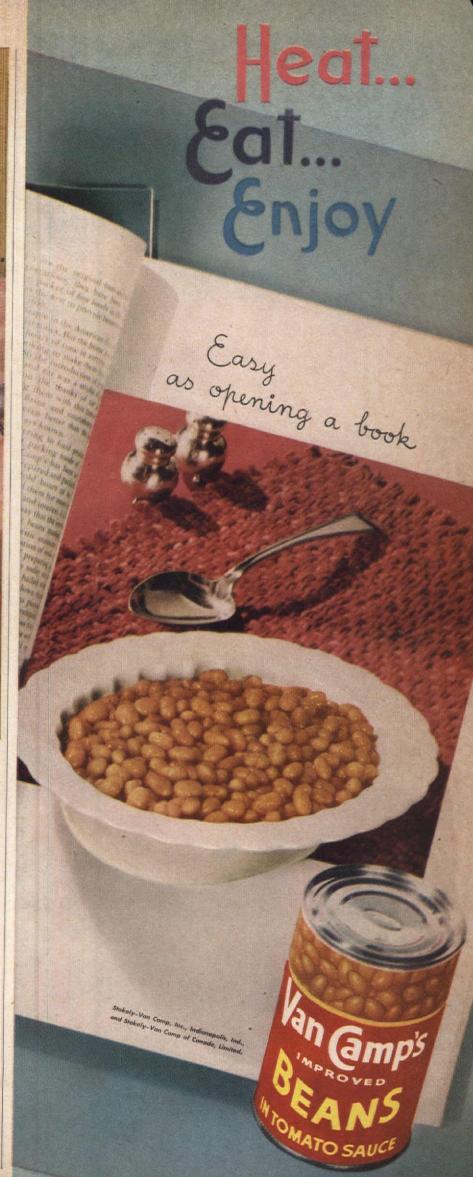
THE table illustrated above, especially arranged for THE AMERICAN HOME by Carole Stupell, is a charming setting for a dinner party in honor of a bride-to-be. Exquisite simplicity prevails; the color undertone is, appropriately, a "blushing" pink and the motif a rose.

The cloth is distinctly new, a combination of nylon net inserts with pink handkerchief linen. The china plates, "Regents Park Rose" design, have a full-blown rose with green foliage as a central motif, and an embossed laurel wreath around the rim. The sterling flatware is the "Royal Danish" pattern, having great distinction and charm with restrained ornamentation. The glassware—water

goblets, coupettes, and plates—is graceful in line and exquisite in coloring, shading from petal pink at the top to white.

The graceful bridesmaids were selected for the center arrangement, for they are completely charming and so appropriate, and could be used later as decorative objects. Little dolls dressed in costume might be substituted for these bridesmaid figurines if one preferred.

The candleholders, too, are particularly decorative as central ornaments, with large wax rose and foliage as the base. The candles themselves have a faint blush of rose. And not to be overlooked are the dainty pink ceramic roses for salts and peppers.



take life easy with PINEAPPLE

All fun and no fuss—that's what meal-fixing can be when you make Dole Pineapple the stellar attraction! Without a tap of work, this island-gay, juice-laden fruit is ready for your table. For carefree menus, Dole sends four cuts—Chunks, Crushed, Sliced, and Tidbits. And here's Patricia Collier, Dole Home Economist, with some suggestions for serving them . . . easily and appealingly.

chunks

Just "as is" Dole Pineapple Chunks are spoonfuls of goodness at breakfast or for a quick dessert. Grand in fruit salads, too—as are Dole Tidbits. And for a new tastetreat, dunk Chunks in grated cheese or coconut.

crushed

A glimpse at the picture shows how Dole Crushed Pineapple glorifies a simple custard pudding. Or, heap Dole Crushed on a scoop of ice cream, and you'll have a delectable sundae in a jiffy!

sliced

No dessert? Dole Sliced Pineapple saves the day—and it's wonderful in a dozen other ways. Converts a lettuce leaf to a salad in two seconds. Points up the flavor of lamb, pork chops or hamburger, when sauteed, and served on the side.

P. S. Pour a tall, cool glass of Dole Pineapple Juice for a pleasant time-out, any time of day!

DOLE

HAWAIIAN PINEAPPLE PRODUCTS





Drawing by Clare McCanna

THE Mexican fiesta theme ofers you the most lavishly colorful and scintilating party ideas of the season. A brightly uthentic party in the manner of Mexico means rilliant color, extravagantly beautiful flower plashes, exciting music, amusing play, and satsfying, unique menus. Suggestions for abundant, arefree fun are here, so entertain with a fiesta.

Your invitation sets the tone in crashing peasnt color, with definite appeal for the gringo rowd. Use plain, inexpensive cork luncheon lats, cutting them in post-card size. Bind the dge in colored crepe paper. Cut smaller pieces of ontrasting construction paper, fold, and in rough rush strokes, write this invitation:

Have you ever longed to go
And see the sights in Mexico?
Here's your ticket, so now "make way"
For a Mexican Fiesta which will be gay.
(Date, time) (Hostess name and address.)
aste the folded section on the mat, and slip the hole into a bright-colored envelope.

The room and table decorations are keyed to e theme of the famous floating gardens and flower-laden boats of Xochimilco, in Mexico. Gracious entertaining in the Mexican manner means literally bushels of flowers. Use elaborate tin candle sconces, huge Mexican straw hats filled with flowers, and fat, bright-colored pottery pigs—usually penny banks—to hold red and yellow flowers. Use anything that is Mexican and colorful, and decorate as lavishly as you like.

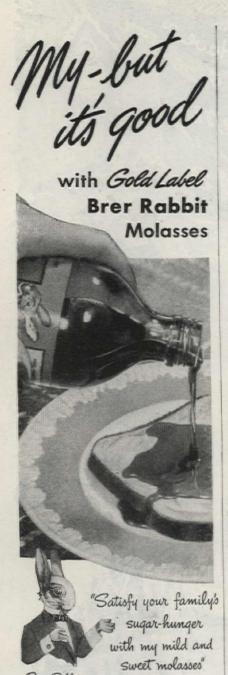
For your table, use plain linen mats. The centerpiece is a miniature of the floating gardens and flower boats. Use an unframed mirror, and surround the edge, in realistic unevenness, with soft leaves or moss, making little points of land into the glass lake. Make little islands of earth, covered with lush moss, tiny trees, and hanging foliage. Buy or make tiny flat boats with rounded hoods of burlap or brown paper over the center; spill tiny blossoms out of each, scattered among the islands. Place tiny figures of Mexican peddlers at the edge of the lake and in the garden.

Place favors are down-to-earth Mexican, and easy to make—little senors (for the women) and senoritas (for the men). Each figure is made of two corks, a large one for the body, a small one

for the head, glued together or held with a toothpick. Paint on the features, then dress them colorfully. The men wear blankets of bright-colored cloth (a straight strip of cotton with a slit for head), and a paper hat, tipped siesta-fashion over the face. The women wear skirts and shawls of colorful scraps, glued to the body. Attach the little figures to colored place cards.

Serve your dinner on plain dinnerware or on Mexican pottery, and the menu should be as Mexican as you wish to make it. Tortillas, Mexican chicken, fried rice, tacos, all are typical Mexican favorites, inexpensive and delicious.

The languid, pulsating rhythms of Mexico are well loved and exciting, and they'll add immeasurably to the atmosphere of your party. For games, the Pinata is a favorite: a huge bag contains small gifts; one guest at a time tries to break the bag to scatter the booty. The Posada, a rollicking procession of the guests to fast Mexican music (Alla en el Rancho Grande) is exuberant fun. Whatever games or dances you choose for your party, they become as gayly Mexican as you like, when all the guests join in the noisy fun.



Why let shortages deprive your family of the sweets they need for energy? Let them enjoy Gold Label Brer Rabbit Molasses.

Gold Label Brer Rabbit is highest quality, *light* molasses. Deliciously *mild*—and sweet. Over 60% natural sugar.

√ On pancakes, waffles, French toast, hot and cold cereal—this mild, sweet molasses is a tongueteasing delight for the whole family.

√ As a spread for bread youngsters love it after school or when hungry between meals. And it gives them extra iron!

√ For cooking, Gold Label Brer Rabbit Molasses gives a delicate molasses flavor. If you prefer a richer molasses flavor, use Green Label Brer Rabbit.

Brer Rabbit Molasses

Rich in Iron

Iron is needed for good red blood!





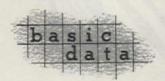
semiannually is the question that confronts the housewife when she thinks of cleaning. "They" say it is the little things that break up marriages—the top habitually left off the toothpaste, five cents spent on another daily paper when one will do in the other mate's mind. But aren't those tremendous spring and fall house-cleaning upheavals enough to drive Dad, crazy as he comes home night after night from a day of trial and tribulation at the office, only to find either the dining room upset and a dish of beans shoved at him by a tired mate, or the news that he can uproot

himself and repair to the guest room because "our room" is being house-cleaned thoroughly?

We have advanced considerably from the dustmop, corn broom, tear-them-all-apart, semiannual digging out of the whole house. We wash our face daily. Think what the facecloths would look like if we left them to their fate of old housecleaning methods. Science brings us mechanical aids—let's use them intelligently and have a perfect home, easily maintained. We'll have more time to devote toward homemaking, that allinclusive word covering wife, mother, housekeeper, and an asset to the community.

The newest and speediest way to wax your linoleum floors, is to spray on water soluble wax with timesaving vacuum cleaner attachment made for housewife who guards her time





In your list of routine chores don't overlook the care of books. With soft brush attachment on most vacuum cleaners, you remove not only the dust but ever-present danger of insects which damage valuable books greatly

It is a simple matter with the modern vacuum-cleaner accessories to keep the mattresses of the household free from dust and vermin. Clean them each time carefully as your schedule shows

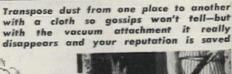
Bright and gay are the accents in your home if you keep the surface soil from accumulating. Soil can't remain in crevices if you use the vacuum attachments intelligently



with a cle with the disappears

WRONG

Drawings by E. P. Smith









For efficient repairs, 160 factory-supervised Proctor service stations, coast to coast...see local classified telephone directory.

If we are to house-clean the easy way, let us do it daily, never have those dreadful semiannual upheavals that turn the whole household upsidedown, make mother a nervous wreck and the whole family unhappy.

Use your mechanical servants as such and, with the proper care, they will serve you well and long.

Post on the inside of your linencloset door the schedule for the upstairs (or if there is no upstairs, and a blessing a stairless house can be, make it the schedule for the sleeping area). Just as if you were training a maid, set down your weekly chores. Then for the downstairs or living area, post that schedule, perhaps on the kitchen bulletin board. For example:

Upstairs (or sleeping area):

Each inhabitant should be responsible for keeping his or her clothes in order-soiled clothes to the laundry sorter, night clothes put away. This is not a chore for which mother or the maid should be responsible.

Monday (no longer the only washday of the week): If it is the day to change linen, do so as the rooms are airing. Otherwise, make the beds.

Empty the wastebaskets into one container on the floor, vacuum the rugs or carpet-sweep the small rugs, dry-mop floor or use vacuum-cleaner attachments. Do the dusting last. Straighten curtains, shades, or blinds.

Go over each bathroom daily, washing out the bowl, tub, and lavatory. Replace towels, check drinking glasses and toothbrush holders.

If this routine is followed daily, there need be no semiannual housecleaning upheaval.

But-and there are buts to housekeeping-post on that bulletin board the days on which you intend to spend a few extra minutes on timely chores such as:

Tuesday: Wipe off the tiles in one bathroom.

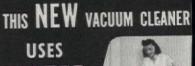
Wednesday: Mop up one bathroom floor, etc., through the week.

Downstairs, or in the living quarters, set up a regular schedule for yourself as to which day you will do what, and stick to it if you can. Catch up with yourself if some unforeseen incident upsets the family. Do remember that organization helps you in both thinking and doing.

On another upstairs and downstairs list post the days you intend to do the above floor cleaning, such as every other week, and name the day. When the beds are torn apart for remaking, vacuum the box springs and the mattress. Make a note of cleaning the picture moldings, if you are in an old house which still has them, and the baseboard dust catchers. Do use the attachments of your vacuum cleaner to do those chores easily.

Remind yourself that mothproofing must be done at intervals; that closets must be cleaned, and that floors must be waxed. Learn to use the mechanical servants at specified times, and the work will not become drudgery. With these servants, your home will gleam year in and year out.





WATER INSTEAD OF A BAG!



Amazing but true! Rexair is the new vacuur cleaner that uses water instead of a bag. N matter where you get the dirt—from the rug from the upholstered furniture, even from the bare floor—it all ends up in a water bat You simply flush it away. No dirty bag tempty. Read every word about this remarkable new post-war vacuum cleaner in the ne book sent to you absolutely without charg

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The complete story of this marvelous ne post-war vacuum cleaner—that does ever thing a regular cleaner will do, and lots more-is told in colorful pictures and text in a ne absolutely free simply by mailing the coupo Whether or not you intend to buy a vacuu cleaner in the near futur you owe it to yourself find out about Rexair, the modern vacuum cleaner the uses water instead of a bas oc lip the coupon not Drop it in an envelope paste it on a penny postcar



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F. M. Demarest

THAT new rug... that not so new rug... deserves your best care if you want it to keep its beauty to enrich your home for years.

The greatest enemy to long life of rugs is dirt. Carpets can sometimes accumulate more than their own weight in dirt alone. Dirt hurts the carpet for, if the grit gets imbedded, it acts like little chopping knives which cut at each little tuft and even attack the backing of the rug itself.

Gasses in the air may contain sulphur which, when deposited on the rugs, acts as a bleach. Coal fumes leave a greasy deposit which clings to the rug and is difficult to remove.

That old retort of the person who drops cigarette or cigar ashes on the carpet—"to keep out the moths," may be a cover-up for his carelessness, but combined with water, these ashes give an alkali solution which may injure some colors.

What is the solution for all this air-borne or traffic-borne dirt which is the enemy of our floor coverings? Frequent cleaning prevents dirt from becoming entangled with the fibers of the rug. Regularly removing the dirt and soil from a rug or carpet has proved simpler than allowing it to accumulate. One can remove a pound of dirt from a 9 x 12 carpet in five minutes with a good vacuum cleaner, whereas it takes much longer than 25 minutes to remove 25 pounds from the same size carpet. The more deeply imbedded the dirt, the harder it is to loosen and, of course, the more damage it causes.

There is a custom in some parts of the world to pay the physician to keep the patient well. Wouldn't this

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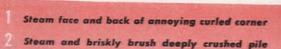


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More than half of home accidents are caused by falls. Good reason why you should use LIN-X, the Anti-Slip Wax. It bears the seal of the Underwriters' Laboratories, Inc., as an anti-slip floor treatment. Just wipe it on—LIN-X is easy to apply—quick to dry! It beautifies

to dry! It beautifies and protects your linoleum and wood floors—a wonderful wax that's anti-slip!

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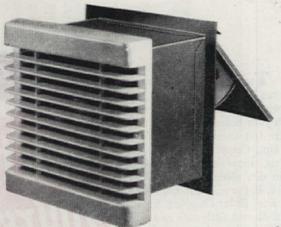


If a wet cleaner must be used, hasten drying

Edith Ramsan



New Heropel Home Ventilator



Keeps kitchens fresh as a daisy

What a treat's in store for you when an Aeropel Home Ventilator is installed in your kitchen!

Yes indeed! Aeropel whisks out cooking odors, smoke and greasy fumes in a jiffy. And Lady, think of this-that kitchen of yours will stay comfortable, even when the oven is on full blast. No more gummy film settling on walls and furniture. Fact is, your kitchen will stay fresh as a daisy . . . always!

Your dealer will install a gleaming new Aeropel now in your home, without muss or fuss. You'll love its whisper-quiet operation-no nerve-shattering buzz or whir-rr-and you'll be tickled pink by the low price!

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Division of AMERICAN RADIATOR & Standard Sanitary Corporation



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See how an Aeropel fits into a kitchen plan. Modern, postwar design, with white plastic grille harmonizes beautifully with all kitchens. Flick the pull-chain—odors, smoke and greasy fumes are whisked out.

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AMERICAN BLOWER CORPORATION Detroit 32, Michigan Please send your FREE Aeropel booklet to:

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be a good rule to follow in caring for our carpets and rugs?

How often should the vacuum be used? The amount of traffic and the amount of daily soil will govern that. If the carpet sweeper is used daily to remove surface soil, the vacuum cleaner used three times a week, the rugs should be, and look clean. Near an entrance from the street or in a heavy traffic area, the vacuum cleaner can very well be used daily.

There is a correct way to use the vacuum cleaner, and there are no short cuts. Be sure to move your furniture, as dust is deposited under it as well as on the exposed surfaces of the rug. If your furniture is too heavy to move, that is no excuse, today, for not cleaning under it. Use the attachments and, if these won't work, be sure to spray insecticide underneath. Moths can get underneath. They fly; they'll make your wool fly!

F your rug is new, you may notice that a fluff comes up when vou vacuum it. It does not indicate that you'll be walking on the floor in a week. The fluff is caused by short ends which remain in the yarn after the pile is cut. Often this condition can be noticed for as long as a year afterwards, but it bears no relation to the life expectancy of the rug.

Also in the "don't worry" department are those long tufts which will appear in a new rug. They do not mean anything serious, but be sure to clip them off carefully to the length of the pile. Do not pull them out, because you may break the backing.

Remember the date on which you bought your rug, because you will want to know when to shampoo the rug. The rule is: shampoo your rug one or two years later, depending upon how much hard wear it has had. Faded colors and a tired look means it needs to be cleaned thoroughly.





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National Biscuit Co., Dept. G-5 444 W. 15th St., New York 11, N.Y. SAMPLE Send me FREE Milk-Bone Biscuit. Also Booklet: "How to Care for and Feed Your Dog." (Please print. Paste coupon on penny postcard if you wish.)

This offer good in United States

Always send your rug out to be cleaned professionally. If you can't, try an absorbent powder cleanser. Sprinkle it on the rug, scrub it in with the long-handled brush, allow it to remain for an hour, and then vacuum it up. The bag-may have to be emptied once or twice during the process to achieve the best results.

Great care has to be taken in using soapy detergents at home. Soap leaves a fatty residue which will collect dirt, and water tends to deteriorate the backing. Do not wet the carpet too much, and be sure to rinse off all the cleaner thoroughly with clean, damp (not wet) rags. An electric fan speeds up the drying process. If it is a small rug, or near the corner of a large rug, a colander may be placed under the rug for better circulation of air as shown in the illustration. Reversing the vacuumcleaning process by blowing the air through the carpet helps to dry the carpet more quickly and easily.

If you use dry cleaners at home, use them sparingly. Use only the noninflammable types, and always work in a very well-ventilated room.

Never beat carpets over a line or shake small ones. Do, from time to time, clean the backs as well as the exposed surface with the vacuum cleaner. Grit lodges there, too, with its death-dealing jaws. A rug pad is a good investment, as it not only makes the texture feel more luxurious, but saves friction on the carpet and adds years to its life.

Of course, you are bound to get stains on your rug. When Johnny cuts his finger and the blood drips, don't stand there and wring your handstake care of Johnny, then wring out a rag with cold water and sponge it off quickly. If the dog is not quite housebroken, and an accident occurs right in the middle of the carpet, use white vinegar in solution, let it stand for a few minutes, then blot.

Next to dirt, as an enemy, is the moth. If you give your rugs constant care, they will be discouraged. 'T is the worm who eats the wool, and the tempting greasy spots left on the carpet. If you are going away for any length of time, clean and store your carpets with a professional establishment or, after a thorough cleaning at home, sprinkle with a mothproofing agent or crystals and roll in prepared mothproofing paper.

Shift your rug around from time to time, if possible, so the wear will not always occur in the same place.

Rugs whose corners curl up can be a real source of danger. Flatten them down with a hot iron on a damp cloth-or a steam iron-applied to both the face and the backing.

Apply a hot iron over a pressing cloth or a steam iron to the flatteneddown places which furniture leaves, brush with a stiff brush, and immediately those unsightly holes are gone.

Care for your carpet regularly, send them to professional cleaners periodically, and give that muchneeded face-lifting to your home.



So simple, so easy, so quick - you'll feel your Dormeyer does just what you see here! No tedious hand mixing, beating, blending - just turn on the switch and turn out the finest cakes you ever baked!

That's all there is to it! The Dormeyer does all the skillful folding-in of ingredients - better than you can by hand. Its Recipe-Tested speeds, plus Dormeyer DOUBLE BLENDING, smooths-in cloud-like textures and lightness that delights family friends.

No tricks to learn, no recipes to test - you get the new 1947 Dormeyer "All Electric-Mix" cook book with 125 perfect proven recipes.

No other mixer offers so much. Its pop-off portability turns every pot and pan into a mixing bowl, saves endless time and energy. Mashes potatoes, creams vegetables, blends gem-like frostings, plus dozens of other daily uses. With large and small mixing bowls, and jiffy juicer.



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Sensational General Electric Disposall* grates up food waste, whisks it down kitchen drain in a jiffy!

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Now-thanks to advanced General Electric engineering-food waste can be disposed of electrically, your kitchen always kept in A-1 sanitary condition.

Fits most any sink!

The self-cleaning Disposall (pioneered by General Electric) has a wide-mouthed drain fitting into most any kitchen sink. Takes bones, corn husks, grapefruit rinds as easily as water. Selfcleaning action keeps Disposall cleaner than ordinary drains. Can be used with septic tanks of adequate capacity.

Preferred by 97 out of 100 users!

In one Kansas community, every home has a Disposall. Owners say it's their favorite appliance, would never give it up. "Saves 32 minutes a day!" "No more garbage odors!" "Perfect!" . . . These comments are the results of a survey among women who use the Disposall daily. General Electric Company, Bridgeport 2, Conn.

THIS IS HOW IT WORKS



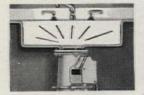
1. You scrape food waste off your dishes, down the



2. You lock the cover, a single twist to the left.



water (automatically starts



4. Swoosh! Waste all gone! Just a matter of seconds! Sparklingly clean!



5. Notice whole load finely clog drains.



6. The Disposall fits into almost any kitchen sink.

The Disposall can be teamed up with General Electric Dishwasher in a complete Electric Sink.

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Why Does Housework HARASS You?



"WHAT a silly question. Nobody likes housework," you may say. "And with good reason-it's dull and uncreative. I'd rather be out working for someone else." If you are lucky, you may be able to announce, "But housework doesn't harass me! I like to polish the house from top to bottom. I don't see why any woman wants to leave her home."

Two points of view are given here, which you can substantiate among your friends by taking a poll. Although I'm all in favor of equal rights and privileges for women, as represented by the woman who wants to go out to work, I'm afraid you'll also find that the homebody type runs the happier home. Why should this be?

There are two reasons, neither of which has anything to do with housework. One of the reasons is woman's resentment at playing the feminine role in life, and the other is the tendency of little girls to pattern after their mothers, which shows later in their lives as wives and mothers.

The first of these reasons is well illustrated by my friends, Edith and Nan. Edith was a good housekeeper. Nan wasn't. Nan said, "Housework is so boring! I'm going to do office work just as long as I can. When I have my family, I'm going to hire someone to do my work at home, so I can be worth while in the world."

Edith came back with, "I think a woman's place is in the home. Besides, there is more variation in working at home than in an office." Secretly, Nan thought Edith just

wasn't up to her intellectual level. On the other hand, Edith looked at the dissatisfied Nan, and wondered why she felt so unhappy at the prospect of running her own home.

Put simply, Edith was happy with her life of being a wife and mother, while Nan, envying men the part they play in life, didn't want to play a woman's role. Nan felt that being a wife and mother was unimportant, vet she was still woman enough to have married and to want to have children eventually. Still, she resented the work she had to do as a woman, even carrying this resentment over not only to her improperly done housework, but even to her relationship with her husband.

At the risk of having all the feminists in the country down on my neck, the resentment of women at playing their role as wives and mothers is the basis for their dislike of housework. The sociologists say that woman's role in our country is changing. Most of us women wish to be regarded as equals and companions to our husbands, as well as housekeepers, and welcome any change which will help to bring this about. However, in our eagerness to be equals, many of us have come to believe that equality and homemaking are wholly incompatible ideas. We have worked so hard at bettering our status outside the home, that we have

THE AMERICAN HOME, MAY, 1947

What's your belief?



"Quick acting ETHYL suds float away grease. Dishes gleam." No scraping. No need to wipe dry. Kind to hands.



"Nylons stay fresh looking, ETHYL Cleaner keeps all my nice things color bright!" No dull soap film!



"ETHYL Cleaner suds whisk grime from finish, glass and upholstery." little, plus water, does the trick.

EVERYONE AGREES



Available at leading stores and automobile service stations

repudiated our natural role as homemaker, to our confused disaster.

There is a way out, which allows women to be housewives and mothers. and still be the equals of men, but it does not mean taking over a man's part in life, and throwing the children to the care of others. Nan found her way out by accident. A friend of her husband, an amateur psychologist, asked Nan, "Why do you work? Are you competing with your husband? Don't you like being a woman?"

After Nan cooled down, she realized that one amateur psychologist had stumbled on the truth. All her life Nan had really wanted to be a man. As a child she had always resented the things her brother was allowed to do which were forbidden to her. From this, it was a short step to wanting to go out to work, and come home and sit down with the paper, just as her husband did.

Nan didn't know what this tremendous discovery was going to do for her, until the day she decided office work was boring, and she would rather stay at home and keep house. She began to enjoy cooking and fixing up her house. Instead of wasting her energy fretting over the necessary housework she had to do, and being angry because traditionally, she was supposed to take that responsibility, she found that she was full of energy. She not only was able to do her housework efficiently, but became interested in developing other activities. Had she wanted to work, she would have been more efficient, both outside and inside the home. She decided that she could hardly wait to start that family her husband had been urging her to begin. Playing the feminine role all the way, gave Nan a zest for living she had not realized was possible when she was moping over her mop and rushing out to work in an office.

A NY woman who resents being a woman, will find, once she accepts her role as wife and mother, she no longer feels it necessary to prove herself the equal of men. Everything she does, housework or working for someone else, becomes easier for her. Intellectually, she may still recognize the inequalities in woman's situation in our civilization, and want to do something about it, but she won't have to shout it from the housetops.

The second reason why women dislike housework is also psychological. If you are preening yourself on your good housekeeping, look back into your childhood, and see if you didn't pattern after your mother, Don't be snooty to the girl who can't keep house. Perhaps she didn't have a good pattern set for her.

There is an old saying to the effect that, as a mother keeps house so will her daughter. It seems that there is more truth in this than many of us have realized. The sociologists and psychiatrists say that it is the mother of a family who sets the pattern of most of our ideas, habits, and attitudes. This is especially true for



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the daughter of the house. If a mother keeps a poor house, the chances are that she has thought housekeeping dull, etc., and has passed this or similar attitudes on to her daughter. Anytime a woman feels this way, it is reflected in other phases of her home life, and her home is never as happy as it could be.

If your mother was a poor housekeeper, the first step for you, in improving your housekeeping, is to recognize that your mother was a poor model. Recognition of the attitudes to which you were exposed will help you to revamp your own approach. Maybe your mother constantly complained about the dishes or, by her general bearing, showed that she thought it a very undesirable task. That might explain why you put off doing the dishes as long as possible.

Very often, just recognizing what many of mother's attitudes were, will be sufficient to help a daughter to do a better job of housework.

It isn't the nature of housework at all that makes many women dislike it. It's women's and, yes, men's attitude toward it that makes it unacceptable to the ambitious woman. Men are certainly missing a bet, when they look down on woman's work. One man recently said that he didn't want "to tell any woman how she can learn to like housework even a little bit." That's fine for a man to be satisfied with his role in life, but if men feel that way about housework, how can they expect women ever to accept such work as dignified and interesting?

Two psychiatrists, in a book on emotional problems, recently chided men for not giving women recognition for the importance of their role in life, saying, "Wives would look upon homemaking differently if their husbands regarded it more highly."

One sensible husband, looking at the thousands of uninviting jobs to which men go every day, actually conceded that a woman's work in the home is more interesting and varied than many men's jobs.

Not only is work in the home often more interesting than outside jobs, and I suppose I am betraying my sex to breathe this idea, but the efficient homemaker, whose children are in school, can actually have time on her hands, which she can devote to putting more money in the family exchequer if need be, or to developing interests of her own. The household drudge, who insists that housework takes all her time is usually a martyr who resents housework and is making too much work for herself, rather than being a good manager.

So, if housework harasses you, try to find out why. Once you can accept the idea of doing housework, you'll find that it is done before you know it. You may also find that you have discovered the secret of keeping a house with little effort. Or, if you are a bright little girl who knows how, rejoice that it's the other gal who in her own sad way is dumb-not you.

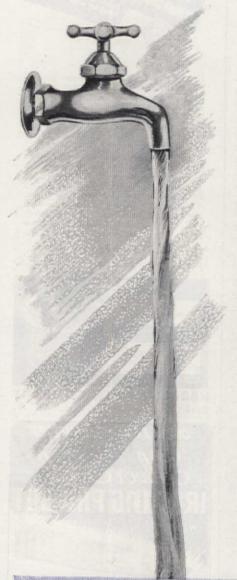






enamel.

Soft Water for Better Living



MPARATIVE MARD WATER AREAS OF THE UNITED STATES Edith Ramsay

T's a far cry from the day when grandma hoarded rain water in outdoor cisterns, or in rain barrels, in order to have soft water for laundry, bath, or shampoo. Modern domestic water softening appliances now make it possible for every American home to enjoy the undeniable advantages of water soft as rain, with none of the annoying inconveniences that complicated grandma's task.

How many of us know what hard water is? Is it not an unseen menace which daily steals from our purse? It has been estimated that well over \$100 per year is the cost of hard water to an average family. For more than two-thirds of our country is in a hard-water area. We see the results of hard water in our daily life, in the extra hours of drudgery to get that wash clean, in dull and lusterless hair, in dingy fabrics. We feel it in our pocketbooks when the cost of soap is doubled, for we have to use twice as much in hard water. We feel its cost in the damage hard water does to the plumbing, to our kitchen utensils, the radiators of cars, and the increased cost of fuel in order to run home boilers. We see these marks of hard water every day—if a ring is formed in the tub or basin, if a film is left on glasses and dishes when washed, if lime scale forms in the teakettle, or the bottom of the double boiler, or the plumbing, or if we do not get a heavy, lasting suds with a small amount of soap. But how can we surely and simply know that the water is hard?

The simplest way is to see how much soap is required to work up a successful lather. Fill a one-ounce bottle half full of the questionable water. Add one drop of tincture of green soap, and shake the bottle well. If no suds appear, add a second drop, and shake well again. Continue to add soap, one drop at a time, and shake the bottle until a full head of suds appears. To compute the hardness in grains per gallon, simply multiply the number of drops of soap used, minus 1, by 2½. In other words, if five drops of soap are required to produce a full head of suds, hardness equals 5 drops minus 1, or 4 times 2½, and the water is ten grains hard. Water more than four grains hard is wasteful. In truly soft water, an effective, rich lather appears with only half as much soap as must be used in hard water. You can always check your computations with those of your local water department.

Hard water's soap-wasting faculty is explained by the action of dissolved salts, usually of magnesium and calcium, which are present to some degree in all nonsoftened water. They react on soap to form sticky, nonsoluble curds that fail to lather satisfactorily.

Therefore, soft water is really water in which hardness has been reduced to the point where it no longer interferes with prompt formation of useful lather and suds.

There are several methods of softening water for the home. In communities where the water is generally very hard, water softening is being done to the complete water system of the town, and is in the category of your other utilities, such as gas or electricity, as it is pumped into your water system. Probably the most successful for home installation is the zeolite process. Zeolite is a white, durable, chemical material which acts like a large "chemical magnet," absorbing the harmful calcium and magnesium deposits from the water, in exchange for the soft sodium ions released by the zeolite. Sodium has no flavor, exerts no harmful influence on the

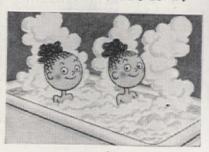
Two-thing of hard your we spending

Copyright 1946 Culligan Zeolite Co.

Two-thirds of our population lives in areas of hard water. Check your locality, check your water system and supply. If you are spending needless money on soap, plumbing, equipment read how you can remedy this waste

LOADS OF HOT WATER

AUTOMATICALLY- AND CHEAP!



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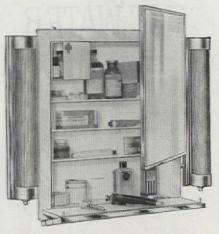
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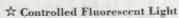
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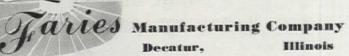


☆ Handy Drop Shelf

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- Adjustable Glass Shelves
- ☆ Full Length Piano Hinges
- ☆ Easy to Install

A twist of the wrist opens both shades, giving con-centrated light for shav-ing and make-up, The Park Lane is made of heavy gauge steel, bon-derized for rust protection. Finished in polished chrome and white baked enamel. Heavy No. 1 polished plate mirror pro-

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any setting!

Adrian, Mich.

Gerity-Michigan Die Casting Co.,



water. That is why a cup of tea or coffee brewed in soft water tastes so much better than those brewed in hard water and, actually, requires less precious coffee or tea.

Here's a curious twist noted by one authority. "Beans, peas, and lentils are excellent water softeners. They take up minerals from hard water and come out of the pot hard and leathery." An expensive, and most unpalatable, method of softening the hard water, we might add.

When the zeolite has absorbed its capacity load of hardness ions, it is regenerated by the addition of common salt. Hardness ions are flushed from the softener, and the zeolite functions again as a magnet for hardness ions. On the market are those softeners attached to your home water system, to which you add the salt for regeneration, or those which are replaced with new units periodically as required for your needs.

There are many, many people in the country who live in hard-water areas where the municipality can't or won't install a softening system, or they don't own their own homes and the landlord won't install the home system. Yet, they want the advantages of soft water. There are products on the market which they can add to their water which help greatly on soap- and fabric-savingenough probably to warrant its addition to the water they are using. This expense of water softening is never too much when it helps in the prevention of skin disturbances.

Savings in soap and washtime are the most obvious soft water benefits, although by no means the most important. In dollars and cents, hard water's hardness is most harmful in its resultant action on fabrics.

Due to the chemical combination of calcium salts with soap, a sticky curd is deposited on fabrics during hard-water washing. Since this curd is not susceptible to hard-water rinsing, it sticks on fibers and threads when dry, making them coarse and brittle. It has been estimated that clothing wears out 35% faster when laundered in hard water than when laundered in soft water.

In addition to shortening the life of clothes, hard-water laundering stiffens materials and mats up the fibers of woolen clothing and blankets.

A vivid demonstration of soft water's beautifying effect is seen on hair. While hard water leaves the hair with a dull film, soft water rinses off completely. Hair dries soft, lustrous, and pliable. A soft-water shampoo need not be followed by vinegar or lemon rinses, for in itself it is a completely effective rinse.

Experiments have shown that dishes properly rinsed, with very hot, soft water, dry with no streaking and this is a more hygienic process than using

Correction: The sun lamp illustration on page 104 of our February issue, in the article "The Time of Your Life" is the Sun Kraft and not the Sperti, as stated in the caption.



Harper Center Simmer Burners are superior to all other top burners because each Harper burner is really 2 burners in 1. As shown in diagram, 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.

Only the separate Harper Center Simmer gives you the controlled low heats you need to keep foods warm for serving
...to eliminate pot watching and boiling
dry...to allow cooking with little water, which saves time and gas and keeps the average kitchen 9 degrees cooler. Only the Harper separate Center Simmer can help you so much in your cooking.

Insist on Harper Burners!

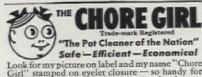
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Even a millionaire can't have more perfect toilet bowl sanitation than you can. Sani-Flush gives you complete cleanliness and odorless freshness by its thorough, disinfecting chemical action. Cleans away stains and film where germs lurk . . . is quick, easy, sanitary. There's no work. Just sprinkle Sani-Flush. Safe

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Extra Large Absorbent Lintless Extra Soft They're

Fresh

kitchen towels, which harbor germs and grime in their loosely woven fibers.

The same hard-water minerals that wreak havoc on soap and fabrics are guilty of depositing the scales that frequently clog hot-water coils. Identical scales are found on the bottom and sides of pots and kettles in which hard water has been boiled. The replacement of these utensils, the wear and tear on mechanical equipment, may double their original cost.

With its wasteful effect on soap, fabrics and kitchen utensils, hard water is a major extravagance, as well as a hindrance to household and personal charms; and, like most extravagances, not necessary. Today, soft water is within the grasp of everyone and is bringing added economy, convenience and beauty to thousands.



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The Guiberson Sink Cabinet has a smart chrome plated ledge-type mixing faucet. Other special features include removable cutlery trays, soap trays and garbage container.

Go by your Guiberson dealer and see these handsome cabinets. Get your copy of "Kitchens Designed for Better Living," a beautifully illustrated booklet that gives you detailed information on Guiberson Kitchen Cabinets, plus valuable tips on kitchen planning and care. If no dealer is near you, write The Guiberson Corporation, P. O. Box 1106, Dept. C-1, Dallas 1, Texas.

Arn and Ruth Glantz

Right as a Trivet



Old-fashioned trivets collected from antiques shops throughout the country, hang in orderly fashion over the sink in the kitchen of Mrs. Nancy Knight

There is a very good chance you have a trivet down in the cellar or around the house, even if by chance you don't know what the word means. And, if it does conjure up a picture, it's probably a vision of a prosaic, heavy, black hot-iron stand. Nancy Knight has 186 trivets in her home in Marbledale, Connecticut, and very few of them are heavy or black or prosaic. Nor does she keep them down in the cellar, for they are her rare and proud collection. Neither does she embalm them in the parlor curio cabinet. She actually

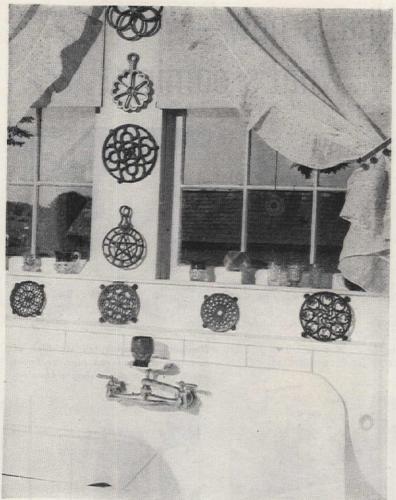
lives with her collection of trivets.

Trivets got off to a bright and shiny start in Mrs. Knight's imagination. Whereas in my recollection the word evokes a dim memory of sweating washdays and Grandma keeping the stove fire going, and of the solid clink of heated irons brought to rest on blackened, squatty trivets, to Mrs. Knight comes the picture of an intricately patterned rosette trivet, always kept polished to a lively brass gleam, and always waiting on the supper table for mother to rest the teakettle. That same brass rosette,

Photographs by Arn Glantz



Mrs. Knight takes her tatting quite seriously, too. A trivet on the wall is a copper piece with wooden handle and the date, 1880, forming the design



In her Marbledale, Connecticut, home Mrs. Knight assembled this panel of trivets. Of many shapes and sizes, some of them have mottoes and dates

given to Nancy as a little girl, started her on her trivet collection, and it remains one of her special favorites.

Usually it stands on the shelf above the kitchen sink, handy for frequent use. Some of her other especially fine brass and copper ones form a border over the dinette window. A miniature child's trivet is a knocker on her door, and most of the unique, humorous or handsome ones take turns on her table for hot dishes.

There is a very old Pennsylvania Quaker trivet, and a small, delicate one of unknown origin shaped like a harp. There are some honoring Washington and Jenny Lind and the Masonic Order; there are those with words or mottoes or emblems for "good luck to all who use this stand."

Trivets can actually play a very useful part in decoration. They are particularly charming in a Colonial room. A variety of them used on a bare dining-room table will hold all manner of hot dishes or casseroles without marring the surface. Line them up on a window sill and set potted plants on them. Lord & Taylor, New York, recently hung a row of them on a wooden window valance in one of the store's model rooms.

A rare and unusual collection, the most unique part is that it plays a role in Mrs. Knight's every-day life. That's the proper way to put a collection to work; in fact, as the old saying goes: "It's right as a trivet!"







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Put an end to rustclogging and rusty red water with long-lived rustless Anaconda Copper Tubes.

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What about your screens? Rust spots mean trouble ahead, and in that case your best move is to replace them now. But by all means use bronze screening, for bronze is a tough, strong copper alloy-long the standard for screens of proven dependability. Considering the cost of repairs and the health value of really good insect protection, you'll want no screening less durable than time-tested bronze.

To learn about other uses where copper, brass and bronze will save money, write for our booklet, "How to Protect Your Home Against Rust."

The American Brass Company does not weave insect wire screening, but supplies Anaconda Bronze Wire to leading manufacturers.

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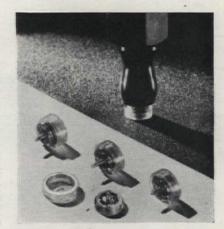
It's Inexpensive! It costs no more to LARVEX a suit than it does to get it dry cleaned. And LARVEX gives POSITIVE PROTECTION against moth damage. LARVEX costs only 79¢ a pint. \$1.19 a quart.

TESTS SHOW POSITIVE PROOF The illustration shows, at the left, moth worms eating cloth untreated with LARVEX. At the right, it shows cloth treated with LARVEX. Notice how moth worms absolutely refuse to eat anything treated with LARVEX. ARVEN A

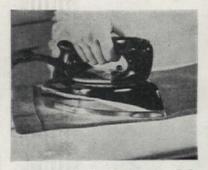
What's new — what's coming?

PLASTIC materials again are high on the list of newsy items this month. Either wholly made of this interesting material or incorporated in the news in some way, we find them being used always for the benefit of the homemaker.

At long last the deep well has a truly useful purpose in life. It holds a six-quart pressure cooker, as made by Ekco especially for this new General Electric Range. There is a special drawer to store it. The burner of the deep-well cooker may be raised to cooking level. Housewives have been clamoring for a combination such as this.



Eliminate the annoying wobbles of furniture with uneven legs, or floors not level with these simple Levelors



General Electric introduces their new iron for steam or dry ironing. Legible dial and light in weight



The-4-Some, plastic trouser and skirt rest, is a boon to travelers as well as to the stay-at-homes



Tel-A-Vew knife set, designed to hang on wall or lie flat in drawer. Five knives, plastic case and window



Thompson-Volkmar's new fireproof holder for your electric iron is the answer to where to store it



The new General Electric Stratoliner Range has pressure cooker in a deep well; unit can be brought to surface



Easy to clean, self-wringing, sponge mop for wet or dry work, or used as a broom is this brand-new Vac-M-Mop

THE AMERICAN HOME, MAY, 1947



Bedroom luxury . . .

with a Southern accent

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IT'S THE GENERAL MILLS TRU-HEAT IRON. You're going to spot plenty that's different about

this new iron. The way it's tapered at the back to let you iron easily in any direction. The way it rests safely on its side. Even the way the extra-long cord is center-mounted so you can iron just as readily with either hand.

But what you can't see in this gleaming beauty is even more important to you. That's Tru-Heat Control. They say it's the most accurate known type of heat regulator ever used in an automatic iron. Fact is, it really does prevent overheating and time-wasting drops in temperature.

You'll be seeing Tru-Heat irons in stores where finer appliances are sold. And when you get your new General Mills Tru-Heat Iron, you will have found a grand new way to speed up and ease up every ironing day.



Covers more ironing at every stroke. The ironing surface is 15.7% larger, 28% longer, than the average of five other leading irons. The new Button Saver Edge slips smoothly under buttons without loosening them.



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Either end is the front. See how the back of the iron rounds to a smoothly tapered point. Nov you can iron into difficult pleats and gather with either end of the iron-without a lot o twisting and turning of iron or garment.



Right heat for every fabric is accurate marked on the Fabric Selector, along with ten perature settings which follow recommendation of Good Housekeeping Institute. It's mounted up front where it's easy to see and to set.

General Mills Tru-Heat Iron



THE IRON SPONSORED BY BETTY Crocker

"I know you'll find a host of simple, practical ironing short-cuts and time-savers in our new booklet, The Betty Crocker Ironing Primer. A copy comes with every General Mills Iron."

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AMERICAN HOME

Vol. XXXVII

December, 1946, to May, 1947



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