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The AMERICAN HOME for February

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YOU CAN BUY THE PLANS FOR IT!

Laundry or playroom—this basement is both

IT'S LIKE MAGIC the way this basement can be changed from the laundry to an inviting party room. Roll back the ironer, close the curtains, and all signs of washday disappear. The attractive and serviceable furnishings are well suited to this room's double life—but it's the floor of Armstrong's Asphalt Tile that makes it all so practical.

Armstrong's Asphalt Tile helps make basements livable. This modern flooring was developed especially to stand up against the alkaline moisture that's always present to some degree in concrete that's in direct contact with the ground. This moisture causes most flooring materials to deteriorate, but it has no harmful effect on Armstrong's Asphalt Tile. It's a durable floor that will give many years of satisfactory service.

The ease with which Armstrong's Asphalt Tile can be cleaned also contributes to making the basement comfortable. Spilled things can be mopped up from its smooth surface without leaving a trace. Routine sweeping and occasional washing and waxing are all the care this floor needs to keep it looking like new. You'll appreciate, too, the way the beautiful colors of Armstrong's Asphalt Tile can add cheerful brightness to the basement. Since this floor is laid tile by tile, there's almost no limit to the variety of original designs that can be created.

With all its many desirable features, Armstrong's Asphalt Tile is a low-cost floor. No expensive preparation is needed—it goes down right over your present concrete floor. Your Armstrong flooring merchant will gladly help you develop a distinctive design and give you an estimate that will prove the low cost of a floor of Armstrong's Asphalt Tile for your own basement.

WHEN WORK IS DONE this basement converts to a cheerful room for entertaining. The draperies hide all the laundry appliances, and the snack bar lifts out from a cupboard recessed in the wall. The floor that adds so much to the room's decoration is Armstrong's Asphalt Tile in Goldenrod D-327 accented with spot tiles of Ebony Marble No. B-305. Floor plan and list of furnishings for the above laundry-playroom sent free on request.

ARMSTRONG'S ASPHALT TILE

The low-cost floor with the luxury look

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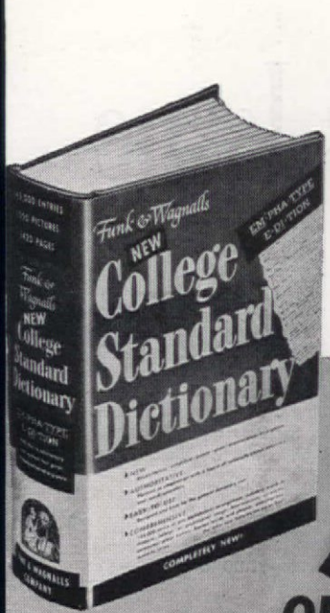
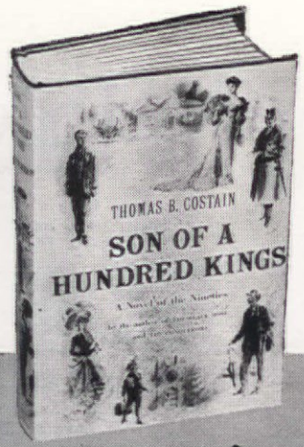
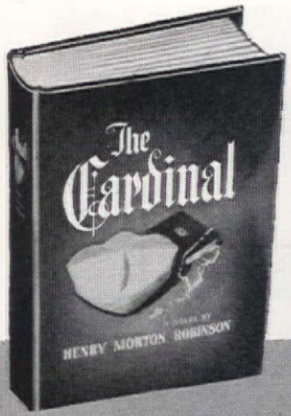
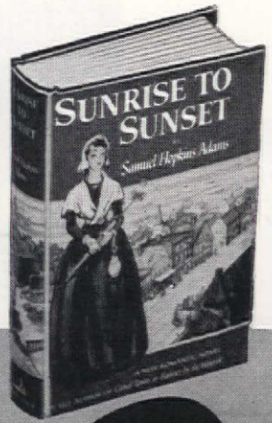
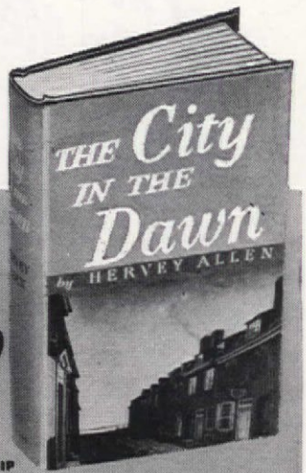
Write For Free Booklet—"How to Plan Smart Basement Rooms." Contains 24 pages of full-color illustrations and decorating ideas for basement rooms. Write Armstrong Cork Company, 5102 Plum St., Lancaster, Penna.











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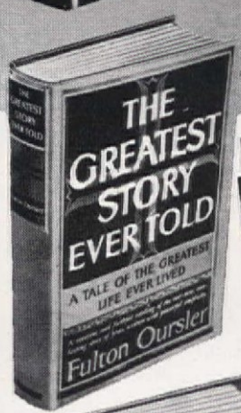

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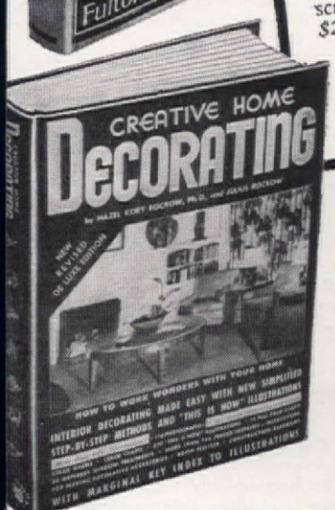

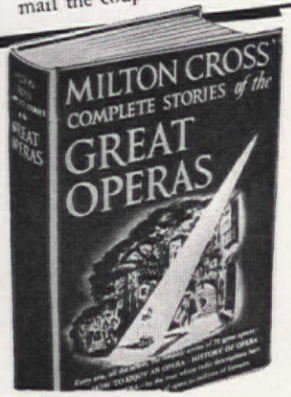

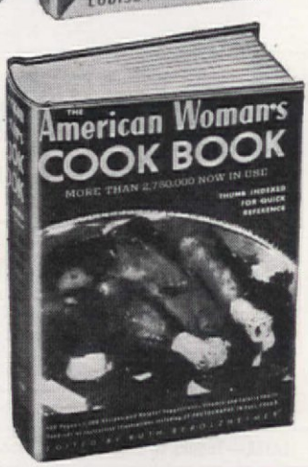

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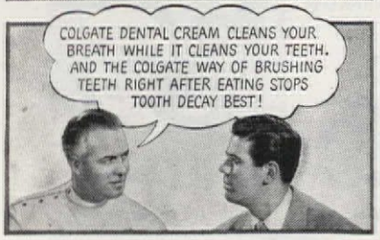

READER'S DIGEST* Reported The Same Research Which Proves That Brushing Teeth Right After Eating with

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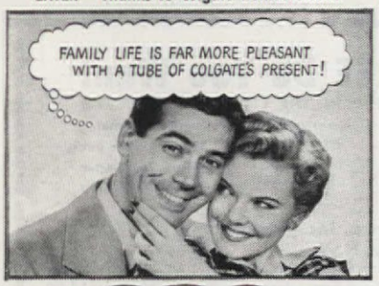
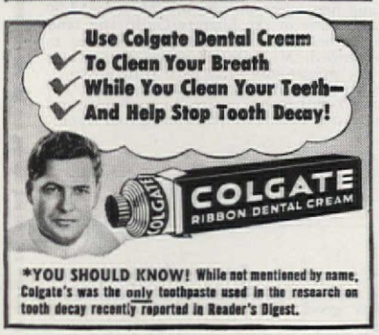
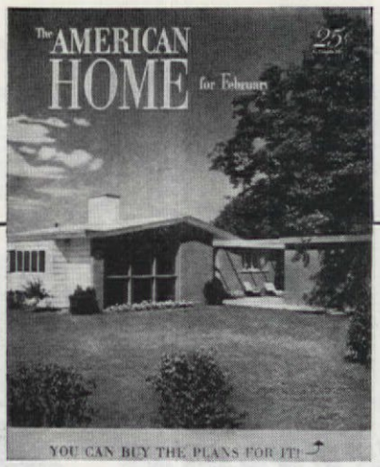




*YOU SHOULD KNOW! While not mentioned by name, Colgate's was the only toothpaste used in the research on tooth decay recently reported in Reader's Digest.



Sun and shadow point up skilled design, use of color in Forecast House exterior. Photograph by B. Goodnow, Krantzen Studio, Inc.

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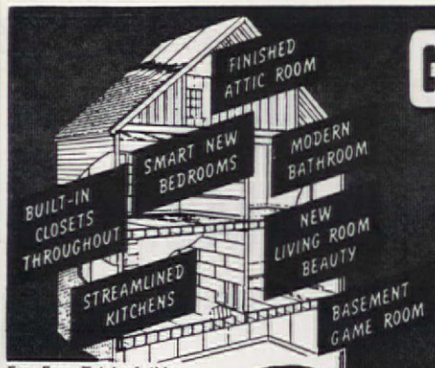

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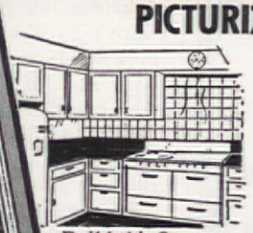

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GENERAL ELECTRIC

Contributors

. . . **RUTH DENT HUGHES,** native of Arkansas but resident of California since 1926, has always been interested in writing—but with less chance to do it than to think about it—and is now president of the Santa Monica Writers' Club. Married in 1931, she has, she says, "a nice assortment of children." Besides keeping house, she is busy with P.T.A., Mothers' Clubs, and Girl Scouts, loves bridge, and shares with her husband and children a "very merry, but altogether hectic whirl of family activities."

. . . **FLORENCE S. AND R. WALLACE TEED** collaborated on "Short Cuts in Rose Growing" (page 105) just as they have jointly cared for and enjoyed the garden started soon after their marriage. A graduate of the Univ. of Michigan, she is a Methodist minister, contributor to religious journals, collector of cook books, social and community worker. An M.D. and alumnus of the Universities of Michigan and Iowa, he is an otolaryngologist who combines the hobbies of gardening and color photography. Served in the Navy in World War II.

. . . **VIOLET ALLEN** who tells about her "Kitchen from a Case of Measles" on page 84 says she and her husband have four mutual hobbies: their son 13, daughter 10, their home, and their antique business, which they have conducted together for the past 18 years. The children, inheriting their parents' interest in antiques, have their own private collections. Mrs. Allen is past president of the P.T.A., teaches Sun-

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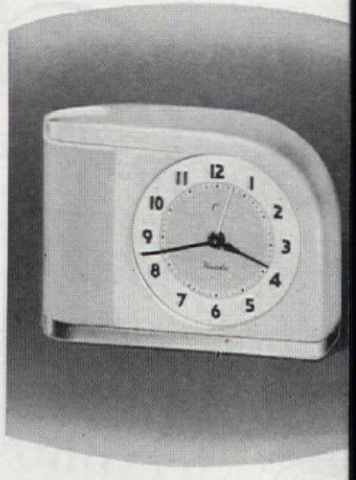
way to wake up



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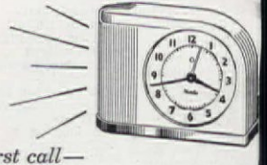
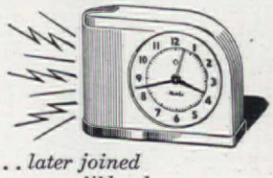
This completely different elect "alarm" calls two ways . . . wi a light for "light" sleepers; sound for "sound" sleepers. Fi call is *silent* . . . a blinking lig that disturbs nobody else. B in a few minutes, Moonbeam ad to the light a cheerful, audib alarm. This Westclox exclusi available in plain or luminous di

"first he blinks... then he ring



His first call—a blinking light . . .



. . . later joined by an audible alarm

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Only dry dog food with this veterinary seal of approval as a complete food.

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Easiest fixing, fastest mixing—new Gro-Pup Meal. Takes up liquids in an instant-mix! No soaking, no waiting. Thrifty! Gives same "complete dinner" nourishment as Gro-Pup Ribbon. Dogs love both!

Build a bouncy dog with "COMPLETE DINNER" Gro-Pup!

How we retired with $250 a month

HERE WE are, living in Southern California. We've a little house just a few minutes' walk from the beach, with flowers and sunshine all year. For, you see, I've retired. We're getting a check for $250 a month that will keep us financially independent as long as we live.

But if it *weren't* for that $250, we'd still be living in Forest Hills, and I'd still be plugging away at the same old job. Strangely, it's all thanks to something that happened, quite accidentally, in 1926. It was August 17, to be exact. I remember the date because it was my fortieth birthday.

To celebrate, Peg and I were going out to the movies. While she went upstairs to dress, I picked up a magazine and leafed through it idly. Then somehow my eyes rested on an ad. It said, "You don't have to be rich to retire." Probably the reason I read it through was that just that evening Peg and I had been saying how hard it was for us to put anything aside for our future.

Well, we'd certainly never be rich. We spent money as fast as it came in. And here I was forty already. Half my working years were gone. Someday I might not be able to go on working so hard. What then?

Now this ad sounded as if it might have the answer. It told of a way that a man of 40—with no big bank account, but just fifteen or twenty good earning years ahead—could get a guaranteed income of $250 a month. It was called the Phoenix Mutual Retirement Income Plan.

The ad offered more information. *No harm in looking into it,* I said. When Peg came down, I was tearing a corner off the page. First coupon in my life I ever clipped. I mailed it on our way to the movies.

Twenty years slide 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!

1946 came . . . I got my first Phoenix Mutual check—and *retired.* We're living a new kind of life. Best of all, we've security a rich family might envy. Our $250 a month will keep coming as long as we live.

Send for Free Booklet

This story is typical. Assuming you start at a young enough age, you can plan to have an income of $10 to $250 a month or more—beginning at age 55, 60, 65 or older. Send the coupon and receive, by mail and without charge, a booklet which tells about Phoenix Mutual Plans. Similar plans are available for women—and for employee pension programs. Don't put it off. Send for your copy now.

ESTABLISHED 1851

PHOENIX MUTUAL

Retirement Income Plan

GUARANTEES YOUR FUTURE

PLAN FOR WOMEN

PHOENIX MUTUAL LIFE INSURANCE CO.
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Please mail me, without cost or obligation, your illustrated booklet "Retirement Income Plans for Women."

Name_____

Date of Birth_____

Business Address_____

Home Address_____

PLAN FOR MEN

PHOENIX MUTUAL LIFE INSURANCE CO.
839 Elm Street, Hartford 15, Conn.

Please mail me, without cost or obligation, your illustrated booklet showing how to get a guaranteed income for life.

Name_____

Date of Birth_____

Business Address_____

Home Address_____

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Contributors

day School, and is co-leader of a Girl Scout troop that holds cook-outs around the fireplace in the Allen yard.

. . . **WILLIAM M. BRANHAM** finished college in 1941 as a chemical engineer, but is now a professional photographer, a good one, too (see his pictures of the "Sensible Modern" house, page 42). When the Air Force adopted him, some study of photography in his early college days was used to advantage. He did photography in the European and Pacific war theaters, going to Korea after V-J Day. He now lives in Atlanta with his wife, Marjorie, and black angora cat, "Myrt."

. . . **LILLIAN MILLS MOSSELLER** is an outstanding personality in the crafts world. An artist and designer, she creates hooked rugs and paintings in wool. She has executed rugs for many well-known persons including the late Franklin D. Roosevelt. Her rug creations have been taken on touring exhibition throughout the United States by the American Society of Artists and several of her designs are in the collection of the Metropolitan Museum of Art in New York.

Not that she no longer loves her former janitor . . . her husband.

But her new janitor . . . well, he's easier to control . . . just a dial or a thermostat that she sets and forgets!

And her new janitor produces and delivers . . . tempered air at any temperature desired, scientifically humidified and circulated fresh air . . . limited in dust and pollen . . . and continuously replaced . . . automatically and economically.

Yes, now her new janitor is the MOR-SUN furnace . . . the most beautiful furnace ever built!

FOR GAS AND OIL!

Please send your free four-color guide to automatic healthful indoor comfort.

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MOR-SUN Furnace Division
MORRISON STEEL PRODUCTS, INC.
669 AMHERST ST., BUFFALO 7, N.

Career girl, 1965

Little Miss Telephone herself. Thirty-five members of her family have worked for the telephone company.

That's Karen Terry — She's just three and cute as a button. Already she's decided to be a telephone operator when she grows up.

There are many reasons for her choice. For Karen is related to an interesting telephone family in California. Thirty-five members of this family have worked for the telephone company in the past sixty-five years. Many still do.

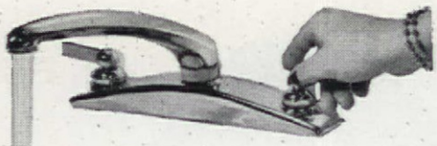
Lots to Talk About — When Karen's Aunt Ella was asked what the dinner conversation is like when they get together, she said — "Why we talk shop, of course. All about the telephone company and our friends there."

It's that way with thousands of other families throughout the country. One Bell Telephone Company found that 2800, or ten per cent, of its employees had members of their families in telephone work.

Stepping Ahead — A young man doesn't follow his Dad in a job unless Dad says, "Come along, son — you'll find it as good a place as I did." You won't find sister following sister, and brother following brother into telephone work without reason. They like the work and the company.

Good people in good jobs help to give this country the best telephone service in the world at low cost.

BELL TELEPHONE SYSTEM



Easy as getting a glass of water!

JUST WASH AWAY GARBAGE WITH THE WONDERFUL, ALL-NEW G-E DISPOSALL!®

HOW SIMPLE! How sanitary! How marvelous! Just turn on the cold water—and never be bothered by messy, germy garbage again!

Never see it! Never touch it! Just scrape all food waste into the drain. The G-E Disposall shreds it into tiny particles, washes it harmlessly away to sewer or septic tank!

And the all-new, all-white Disposall is as dependable an appliance as has ever been made. It's designed to fit practically every sink.

It combines wonderful new features—inside and out—with refinements on those features that have already made the G-E Disposall a favorite appliance in 250,000 American homes.

Make yours the next garbage-free home! See this great new appliance at your dealer's today! General Electric Company, Bridgeport 2, Connecticut.

SEE HOW EASILY THE G-E DISPOSALL WORKS!

1. You just scrape food waste into drain opening.

2. Turn the marvelous Twistop safety control. The Twistop locks into place during operation. This great G-E feature is stopper, strainer and safety control all in one.

3. Simply turn on cold water. Instantly the General Electric Disposall goes into action—grinding food waste into tiny bits.

An amazing G-E flow switch insures the proper amount of "flushing water" to wash away all food waste.

You can put your confidence in—

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Books

Communities for Better Living by James Dahir. (Harper) Price $4.00. . . For all interested in the betterment of neighborhoods—their own or more extended ones—here is wise and encouraging stimulus and guidance. Simply, concisely, understandably, Mr. Dahir reveals the problems of the modern community; gives his recipe for a good one, viz. "proper mingling of the people with each other and proper arrangement of the place"; outlines ways a community can organize for study and action; reviews a variety of significant case histories, and appraises existing "help for the job that lies ahead." A 29-page bibliography of documentary evidence is a valuable feature.

Handbook of Attracting Birds by Thomas P. McElroy, Jr. (Knopf) Price $2.75. . . By consolidating much existing, but hard-to-find information and supplementing it with his own experience and the findings of others, Mr. McElroy has put a vast amount of fact and usable advice within 163 pages. Developing the simple formula that "food and water plus adequate cover equals an increased bird population," he tells how to carry it out—in the small garden, on farm or estate, in public sanctuaries. Excellent sketches by Lambert Guenther, descriptive plant lists, realistic advice about predators and injured or orphan birds, and a good bibliography do their part. This book should enable more people to attract birds and to benefit by doing so.

How to Survive an Atomic Bomb by Richard Gerstell. (Bantam Books) Price 25 cents. . . A practical, pocket-sized book of questions and concise answers by an expert radiologist and consultant to the Civil Defense Office of the National Security Board. He tells frankly and calmly what an A-bomb is, what it can and what it *cannot* do, and what every individual and family can do to protect itself from one.

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All phases of radiant panel heating are discussed in non-technical language in this profusely illustrated color booklet. Offered as an aid in "home building" by the manufacturers of steel pipe.

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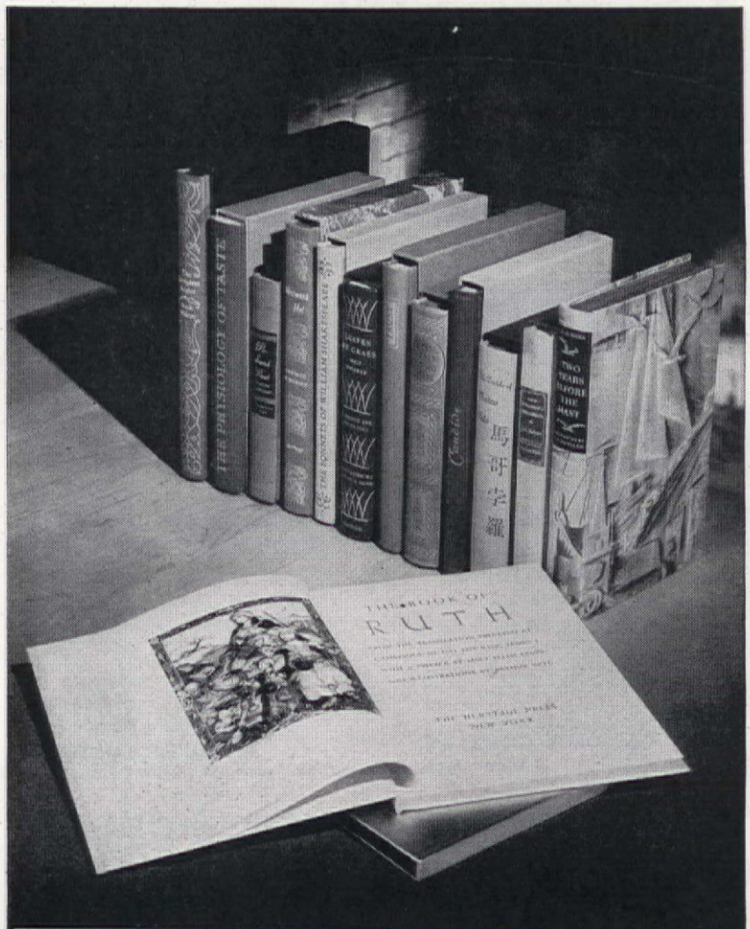

BEFORE YOU BEGIN to read this advertisement, just take a look at some of the books you have purchased during the past year. Now that you have read them, how many of them will you read *again?* How many of them could vanish from your home without being missed by you? How much better that you should this year come into possession of books that you will want to read, and read *over and over again:* of books you will take pride in having in your home.

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This is because there is a scarcity of paper in this country: paper pulp, too, has gone to war. Of the high quality of paper which The Heritage Club uses, the supply is so limited as to force us to gnash our teeth in fury. We have been promised just enough additional paper to enable us to take in one thousand new members, to receive the beautiful, *beautiful* Heritage books during the coming five months.

THE MEMBERS OF THE HERITAGE CLUB regularly come into possession of those "classics which are our heritage from the past, in editions which will be the heritage of the future." They come into possession of books beautifully illustrated, printed on papers tested to assure a life of at least two centuries, staunchly bound and boxed.

If *you* try this system, you will in the coming months receive just five books, at a cost of only $3.65 each—or *only $3.28 each* if you pay in advance. Then, when the members receive the Prospectus for the next annual series, that Prospectus will go to you; and you can decide, after you will have had five of the books, whether you want to continue.

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This Trial Membership is offered to you now because the directors of The Heritage Club confidently believe that you will find these books rich treasures for your home. Five of them, and this is the opinion of the directors, will make you want to remain in the Club.

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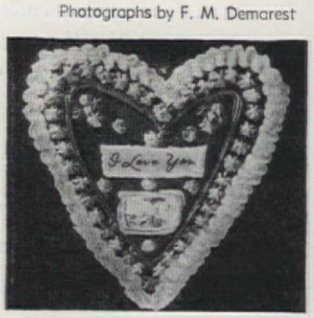
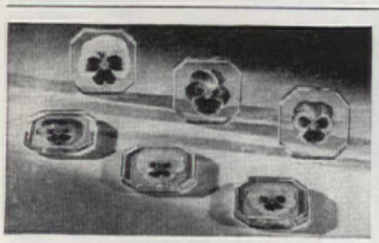
Photographs by F. M. Demarest

IT'S A MARSHMALLOW WORLD in the winter and, along about February 14th, love is blooming everywhere. Send this gingerbread heart in the mail to someone who is extra-special to you. Made entirely of gingerbread and decorated with multicolored sugar icing, it's sure to melt the hardest-hearted Hannah! 5" x 5", $1 prepaid from Klepa Arts, 8413 West Third Street, Hollywood 48, Calif.





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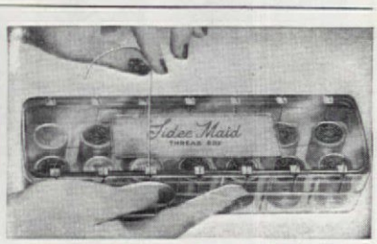

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DARN those tangled threads!! Gone forever is that hopeless jumble, for TIDEE MAID is a prayer answered. Beautiful clear plastic box has holders for 14 different colors and kinds of thread. Each holder has a separate slot and a razor sharp stainless steel cutter. Pull the selected color thread to the length wanted—and ZIPPO—it almost automatically cuts it off. No mess, no tangle—always in order. You will love yourself for getting it—if used as gifts it is a sure winner. Satisfaction definitely guaranteed.

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$1 PAIR PPD.

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Even long-lasting Redwood needs surface protection. Famous Liquid Raw-Hide Redwood Finishes are now available in four types: Redwood Color-Stain and Sealer; Natural Clear Gloss; Dull Finish Coat; Penetrating Redwood Color-Preservative. Each guaranteed for the use its name describes. Preservative $1.45 Qt., $3.95 Gal.; Others $1.65 Qt., $4.65 Gal. Prepaid.

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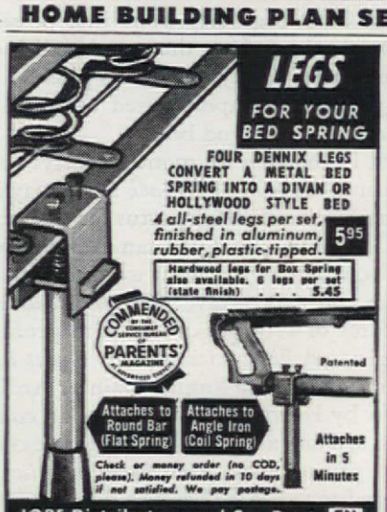

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- A new type outdoor dispose-all unit safely and quickly burns garbage and trash in any weather. All refuse, damp, green or dry is fully consumed. Scientific draft design completely eliminates fire hazard of flying ash, sparks, burning, blowing bits of paper. Intense combustion removes neighbor-annoying nuisance of flying scraps, smoke, smell. Sturdily built. Nothing to get out of order. Needs no watching. Will not blow over. Will not destroy grass or shrubs. Ends refuse hauling and fire hazards to quickly pay for itself. Measures 23" square at base by 49" high. Weighs 23 lbs. Over 2 bu. capacity. Recommended by Bureaus of Fire Prevention. **Full price now only $12.95 freight prepaid anywhere in the U.S.A.** Money back guarantee. Send check, cash, or money order to:

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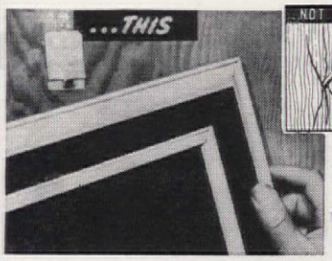
Make any design rug from 100% wool pieces, converted from used refinished papermaker's felt. 10 brilliant colors. 25 pounds or over, 55¢ lb. Less than 25 pounds, 65¢ lb. 10¢ pound extra cut in strips 1½", 1", ⅝", or ¾". Guaranteed. Instructions and designs FREE. C.O.D. if desired. State colors. **BLOOMFIELD WOOLEN COMPANY, Dept. 12-B, Bloomfield, Indiana.**

ST. FRANCIS SHRINE PLANTER. Set aside a secluded corner of your home and dedicate it to Tranquillity. When the going gets rough, disappear for a visit, and emerge rejuvenated! Let the gentle St. Francis oversee your refuge, standing over a redwood planter filled with greenery. He is molded from unglazed terra cotta. 14" high overall. $5.95. Prepaid from Wilson's, Route 29, Los Gatos, Calif.

HOOK A RUG before a blazing fire during the long bleak days of February, and by the first daffodil you'll have a piece of your own handiwork to be warmly proud of. Miss Andrews' kit includes: a 28" x 40" pattern (stamped in black on burlap), a hook, wool for roses and leaves. Complete with gloriously simple instructions. $5.95 prepaid. Rebecca Andrews, Walnut Ridge, Arkansas.

YOU'RE JUST IN LOVE! You pin up a pair of cooing cupids over your vanity. You spot a single flying harbinger of love in your guest room. And you, of course, want your teenage daughter to know how much her Mommie loves her Pop! Pink, white, or flesh cherubs, brushed with gold, 5½" tall, $3 pair. Angel Face cluster, 7" wide, $2.25. Prepaid from Holiday Products, Pontiac, Illinois.



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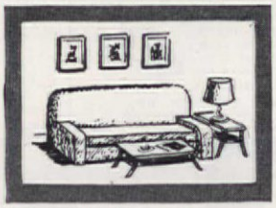
Audubon Birds brighten any room's appearance



They lend themselves beautifully to the decoration of any home whether traditional or modern. The 16 original engravings from which these prints were reproduced, and which they so closely duplicate, would cost more than $14,000 to purchase today.

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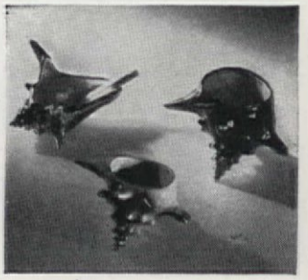
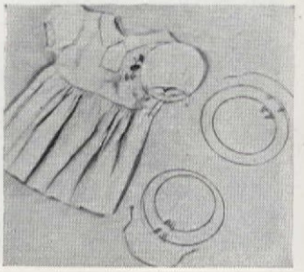


PUFFED SLEEVE STRETCHERS. Stainless steel stretchers inserted in a puffed sleeve will keep it in shape while the dress is drying. Matching armband stretcher has the same action. Keep in until dress is dry and the puffs will be perfect. News for you mothers of towheaded hoydens! Baby-size, small, medium, large, $1 pr., $3.75 for 3 prs. Ottoson Products Co., 1616 Lurting Ave., N.Y.C. 61.



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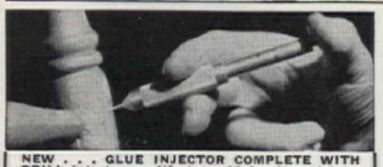

NEW . . . GLUE INJECTOR COMPLETE WITH DRILL injects new life into old furniture joints. Drill in handle makes a tiny hole to heart of joint—plunger creates syringe action forcing glue thru steel pressure tip into and around joint under great pressure. Mends furniture and toys quickly, without disassembly. Any standard furniture glue will work. **$1.35 PPD.** No COD's.

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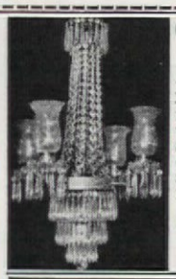

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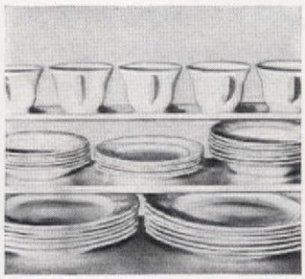
MAD FOR PLAID. On a cold February afternoon, we can't think of anything gayer than this brilliant red and yellow and black tartan. The flats (which you'll wear beside a toasty fire) are a fitting tribute to a pair of gorgeous gams. $8.25. The matching shoulder bag is a capacious copy of a feed bag. $8.25. Ppd. You'll love them in summer, too. Merryall House, New Milford, Connecticut.



BUY SPACE for your crowded kitchen cupboards and clear up the chaos. The Extra-Shelf adds two shelves for stacking dishes, glassware, or food supplies and streamlines your life as well as your storage space. This is but one of the many things we've found at Damar to make your life as a housewife much easier! 20" x 7" high. $2 ppd. Mrs. Dorothy Damar, 22 Treat Pl., Newark 2, N. J.

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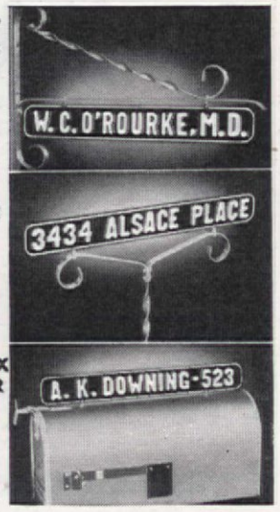

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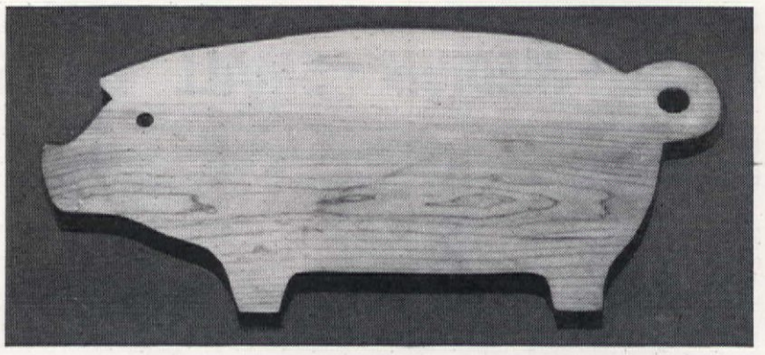

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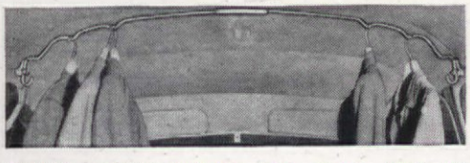
Holds up to 32 Garments. Prevents Wrinkles. Full Length



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Colors: Nude White Black

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Look Slimmer and Years Younger!

SECRET INSIDE CONTROL helps correct your individual large bust problem!

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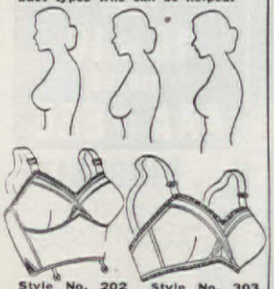
Illustrated are some of the large bust types who can be helped.



Style No. 202 Adjustable Shoulder Strap Bra only $2.98

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One of Our Many Satisfied Customers Below Says:
"I've always had expensive bras made to order. But I could never get the satisfactory fit, style and attractive bustline for my full bust that your 'Yuth-Bust' bra now gives me."
—Mrs. B. Hauft, Norwalk, Conn.

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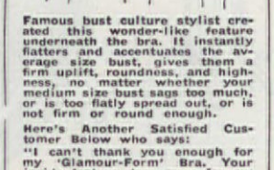
Colors: Nude White Blue Black

Style No. 505 only $2.49

You rarely see a woman with an average size bust which is naturally perfect. That is because a woman's breast muscles and tissues break down leaving your bust shaped with one or more problems that should be overcome. Your medium bust may be too flatly spread out, or it may sag too much, or it may have lost its firmness and roundness. Your ordinary bra is not designed to correct your individual bust problem. For this reason a famous bust culture stylist designed the "Glamour-Form" Bra to specifically correct the medium size bust problems. Does wonders for your figure in any outfit you wear—like no other bra! Gorgeous, wonderful quality fabric that washes like a dream! Simple adjustable shoulder straps and adjustable elastic back for closing. Only **$2.49**

INNER BRA BUST BEAUTIFIER which does marvels for your individual medium bust problems.

PICTURED HERE are some of the Medium Bust types who can be helped.



Famous bust culture stylist created this wonder-like feature underneath the bra. It instantly flatters and accentuates the average size bust, gives them a firm uplift, roundness, and highness, no matter whether your medium size bust sags too much, or is too flatly spread out, or is not firm or round enough.

Here's Another Satisfied Customer Below who says:
"I can't thank you enough for my 'Glamour-Form' Bra. Your inside feature does more for my bustline than any other bra I ever wore." —Miss J. Ward, Birmingham, Michigan.

BEFORE Miss Ward wore the "Glamour Form" Bra, her unattractive bustline, gave her clothes a "baggy" look. She looked unappealing and was rarely invited out.

AFTER she wore the "Glamour-Form" Bra for her average size bust, her bewitching bustline made her clothes fit her like a movie star. She now sparkles with personality and is socially popular.

SMALL BUST SIZES 28 to 38

Colors: Nude White Blue Black

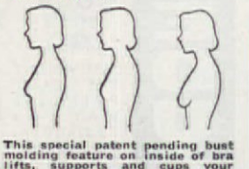
Style No. 222 only $2.49

NO PADS!

Self conscious about your flat looking bustline? Figure Beauty starts with a glamorous bustline. The sensational "Up-an-Out" Bra has an exclusive secret patent pend. feature that tends to lift and cup flat, unshapely, small busts into a Fuller, Well-Rounded, Exciting Bustline like magic instantly! NO PADS—no artificial bust build-up needed! Firm elastic back and easy to adjust shoulder straps. Beautiful fabric—easy to wash. Now Wear All Dresses, Blouses, Sweaters, etc. (No Matter How Form Fitting) With Bustline Confidence! Only **$2.49**

Profile View of Hidden Feature in Bra which does wonders for your individual small, flat bust problem.

Illustrated are some types who can be helped.



This special patent pending bust molding feature on inside of bra lifts, supports and cups your busts, NO MATTER WHETHER THEY ARE SMALL, FLAT, OR SAGGING, into Fuller, Well-Rounded "Up-and-Out" curves like magic instantly!

One of Our Many Satisfied Customers Below Says: " . . . It's amazing how its special feature gives my bustline real glamour." —Miss Doris Harris, Wichita, Kansas.

BEFORE Miss Harris wore the "Up-and-Out" Bra, she was flat, unshapely, and shy.

AFTER she wore the "Up-and-Out" Bra, her attractive bustline gave her poise, confidence.

FREE! GLAMOUR BUSTLINE COURSE

Contains 3 sections for small, medium, large scientific bustline guidance, step-by-step illustrations, what clothing to wear, bust structure picture, bust, figure proportion charts, etc. Free with order of any bra—whether you keep bra or not!

Send No Money! FREE 10 DAY TRIAL!

Tested Sales Co., Dept. SML-85B2, 296 Broadway, N. Y. C.

Rush in Plain Wrapper my special bra checked here, plus my free "Glamour Bustline Course." I will pay postman on delivery, the price, plus postage. If after 10 days I am not completely satisfied, I may return merchandise for my money back.

HOW MANY	STYLE NO.	SIZE	COLOR
	101		
	202		
	303		
	404		
	505		
	222		

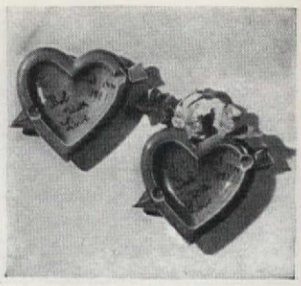
Name .....

Address .....

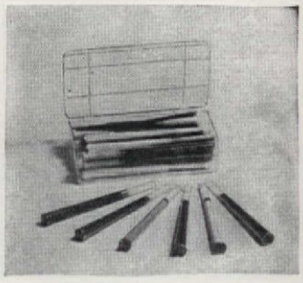
City ..... Zone ... State .....

☐ Check here, if you wish to save postage by enclosing only the price with this order form. Same Money Back Guarantee!

MARRYING FOR LOVE is a wonderful idea and so, may we add, is St. Valentine's Day. A whopping red ceramic heart can be planted and hung on a wall, or used as a candy dish or ash tray. Marked in black with "To Blank With Love—February 14th," you may have a phrase substituted if you prefer. 8" x 16½". $4 with date, $3.75 without. The Toy Chest, 408 Second Ave., N.Y.C.



WHERE THERE'S SMOKE —and a pretty girl, there ought to be a cigarette holder. And here is a lucite box of 25 paper holders in a rainbow of assorted colors. Remember it as a practical Valentine's gift for a chain-smoking working girl, an entertaining friend, or your sister-in-law. Keep a supply on hand yourself for your next party. $1.50 ppd. Abbott Gifts, 22 W. 22nd St., N.Y.C. 10.



ON THE HOOK goes an overcoat in the front hall, a snowy jacket on the back porch, a fireside broom on your hearth, or a towel in your downstairs lavatory. All these uses and many more you'll find with this solid brass eagle hook hanging in your house. Order several for you and your friends. 3" long, $1.00 each. $1.85 pair. Postpaid. The Grist Mill, Box 32, Basking Ridge, New Jersey.

Cats Love to CLAW Furniture

KITTY CHAPERONE STOPS THEM

Cats are independent and seldom do as they are told, specially when it comes to keeping off the furniture, sharpening claws on the legs or tearing upholstery.

Kitty Chaperone keeps cats off beds and furniture—away from anything you want to protect. Just shake it on—you can't smell it; cats avoid it! Harmless. Big shaker package **$1.**

SEND NO MONEY!—Order your **Kitty Chaperone** C.O.D. $1. plus postage (or send $1 bill at our risk and we pay postage).

Money-Back Guarantee

Chaperone for DOGS

Powder Chaperone keeps dogs off chairs, rugs, etc. Easy way to train. Big shaker pkg. **$1.**

SUDBURY LABORATORY, Box 507, S.Sudbury, Mass.

Dealers: Write for Special offer!

NEW! hallcraft

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$1.00 Postpaid including 25 cups

NO MORE BROKEN OR DIRTY GLASS

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REFILLS — 200 cups only $1.00 postpai

THE hallcraft CO. 1204 First National T Akron 8, Ohio

REPLATE SILVER *instantly*

***Just Rub On with Cloth*—THAT'S ALL!**

→ **$2.95** *Only*

Approved by Independent Testing Laboratory.

It's amazing! This New Miracle Super-strength SILVER PLATER contains PURE SILVER. Scientific development now makes it easy to replate your silverware right at home. Simple to use . . . in few minutes. You'll see the new sparkle before your very eyes. It won't peel or wash off.

Saves HUNDREDS OF DOLLARS . . .

KEEPS SILVERWARE GLEAMING ALWAYS

Use it to replate worn Sheffield or similar ware, or to plate ANY ARTICLE having a silver, copper, brass or bronze base. Silverplates worn chrome, too. Application cloths included. Contains no mercury, harsh abrasives.

SATISFACTION GUARANTEED OR MONEY BACK

We pay postage—no C. O. D.'s please.

Big 8 oz. Bottle Miracle Silver Plater ..... **$2.95** Jumbo Economy 12 oz. Size **$3.95**

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and PERSONALIZED Beautiful, Modern 8

PICTURE FRA

Now preserve baby's pres shoes forever—together with vorite photo—on a beautiful ture frame personalized baby's first name . . . *engr in gold!* Shoes preserves natural shape in meta bronze-like finish. Comp with 3/16" crystal plate for photo. S

$5.95 • SEND NO MONEY! SEND NO MO Send shoes and first name. Pay postman only $5 plus postage on delivery. Satisfaction guarant

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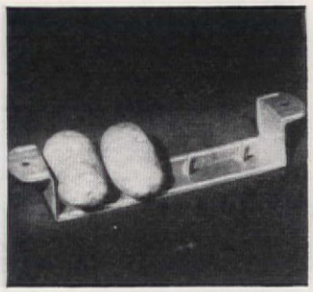
RUGADUB changes or restores the color of your rugs. Can be applied to any wool rug. Colors rugs evenly including worn areas. Dyes a 9x12 rug. Choice of Deep Hedge Green, Emerald Green, Midnight Blue, Maroon and Tobacco Brown. Complete Rugadub Kit with simple directions—$3.95.

Money Back Guarantee

Just send $3.95 (check or .I.O.) or order C.O.D. and you pay postage. Specify color. Money ba either way if not delighted.

THE CHAIR-LOC CO.

Dept. A1, Freeport, New York



HOT POTATOES will no longer produce burned fingers because we've found a fine preventive for you. The Potato Rack will hold the spuds firmly on four prongs so they can't roll into the dark and steaming recesses of your oven. And the prongs act as air vents so potatoes won't burst. Non-rust aluminum, 15½" long, $1. Prepaid from Breck's, 806 Breck Building, Boston 10, Mass.

MALE CALL. The war news, as we go to press, is as bad as it's been since that unforgettable Christmas of 1944. Once again we think of things to send the boys overseas—like this kit. A zippered case contains a sturdy nylon-bristled hair brush, a metal shaving mirror, comb, nail-file, clothes brush, and a Tek toothbrush. $5.35 incl. tax. Tek-Hughes, 500 Fifth Ave., New York, N.Y.

THE ANIMAL KINGDOM plays a leading role in this season's salts and peppers. As you know, we cater to a crowd of avid collectors, and we're sure they'll love our latest addition. With a tip of our hat to Mr. Houdini, we show you a rabbit perched pertly in a hat. As a salt and pepper, it's superb. $1 postpaid. Greenland Studios, 5874 Forbes Avenue, Pittsburgh, Pennsylvania.

HOUSE PLANS

376 TESTED

DESIGNS—IDEAS—showing photographs, floor plans of homes actually built—$5,000 - $19,000. All types architecture, all climates, 1 & 2 story. Ready-to-build blueprints available $15 - $25.

Circle your choice of books below—50c each ppd.

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hey take the place of nsafe, dusty slats. Lock rings securely, won't t bed collapse. Felt-ned, won't mar rails. rder Style 4 for wood ils up to 1" thick; tyle 3 for iron rails. ully guaranteed. No OD's please. State fin-h of bed.

Set of 4 **$2.50** Post pd.

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A profusely illustrated 36-page booklet, tells at a glance the country to which any stamp belongs. Virtually all stamps difficult to identify are illustrated or indexed. Includes valuable "Stamp Collector's Dictionary," "Stamp Treasures," & "World's 10 Rarest Stamps." Invaluable to advanced collectors as well as beginners. Also Approvals.

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Just insert whole potato, press handle, presto!—you have 24 perfect French Fries! Mrs. Damar's Food Cutter is ideal for dicing other foods and salads, too. Made exclusively for us in rust-proof, plated steel. Easy to clean, safe to use. Sold by mail only. Price, $2.98.

$2.98

NEW EASY WAY TO WASH SALADS, VEGETABLES, etc.

Be sure the salads you serve are always cold, crisp, clean! Just insert salad greens into this wire basket, hold under cold water, then shake dry! Wonderful for de-sanding spinach. Rust-proof, plated metal . . $1.39

Send cash, check, money order—and items shipped postpaid. Or, sent C.O.D., plus postage. 10-day money-back guarantee. Send for free catalog of household aids.

MRS. DAMAR, Dept. SC3, 22 Treat Pl., Newark 2, N. J.

Porta-Bed folds quickly to a snug suitcase size. For traveling, visiting, outdoors, small apartments or as regular baby bed. Strong aluminum frame supports a sturdy duck and netting crib. Folding water-repellent mattress rests on masonite bottom. No latches, nails, hinges or screws. Quick and simple to set up. Safe for baby. The open PORTA-BED measures 46" long, 24" high, 22" wide. Adjustable in depth for children up to 5 years. Weight: 11½ lbs., Color: Soft blue. $21.95 ppd. Money-back guarantee. Orders filled promptly. Write Department 2,

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THE PORTA-BED CO., INC.
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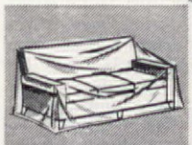
LIN-MAR HOME PLASTICS

Mitered Plastic
MATTRESS COVERS
Keep mattresses clean, sanitary with new, wrinkle free cover! Mitered corners, elastic reinforced, snap cover on in a jiffy. Water proof. Single or double bed size. **1.98**

CRIB SIZE MITERED MATTRESS COVERS . . . $1.00
FULL SIZE ZIPPERED PILLOW PROTECTORS . . $1.00

CHAIR COVER
Protect your fine furniture from dust, dirt, scratching, scuffing, pets, sticky fingers with plastic slip covers. Cut extra full to fit all chairs – 36" x 36" x 36" **$1**



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Keep sofas clean at low cost! Odorless, pliable, acid and alkali resistant clear plastic. Cut to fit all sofas, size 90" x 36" x 36". All orders shipped same day received. **$2**

SET OF 2 CHAIRS, 1 SOFA --$3.95

Plastic Auto Seat Saver, split or solid seat . . **$1.50**
Plastic Laundry Dampener Bag, zippered . . . **$1.00**
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Box 2568, Baltimore 15, Maryland
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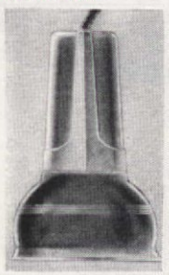
KEEP SLIM AT HOME WITH RELAXING, SOOTHING MASSAGE!

For Greatest Benefit in Reducing by Massage

USE

Spot Reducer

with or without electricity. Also used as an aid in the relief of pains for which massage is indicated.



This remarkable new invention uses one of the most effective reducing methods employed by masseurs and turkish baths—MASSAGE.

With the SPOT REDUCER you can now enjoy the benefits of RELAXING, SOOTHING massage in the privacy of your own home! Simple to use—just plug in, grasp handle and apply over most any part of the body—stomach, hips, chest, neck, thighs, arms, etc. The relaxing, soothing massage breaks down FATTY TISSUES, tones the muscles and flesh, and the increased awakened blood circulation helps carry away waste fat—helps you regain and keep a firmer and more graceful figure. **When you use the Spot Reducer, it's almost like having your own private masseur at home. It's fun reducing this way!** The SPOT REDUCER is handsomely made of light weight aluminum and rubber and truly a beautiful invention you will be thankful you own. AC 110 volts.

TRY THE SPOT REDUCER 10 DAYS *FREE* IN YOUR OWN HOME

Mail this coupon with only $1.00 for your SPOT REDUCER on approval. Pay postman $8.95 plus delivery—or send $9.95 (full price) and we ship postage prepaid. Use it for ten days in your own home. Then if not delighted return SPOT REDUCER for full purchase price refund.

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318 Market St., Newark, New Jersey

Please send me the SPOT REDUCER for 10 days trial period. I enclose $1, upon arrival I will pay postman only $8.95 plus postage and handling. If not delighted I may return SPOT REDUCER within 10 days for prompt refund of full purchase price.

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for FREE TRIAL outfit of actual samples and FREE Surprise Gift Offer. If outfit does not make money for you quickly, return it at our expense.

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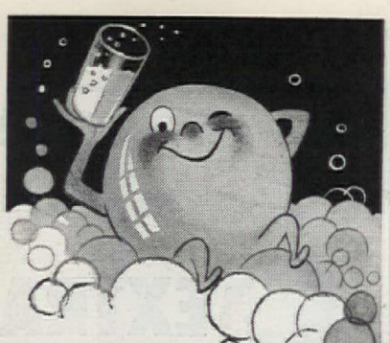

Drink crystal-clear spring-like

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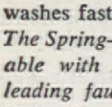
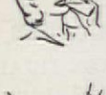
FAUCETS WITH SPRING-FLO AERATORS
make water taste better, speed dishwashing!

Enjoy water that's oxygen-enriched — it's tastier! The bubbly Spring-Flo stream makes more suds, rinses and washes faster, prevents splash. *The Spring-Flo aerator is available with the faucets of all leading faucet manufacturers.* Order from your plumber.



TASTES BETTER
The disappearing bubbles largely remove foreign tastes and odors — leave clear, spring-like water.

MORE SUDS
High velocity bubbly stream gives suds galore from any soap, makes dishwashing quicker, rinsing easier.



WON'T SPLASH
Millions of bubbles cushion the impact and prevent splash. No more wet clothes or splattered kitchens.

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Life's too short, young lady, for you to spend *hours* and *hours* wiping grime from scores of dust-catching horizontal surfaces at your windows. What to do about it? Here's a hint. On a straight-hanging **CLOTH** window shade, either oil-painted or plastic-coated, there's no place for dust to lie down. Think of the work that saves! And **CLOTH** window shades, unlike some substitute shade materials, have no static electricity—they don't draw clinging dust particles from the air. Housekeeping is easier . . . your home more attractive . . . with smooth-rolling, easy-to-handle **CLOTH** window shades —made with a strong, flexible base of firmly woven cotton fabric.

Feel that fabric! At your dealer's, the Joanna Western Quality Demonstrator turns window shades "inside out" . . . lets you *feel the difference* between **CLOTH** and substitute materials.

Joanna Western **Cloth** Window Shades

...tell the world you're a smart housekeeper!

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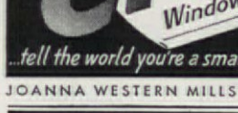
DOWN COMFORTS RE-COVERED . . . ALSO



BEAUTIFUL COMFORTS made from your old FEATHERBEDS.

Write for FREE Samples of coverings & Descriptive Folder

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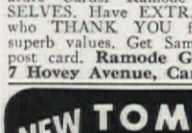
Many make $75 or more Extra Cash the very first month. No Selling experience needed. Be a RAMODE representative. Just show friends, neighbors, fellow workers colorful Ramode 1951 Everyday Cards, Easter Cards, Gift Wrappings, Stationery, Personal Notes and Tw ntone Miniature Cards. Ramode items SE .L THEMSELVES. Have EXTRA MONEY and friends who THANK YOU for showing them such superb values. Get Samples on A proval. Send post card. **Ramode Greetings, Dept. B-10, 7 Hovey Avenue, Cambridge 38, Mass.**

NEW TOM THUMB FLATS — with Vita-Plant Bands



Grow plants with ease! Nourish new plants, prevent root shock when transplanting. Gain 1-3 weeks' growing time. Flat and 12 bands, each 20¢; 5 for 90¢; 10 for $1.60 postpaid.

OLDS' OAK-LEAF LETTUCE

Finest summer lettuce. Does not turn bitter with age. Excellent crop all summer long. Large oak-shaped leaves. ¼ oz. pkt. postpaid - - - - - **10c**

SEND CARD FOR *FREE* SEED CATALOG. Describes many new items including TITHONIA TORCH at 25¢ pkt.

L. L. OLDS SEED CO.
Department 2A • MADISON 1, WISCONSIN

TAKE YOUR TIME from a white china clock decorated with a reproduction of the famous Currier & Ives snow-scene print. The clock is charming in a country kitchen, and it's a warm spot of welcome in an entrance hall. 10" wide with a guaranteed self-starting Sessions electrical movement, $14.50 incl. tax & post. Jenifer House, New Marlboro Stage, Great Barrington, Mass.

TRAVELING COMPANION for a business man is this folding tie case with a built-in hanger. Because a tie is usually a focal point, it's important that it be neat and well-pressed. The case folds flat for easy packing, and hangs up for quick selection. Takes 8 to 12 ties, and 8 handkerchiefs. Saddle-finish leather, with 3-letter monogram, $3.95 ppd. M. C. Flynn, 43 E. 59th St., N. Y. C.

DADDY'S LITTLE GIRL has a tireless heart that begins bouncing in anticipation of the Easter bunny while you're still grappling with Christmas bills and income tax forms! To stave off advance requests, order a batch of these chenille lapel pins which she'll sport happily on her coat. Almost any animal is available. 2" long. $1 each, postpaid. Animal-Ites, 1350 Broadway, N.Y.C.

THAT MODEL LOOK

with the
New Make-Up Base
(Liquid)
TECHNI-VEIL
(TV7)

The perfect face a cover girl presents to the world isn't necessarily so. Models have complexion faults too. Their jobs demand perfection all the time. The camera doesn't lie—in fact, it magnifies. To present a flawless appearance models rely on make-up. NOW—a completely new make-up base created for models to keep them looking naturally perfect for 10 hours at a time without retouching—is made available to the general public. **TECHNI-VEIL** (Liquid Base) helps transform even imperfect skins into a beautiful complexion. Easy to apply as face powder, yet perspiration does not touch it, rain won't streak it. Cry-proof too. You won't know you have it on except for the wonderful attention it gets you. Five shades. Choose from the description below.

12 Make-Ups 25c

MODELS COSMETICS, INC., *Dept. AH-1,*
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Chicago 10, Illinois

Simply check the shade (or shades) you want, and send together with 25¢ which includes postage and government tax, for each shade desired. Cream____, Blush____, Beige____, Brunette____, Sun Gold____. Each package gives you at least twelve 10 hour **TECHNI-VEIL MAKE-UPS.** You'll receive yours by return mail.

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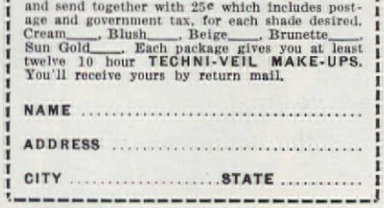

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Our Children

Members of Pasadena Junior Museum Workshop listen to high points about "Dolls and Armor" exhibit in Children's Gallery

A Whole New World — $1.00 a Year

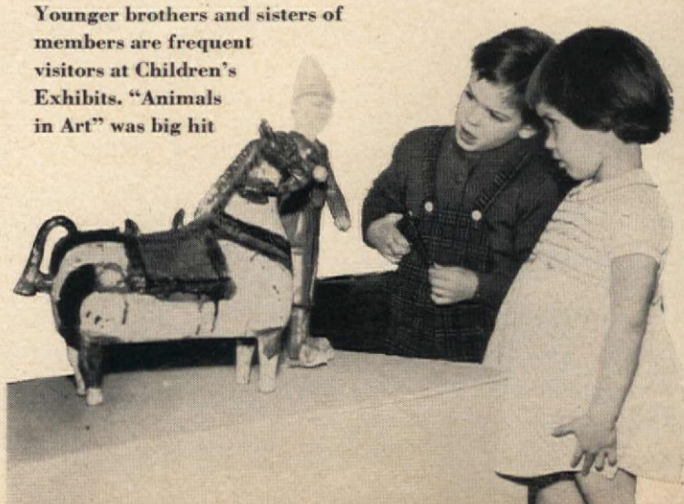
KAY CAMPBELL

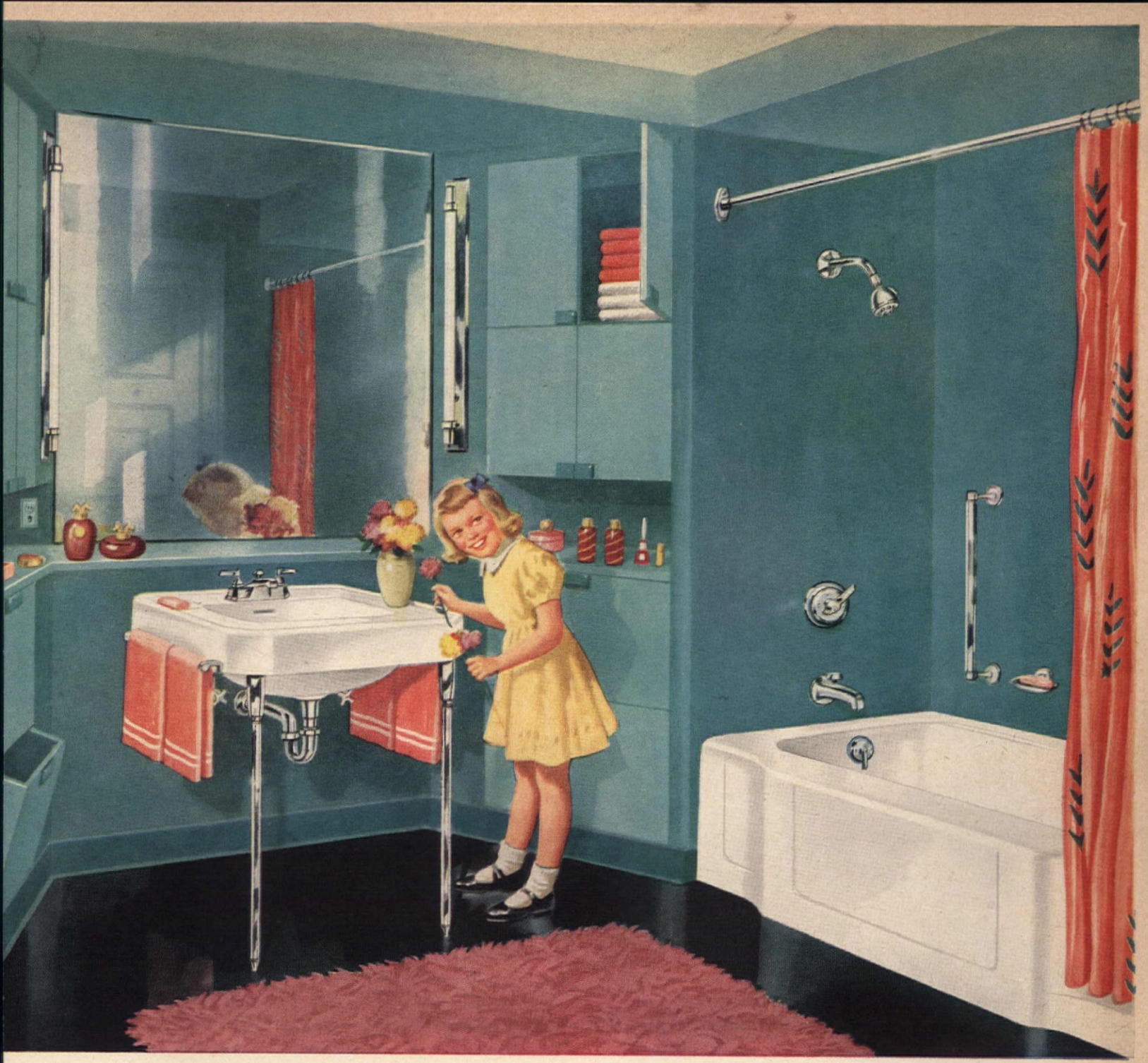
Getting young children interested in art is a considerable art in itself, as any parent who has coaxed a balky offspring through a museum can easily tell you. The Pasadena Junior Museum Workshop has found a way around this seeming juvenile reluctance to be educated to the finer things of life—and without having to resort to bare-faced bribes. And the membership for the year costs each embryo Michelangelo only a paltry $1.00.

Membership is open to children between eight and sixteen, and complete freedom is given every child to follow any and all artistic inclinations. The Workshop tries to bring creative experience within the realm of the child's everyday life, to broaden his vision and understanding and thus make him a better potential citizen.

The Workshop starts buzzing at 9:30 each Saturday morning, and from then until 3 p.m. the youngsters, spurred on by volunteer artists, helpers, and professional teachers, are busy creating every-

Younger brothers and sisters of members are frequent visitors at Children's Exhibits. "Animals in Art" was big hit





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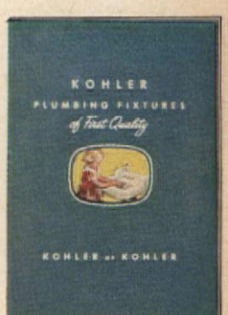

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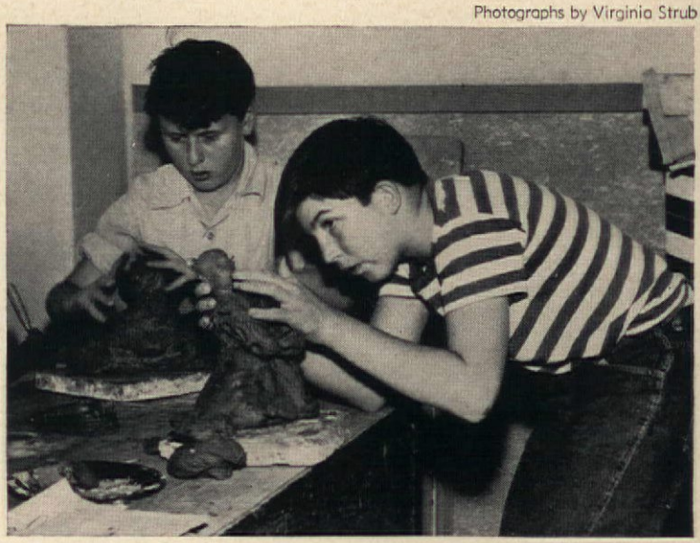
A Whole New World (Begins on page 20)

Photographs by Virginia Strub



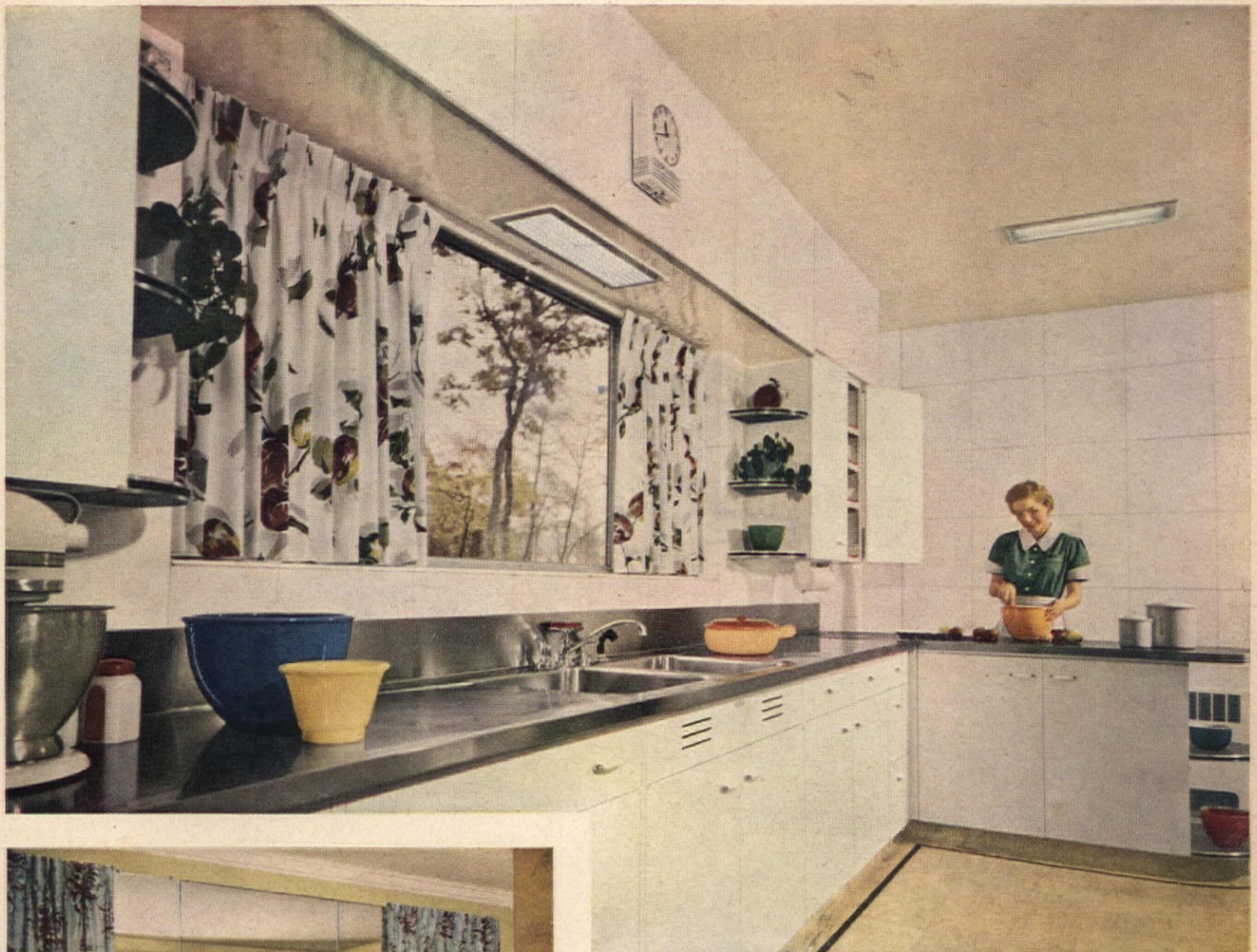
Hugo Carlos, left, and Norman Abbey are absorbed in modeling in clay. Models are shaped on asbestos stand so that they will be ready to go into kiln when the artists are finished

thing from a painting of a hot summer day to construction of the latest aircraft models. The program, planned with the assistance of the Pasadena public schools, offers the chance to work in a variety of media such as poster paint, water color, pastel, pen and pencil, charcoal, clay, and woodworking. Besides the workroom projects, there are exhibits and entertainment in the Workshop's own galleries in the Pasadena Art Institute.

The members, and there are more than two thousand, saw seven exhibits last year, beginning with the "Music Show" and ending with the International Exhibit of Children's Paintings, in which the work of children representing twenty countries was shown. There were also the "Theater Show," "Animals in art," "Communications" (radio, television, telegraph, telephone), and a favorite—"Native California." Volunteer guides take the children through their own exhibits as well as the more important adult exhibits and explain and interpret the material on display. Then in every workroom, under the guidance of artist Frank Gonzales, the exhibit material is correlated with the creative work. The fundamental form and line, design, and color which make a particular exhibit "art" are continually discussed and illustrated in the work at hand. Each child is encouraged to try different materials to produce work that is tied

Success of workshop is indicated by the intent expressions on the faces of these he-men shown busily at work decorating clay pieces in workroom of Pasadena Junior Museum

How to give your home glamor with glass



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A Whole New World (Begins on page 20)

Mrs. Harcourt Hervey, a volunteer worker, assists these puppeteers who construct their own puppets

up with the spirit of the current exhibit. From time to time, professional artists demonstrate their methods, working in their own media, while the children watch and then follow suit.

Quiz games covering the exhibits on display are favorites with the children. Cardboard squares with such questions as "Find a picture called 'Harbor Tapestry' by Phil Dike," "How many boats can you see?" are given the children to fill in as they see the exhibit. When the child has finished five games perfectly, he is placed on the honor roll; when he completes fifteen, he wins a prize —a book of reproductions of famous paintings.

Entertainment is varied. A theater group offers four plays, planned around the theme of the exhibits, and movies, similarly tied in with the exhibits, are shown on twenty other afternoons. Folk dancers, magicians, and child musicians are presented during the year. A puppet group designed, constructed, and produced six puppet plays for the entertainment of other Museum members.

This Junior Museum, one of the few of its kind in the country, is under the joint sponsorship of the Pasadena Art Institute and the Junior League and is financed and staffed by the Junior League. All volunteer workers are trained in the techniques of working with children and the philosophy of children's museums. For all concerned, from teachers to children, it's been an A-1, howling success.

Robin Poole jumps at the chance to find out what weaving is really all about. Boys are as enthusiastic about Museum entertainment and projects as the girls

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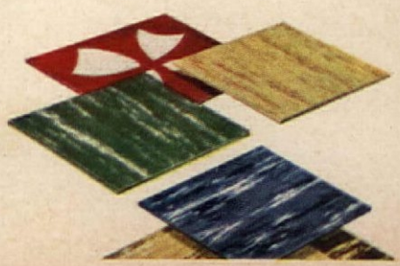

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The American Home Forecast House — a Good Neighbor Project

JESSIE WALKER

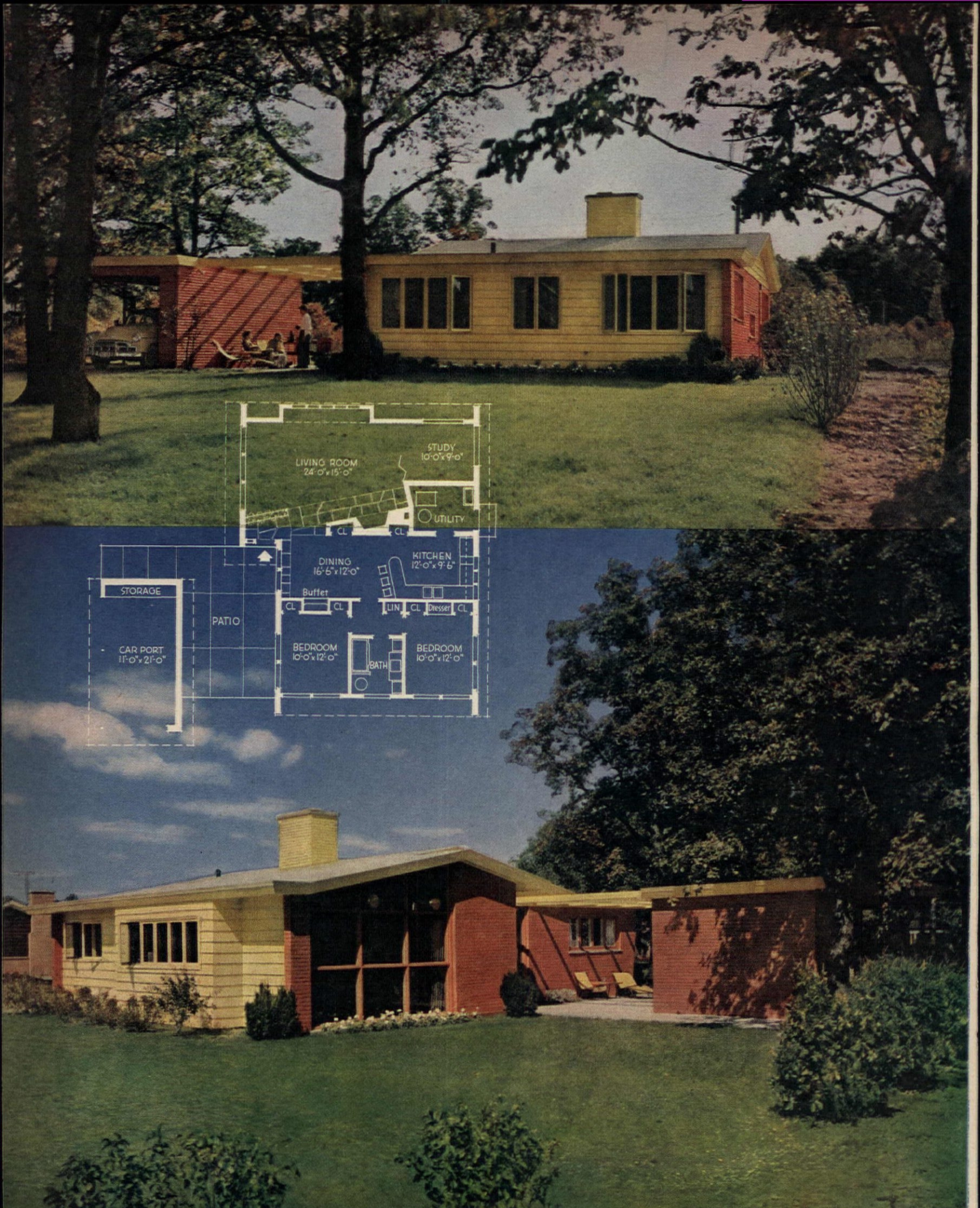
The Lions Club in Highland Park, Illinois, raises money for civic projects— an American family gets a darn good house

The idea of building a house through the donated services of Lions Club members, displaying it for six weeks with a 25-cent admission charge, selling it and adding the profits to the depleted scholarship and civic project fund belongs to member and architect James Duncan. It met with the ready acceptance of other members in the building trade, a series of meetings were held to make the necessary legal and financial arrangements, each member pledged $100, and the brave Lions of Highland Park were launched on this ambitious charitable venture and six months of hard work.

It was then that the editors of THE AMERICAN HOME heard about the house and, deciding that both the design of the house, and the scholarship fund had merit, lent their support. THE AMERICAN HOME secured the services of Marion Heuer, popular Hubbard Woods decorator, to design the interiors. Editor Gertrude Brooks Dixson asked Mrs. Heuer to work with Duncan so that architecture and decoration would be co-ordinated, made arrangements for manufacturers' co-operation (See page 30). Real teamwork, that, and a result of which all are proud.

Forecast House is made of more than brick and stone. Workmen on the job say

PLEASE TURN TO PAGE 30



Photographs by B. Goodnow—Krantzen Studio, Inc.

Teamwork makes Forecast House plan available to you! Order

THE AMERICAN HOME presents this as its Forecast House because: (1) it reflects the trend toward informal living, (2) it has been oriented on the site to take the best advantage of a typical suburban lot, (3) the decoration and architecture have been skillfully correlated to create a unified effect, (4) the living areas have been kept at a maximum, and sleeping areas and halls cut to a minimum, during a high-cost building era when cubic space must be cut somewhere

form, page 104

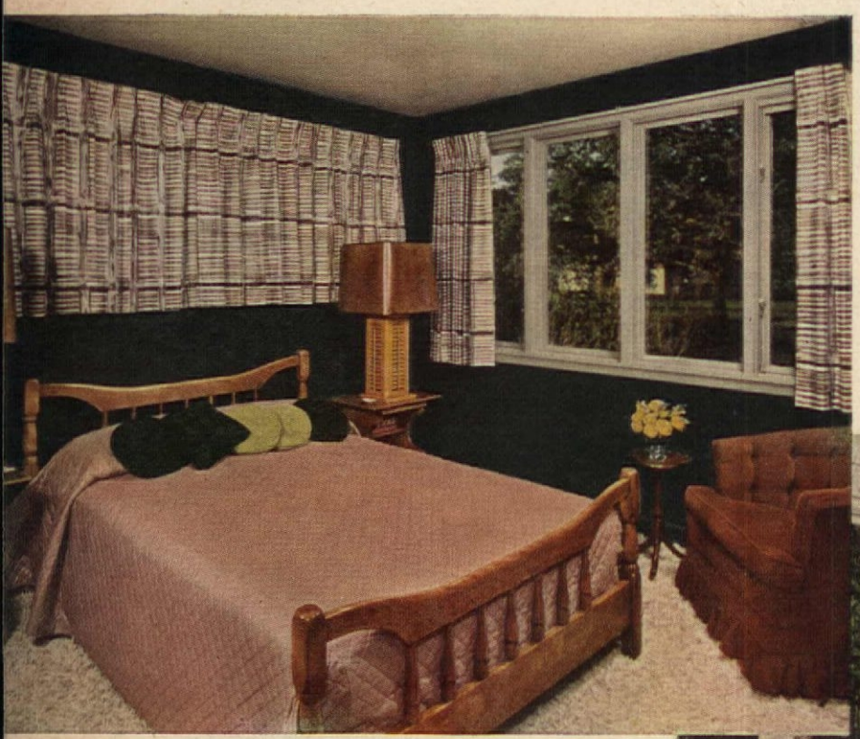
Kitchens and dining areas are divided only by breakfast bar. Pine stool seats covered in brown burlap, corks on green net curtains add colorful, casual touches to well-organized kitchen

Plaid draperies with deep ruffles become a whole gay wall when drawn across windows of dining area. Living-room colors are repeated, carry right on into kitchen. Hutch is built-in

BEGINS ON PAGE 27

no fireplace has ever been given more loving care than the one Ed Olson built of crab orchard stone. They feel the same way about the other services contributed at cost by Lions Club members. The purposeful, planned co-operation of this group of builders was an impressive thing. The evening before the opening, sedate businessmen rolled up their sleeves and went to work scrubbing the hearth, washing windows, mopping the kitchen and bathroom floor, and cleaning the terrace and carport. You should have seen the club president, Bert Greene, usually dignified school teacher, down on his hands and knees scouring the hearth. Ed Olson and Fred Moon, assistant postmaster, were helping him. There were Mart Hart, banker, and Frank Keller, gas company salesman, polishing windows, while Wilfred Seguin, funeral director, and Paul Olson, men's clothing store owner, cleaned the terrace, and Lloyd Larson mopped the kitchen floor.

All this was going on until after midnight with the Lions,

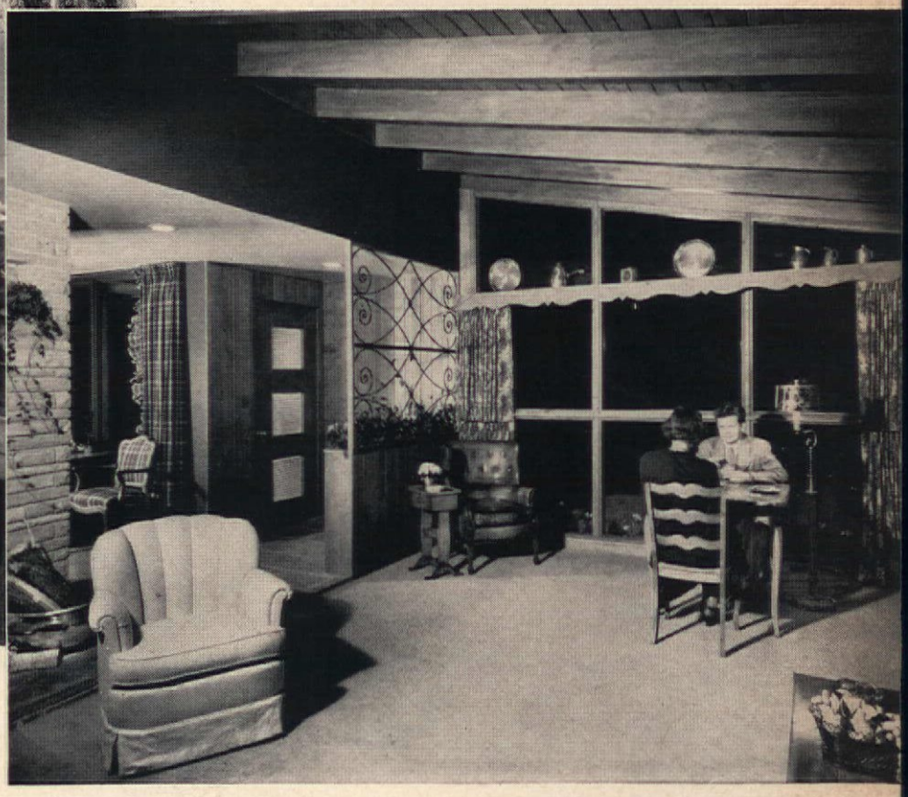


Self-toned woods and fabric against black in one bedroom, matching wallpaper and fabric in other are clever tricks to make small rooms seem larger

James Lees & Sons, living and dining-room carpet
Libertyville Textiles, bedroom rugs
Greeff Fabrics, Inc., living-room draperies
National Bedding Assoc., spring and mattresses
Ficks Reed Co., patio furniture

Long recess with concealed lighting houses sectional pieces used as oversized sofa but will go anywhere in room

When architect and decorator work together, there's special harmony between furnishings and background. Decorator Heuer broke many clichés, brought modern and provincial together in good taste



dodging painters and paper hangers, adding the finishing touches, and the girls from Marion Heuer's shop hanging pictures and draperies. On opening day, guests were greeted by president Bert Greene and other members of a welcoming committee. Later, each of the 65 members took his turn at the door, so that Forecast House could be seen from noon until nine every day.

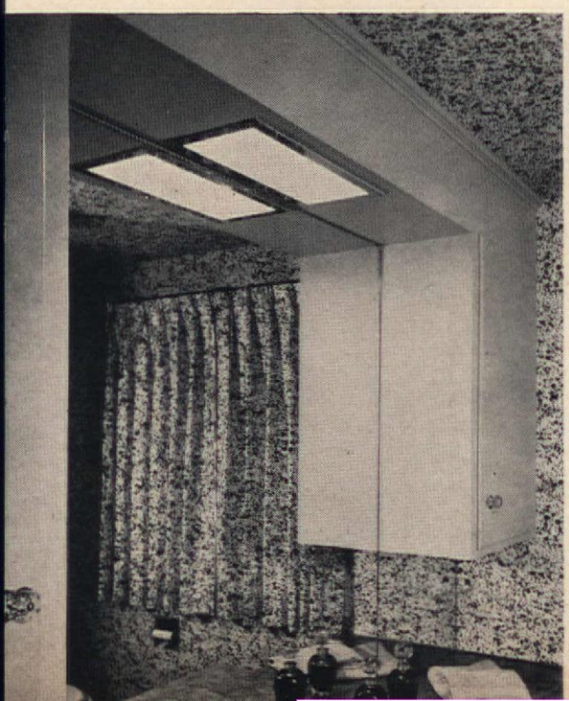
Wanting to keep the house a surprise, the men wouldn't let their wives see it until opening day. After that they couldn't keep the women away as their wives accompanied them as enthusiastic hostesses and brought hot meals to the men on duty at the door. Cleaning and grass-cutting crews kept grounds and house in apple-pie order. Ed Olson's wife brought in fresh garden flowers each day. Many another Lioness loaned a helping hand.

Early during the construction Duncan and Mrs. Heuer met often discussing necessary changes from the original plans. Although the architecture is contemporary, Mrs. Heuer knows her

PLEASE TURN TO PAGE 102

JAMES DUNCAN OF JONES & DUNCAN, ARCHITECT
MARION HEUER INTERIORS, DECORATOR

FORECAST HOUSE FEATURES In Bathroom: Built-in overhead lighting for good-sized mirror. In living room: Light trough hung over small desk. In den: Effective, practical room-divider of louvered panels hinged to fold back against wall



FORTY-NINER

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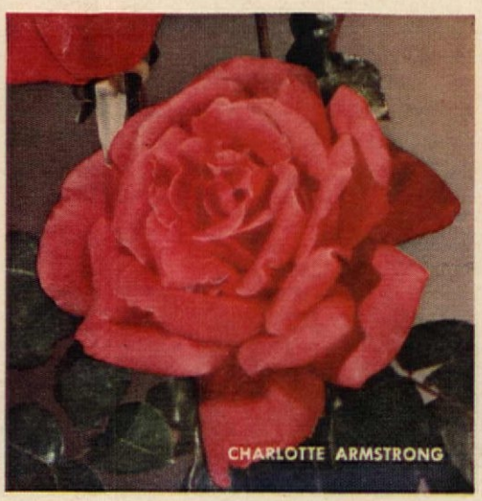
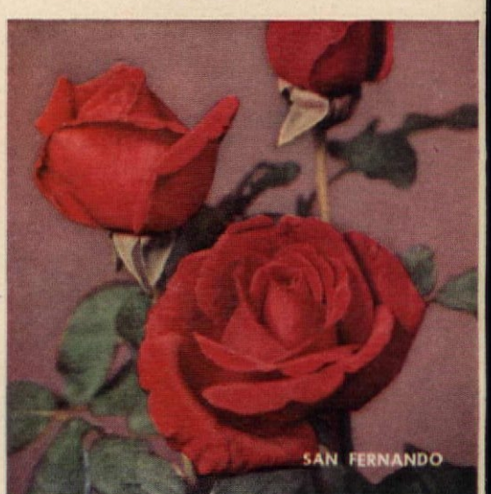

CHARLOTTE ARMSTRONG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The Best Ten Roses of the Last Decade

The last edition of *Modern Roses* lists nearly 5,000 named varieties. Hundreds of new ones are produced each year by the world's growers and hybridists. Perhaps, in these circumstances, any attempt to single out the best one, ten, or 100 may seem far-fetched, impractical, and futile. And, indeed, so it might be were you or I to do it, with our necessarily limited knowledge, experience, and opportunities for judgment, and our unavoidably and understandably personal preferences.

And yet a method of selecting new roses of outstanding, proven merit for recommendation to the country's gardeners has been followed for ten years, and the galaxy on the opposite page is its tenth anniversary result. In 1938, a group of leading American rose growers and originators (now numbering 27), seeking a way to help rose buyers choose wisely from the hundreds that come on the market year after year, established the All-America Rose Selections. Thereby plants of any new rose can be entered and tested for two years in 20 official trial grounds located in California (4), New York and Pennsylvania (2 each), Washington, Oregon, Texas, Oklahoma, Iowa, Ohio, Minnesota, Kansas, Connecticut, New Jersey, Georgia, and Louisiana. Here they are carefully scrutinized by expert judges and graded according to a score that lists 15 vital qualifications, such as hardiness and vigor (given top rating), duration of flowering, number and fragrance of blossoms, etc. If the score of a candidate meets an established standard, the variety is recognized as an "All-America," permitted to wear a tag with an "AARS" emblem, and promoted by all the members of the group, no matter by whom originated. How high the standards, and how rigorous the judging is indicated by the fact that since the first awards were made in 1940, only 32 varieties have qualified as All-America Selection roses.

Last year, for the first time, no candidate was found worthy of All-America honors for 1951. So the judges decided to study the records of a decade and select the ten which they considered best and which, in addition, had passed the ultimate practical test by winning the approval of the consuming public—the rose-growing gardeners themselves. Those are the ten shown herewith in their true colors, insofar as color photography and color reproduction permit. (No one knows better than flower lovers how incompletely satisfying mere pictures can be!) Their ranking by the judges, and the years in which they first won All-America acclaim, are given in the list which follows:

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SEE ALSO "SHORT CUTS IN ROSE GROWING"—PAGES 105 AND 106

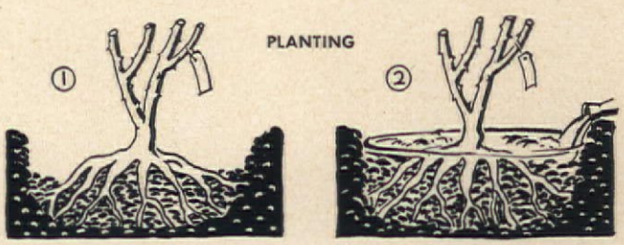
HOW TO HANDLE ROSE PLANTS

After unpacking bundle, put roots in pail of water or thin mud while digging hole

OR

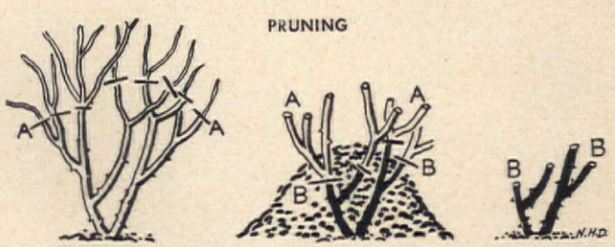
If planting must be delayed for days, "heel in" plants in shallow, sloping trench. Cover with soil, leaving only ends of branches out

PLANTING



1. Dig hole; work humus and plant food in bottom; set plant on central cone of soil; spread roots. 2. Work soil in with fingers, firm with feet; or settle it with water. 3. Mound up soil 8–10 in. to prevent canes drying until growth starts. Set label firmly

PRUNING



In fall planting, prune at "A" and mound up. In spring planting, prune more severely, at "B." Level soil when buds start growing

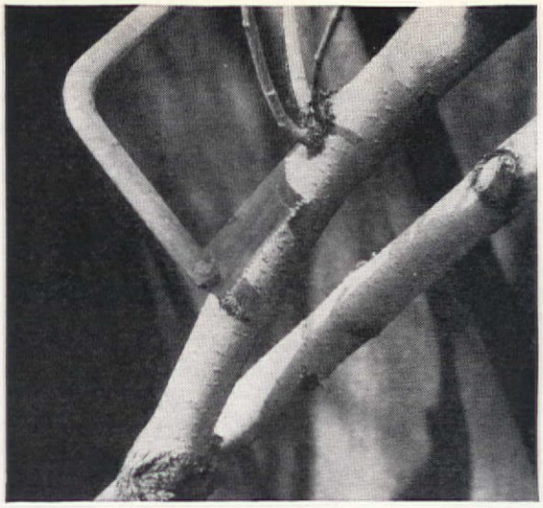
Photographs by Harold E. McGee
Lilac studies from De La Mare,
Arnold Arboretum, Highland Park Herbarium

12 Kinds of Lilacs on One Bush

You can make a "multi-lilac"
just as E. K. Kirkland did, by using
his simple grafting method

Below, Mr. Kirkland's lilac bush (planted fifty years ago by his wife) with tagged branches showing where it is grafted to more than a dozen kinds. Also the plant in bloom, with planter and grafter beside it

1. To graft a lilac, make a clean, straight cut across a branch an inch or so in diameter. Use sharp saw with thin blade, fine teeth, to avoid rough edges, split bark



2. Split limb straight across and about 2 inches deep, using sharp carpenter's chisel, preferably wider than branch. Hold cut open with screw driver thrust in center

(Please turn to page 107)

RUTH DENT HUGHES

Perhaps you have been impressed by advertisements of fruit trees that bear several varieties of apple, peach, or whatever on the one plant. You may have wondered how they were developed, whether you could make a combination tree of that sort. Well, you can, and by means that are well within the ability of any good gardener. In the case of the young, "multi-variety" trees that nurseries sell, the different kinds are usually established on the main or "stock" tree by an operation called "budding," in which a single bud of each desired variety is inserted under the bark of a branch to which it attaches itself and of which it becomes a part. When the bud starts growing, the original branch is cut off—made to abdicate, as it were, in favor of the new one.

However, if you have an old tree and want to "work it over," as orchardists say, to one or more kinds, you can do that by "grafting," which is fundamentally the same as budding except that, instead of one bud, a twig (called a "scion") with several buds is inserted into a branch with which it unites. Because the twig is inserted in a slit or cleft cut into the stock branch, the method is called "cleft grafting." It can be practiced on plants other than fruit trees, as this article demonstrates.

Every spring in Livingston, Montana, lilac bushes bloom beautifully all around town. But in the E. K. Kirklands' garden, one bush bursts into a veritable symphony of blossoms that attracts people from miles around. For it bears more than a dozen kinds and colors of lilacs! The explanation is Mr. Kirkland's hobby—grafting. Some years ago he conceived the idea of a "multi-lilac bush," and each spring he has added to it a new variety. Collecting the scions of different kinds is a phase of the hobby in which Mrs. Kirkland, too, takes part. For anyone who wants to try his hand, Mr. Kirkland offers the suggestions illustrated herewith.

First, the bush must be mature, though it need not be as old as the Kirklands' which was planted 50 years ago. Do the grafting in early spring, just before the sap starts to rise. The scions, however, are cut in advance, any time during the winter, while they are dormant. Cut them about lead-pencil size, with three or four buds, and as you collect them, wrap them in a plastic sack (as used in a freezing unit) adding just a bit of moisture to keep them from drying out, and store them in a cool place in the refrigerator (*not* a freezer) until needed. Choose for the stock a sound branch an inch or more thick and cut it off squarely and carefully so as not to split or damage the bark. Mr. Kirkland uses an ordinary meat saw, but

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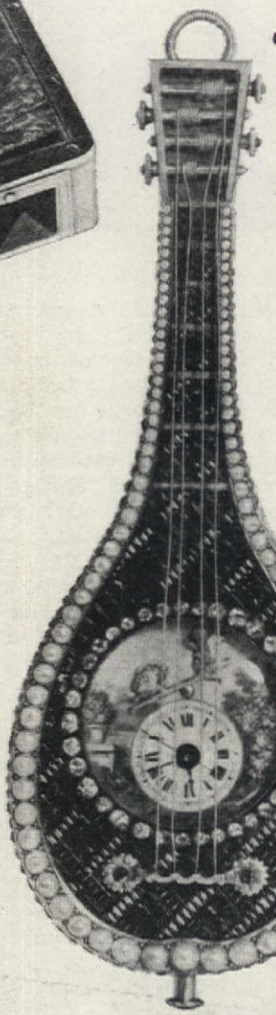
Here, Mr. Kirkland with the tools of his hobby, and a newly completed graft tagged to show its history. Facing page, above, examples of colors and kinds—French, Persian, single, and double—on his one plant

ACROBAT, MOVING FIGURES PERFORM

Box with music and automaton: an acrobat performs in one compartment with two other moving figures, a watch in another. Painting of two children and flowers on cover. On the bottom, "The Elopement." Varicolored, gold-and-blue enamel decorated with pearls. Masterpiece of rare beauty and workmanship



CHILDREN SEESAW TO MUSIC

Watch set with diamonds and pearls in gold mandolin 5¼" long. Made in Switzerland about 1800. As the music plays, two children seesaw. Strings are of gold, gold sounding board is covered with translucent red enamel, bandings of turquoise. Inside of mandolin is decorated with pearls and scroll ornaments

All wound

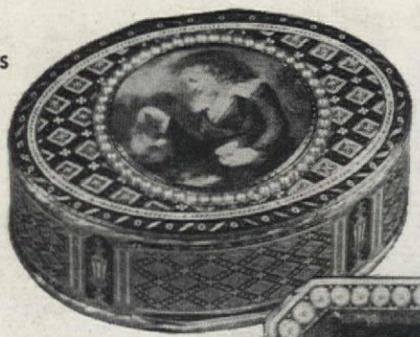
PULL HIS TAIL AND HE RUNS

Whimsical mouse of gold studded with pearls has ruby eyes. Pull the tail to animate him: he rises on his feet, pauses a moment, darts away, stops suddenly, turns around three times, and runs quickly in another direction. The 18th Century creator of this automaton definitely created it for amusement and delight rather than use, giving it the fast startled movements to illustrate the temper of a mouse

LIFELIKE FROG CROAKS, JUMPS

Articulated frog croaks and jumps. Of gold, lifelike green enamel, and pearls, the frog is about 2½ inches long. Made in Switzerland toward the end of the 18th Century, it is one of the most amusing and beautiful antique automatons in this largest collection ever assembled. Most pieces were made in Switzerland, London, and Paris from 1760 to 1830

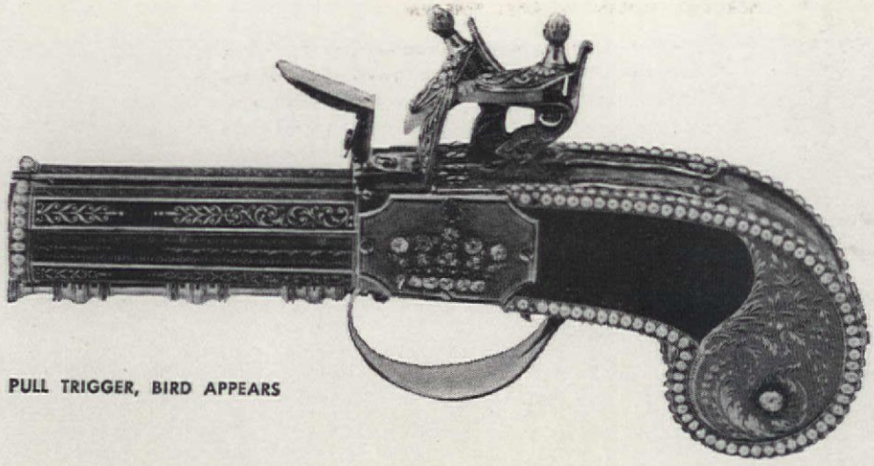
LIFT LID, BIRD FLUTTERS, SINGS



Oval snuff box 3 inches long of gold and enamel. The miniature on the cover, encircled with pearls, can be raised to show a tiny bird which flutters its feathered wings and tail while it sings. Lower compartment has space for snuff or to hold gold key which starts the sound and action. Unusual because it was signed by each of artisans who contributed to its mechanics and beauty.

Magician's box, at right. The magician moves to conjure up a vase, flowers, and tiny bird which sings; then all three disappear before your eyes. The box is in gold with landscape on cover beautifully shown and colorfully enameled. This and many of the pieces are from private collections. Others are museum pieces

FLOWERS, BIRD APPEAR



PULL TRIGGER, BIRD APPEARS

Double-barreled gold pistol. When trigger is pulled a tiny bird appears from one of the barrels, sings his song, then suddenly disappears. The curved stock is decorated in blue, red and green enamel, embellished with diamonds and pearls. Flintlock action is of chased gold and mother-of-pearl. Side plates bear a diamond-set crown. Ramrod is really a cleverly contrived pencil

Key and pendant in the shape of a padlock with music and automatons. Of varicolored gold with pearls and diamonds, both sides decorated. Inside the pendant are two figures dueling. Made in Switzerland toward the end of the 18th Century. Although most automatons are set with jewels in precious metals, their interest lies primarily in the exquisite hand-craftsmanship and in the imagination shown by artists who created them

MARY E. MONZE

up and ready to go

UNLOCK PENDANT—MUSIC

Priceless collection of jeweled automatons shown for benefit of the Pestalozzi Foundation of America

The largest collection of automatons ever assembled in one place was exhibited recently in New York for the first time in the United States for the benefit of the Pestalozzi Foundation of America, a non-sectarian, non-profit charitable organization dedicated to the welfare of children.

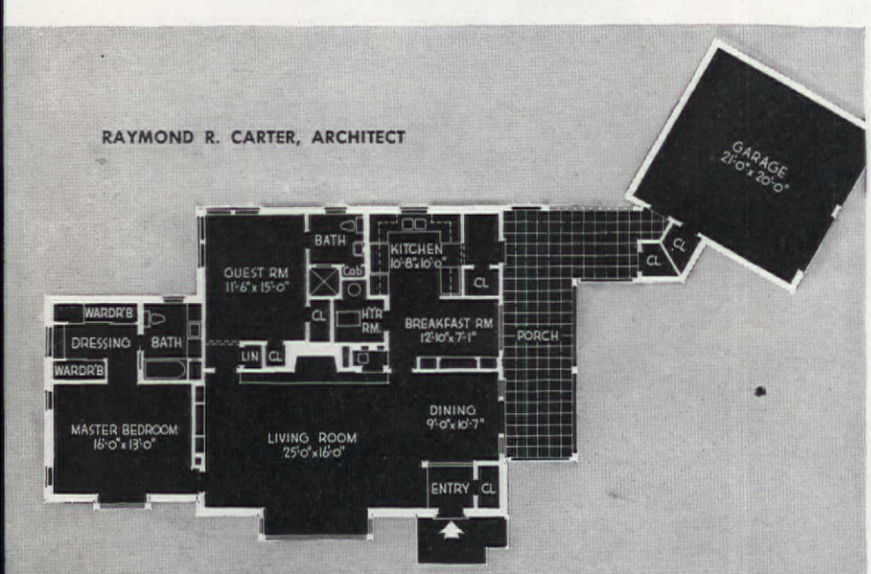
The 165 automatons exhibited were brought together, with great difficulty and cost, from museums and private collections all over the world, on loan for this good cause. Automatons, articulated figures of people, animals, birds or objects, with complicated mechanisms to produce sound and movements, were made in Switzerland, England, and France as early as the 16th Century. However, most pieces shown are 18th and 19th Century. Some automatons are in the shape of animals, while others are combined with watches, clocks, perfume bottles, jewel cases, vanity and snuff boxes. Each movement is unique, and none was exactly repeated in any other piece. Although some of the delicate mechanisms are minute, all are in perfect working condition.

Many were created as requisites for admission into the master guild and took years to complete. Beauty and whimsy combine perfectly in expressing this rare and exquisite handcraft of the past.

ENTIRE ENSEMBLE MOVES

Diana and the Stag, superb creation of automaton art. In silver, partially gilt, and set with jewels, the entire ensemble moves forward along a table. According to custom, the person before whom it stopped had to remove the stag's head, which forms a cup, and drink the contents. Made in the late 16th or early 17th Century by Joachim Friess, silversmith, and formerly in the Gutmann collection, this piece was gift of J. P. Morgan to the Metropolitan Museum of Art

THE OKLAHOMA CITY HOME of Mr. and Mrs. A. Waldo Stickle

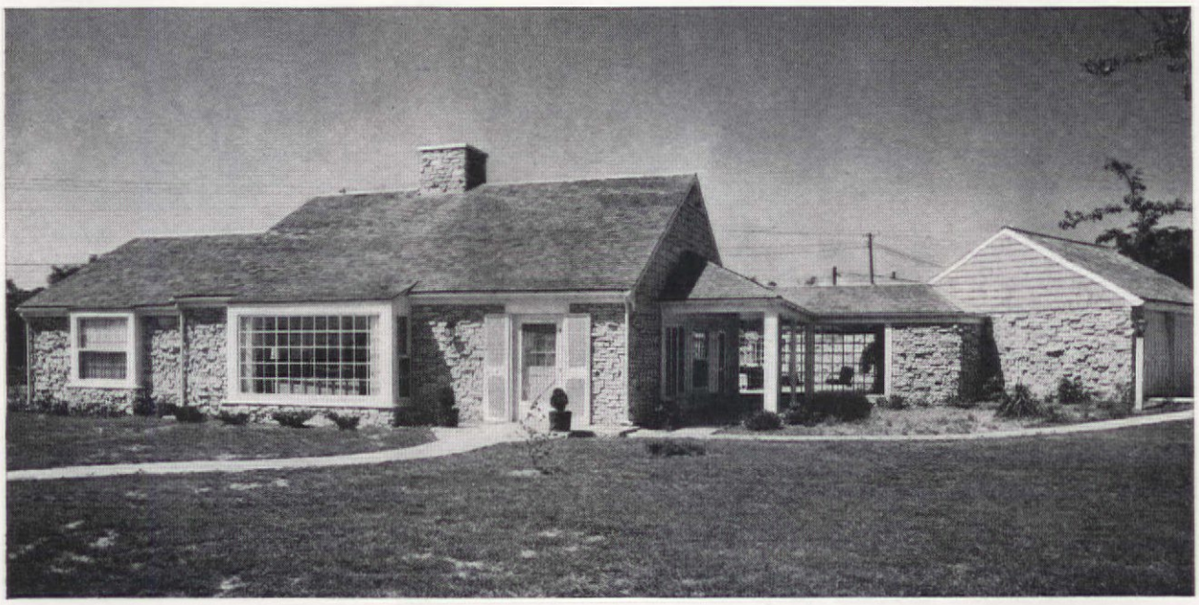


Photographs by Fred

Rugged, honest architecture, a compact plan. Elimination of stairways and basement makes every inch of space count for living. Against color scheme of soft grays and blue-greens, Mrs. Stickle skillfully blends old heirlooms and modern furnishings

Passers-by want it!

EUGENIA WHITE



Mr. and Mrs. Waldo Stickle had built up a composite picture of the kind of house they wanted to build and spent long, fruitless hours driving about the city, trying to find an example of the kind of home they craved. They will always remember the thrill of rounding an unknown corner and coming upon the Early American home that Raymond Carter, Oklahoma City architect, was building for himself. They had found the example and the architect! Before long, architect Carter was busy designing a home for Mr. and Mrs. Stickle.

The Stickle home built of ledge-rock, a native stone, roofed with weathered shingles, and sitting squarely upon the ground, preserves a sturdy, Cape Cod flavor. Yet its open plan, concrete slab floors, air conditioning, and elimination of basement and stairways make it a strictly contemporary house for all its exterior ruggedness. It eminently suits the dignified, but simplified way of life the Stickles want. What's more, like all good houses, it provides a harmonious background for things they cherish from the past, accumulate now for modern comfort.

Kitchen walls are olive-pickled fir plywood, floor a mottled tan and brown asphalt tile. H-hinges, a Colonial wallpaper in soft green and yellow with red accents, ruffled yellow curtains provide a familiar homey background for up-to-the-minute equipment. A bar opens from the breakfast room area off the kitchen, as well as being accessible to living room.

The master bedroom wing is completely private, and includes a large, well-planned dressing room as well as its own bath. Guest room likewise has its own private bathroom—a luxury rarely incorporated in so compact a plan.

The patio, added as an afterthought, was inspired by a trip to New Orleans—how pleasant that splashing fountain must be

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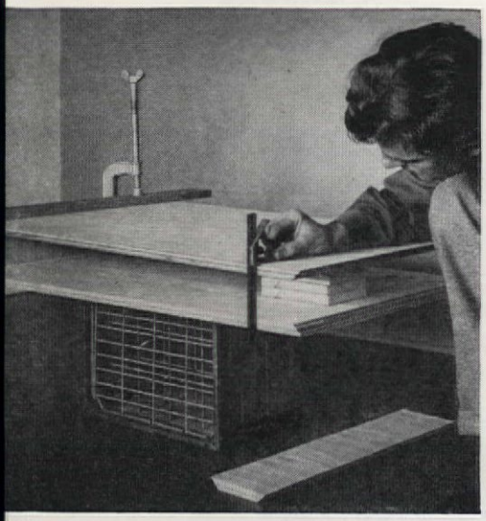
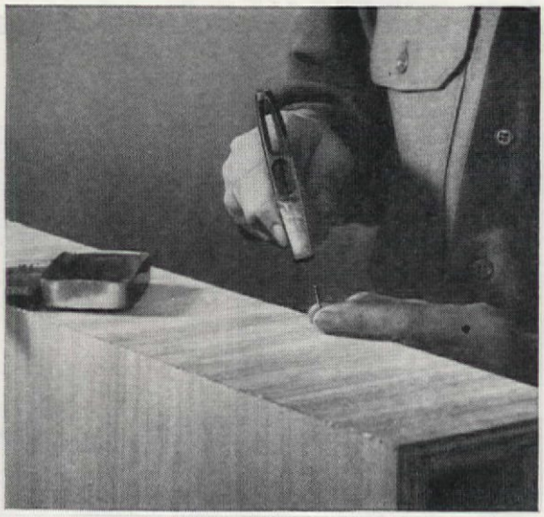
Two dining areas in this small house. This breakfast room, part of kitchen, measures a generous 7 feet 1 inch by almost 13 feet. Built-in cabinet is fir plywood pickled green, floors asphalt tile. Garage, with continuing foundation wall of coarse-textured native stone provides privacy for patio an open, exposed lot

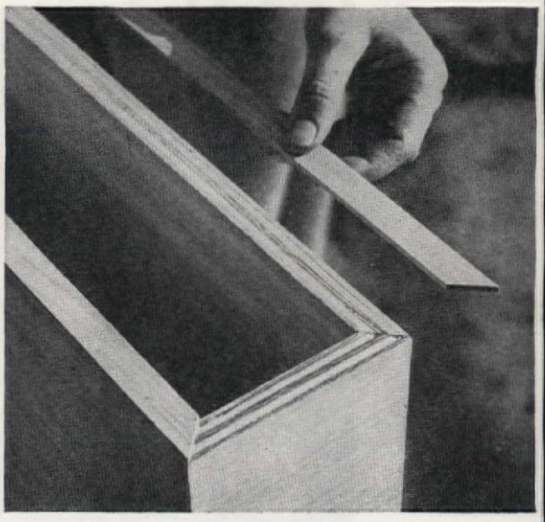
Glue and clamp 3½-in. piece between square ends of top and bottom. Space other end with wooden blocks. Before glue sets, be sure sides are square

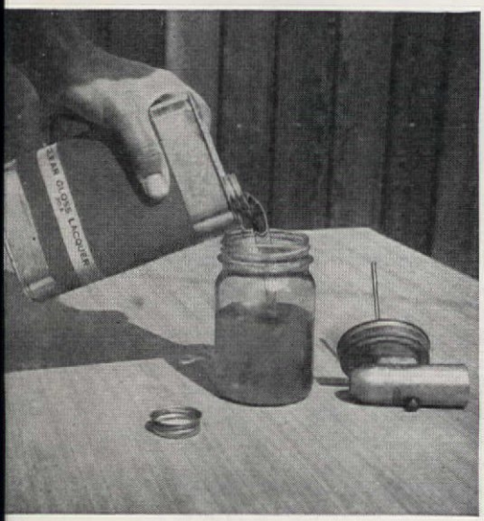


Glue 45° angle end in place. Drive small brads in top, side, and bottom. Countersink brads with nail set or large nail. Holes will be filled with wood putty

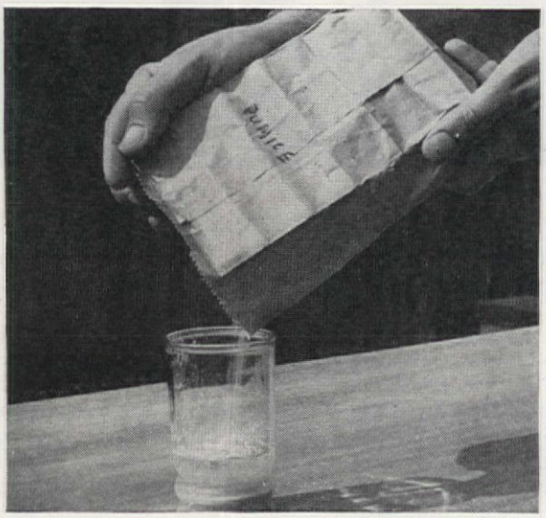


When glue has dried, the ⅛-in. thick strips, ¾ in. wide, are glued and nailed with brads to sides of desk where ply is exposed. You may eliminate the brads if you use small wood clamps to hold glued strips in place. Strips may be omitted if you fill ends with wood putty, dry, sand smooth





Prepare mixture of water-white or clear gloss lacquer and enough thinner to spray well. Apply 4 coats of lacquer allowing one hour between coats. Be sure temperature is at least 60°F. or lacquer will not dry. After each coat, except last, sand very lightly, or rub with very fine steel wool. Dust between coats. Allow last coat of lacquer to dry 24 hours



Now start rubbing down. (If you used varnish finish allow two full weeks for drying before rubbing down.) First go over entire piece with 4-0 sandpaper, or rubbing oil. If you use oil, wipe off with mild solvent. Make a pumice paste of FFF grade in water

Pour a little of pumice mixture on desk and rub with a piece of cheesecloth or felt pad. Use long even strokes. Be careful near the edges so as not to rub through finish to bare wood. Wipe off during process to determine progress. Look against light to check "orange peel" or small pits in surface. Continue rubbing until these are smoothed out

How to Make

Materials needed:

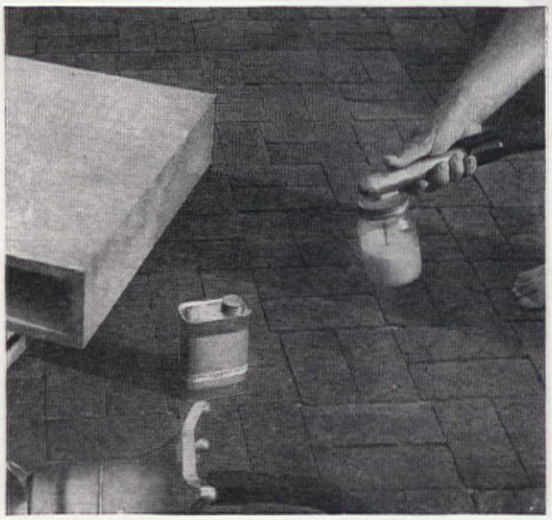
¾-IN. TWO-SIDE-VENEERED PLYWOOD—2 pieces, 24 in. x 36 in., beveled 45° on one 24-in. side; 1 piece, 5 in. x 24 in., beveled 45° on both long sides; 1 piece 3½ in. x 24 in., square on all sides. ⅛-IN. STRIPS ¾ IN. WIDE—4 pieces, 36 in. long; 2 pieces, 20 in. long.

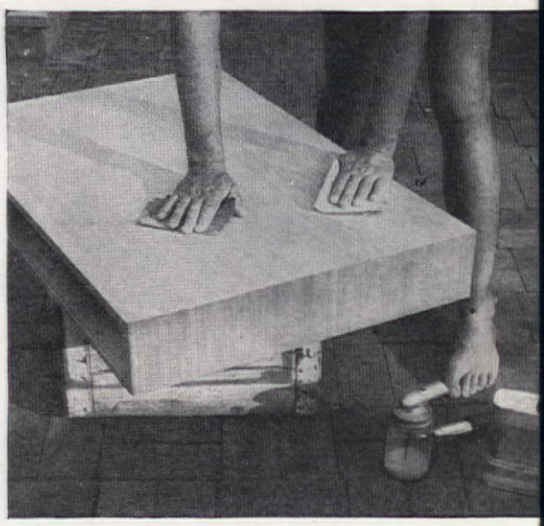
6 ft. ⅜-in. aluminum pipe; 2 2½-in. screws or toggle-bolts; 4 ¾-in. roundhead screws; 1 box ¾-in. brads; glue, paste wood filler, lacquer, sandpaper, wood putty, pumice, wax, and steel wool.

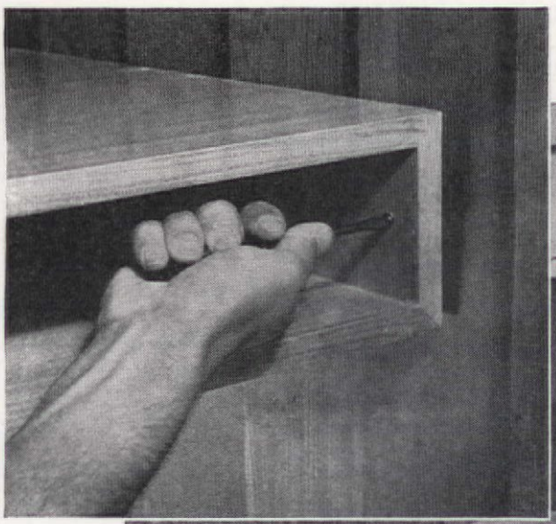
ing plywood with open grain, use a paste wood
. Brush on, following grain of wood. Allow to
ust long enough for gloss to flatten, then wipe
ith a rough cloth *across* grain of wood. Polish
soft cheesecloth. Dry 24 hours. If lacquer
n is used, dry 3 days, or filler will "lift"

Apply one or two coats of sanding lacquer sealer with spray gun (or vacuum cleaner attachment), one hour between coats. For full pressure from cleaner, remove dust bag and leave cap open. Spray with wind behind you, to avoid inhaling lacquer. Apply evenly, press valve down as you start each section, release when section is covered. Spray lightly so there are no runs. Test on scrap wood, add thinner if needed

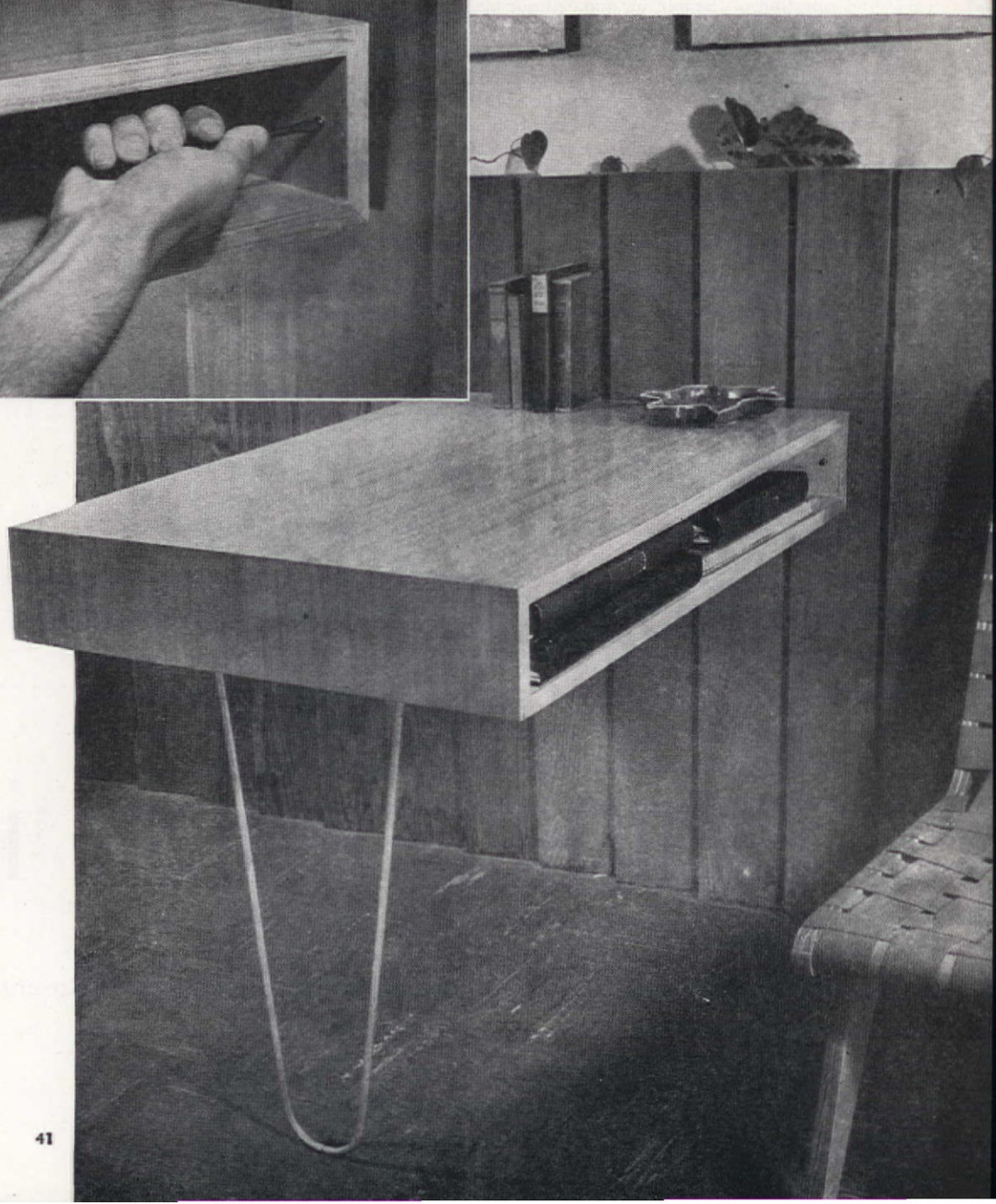
Light sanding between filler and finishing coats will give smooth surface. With piece of very fine sandpaper in each hand, rub very lightly so as not to rub through to bare wood, especially at edges







ir-pin" leg is made by bending ⅜-in. aluminum
as shown above. Flatten ends and drill holes for
screws. The desk is then screwed to the wall. If
is plaster use screw long enough to reach studs
e toggle-bolts. Polish desk with a pad made of
fine steel wool and paste wax, then soft cloth

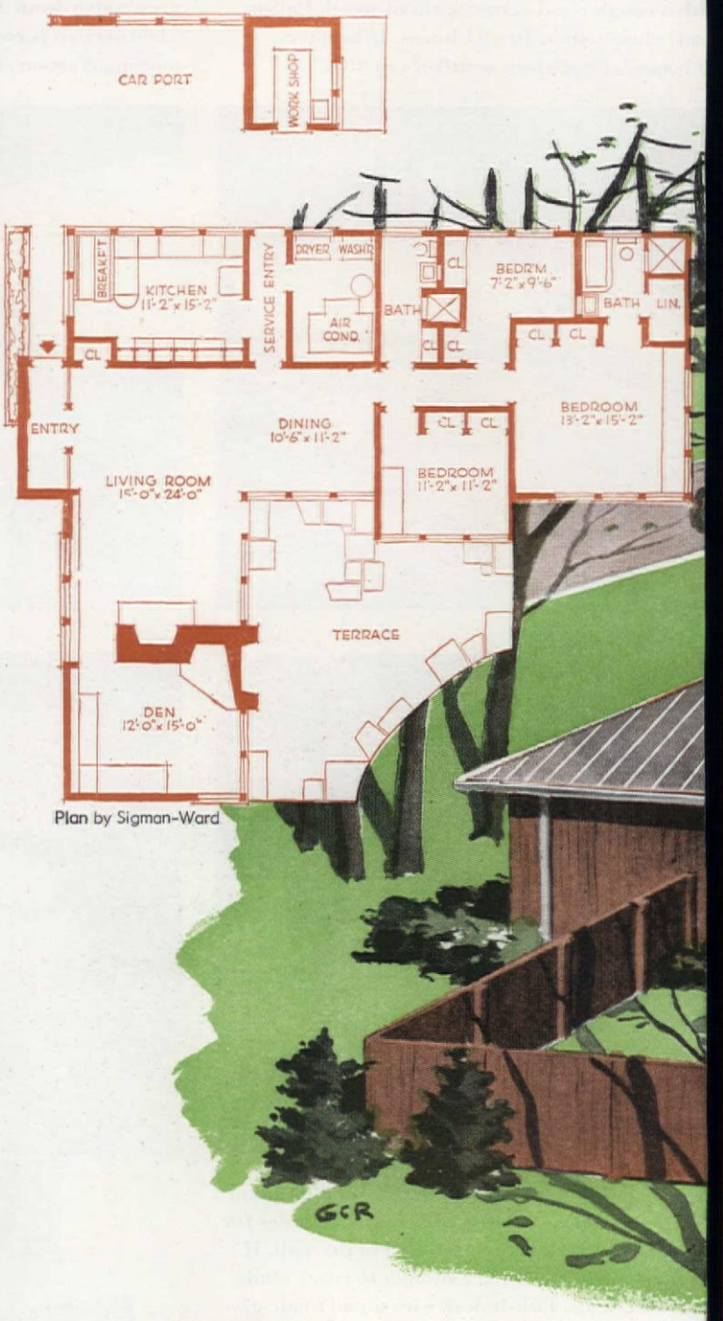


a Desk

PETER GOWLAND
Photographs by the author

Photographs by author

Open to the street on two sides, a temporary plywood fence insures privacy. When hemlocks attain maturity, fence will come down. Aluminum roof makes strikingly handsome contrast with warm plywood construction



Plan by Sigman-Ward

When Mr. and Mrs. Gilbert T. Rosenthal asked John Cherry of Atlanta to design them a sensible modern house without any frills, he designed a home to minimize house work, afford privacy for the four people who live there, and, most important of all, provide facilities for entertaining often and graciously without excessive trouble. The only complete all-plywood home in Atlanta, it overlooks the Bobby Jones golf course from a triangular lot. Mr. Rosenthal, a plywood dealer who appreciates the beauty of natural woods, aided Cherry in his selection of the interior and exterior materials, while Mrs. Rosenthal provided ideas for the built-in furniture.

The house is divided into three separate areas for working, sleeping, and living. The living-dining-playing space consists of an L-shaped "Big Room" with the dining area in the short leg of the L. Dining area, living room, and a den, which can be closed off from the living room by a sliding panel behind the radio-phonograph, look onto a paved terrace enclosed by a plywood wall. Fireplace and chimney are constructed of crab orchard stone. A piano, recessed into cabinets and bookcases, takes no additional floor space and, like the other intelligently planned built-ins (even card table and games are provided for), gives the house a great sense of space and uncluttered floor space.

The bedroom area may be completely shut off from the remainder of the house, and is so well insulated that noise does not penetrate. The beds, drawers, and closets of red birch plywood are built in. The only movable furniture are three occasional chairs. The kitchen is easily accessible to carport and utility room, has a folding bar for passing food directly into dining area, an abundance of architect-planned storage cabinets.

Constructed early in the year of 1947, it cost approximately $18,000, exclusive of the air conditioning which the Rosenthals bought instead of a new car. It's a lot of house for this money, but because of the simplicity of plywood construction, it could probably be constructed for very little more today.

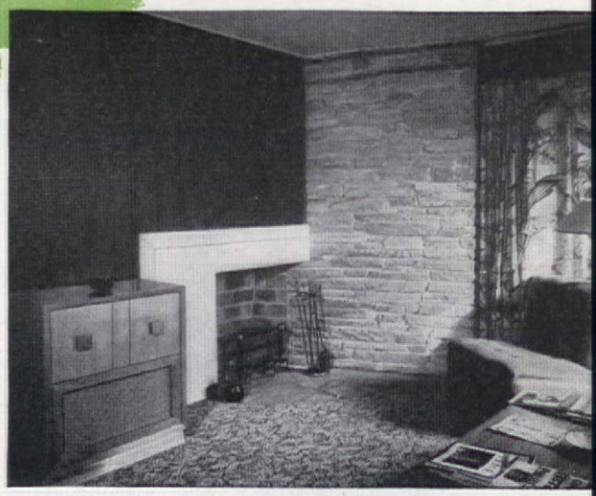
WILLIAM M. BRANHAM

Sensible Modern in Atlanta

THE HOME of Mr. and Mrs. Gilbert T. Rosenthal

JOHN W. CHERRY, ARCHITECT
GEORGE FOOTE, ASSOCIATE

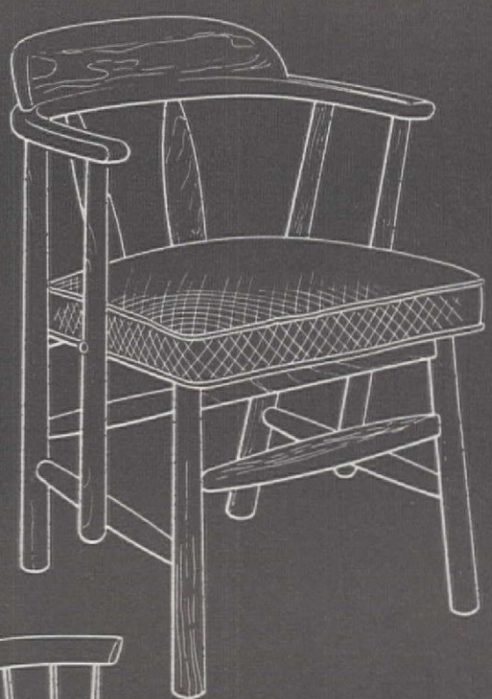
Drawing by George Cooper Rudolph



Decorator Mrs. Carmen uses plywood backgrounds and bare asphalt tile floors as effective foil for richly upholstered pieces. Glass dining table began life as a door. Mahogany breakfront, like all other built-ins, designed by architect Cherry

The captain's chair has a long line of illustrious antecedents. True, the first ones were made by English wheelwrights. But the design was inspired by chairs in the homes of their peers. Proof that this chair still stands in high regard lies in the fact that today's designers turn to it again and again. Though they vary it, develop it in new materials, it's still the beloved captain's chair. The first English models borrowed from the Gothic, the Chinese Mandarin, the Flemish, and Florentine roundabouts for form. Adept at bending rims and turning spokes, wheelwrights transferred this ability to making comfortable chairs, fitting the wants of the cottager. In the early days of this country, cabinetmakers working with few tools found that variations of this English chair could be made to suit the whims and needs of the individual. A low armchair with shaped back rail, spindles, and legs of hickory or oak, the saddle seat was usually gouged and worked in poplar or pine. Whether in the wheelhouse, on the quarterdeck, or at home in the parlor, it had simplicity, dignity, comfort. They made it a chair of authority—which it still remains.

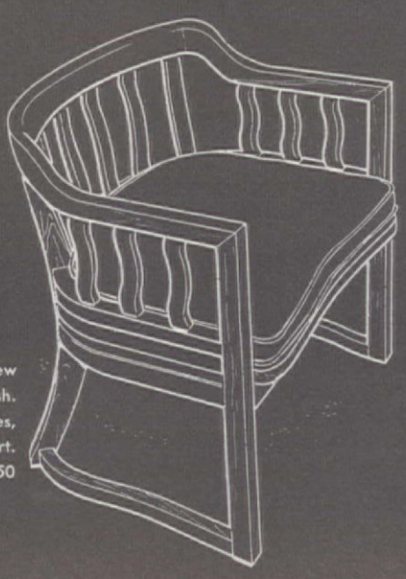
Look what's



Wrought iron, rust-proofed to give the same durability as the woods used in the original. Good variation on an old design, in black, coral, chartreuse, Pompeian green, white, aquamist. Arbuck, Inc., about $40.00

Handsome modern translation in solid cherry with glowing ginger finish. Spindles are elongated, unusual looking. Seat upholstered in foam rubber. From Sikes Co., Inc., around $75.00

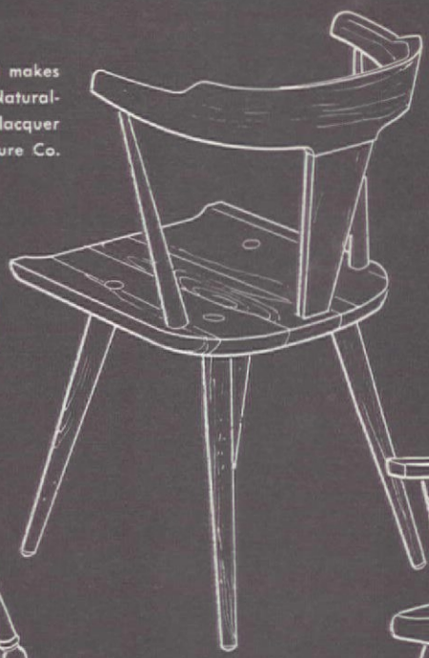
Contemporary interpretation fast becoming as familiar to American market as original. This one in birch from Hans Knoll, about $43.50



Familiar outline takes on a new look with cherry in a natural finish. It's lightweight, fits in most places, and is scaled for the utmost comfort. From Karpen of Calif., around $89.50

A reproduction with all the beauty and simple detail of the original. Bow and spindles are of hickory, rest of the chair solid cherry. L. & J. G. Stickley, about $92.00

Contemporary use of simple splat makes this chair especially interesting. Natural-finish birch about $20.00, black lacquer about $22.00. Winchendon Furniture Co.



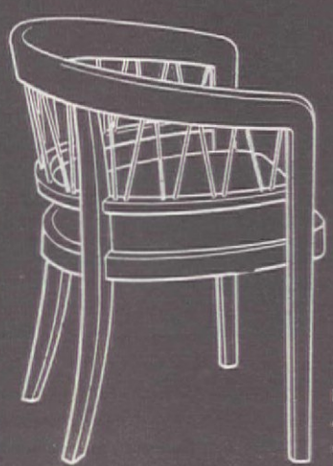
Excellent splat-back chair of chestnut or oak in dusty-acorn finish. It derives a good authentic provincial look from the unusual shaping of the stretcher and legs. From the Old Hickory Furniture Co., about $58.00

Adaptation faithfully follows Early American model. Leg, stretcher, and spindle turnings, shaping of seat are especially good. Of mellow seasoned birch, from Heywood-Wakefield Old Colony group, about $35.00

GERTRUDE BROOKS DIXSON

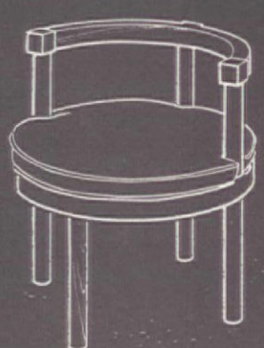
happened to Captains' Chairs!

Chairs like this were designed by the cabinetmaker for a client's special requirements of style and comfort. Adaptation in birch with butterscotch finish lives up to original. Around $52.50, from Sikes Co., Inc.



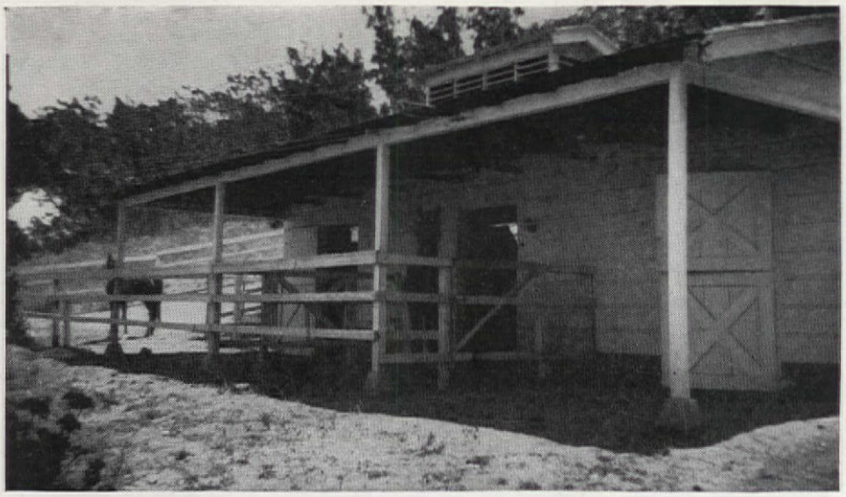
Plastic lacings replace spindles, stretchers disappear completely here, and the seat is upholstered. Only sturdy, simple design remains. In silver-elm finish, by Drexel, about $50.00

White knotty-pine in natural or rich brown emphasizes the simple design. Pegs are simulated. Hand-hewn look gives it an informal, provincial feeling. From Habitant Shops, Inc., about $20.00



Throwback to the Chinese influence which inspired earliest designs. A practical answer to space saving. Equally good with modern or traditional. Cal-Mode Furn. Co., about $55.00, upholstery extra

Drawings by Paul Crowley



Few costly structural changes were required to convert this stable into a house. Exercise breezeway with addition of front wall became living room and dining room. Stalls are now bedroom and bath. Tack room has become the kitchen

Photographs by George de Gennaro

Wood-paneled bay was added to the dinin room to enlarge room. Glass shelves window hold collection of old cranberr vaseline, amber, blue, and green gla

Little Robin lends Grandmother a helpin hand. Kitchen is pine paneled, painte white. Black and white stencil on whi shade, cornice ruffle, decorate windo

Robin and Ronny drop over every day t have Grandmother read them a story or pla them a tune. Carpet is cornflower blue, wal a few shades lighter. Mrs. Ranson mad her own slip covers and hooked ru

MARTHA B. DARBYSHIRE

Mother Fixed It Up!

When Mrs. Rose Ranson's daughter and her family moved to a ranch a few miles outside of Tarzana, California, it was hard to say who missed whom the most. Mrs. Ranson, an intuitive and self-reliant woman, dotes on her daughter and her daughter's family, but she had one hard and fast rule—she wanted to live in a house of her own. She was determined not to get involved in one of those comic strip mother-in-law situations.

Her family understood that, but they also unanimously decided that they needed her more than she perhaps needed them. Then they got the bright idea of turning the small ranch stable, which was fairly new but inadequate for the livestock on even a modest ranch, into a house for Grandmother.

Mrs. Ranson had always considered the conversion of barns and stables into houses an economical extravagance. But she began to have a gradual change of heart. She and her son-in-law are fast friends. He is her business counselor and a business partner, to say nothing of being her greatest challenge at the Canasta table. She certainly didn't have to think twice about the fact that she missed those daily visits with her grandchildren, Ronny and Robin. She is also the type of woman who knows down to the last dollar just how much she has to spend on any given project. Delightful as it is now to be living just a stone's throw away from her family, the stable would still be a stable if she had not found that it could be converted reasonably and sensibly.

When it came to furnishing the house, she accomplished the job with more taste than money. Because she likes blue, a blue with a bloom on it, she made knowledgeable use of cornflower shades. The living room walls are painted a soft blue that withstands the night lights and remains true to its own color. The bedroom wallpaper is a grayed version of the same color. She has been extravagant in taste but saving in money about curtains and carpets, too. She was lavish in yardage, but why not? The curtains are cotton, the carpets a repetition of a deeper tone of cornflower blue, but in broadfelt. She made her own hooked rugs and slip covers and used furniture that is not new, but decorative. Modern as to size, colors, and floor-to-ceiling windows, the house is Victorian in essence. Although she takes many a good-humored poke at living in a stable house, she respects her little house. As for her family —they think it's the best thing that ever happened to a stable.

EDITH RAMSAY

Lots of News in Gas Ranges

At a recent American Gas Association meeting, we saw enough exciting new ideas in gas ranges to keep us talking for a long time to come. With these miracle-makers, your work in the kitchen is reduced to practically nothing. Here we show you some of the most important innovations, all time- and energy-saving, worth checking when buying a new range.

Gas range bearing CP seal means it is laboratory approved to meet "Certified Performance" requirements

CHOOSING A GAS RANGE is like buying a new hat. There are lots of them which are excellent but you'll want the one which suits you best. If you're the type who loves to fuss with fancy pastries and delicacies you'll want the range with the double oven. If you entertain a great deal and lean toward broiled foods, the two-broiler range is your ticket. We know through a survey that 80 per cent of our cooking is done on top of the stove, so the number of burners is important. You can buy an eight-burner range for more money—burner arrangement clustered, staggered, with divided top, or arranged along the back. If you work or are socially active, you undoubtedly spend a great deal of time away from home, and the clock control, which turns off and on automatically, becomes your silent helper. There's a new pilot which lights electrically, allowing you to choose any variety of foods for oven meals, then at the exact time which you've set, clock control registers, pilot is lit electrically, heat starts, and your meal is on its way.

HIDDEN VALUES are the many virtues a range might have which don't always meet the eye at first glance. Have your dealer point them out to you. Ask to see specification sheets. Investigate the range's insulation most carefully—it's important. Be sure the exterior is baked-on porcelain enamel, not "japanned" painting. Be sure the oven racks lock in place, to prevent spilling when you pull them out. Crowding in ovens results in badly turned-out food, so get the biggest oven you can conveniently handle. Make your choice between the small drip pan or the well-type drip-cups under the burners. Chances are you will have to compromise to some degree, since one range will probably not have everything you prefer, but if you examine them all carefully you'll be sure to find something which will please you.

HOW MUCH TO PAY is naturally up to the individual. Sometimes, however, it's smart to pay a little more money than you planned, if in return you get the invaluable benefit of time saved and labor reduced. Find out from your dealer what the price-tag really means—some include installation, others don't. The lower priced group, $100–$150, includes four burners, an oven with thermostat, under-the-oven broiler with porcelain pan, some with automatic lighting of the top burners. In the medium-priced group, from $160 to $270, you're apt to find some of these: a lamp on the backsplash; electric minute-timer; electric outlet; chrome broiler pan; a few with griddle or deep-well cooker. This group usually gives you a choice of a high or low broiler, plus extra storage space. The highest priced group, $280 to $400, is deluxe,

PLEASE TURN TO PAGE 80

A. H.'s Home Equipment Editor, Edith Ramsay with Norval Jennings, American Gas Association, and Leonard Rhodes, Lyon Metal Products. Model kitchen with Lyon cabinets was designed by THE AMERICAN HOME for AGA meeting

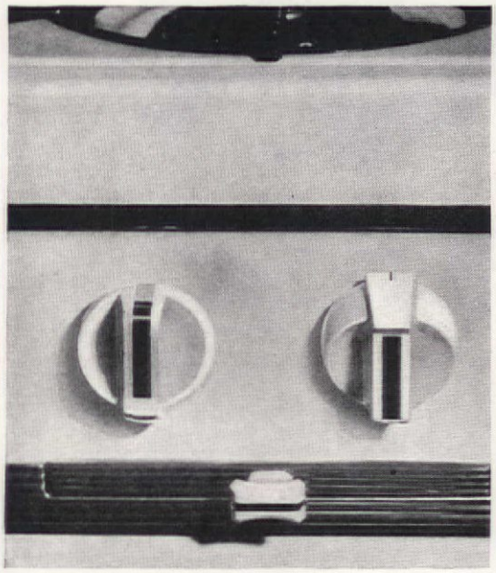
Sterling Beck of Estate explains extra-large griddle and foot-square replaceable grate to Editor Ramsay. With Grid-All, foods are grilled rather than fried, can be replaced by grate which holds jumbo kettles up to 21 qts.

Julius Klein of Caloric shows our editors how their porcelain-enameled broiler is designed so that not only broiler pan and rack, but entire broiler drawer and drawer front can be removed completely from range and washed in sink. To remove, lift latch on bottom of broiler. Is just as easy to replace

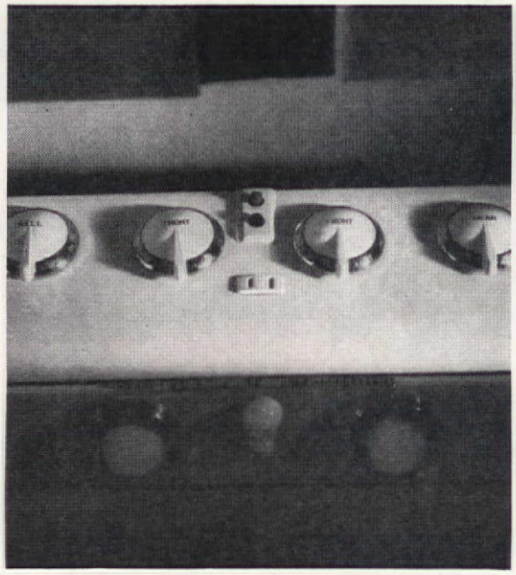
For serving broiler meals attractively, Roper's "Serv-Hot Grill" gives you enamel pan with grill for broiling and chrome tray to slip grill onto for table service

Because it lifts out all in one piece, the Magic Chef top burner unit simplifies the cleaning job. Unit is porcelain enameled inside and out to prevent rusting

Western Holly's built-in gas oven is placed at proper height for convenient use. Removable rack holders give two inches more space in oven for turkey roasting



Note distinctive up and down positions of cleverly designed gas keys on Detroit-Michigan's range. A glance tells you immediately whether or not the burner is on



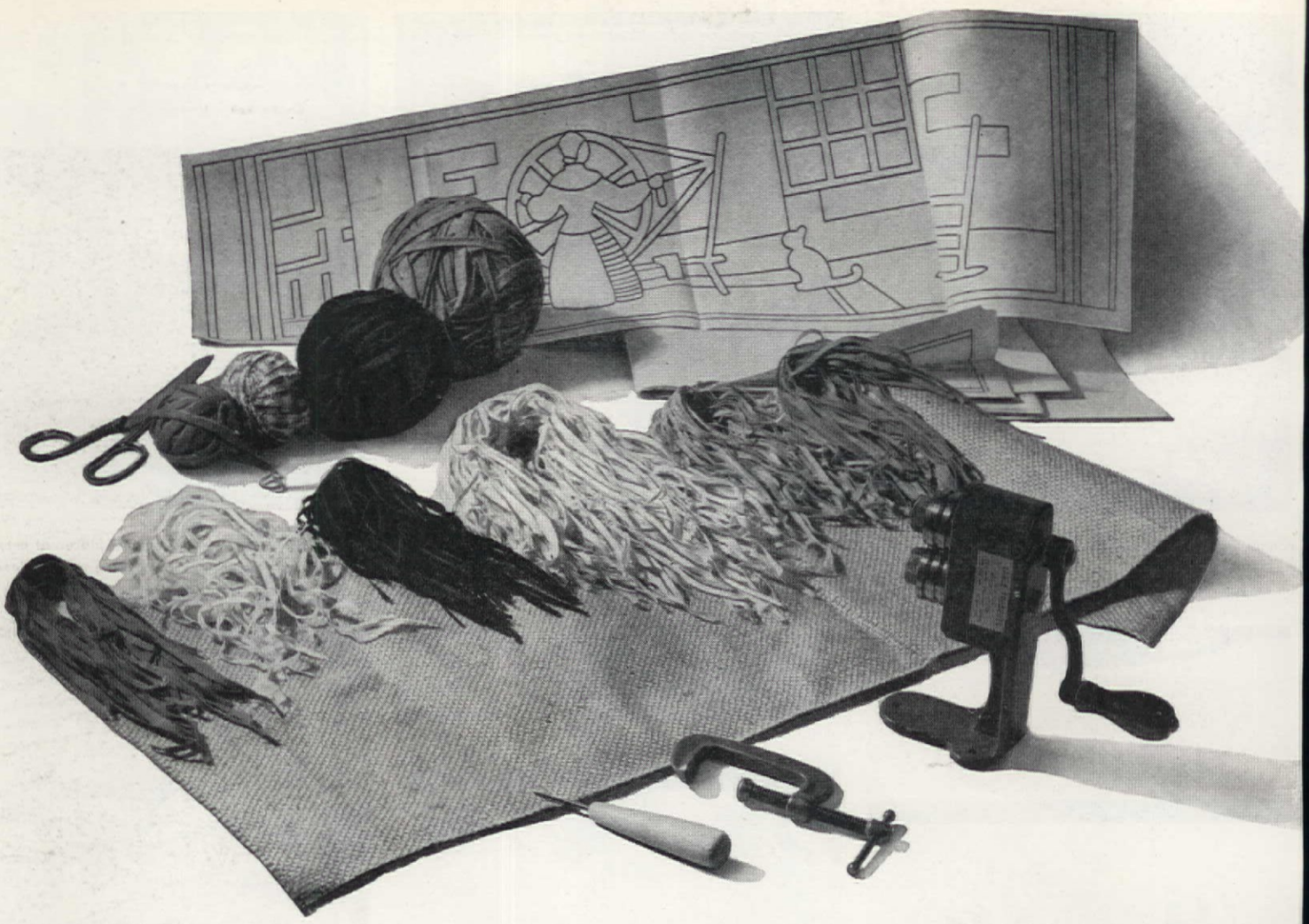
For convenience in operating and out of reach of children's fingers, Maytag's gas keys are placed on streamlined control panel located in the center of the range's backsplash

Warming shelf which will hold up to twenty-five pounds can be used for drying foods, serving from range top. Disappears when not in use. By Western Holly

Absentee cooking on top burner is offered by Western Holly. Clock controlled burner will turn on, shut off at times for which you have it set. High-heat enamel Tempa-Plates over flame give even heat distribution

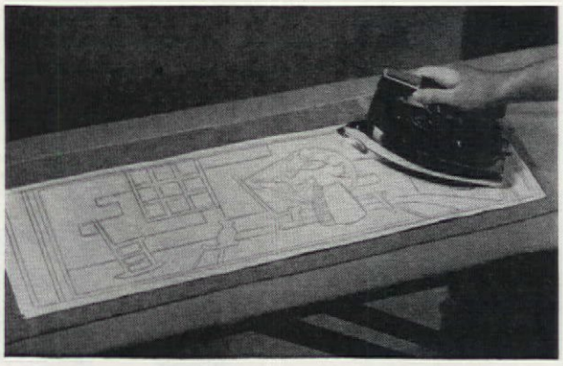
To overcome unsightly walls which come from ranges' venting at back, Murray places almost invisible vents across front of their range backsplash. Grease is deposited on range top, is simple to wash off with each use

Florence uses a double-glass oven window for good insulation, and, for easier cleaning, inside glass slips out to go right to the dishpan. A light you can switch on, and off means convenient checking of baking foods

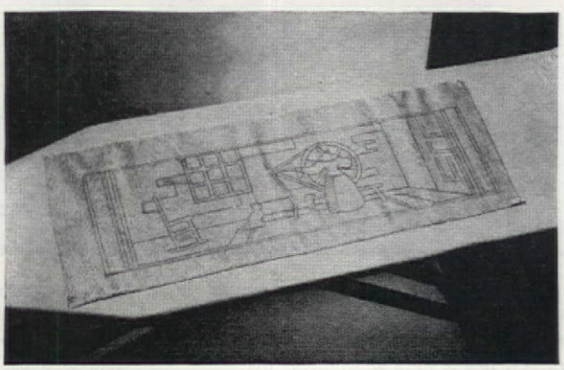


How to Make a Rug

DOROTHY LAMBERT TRUMM



Cut burlap, allowing 1½ inches extra on 4 sides for hem. To transfer design, place burlap on board. Fasten transfer design in position, design face down. Press with iron hot enough to scorch paper



Design must be clear and unbroken on burlap. If any part of design is not clearly defined, go over it with India ink. If you are a "first-timer," color design with crayon as a guide in shading

Rugmaking is actually painting with bits of yarn or fabric. Anyone with patience can learn, and it's a hobby that grows on you. Give it a try and then see if you can stop! You can buy a pattern and make any of the pretty rugs on this page. We show here step-by-step photographs for making one riser of our Historical Stair Runner, Pattern 762. This is a transfer. (Some of our rug patterns are tracing designs.) Wool yarns may be used, or, if you want to save some money, you can cut up old woolen clothing which will also give your rug a most individual stamp. First rip them apart. Discard all parts too worn for use. Remember you want your rug to wear well, so use only firm parts of fabric. Wash and rinse thoroughly. Dye if necessary or desired. There are two ways to cut strips, shown above and on facing page. For a heavy tuft rug, cut strips ¼ inch wide. For a fine weave, which is best for shading and clarity of design, use one of the new moderately priced rug strippers. You can cut all even, straight strips as

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1349 Our pattern for making lovely floral rug, size 9 ft. 9 in. by 8 ft. on facing page, contains tracing design, full instructions, price 75¢. **1350** 4 hooked stair treads, transfer pattern. Amusing train with chugging locomotive, bucolic cow with her calf, running colt, and sailing vessels, price 55¢. **1351** Easy-to-make braided stair runner. 25¢

Mrs. Theodore Chinlund made her rug room-size, 9 feet 9 inches by 8 feet, from strips of old blankets, bought from thrift shops for from 10 cents to one dollar, supplemented with worn clothes

1349

Photograph by Paul Davis

1350

1351

Photographs by F. M. Demarest
1350, Lillian Mosseller; 1351, Mrs. Herbert Doel;

SEE PATTERN ORDER FORM ON PAGE 108

1352

How to Make a Rug (Begins on page 50)

fine as ⅛ inch wide and four at a time! Or you can do the cutting by hand. It's one of those on and off tasks you can do when you have a free minute or while listening to your favorite radio program. Roll strips into balls to keep in order.

A frame is not necessary although many rugmakers find it easier to work with. If you decide to dispense with a frame keep this in mind: Start at center of rug, always outline design first, fill in rest of design, then do background. A simple 25¢ rug hook available at dime stores or in needlework departments will do as good a job as any. Be sure the wooden handle fits your hand comfortably. Use first-quality burlap, monk's cloth, or heavy linen for your rug base. Keep all ends of strips on top (right side) of rug. They will be concealed between loops and won't pull out. Keep your loops close together so rug is firm and evenly covered. It's as simple as that. When you begin to think of using that rust tweed coat or those soft brown slacks that still have a year's wear in them, watch out! You've really caught the rug bug!

ADDITIONAL INFORMATION ON PAGE 99

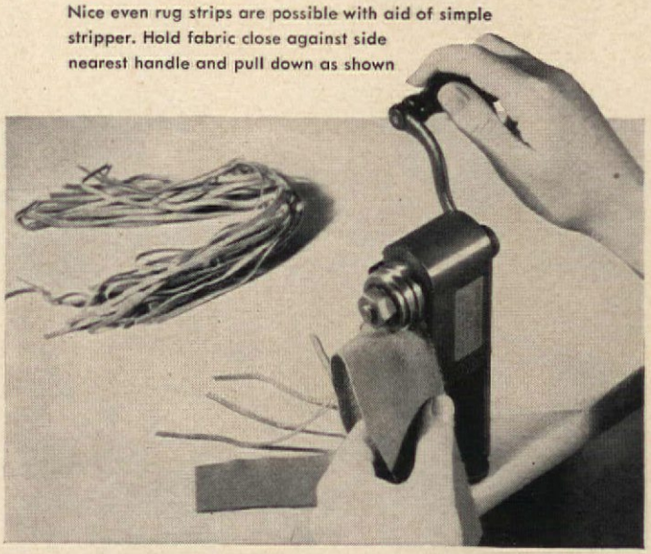
1352 Hooked rug makes handsome welcome mat for your doorway. Beautifully drawn roses shaded almost as perfectly as the real thing. Transfer, price 60¢. **1353** Has 2 patterns, one for a "twisted" rug, looks braided (old but strong cotton strips may be used), one for a hooked chair pad (transfer for pad) price 45¢. **1354** Is a colorful floral hooked rug, a great favorite. Size approximately 40 x 58 in. Transfer pattern. $1.00

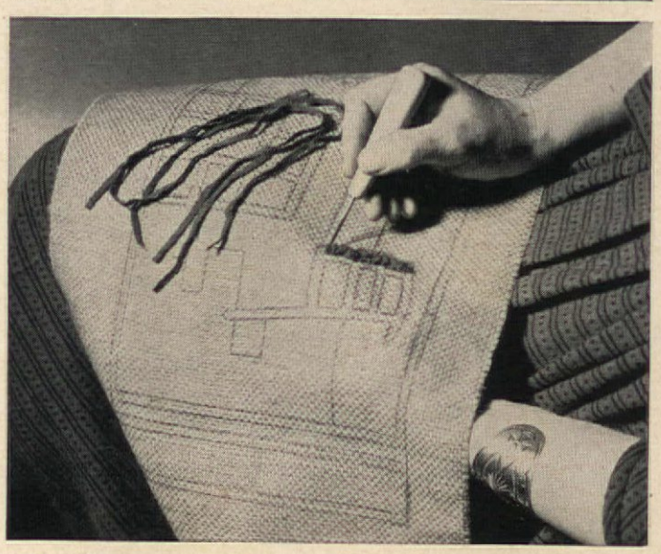
1353

1354

SEE PATTERN ORDER FORM ON PAGE 108

Nice even rug strips are possible with aid of simple stripper. Hold fabric close against side nearest handle and pull down as shown

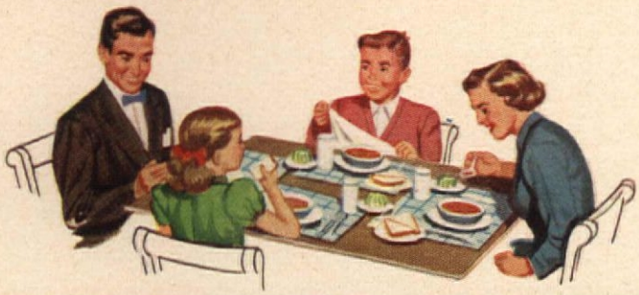




Hold strip under stamped burlap, design on top. Pull one end of strip through burlap 3/16 inch high. Pull up first loop next to this end, same height. Repeat, following design. Keep loops close

1352, Arline Rawlins; 1353, Harold G. Wood, Ruth S. Reid; 1354, Martha Batchelder

LUNCH –its importance to your family *and YOU*



ANNE MARSHALL
Director Home Economics
Campbell Soup Company

BY Anne Marshall

Yes, when you stop to think about it, lunch *is* important, isn't it? Vital, really! Nutrition experts say the lunch you serve can affect your family's very health and happiness. For at lunch you restore the morning's used-up energy; and provide energy for the afternoon's work or play—whether you are man, woman or child!

Take your husband. These same experts say every man needs an adequate and well-balanced lunch—for health and energy and to do good work. And your children, too, need one hot dish in every school-day lunch for health and growth—yes, and for good marks, too.

A substantial soup is an ideal main dish for lunch. Good hot soup is so appetizing . . . so easily digested . . . so nourishing and sustaining. Why not try the lunches suggested on this page, for a starter?

Soup, Sandwich and Dessert

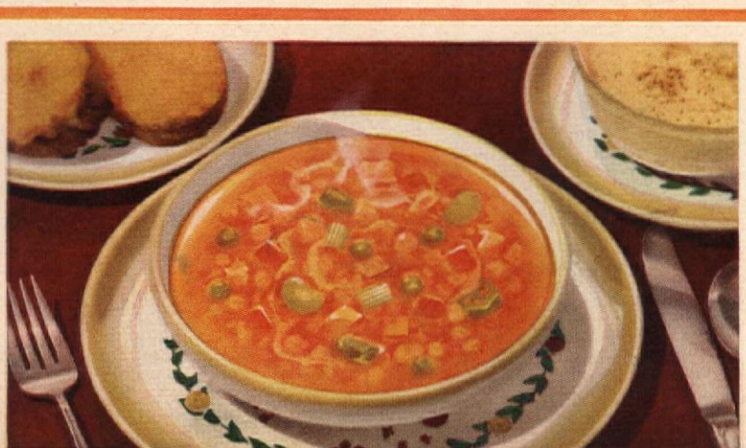
A nation-wide survey, to determine *types* of dishes most frequently enjoyed for family lunches, shows "soup, sandwich and dessert" to be among the favorites. Many different kinds of soup were served —including this delicious whole bean and bacon-flavored soup.

Bean with Bacon Soup
Corned Beef Sandwiches (with chili sauce) Lime Gelatin Coffee or Milk

Soup and Salad

A popular combination of foods at noontime is "soup and salad". In the menu below we include one of the favored soups—cream of celery. You'll find it tasty and nourishing, without being too heavy.

Cream of Celery Soup
Peach and Cottage Cheese Salad
Bread, Butter and Jam Hot Chocolate



Soup and Dessert

(A meatless soup for a meatless meal)

Vote-winning, also, is a lunch consisting of "soup and dessert". For the many people who may prefer a meatless lunch, the menu below features vegetarian vegetable—a soup crammed with luscious garden vegetables.

Vegetarian Vegetable Soup
Toasted Cheese Rolls Baked Custard Milk

(Other meatless soups: cream of asparagus, black bean, cream of celery, clam chowder, green pea and tomato)

BETTY B. MERRIAM, Flower Arrangement

GERTRUDE BRASSARD, Table Setting

Place and Show

This month's setting has two big things in its favor: first, the subtle oriental beauty of bamboo, combined with the blooming loveliness of begonia blossoms; second, the economy of it all, since in many cases all you will have to do is snip flowers from your own house plants. In this way you not only gather for yourself a handsome handful of table-trimmers, but also help your plant to become stronger, since pruning gives new verve and prevents branches becoming "leggy."

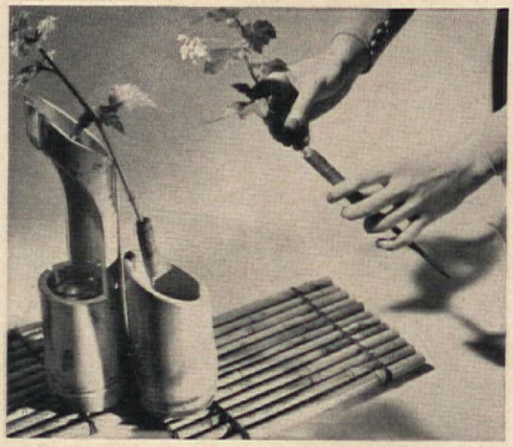
If your "winter garden" doesn't include a begonia, there are other plants which are equally effective, such as coleus or geranium. Many of us are apt to have some sort of greenery around the house at this time of the year when fresh flowers aren't too easy to come by. In fact, you can make a lovely picture with just foliage, if that's all you can find. Begonias are suggested because they're popular as indoor plants and so easy to care for.

The table setting fits right in with the flowers. The pottery has a bamboo design in the famous Ballerina shape, and is not only beautiful to look at but also takes oven heat, which comes in handy when it's necessary to keep the food warm. This fetching set retails for about $6.95 for 20 pieces and is also sold in open stock. The place mat is woven of a coppery-gold metallic thread, accompanied by an Irish-linen napkin 18 inches square, with a 2-inch hand-fringed border. The scene is kept informal with an amber crackled mug. Dirilyte tableware, golden in color, scratch-resistant, completes the setting. This pattern is equally good for informal or formal dining.

Everything here, including the bamboo mats and flower holder, is moderately priced, yet the entire ensemble is strikingly rich-looking.

For containers, saw bamboo flower holder into two sections. Use plastic cups to hold water. Wire test tube to florist's stick and wrap with green florist's tape

Place sections of bamboo diagonally on two bamboo place mats. Place pin holder in cup and impale stick of test-tube holder on it to give height to short-stemmed foliage. Fill with water



Materials: Cuttings of begonia foliage and flowers from house plants. After height is established, add brown-toned foliage to form interesting continuous curve when viewed from any angle

Complete the design with begonia flowers and more crisp plant leaves. Result—a harmonious effect in texture and character of plant materials and accessories

Place mat, Grace Richey Clarke. Napkin, Table attire by Florence. China, "Bamboo" by Universal Potteries. Flatware and holloware, Dirilyte Co. of America. Glass, Pilgrim Glass. Photographs by F. M. Demarest

Simple flowers dramatically presented, moderately priced china in bright colors combine to make a stunning table setting. Step-by-step pictures make the flower arrangement easy to do. Inexpensive, yet effective, the triumph of good taste over a minimum expenditure

ONE OF THE
7
BASIC
FOODS

JANE TIFFANY WAGNER

This is a Fish Story

The dictionary describes fish as "cold-blooded." Maybe so, but they're real friends of the family when it comes to providing the main dish of many meals, including breakfast, luncheon, dinner. Years ago the fish was worshiped by the ancient Britons, gradually fell from idolatrous favor, and not too long ago had reached such a point that many thought of it only as a "fast-day" food.

Not today! One look at these pictures is proof that the beautiful silver vertebrate which comes from the sea, ocean, river, and rill can play an important part in our menus. On the practical side, fish is one of our most economical sources of protein, especially low-priced when sold in its native section. Then, too, there are so many different kinds. For instance, one market in New York handles over 160 varieties a year. Even in more remote places you can usually find a pretty good choice. We can't argue the pros and cons of whether it's a good brain-food or not, but you'll certainly be using your head wisely when you come through with a baked bass or a steamed shad, or some fried fillets for a change. And not just on Friday necessarily. The fish don't know what day it is!

In this article we've taken some of the most important questions about the buying of fish and answered them in general terms, since the final decision as to kind, method of preparation, and cooking, is up to the individual. Fish is so versatile.

When is the best time to buy fish: Any time, but

PLEASE TURN TO PAGE 71

Cloth, A. Katz; tureen, soup bowls, platter, Dick Knox; Lazy Susan, Dennis Mfg. Co. Photographs by F. M. Demarest

Anybody here like Sweet Spring Peas?

Here you are! DEL MONTE *Early Garden* Peas are *full* of sweet spring flavor—meltingly tender, too.

And well they should be! No immature, flavorless peas here. No oversize ones past flavor prime, either. But the best of all the rest—

All the flavor-filled middle sizes—the tenderest, tastiest peas of each size selected and packed *together*—the smaller, sweeter peas blending with the larger, richer-tasting ones, for *natural* flavor.

Why don't *you* try DEL MONTE *Early Garden* Peas?

SUNDAY SUPPER RING

- 3 cups hot cooked rice
- 1 cup (2½ oz.) cut dried beef (rinsed if very salty)
- ½ cup each: chopped green pepper and sliced celery
- 2 tbsps. chopped onion
- 2 tbsps. butter or margarine
- 2 cans cream of mushroom soup
- 1 cup milk
- 1 tsp. Worcestershire sauce
- 2 No. 303 cans DEL MONTE Brand *Early Garden* Peas

Sauté dried beef, green pepper, celery and onion in the butter 10 min. Stir in soup, milk, Worcestershire sauce; heat. Strain off sauce; keep hot. Toss dried beef mixture lightly with the rice; pack in oiled 5-cup ring mold. Place over steam about 5 min.; turn out on hot plate. Fill with hot, seasoned peas; serve with the sauce. Serves 4 to 6.

Quality-selected from all the FLAVOR-FILLED "middle" sizes

Del Monte

Early Garden PEAS

—the brand that puts flavor first

JEAN AUSTIN

Good Victuals

SIR and MADAM, how long since you've had deviled steak—great chunks of good solid beef smothered in a rich brown, tangy gravy? What, never? Retort if you will "then you are older than I" and see if I care. There are some compensations for dating back if only to have remembered this toothsome dish, long out of the American culinary repertoire. Not only is it mighty good victuals on the palate. it makes for supremely good sense on the pocketbook. Meat for six stalwart appetites for less than $1.50! That's right —meat for six under $1.50! It tastes real good to he-men, it looks right pretty to the girls. Why not plan your next buffet party around it? A tempting mélange of the makings for them to assemble their own salads, garlic bread pre-done, also pre-done a coffee-flavored pie to please the men, light enough to please the gals and all there on the table for the guests to ogle as they come in. Burbling away in the kitchen

PLEASE TURN THE PAGE

Photographs by F. M. Demarest

• help-yourself salads

1. Serve any or all of the following, thoroughly chilled, with salad dressing pre-mixed or oil, vinegar, salt and pepper for self-mixing. Assemble in garlic-rubbed bowl. Arrange for color contrasts, but keep each kind in orderly groups for easier selection. Quartered heads of lettuce; broken bunches of chickory; peeled, quartered, not-too-ripe tomatoes; quartered, hard-boiled eggs; thin slices of seeded sweet red peppers, mild green, yellow peppers; thin slices red Spanish onions; radishes; raw carrot sticks; ripe, stuffed green olives; thick slices boiled potatoes; cooked string beans; flowerets of raw cauliflower; anchovy fillets; finocchio; cooked zucchini slices.

2. To serve with skewers, combine any or all of following on bed of cracked ice: Rounds of carrots; cucumbers; quartered, peeled tomatoes (not too ripe); sweet onions; large pieces of seeded sweet red peppers, green peppers; stuffed green olives; pitted ripe olives; gherkins; radishes. Must be served very cold.

Recipe by Jean Austin

Italians frequently serve salads in this manner, and a pleasant idea it is. I herewith recommend it to you for its beauty, for its ease. Use your imagination in the assembly of colors and textures—from then on your family or guests are on their own.

Before we leave our salads, another good idea I'll leave with you. I believe this idea is original with me—I've never seen it done elsewhere—but that's beside the point. Again, it makes a pretty dish on the table. It, likewise, is self-service. But this one's different in this respect—it's the answer for those hostesses who feel no party meal is complete without a tossed green salad, despond over the inevitable stains from spilled greens perched precariously on heaped plates. This one I call Spear-it-

PLEASE TURN TO PAGE 82

Good Victuals

(Begins on page 59)

—slowly, aromatically and untemperamentally should the scheduled time run over—is that good, good steak. Noodles quickly boiled and buttered, carrots ditto—and out of the kitchen comes little ole you, bearing one big, beautiful platter. Come on, food's on!

Whether the clarion call be for buffet guests or a hungry family some blustery winter's night, isn't it a very good meal for very little work and very little cost? I think it is, for it is one I serve often. The main dish—steak—costs so very little. It is hearty, calls for easily prepared vegetables. It is not a banal thing to offer guests. The dessert is glamorous-looking, easy-doing. Guests have the novelty of choosing and assembling their own salad. The whole is pleasing to the eye, satisfying to the stomach, easy on the cook, considerate to the purse. Can one ask for more?

About that good, cheap beef. There are two reasons for its being good. One, slow cooking. Two, merciless pounding, once you get it home. Your mother never dreamed of starting housekeeping without a great murderous-looking cleaver, and she started housekeeping when meat had not reached the astronomical heights your butcher posts up today. She had a cleaver because she liked this kind of cooking. For you, it's an absolute necessity for budgeting reasons alone. Sure, the first time you pick it up it will startle the living daylights out of you, but summon your courage, grasp it firmly, lay it on the flat of its side and beat the stuffings out of a cheap cut of meat. See how tender and amenable it becomes. First thing you know, you'll serve the cheaper cuts from genuine preference over less flavorsome, but more expensive cuts. Your cleaver will have earned its way into your champagne palate as well as your beer pocketbook.

The toughest fibers have cringed—and broken down—under the blows of our mighty cleaver, so we'll move on to salad talk. In all your life have you ever seen a centerpiece more stunning than the bowl we've heaped with salad makings? Just raw vegetables and greens, but as beautiful on your table as flowers—and twice as good to eat.

• steak diable

Serves 6

Melt 2 tbs. butter in a Dutch oven or a large, heavy black iron frying pan with tight-fitting cover. Brown 1 large sliced onion and 1 tsp. mixed dry herbs (or Herb Bouquet) in melted butter. Remove and discard the onion slices. Add and brown in same pan 1 flank steak, cut into 2" x 2" pieces and rolled in 2 tbs. flour. When steak is brown on all sides, push meat to one side and add a roux of 1 tbs. flour and 1 tbs. cornstarch moistened with a bit of the liquid in pan. Blend thoroughly and allow to brown slightly. Now add:

1 tsp. salt
½ tsp. pepper
¼ tsp. paprika
1 tsp. dry mustard
1½ tbs. cider vinegar
2 cups unsweetened, hot pineapple juice, or 2 cups Burgundy wine

Mix thoroughly with meat, cover tightly. Simmer over very low heat at least two hours. Meat should be tender enough to cut with a fork. Longer cooking won't hurt it. Gravy may be thinned a little after removing meat, but a rich, heavy gravy is called for. Serve on a bed of buttered, poppy-seed-sprinkled noodles and hot, buttered carrots, a bit of finely chopped mint mixed with the butter.

Recipe by Jean Austin

• coffee chiffon pie, coffee-nut crust

Makes filling for a 10" pie

Follow directions on pie-mix package, substituting coffee for water as the liquid, and bake, unfilled. Cool.

As a variation, very finely crushed nuts may be added to mixture, before coffee is added and pie crust is rolled. It makes a very subtle difference—but, to my way of thinking, worth the extra trouble.

In a large mixing bowl, soften 2 envelopes (2 tbs.) plain unflavored gelatin in 6 tbs. cold water and let stand 3–5 minutes. Add 3 cups hot, very strong coffee (freshly made, in proportion of 3 tbs. coffee to 1 cup water). Stir until dissolved and set aside to cool. When gelatin is firm, whip with rotary beater until it is soft and fluffy. Fold in ½ pint heavy cream beaten moderately stiff and flavored with ¾ cup sugar, pinch of salt, and 1 tsp. vanilla or black walnut extract. Pour into baked pie shell and chill at least 3 hours. Just before serving shave some chocolate on waxed paper and arrange around edge. Whipped cream can be used as a topping, of course, but makes the pie very rich and is not as subtle as is chocolate with coffee.

Recipe by Jean Austin

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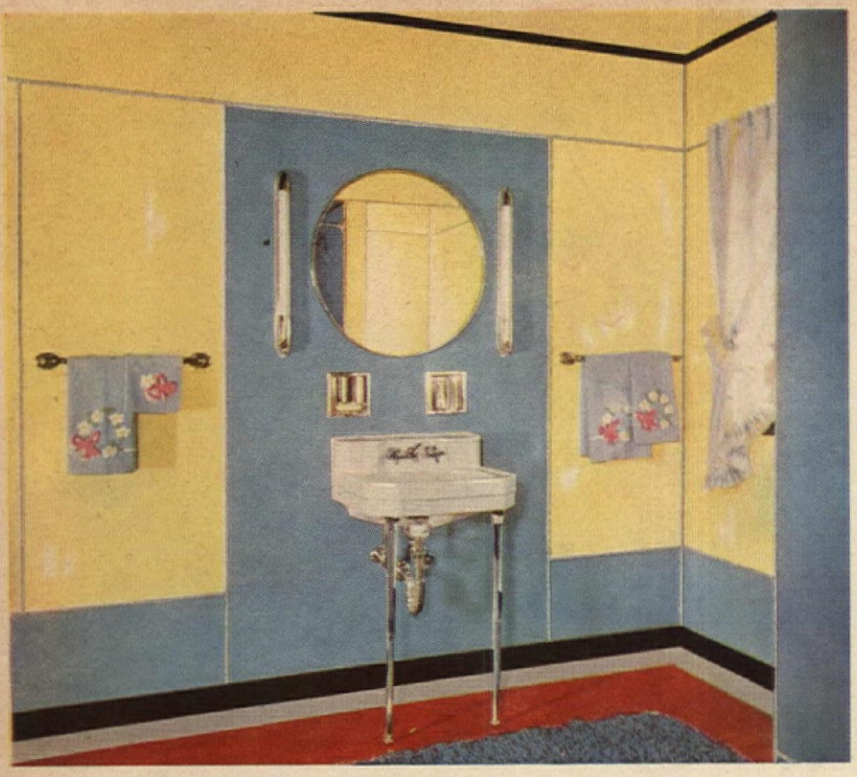

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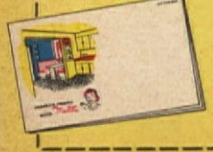

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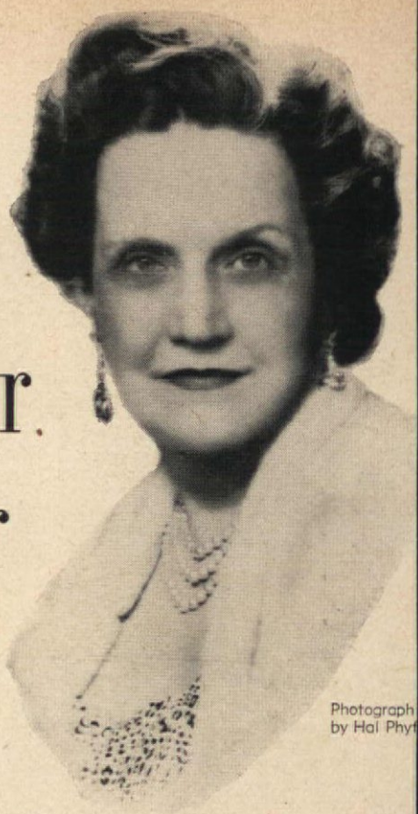

Photograph by Hal Phyf

Chances are that when your great grandchildren are sitting around talking about colorful women of the past, Perle Mesta's name will come as readily to their minds as those of Barbara Fritchie, Mary Pickford, or Priscilla Alden. Now the United States Minister to Luxembourg, the third woman to be given such a high honor by her government, she has become a well-known figure on the American scene.

For many years she was best known as the leading hostess of Washington, D.C.—an exacting role which her natural talents and knowledge of politics, business, and people enabled her to perform brilliantly. Now as the head of the U.S. Legation in Luxembourg, she has won new fame for her gracious and expert handling of a job in the difficult and all-important field of international relations.

Meeting Mrs. Mesta even briefly gives one an immediate clue to her success both as a person and as a career woman. She exudes warmth and a natural, unassuming charm and sincerity. She does everything with ease and simplicity and leaves you with the feeling that when she is talking to you her main interest is *you*.

Like all truly great hostesses, Mrs. Mesta understands the indispensable value of thoroughly organizing a party down to the last minute detail. But she has also that quality that brings a party to life—a real flair for making people enjoy themselves. She enjoys giving parties, and her guests find this pleasure contagious. She is also the first to point out that a party needn't be elaborate to be enjoyable. She serves the fish recipes on the following page frequently at parties and says that they are always top favorites with her guests.

Food is one of the high lights of any party, and serving the dish that everyone will like is the open secret of all successful entertaining. Fish, she finds, is one of those foods, and it appears frequently on her menus; lobster and sturgeon for larger parties, broiled and baked fish with sauces for smaller ones. When she serves hot fish as the main entree, Mrs. Mesta accompanies it with a mixed green salad. She favors cauliflower for a vegetable and diced fresh fruit for dessert. With a separate fish course preceding the entree, she serves sliced tomatoes and cucumbers. Although she likes most varieties, her favorite is fillet of sole with hot butter-and-almond sauce.

Another secret about Mrs. Mesta—she's as enthusiastic about catching fish as she is about preparing and serving them. Years ago she used to go trout fishing with her family and friends in Colorado. Now, when she gets a chance moment away from her official life she goes trout fishing with the burgomasters of Luxembourg. Fish is a very popular dish there. Even so she has taught many new fish recipes to her Luxembourg chef and her French cook. An enthusiastic cook herself, she wishes she could spend more time in the kitchen.

The real warmth of this talented woman is apparent when she speaks of the country where she now lives and works as America's Minister. "I love it. I don't like it. I just love it," she says. No wonder that she has received such a warm reception from new friends abroad. We are happy to welcome her to THE AMERICAN HOME.

Recipes on pages 64, 68.

Mrs. Perle Mesta, the U. S. Minister to Luxembourg, presents some of her ideas on serving fish

• cold glazed salmon

MENU
Cold Salmon Platter
Broccoli with Hollandaise Sauce
Potato Chips
Graham Cracker Ice Box Cake
Beverage

Note: The mild flavor of the glazed salmon is complemented by the tart mayonnaise and the relishes.

• baked fillet of haddock

MENU
Baked Fillets of Haddock in Cream Sauce
Baked Cauliflower with Bread Crumbs
Tossed Green Salad Bowl
Fresh Fruit Sponge Cake
Beverage

Note: You may serve this dish with or without the shrimp—either way, it's delightful.

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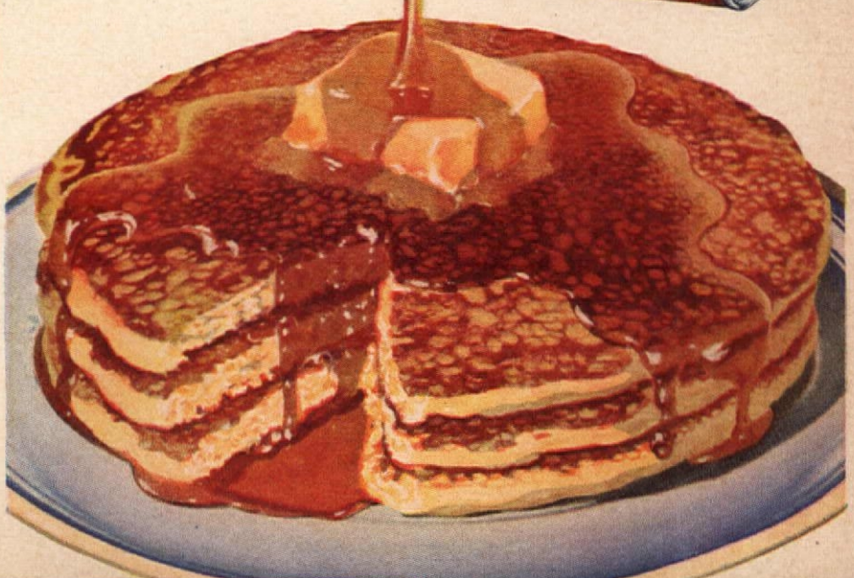

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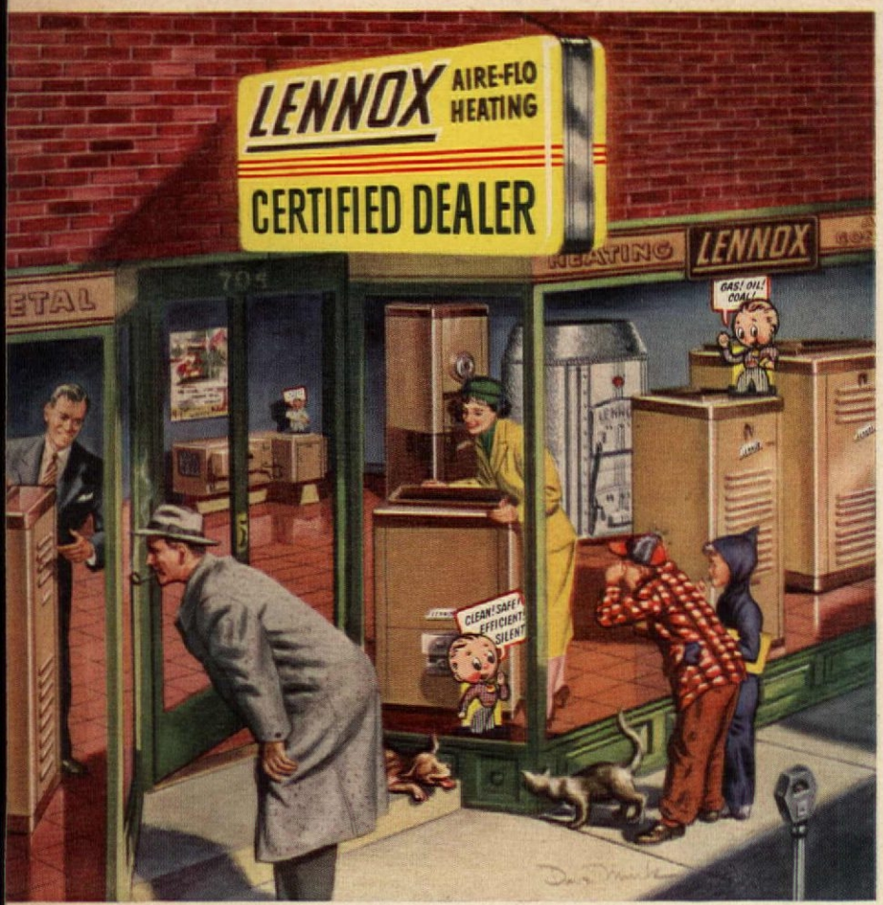

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Call Her Clever (Begins on page 62)

• cold glazed salmon

(File under "Fish")
Serves 6

3- or 4-pound salmon steak
1 onion, small, sliced
1 teaspoon salt
½ cup celery, chopped

ASPIC GLAZE
2 cups fish stock
1 tablespoon gelatin, unflavored

Wrap fish in cheesecloth. Fill a kettle with enough water to cover the fish. Add onion, salt, and celery, and bring to a boil. Reduce heat, immerse fish, and simmer about 12 minutes per pound. Do not permit water to boil while fish is cooking. Drain fish, allow it to cool in cheesecloth. Save fish stock (also known as "Court Bouillon"). Remove cheesecloth and skin of salmon. Soak gelatin in a little of the stock, in top of double boiler. When the gelatin has dissolved, add it to the rest of the stock. Chill. When the gelatin is about to set, pour it over the fish or brush it over the fish to glaze it. (If you don't want the salmon glazed, use the gelatin as follows: Permit the gelatin to stiffen in a bowl, turn it out onto a board and cube it with a knife. Surround the fish with the cubed gelatin.) Place salmon on platter, surround with water cress, garnish with mayonnaise. Add marinated cucumbers, radishes, olives, and deviled eggs.

Tested in The American Home Kitchen

• baked fillet of haddock

(File under "Fish")
Serves 6

Make 1 recipe Perle Mesta's White Sauce
4 haddock (or other fish) fillets
1 bunch chives, chopped
1 cup shrimp, cooked, chopped

Make white sauce. Place fillets in baking dish. Pour sauce over fillets. Bake the fish in a moderate oven (350°F.) for about 25 minutes, or until tender. Remove to platter and top with shrimp. Place platter under broiler until shrimp are hot. Garnish with chives and serve.

See SAUCES & GRAVIES, "Perle Mesta's White Sauce"

Tested in The American Home Kitchen

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Call Her Clever (Begins on page 62)

• Perle Mesta's white sauce

Note: Mrs. Mesta's white sauce is richer than the basic white sauce, since it has more butter than flour. For a *basic medium white sauce*, use 2 tablespoons butter, 2 tablespoons flour; for *thin* sauce, use 1 tablespoon butter, 1 tablespoon flour; for *thick* sauce use 3 tablespoons butter, 3 tablespoons flour. In each case, follow procedure given in Mrs. Mesta's recipe.

Other variations: (1) English walnuts and water cress, chopped, and seasonings; (2) ¼ teaspoon dry mustard; (3) 1 tablespoon chili sauce.

For a smooth and fluffy white sauce, add the milk gradually and beat thoroughly with wire whisk while sauce is boiling.

• baked whitefish with cheese

MENU

Baked Whitefish with Cheese
Scalloped Corn Buttered Spinach
Grapefruit and Avocado Salad with Thick French Dressing
Lemon Sherbet with Mint Sauce
Beverage

Note: Baked fish is very tender. Therefore, the use of parchment paper or foil under the fish while baking will make it easier to remove to serving platter.

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Call Her Clever (Begins on page 62)

• Perle Mesta's white sauce

(File under "Sauces & Gravies")
Makes 1½ cups sauce

2 tablespoons butter
1½ tablespoons flour
1 cup milk, hot
¼ teaspoon salt
⅛ teaspoon paprika or pepper
Variation

Melt butter over low heat in double boiler. Blend in flour. Pour milk in slowly and stir with wire whisk. Add salt and paprika or pepper. Cook until sauce is smooth and boiling, about 10 to 15 minutes. Add choice of variation and mix well.

Variations: (1) celery salt; (2) grated nutmeg; (3) 1 teaspoon lemon juice; (4) ½ teaspoon Worcestershire sauce; (5) 1 teaspoon sherry; (6) 1 teaspoon onion juice.

Tested in The American Home Kitchen

• baked whitefish with cheese

(File under "Fish")
Serves 6

Prepare for cooking a 3-pound whitefish, filled with the following dressing:

4 tablespoons butter
½ cup mushrooms, minced
1 teaspoon onion, chopped
¼ cup green pepper, shredded
1½ cups cracker or bread crumbs
1 egg, beaten
1 teaspoon salt
¼ teaspoon paprika
½ cup grated cheese

Melt butter. Add remaining ingredients and sauté for 2 minutes. Fill the fish with the dressing and clip or sew the sides together. Roll the fish in grated cheese, or spread it with snappy cheese. Bake in a pan lined with heavy waxed paper, or foil, in a moderate oven (350°F.) allowing 15 minutes per pound. Baste it with hot water and butter (2 parts water to 1 part butter). Serve fish with Hollandaise Sauce.

Tested in The American Home Kitchen

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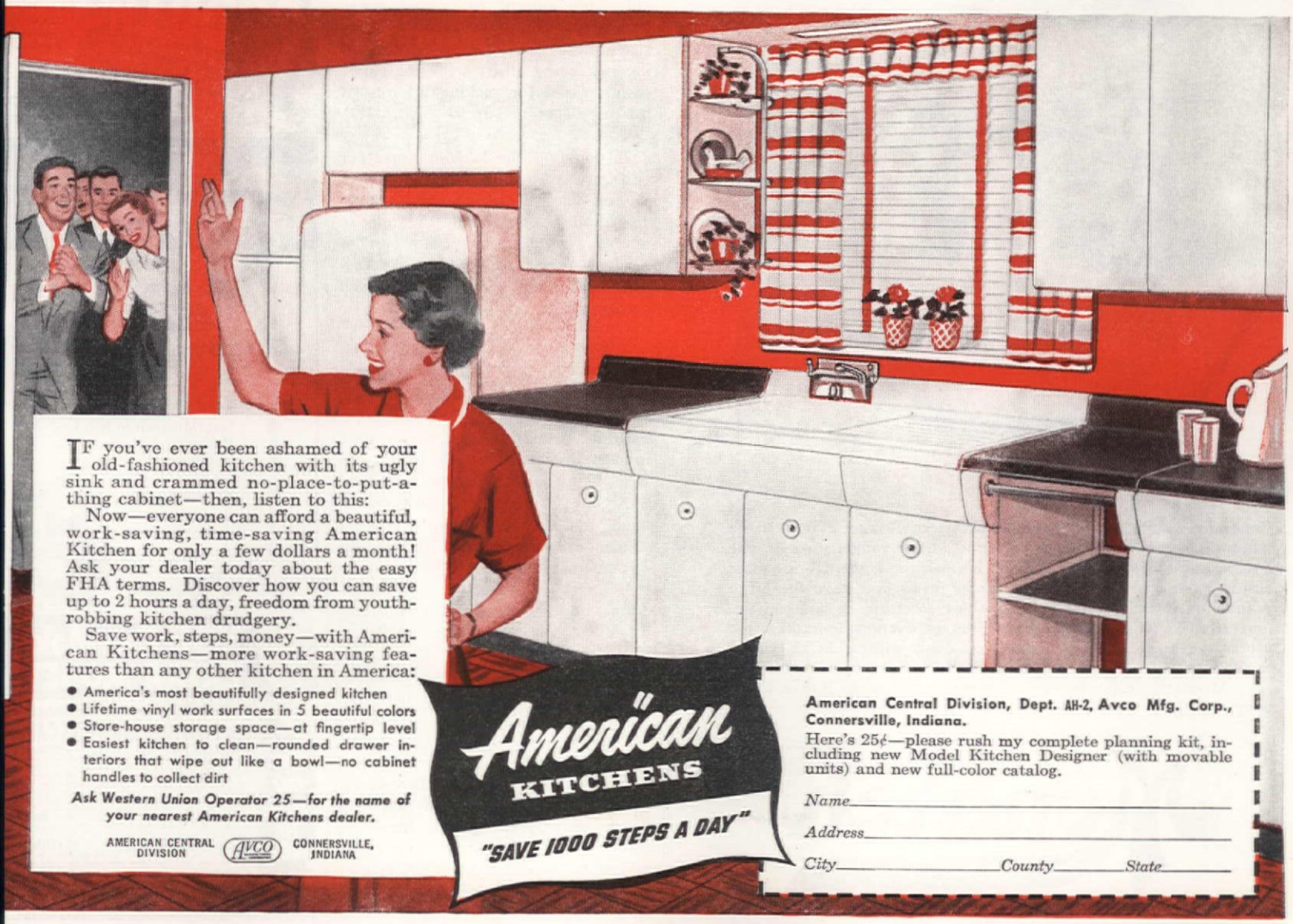

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TAKE A TIP

ELEANOR LEE JONES

When using your electric mixer for folding in flour, fashion your own scoop for the flour by sifting flour onto sheet of heavy waxed paper or aluminum foil; holding two opposite edges together, pour flour into mixer bowl from scoop.

• • •

If it's hide-and-go-seek when you're hunting for handkerchiefs in the washing machine, place them in a net bag made from two knit dishcloths. Swish through wringer in the bag, too, and there they are all together for hanging in one place on line or placing in dryer.

• • •

Next time you're waxing floors, apply a coat of wax to your dustpan and see how much more easily the dirt slides off.

• • •

If corks slip into salt and pepper shakers every time you fill them, an effective substitute is adhesive tape which may be put across the bottom of the shakers—so easy to remove and replace!

• • •

Turkish towels may be worn but still have lots of uses: they make good fillers for pot-holders; a large-sized piece can be used for applying furniture polish; try using small, damp pieces for picking up bits of broken glass—be sure to discard!

• • •

If you find the headings on your curtains are torn from the rough, jagged edges of curtain rods, we suggest dipping one end of the rods in melted paraffin and allowing to harden. When ready to hang curtains, slip paraffin end of rod through curtain.

• • •

A good use for scraps of soap from the bath, laundry, and kitchen is a soap jelly to be used just as you use soap flakes. Divide into two groups, bath and laundry soaps; then collect in separate jars and allow to dry out well. To make soap into uniform bits, use your meat grinder with coarse blade, and tie a paper bag over head of grinder to simplify the cleaning-up job. After grinding, add ⅓ cup soap to 1 quart water and place in top of double-boiler. Steam until completely dissolved, cool, place in jar to jell.

• • •

Bath-soap jelly does an excellent shampoo job, and can be used for washing lingerie, too.

• • •

Jelly made from laundry soap has a thousand and one uses. If you use a soap powder for laundering, dip brush in jelly, and treat ingrained soil—watch unsightly lines on collar and cuffs vanish as if by magic! Never use soap jelly with a detergent; they will not mix chemically.

• crab bisque

MENU

Crab Bisque
Scalloped Oysters Baked Potatoes
Fresh Pear Salad Fruit Dressing
Jelly Roll
Beverage

Note: Variations in the flavor of this bisque can be achieved by topping with grated Parmesan cheese, or whipped fresh or sour cream.

• fish canapés and hors d' oeuvres

Note: It is important to serve those canapes and hors d' oeuvres that are hot, *hot;* those that are cold, *cold.* Use your imagination in creating attractive garnishes that will make your appetizer tray exciting and appealing. There is an endless list of appetizers; those using fish should be served along with other varieties.

Fish Story (Begins on page 56)

if you buy in the early part of the week the supply is often the heaviest, and demand lightest.

How can you tell if fish is fresh: Look it in the eye. Fresh fish has clear eyes, clean, odorless gills. Touch him—the flesh should be firm and elastic, your fingers should leave no impression. Inhale—fresh fish smells clean and salty—like sea surf.

What kind of fish should you buy: That's a hard one to answer. Naturally you're going to get the kind you like, but there are two general categories. Fat and lean fish. Fat fish such as sea bass, lake trout, halibut, mackerel, pompano—they're best baked or broiled. Lean fish include bluefish, flounder, haddock, perch, and swordfish—steam, broil, or fry them. If you find a good bargain, buy some and put it in the home freezer. If you have a fine recipe

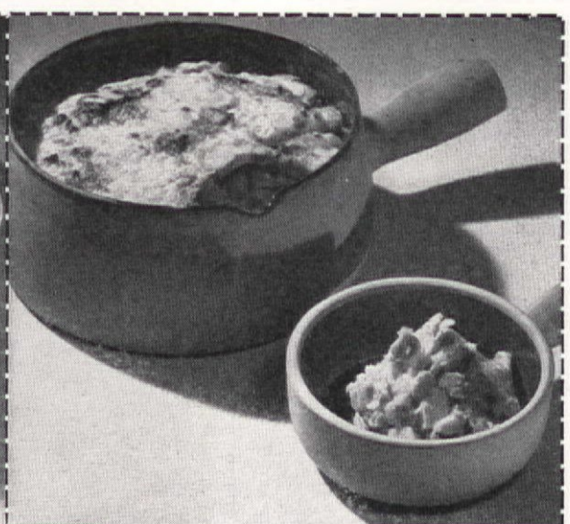
PLEASE TURN TO PAGE 74

• salmon mousse

MENU

Salmon Mousse with Nut Sauce
Scalloped Potatoes
Buttered Asparagus Tips
Hot Clover-Leaf Rolls
Butter Crabapple Jelly
Chocolate Coconut Layer Cake
Beverage

ote: A hot spicy nut sauce goes ell with Salmon Mousse. Since e mousse is cold, and the sauce ot, serve the sauce separately so at each person may help himself.



• tuna and vegetable casserole

MENU

Consommé with Lemon
Tuna and Vegetable Casserole
Cole Slaw with Pineapple
Corn Bread Plum Jelly
Deep Dish Apple Pie
Beverage

ote: This casserole can be made ith other fish and various veg- ables, such as peas, corn, toma- es, green beans, or cauliflower.

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with unwashed glasses!

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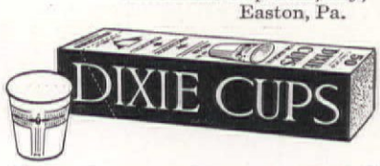

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• tuna and vegetable casserole

(File under "Casseroles")
Serves 6

6 tablespoons butter
1 onion, small, chopped
4 tablespoons green pepper, chopped
3 tablespoons flour
¾ teaspoon salt
⅛ teaspoon pepper
⅛ teaspoon paprika
⅛ teaspoon nutmeg
1½ cups milk
1 tablespoon lemon juice
2 cans tuna fish
1 package lima beans, frozen, cooked
1 cup crackers, rolled
¼ pound cheddar cheese, sliced thin

Melt butter in top of double boiler; add onion and green pepper and fry till golden brown. Gradually add flour, salt, pepper, paprika, and nutmeg. Blend well. Then place top of double boiler in lower section. Add milk to mixture and stir constantly till thick (about 5 minutes). Add tuna oil and lemon juice and cook for ten minutes. Grease casserole. Alternate in layers, cracker crumbs, lima beans, cheese, and sauce. Bake in 450°F. oven about 10–15 minutes, or until top is a toasty brown.

Tested in THE AMERICAN HOME KITCHEN

• salmon mousse

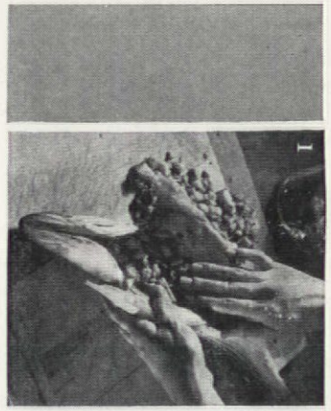
(File under "Fish")
Serves 6

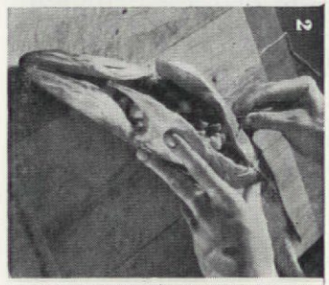
2 tablespoons gelatin, unflavored
1 cup cold water
1 cup boiling water
1 cup mayonnaise
1 cup cream, heavy, whipped
2 cups salmon, flaked, cooked
Juice of ½ lemon
Pimiento strips

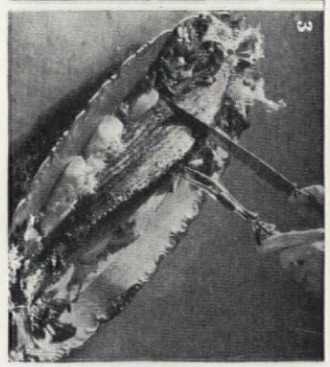
Squeeze lemon juice over salmon and allow to stand. Soften gelatin in cold water 5 minutes; add boiling water, stir until dissolved, and chill until slightly thickened. Fold in mayonnaise and cream; add salmon. Lightly grease mold. Line with pimiento strips and fill with gelatin mixture. Chill until firm. Unmold on serving platter and serve.

See: SAUCES & GRAVIES, "White Sauce with Variations"

Tested in THE AMERICAN HOME KITCHEN







• fish canapés and hors d' oeuvres

(File under "Appetizers")

1. Combine cream cheese and canned chopped clams; spread on buttered bread squares; toast, serve hot.
2. Combine peanut butter, grated cheese, anchovy paste; spread on bread squares; toast, serve hot.
3. Combine cream cheese, chopped onion, chopped cooked shrimp, and lemon juice; spread on crisp cracker.
4. Combine flaked whitefish, cottage cheese, chopped onions; spread on salty rye bread.
5. Combine blue cheese, mayonnaise; spread on toasted wheat bread. Garnish with slice of smoked salmon.
6. Combine sardines, cottage cheese, Angostura bitters, Worcestershire sauce; spread on white toast.
7. Combine anchovy paste, cream cheese, chopped anchovy fillets, Worcestershire sauce, lemon juice, and mayonnaise; serve on crisp cracker.
8. Combine cream cheese, flaked crabmeat, mayonnaise and grated cheddar cheese; spread on whole wheat bread squares.
9. Combine flaked crab meat, mayonnaise, Tabasco sauce, lemon juice, chopped onion; serve on soft or toasted white bread.
10. Place fresh cooked shrimp on tooth pick; serve with spicy cocktail sauce.
11. Combine cream cheese, flaked whitefish, chopped nuts, mayonnaise; fill celery stalks.

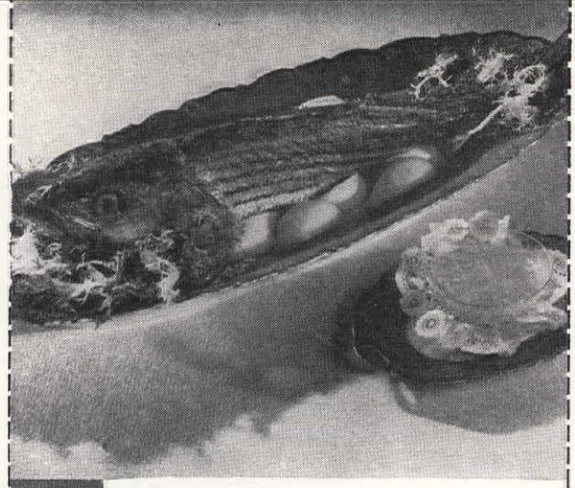
• crab bisque

(File under "Soups")
Serves 6

1 can mock turtle soup
1 can tomato soup, condensed
1 can split pea soup, condensed
1 7½-ounce can crabmeat, flaked
1 teaspoon salt
⅓ teaspoon pepper
2 cups milk
1 bouillon cube dissolved in ¼ cup boiling water
Juice of ½ lemon
¼ cup sherry

Combine all ingredients except lemon juice and sherry; heat. Just before serving, add sherry and lemon juice. Serve hot.

Tested in THE AMERICAN HOME KITCHEN



• baked stuffed fish

MENU

Spiced Apple Juice
Baked Stuffed Fish with Egg Sauce
Broiled Tomatoes Mashed Potatoes
Hearts of Lettuce French Dressing
Cottage Pudding with Lemon Sauce
Beverage

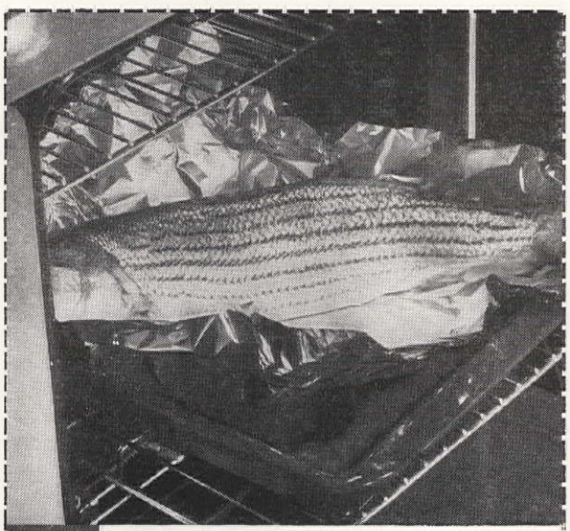
Note: The head of the fish helps to keep in the juices, but it may be removed if desired. If the head is removed, however, allow 14 minutes to the pound instead of 12.

Fish Story (Begins on page 56)

1. After cavity of fish has been rubbed with salt, press stuffing in firmly, but gently. Remember, the edges must come together when sewed.

2. You may clip the sides of the fish together by other methods, but we prefer the old-fashioned way. Use linen thread or string, large needle. Take stitches close to the edge, draw up tightly.

3. Use a very sharp, thin-bladed knife to remove head of fish; then slice off steaks of desired thickness. Include plenty of stuffing.



• hints on fish

ote: It is important to remem-
r that fish contains a rich supply
vitamins, minerals, and proteins.
nce fish can now be purchased in
esh, frozen or canned form the
ar around, it should be a key-
one in your meal planning.

different as snowflakes

"Snowflake" Bentley, the homespun Vermont scientist, proved with thousands of pictures that no two snowflakes are exactly alike. Millions of housewives, in more millions of washings, have proved there's no soap exactly like Fels-Naptha . . . nothing else that washes sheets, shirts, and all white goods literally "as white as snow." For downright ability to keep clothes clean there's nothing like soap . . . and no soap like Fels-Naptha. Use Fels-Naptha *Chips* in your machine or tub. Keep Fels-Naptha *Bar* handy for high-spotting collars, cuffs and other heavily soiled articles.

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2. Gentle, active naptha.
3. "Sunshine" ingredients for whiter whites—brighter colors

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America's Easiest Ranges to Keep Clean

• baked stuffed fish

(File under "Fish")
Serves 6

4-pound striped bass, dressed
1 teaspoon salt
1 cup butter, melted
STUFFING
6 tablespoons butter
¾ cup celery, chopped
1 onion, medium, chopped
⅛ teaspoon pepper
1 teaspoon salt
1 bay leaf
½ teaspoon thyme
4 cups stale bread, cubed
1 cup chestnut meats, chopped
3 tablespoons cucumbers, chopped

Stuffing: Melt butter in a large skillet. Add chopped celery, onion, and seasonings and sauté lightly. Remove from pan leaving butter. Add bread crumbs to this butter and toast. When toasted, add celery, onion, and chestnuts and cucumbers. Mix well. Wipe fish with damp cloth, or rinse in cold salt water. Rub the inside with the 1 teaspoon of salt. Fill with stuffing and sew. Put in greased shallow pan and pour over the melted butter. Bake at 400°F. allowing 12 minutes per pound of fish. Baste frequently with the butter.

Tested in THE AMERICAN HOME KITCHEN

Fish Story (Begins on page 56)

for a certain kind of fish, substitute something else if you want to. There are a lot of fish in the sea!

What cuts of fish can you buy: Whole—as they come from the water; drawn—with entrails only removed; dressed—whole fish, scales and innards removed, with head, tail, and fins removed, too, if

PLEASE TURN TO PAGE 83

• hints on fish

1. ⅓ pound fish, fillets or steaks, per serving.
   ½ pound fish, dressed, per serving.
   1 pound fish, whole, per serving.
2. Fish should be wiped with damp cloth or washed in cold salt water.
3. Fish is always tender and juicy. It needs only enough cooking to bring out its natural flavor and tenderness.
4. *Boil* to cook in water which should be reduced to a simmer after fish is immersed.
   Broil to cook directly under a flame or red-hot heating unit, or over an open fire or grill.
   Bake to cook by dry heat without covering, usually in an oven. Line baking pan with waxed paper or foil.
   Sauté to cook uncovered in a frying pan with small amount of fat over low flame.
   Deep Fat Frying to cook in heavy pan on top burner, in fat half as deep as the thickness of the fish. Fat should be preheated, but should not smoke.
5. To clean hands and pans use hot salt water before using soap.

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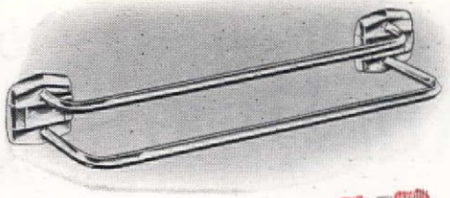
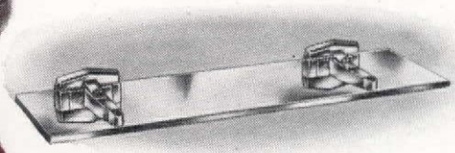
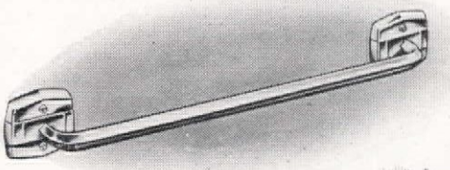


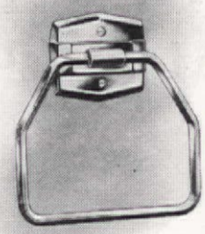
TWIN TOWEL BAR
Clever space-saver, this two-in-one bar! Holds twice as much — displays a complete towel set beautifully! Serves as lingerie dryer, too.

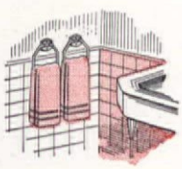


GLASS SHELF BRACKETS
Unique brackets grip shelf firmly from back — leave surface free, easy-to-clean. (Also available complete with glass.)

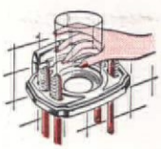


TOWEL BAR
Comes in two popular sizes, 18 and 24 inches long for guest towels, hand towels, bath towels. Fluted design prevents "slipping."





TOWEL RING
Distinctive stirrup shape. Extra decorative, used in pairs. Extra convenient under kitchen work counter — near sink — near stove.



TUMBLER AND TOOTHBRUSH HOLDER
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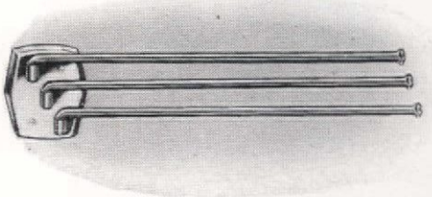

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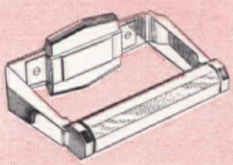

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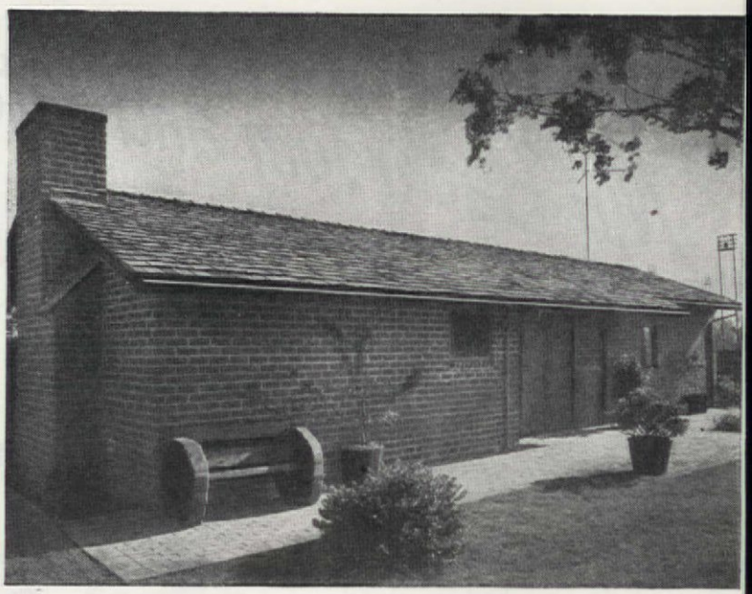


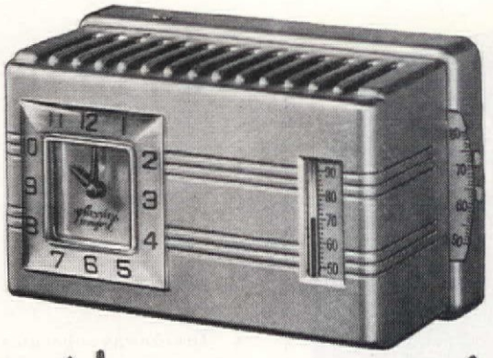
Redwood doors and slow, easy-pitched cedar shingle roof give this small brick house a pleasing long line. Walls are of common brick

It's Brick— Inside and Out

MARTHA B. DARBYSHIRE

Here's a rugged, muscular house that is proud to show the world what it is made of. Designed by architect Allen G. Siple for the National Home and Building Show in Los Angeles, it is built of brick—both inside and outside—with exposed structural timbers. Mr. Siple is a man who likes honest, down-to-earth materials, such as common brick, undressed wood boards, and rough framing lumber, so he planned this house to be built with a minimum of labor, with stock materials, requiring very few tricks. He has also used mostly steel window

End wall of living room is made of combination brick and redwood paneling. Redwood louvered shutters both raise and open



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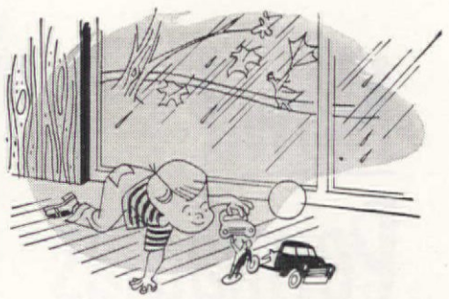
You have a nice warm room to get up in! Your Honeywell Electric Clock Thermostat turns up the heat *automatically*—while you're asleep. Turns it down again at night, so you sleep *cool!*

You have a nice warm bathroom in which to shave and take your bath. Your Honeywell Electric Clock Thermostat helps give you a better *disposition* as well as greater comfort!



You have a level, uniform temperature all day long—no matter how the weather changes. Lots of people call Honeywell Electric Clock Thermostats good preventive medicine for colds!

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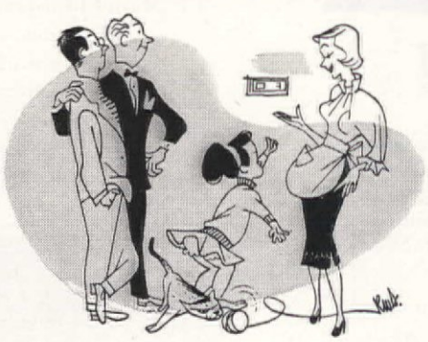

You have an attractive electric clock on your wall! It's a smart addition to your decorative scheme. Why not have your new Honeywell Electric Clock Thermostat installed *right now!*

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T. M. means Thermostat Magic—the *magical* sensitivity with which the new Honeywell Electric Clock Thermostat keeps temperatures within narrower limits than was ever possible before. Honeywell *Thermostat Magic* is the greatest advance in heating control since the invention of the thermostat!

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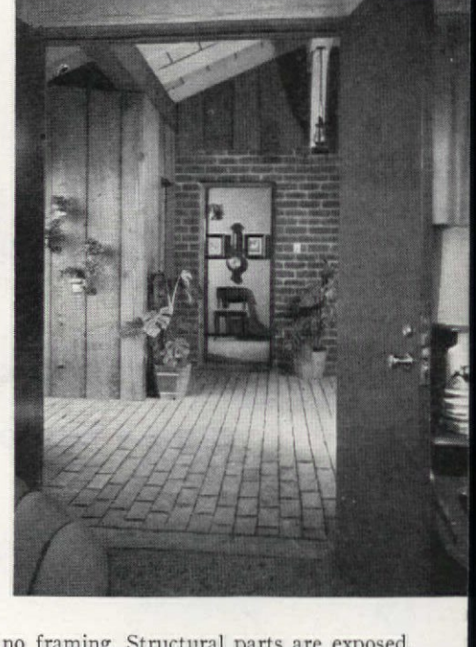
It's Brick—Inside and Out

(Begins on page 76)



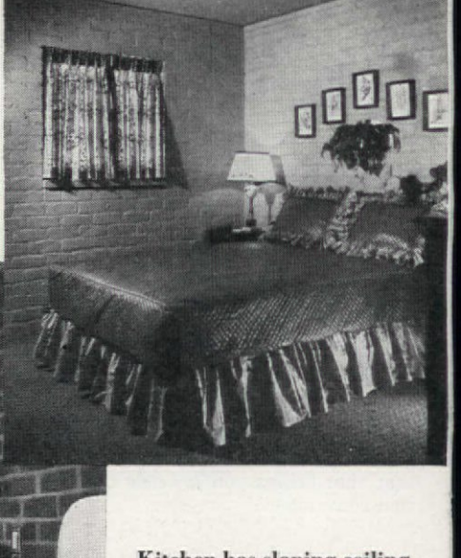
Breezeway separates living room from bedroom hall. Door at left leads to kitchen. Breezeway gives small house an easy air of spaciousness. Doors opening into it are painted dark slate-blue with brass hardware

frames which require no framing. Structural parts are exposed.

The house is staunchly, soundly built, the brick walls laid with waterproof cement and roofed with hand-split cedar shakes. Inside, the exposed living room and breezeway ceilings, heavy beams, and braces are of rough redwood covered with one coat of heavy white oil paint. The heavy front door is of redwood planks bolted boldly together.

Built for California weather, here is an intriguing floor plan, with the living room completely separate from the rest of the house. Practical for this climate, sturdy, unusual, yet conservative, it's made to order for active living.

Photographs by George de Gennaro
Interior Decoration—Barker Bros.
Landscape Designer—John Eyerman, Jr.



Master bedroom has three brick walls, closed ceiling, all painted celadon-green. Room has door (not shown) leading into small garden in rear

Kitchen has sloping ceiling, like shed roof, and a bank of windows on two sides. One wall is brick, other three of white pine plyboard. One door opens to breezeway, another to terrace, making outside service simple

Nancy's floors were her despair 'Til she learned the proper care!

m getting ashamed to have
ople in," Nancy told her best
end. "My floors are a sight,
tting shabbier every day.
w do *you* keep your floors
king so nice?"

"My floors were worse than yours," her friend replied. "So bad we had to spend $200 refinishing them. Never again. Now I protect my floors with Johnson's Wax. Try it!"

Nancy took her friend's advice and waxed her floors regularly with genuine Johnson's Wax. Now they gleam bright as new again and will never need costly refinishing.

What a break for Nancy! She, lucky lady, learned before it was too late that when floors are finished with genuine Johnson's Wax the finish can't wear off!

It's 10 times faster with a Johnson's Wax Beautiflor Electric Polisher! You can rent one almost anywhere—available in 50,000 stores. Or you can buy one for $44.50.

Flatter your floors with the real protection only genuine wax can give! *

Decide to start waxing today. It never pays to neglect your floors. And it costs so little to protect them from wear with genuine Johnson's Polishing Wax!

Don't worry if applying genuine Johnson's Polishing Wax takes a little more time than self polishes take. It gives longer-lasting protection so waxings are many months apart.

And waxed floors are really easy to keep clean—much easier than carpeted floors. A dry mop whisks dust away.

Genuine Johnson's Wax comes in two forms—Paste and Liquid. Many people like Paste, because it's highly concentrated. Liquid is especially easy to use, and dry cleans floors as it waxes. *Both* give your floors real wax beauty and protection. Use either (or both) for the loveliest floors your home ever had. Begin today!

For lasting beauty and protection insist on genuine

Johnson's Wax

(Paste or Liquid)

* *For advice on any floor care problem, write to Consumer Service Dept. AH21, S. C. Johnson & Son, Inc., Racine, Wis.*

"JOHNSON'S" AND "BEAUTIFLOR" ARE REGISTERED TRADEMARKS. © S. C. JOHNSON & SON, INC., RACINE, WIS., 1951

Charm rules here!

The warmth and friendliness of this attractive kitchen is due in large part to its gleaming Western Pine walls and woodwork.

For lifetime loveliness in the kitchen and all through the house, build or remodel with the Western Pines*! Their ingrained beauty and soft textures lend themselves to any finish or décor. Easy to work, they may be painted, stained, enameled to a high gloss or left natural, then waxed and rubbed to a mellow glow.

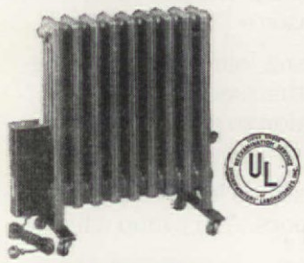
Your retail lumber dealer will approve your decision to build in charm with beautiful, durable, economical Western Pines*!

THESE ARE THE WESTERN PINES *IDAHO WHITE PINE *PONDEROSA PINE *SUGAR PINE

YOURS FOR THE ASKING

Ideas galore in our colorful booklet, "ENCHANTING HOMES OF WESTERN PINES." *71 pictures! Send for your* FREE *copy to* WESTERN PINE ASSOCIATION, DEPT. 401-F, YEON BLDG., PORTLAND 4, OREGON.

Don't SHIVER this Winter...



Keep WARM with a BURNHAM PORTABLE ELECTRIC STEAM RADIATOR

When the mercury drops and you need *extra* heat to make chilly rooms comfortable here's the easy, economical way to get it—quick! The Burnham Portable Electric Steam Radiator gives you actual steam heat. Just plug it into the nearest outlet! It's cast iron for years of service. Clean and odorless! It's SAFE—approved by Underwriters' Laboratories. Thoroughly dependable too—the finest controls manufactured make it fully automatic in operation. 6 sizes for AC or DC—110 or 220 volts—$54 to $98 FOB factory.

Ideal for

Bedrooms Nurseries Sun Porches Offices Bathrooms Work Shops Camps

Mail Coupon for Complete Details

Burnham Corporation, Electric Radiator Dept. AH-21, Irvington, N. Y.

Please send folder telling more about the Burnham Portable Electric Steam Radiator.

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Address .....

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

GOOD MONEY IN WEAVING

Earn money at **home** weaving rugs, carpets, etc. from old rags or new yarn—in your community! No experience necessary. 31,000 doing it with easy running **Union Looms** costing less than **$60.00!** Send for our **free booklet** today.

UNION LOOM WORKS, 24 Factory St., Boonville, N. Y.

You too can have that wonderful feeling of knowing that you have enough money to buy the extras you want... knowing that you don't have to scrimp.

BIG MONEY FOR YOUR SPARE TIME!

When you call on your friends, go shopping, attend a club-meeting show FRIENDSHIP All-Occasion Greeting Card Assortments. Everybody needs Birthday, Get-Well and other Greeting Cards. Folks will be glad to buy from you when they see your lovely cards for all events, packed in handy, low-priced Box Assortments.

MAKE $50 EASILY... QUICKLY! Sell only 100 new 21-Card All-Occasion Assortments. Amazing $1 value sells itself; pays you up to 100% cash profit! Also DeLuxe 25-card Super-Value, "Tops 'N Pops", Imprinted Scented Scripts, many more. Extra cash bonus. Easy plan for groups. Get assortments on approval and FREE imprint Samples! Send coupon TODAY!

Get Samples

SEND NO MONEY—MAIL COUPON NOW!

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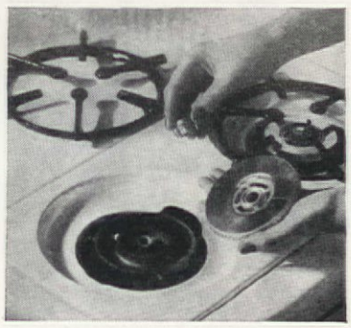
*Address*_____

*City*_____ *Zone*____ *State*_____

News in Gas Ranges

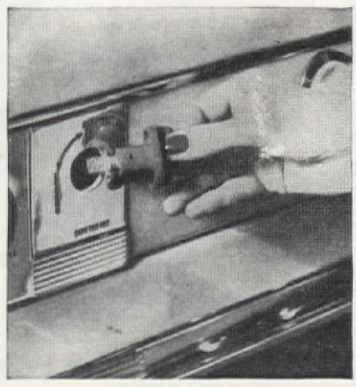
(Begins on page 48)

with one or two electric outlets, many with two broilers and two ovens, as well as an automatic clock control and minute-minder. You usually have a choice of four or six burners, divided or staggered top.



Simmer-set burners on Hardwick's range come in two parts and the chromium center can be quickly unscrewed so that the burner is a breeze to wash

Western Holly has added a good safety feature in the covered grease cup that is used to collect grease drained automatically during use of their griddle



Safe-Tee-Kee on Grand's range means no tampering for little hands. By turning key to locked position and removing from valve, gas to main burners is cut off

For this special purpose!

Don't use "anything handy" to clean the toilet bowl—only Sani-Flush can do it right. For Sani-Flush is made for this one special purpose. It not only cleans chemically *without scrubbing*, but disinfects—and removes the germy film that gathers in all toilet bowls even though you can't see it. Just follow directions on the familiar yellow can. At all grocers. The Hygienic Products Co., Canton 2, Ohio.

Sani-Flush

PERFUMED with a mild, fresh fragrance

AS LOW A $950

"Brownlee" SECTIONAL LOG CABINS

Easy to Erect, Saving Labor Cost

Save money on your log cabin! Get a "Brownlee"—the cabin that you can erect yourself! Shipped in sections, with doors and windows installed. White cedar logs, pre-treated. Impervious to moisture. Termite resistant. Weather-proof. Factory-caulked exterior walls. Complete materials furnished for erection. A variety of attractive designs—two to five rooms—as low as $950. Also lodges, camp buildings and tourist cabins. Send 25c today for catalog. (Some territories still open to dealers.)

Send 25¢ for CATALOG!

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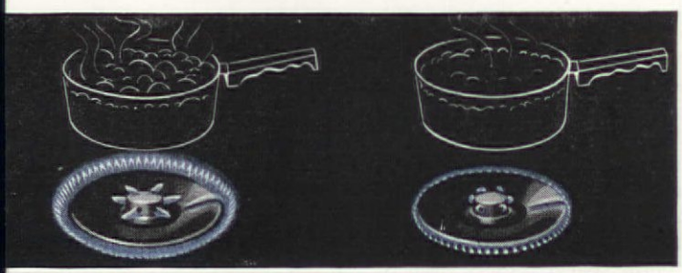
Thomas Hodgson & Sons, Inc.
Concord, N.H.

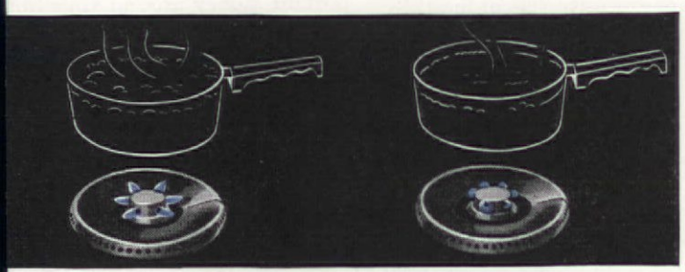
ews in Gas Ranges (Begins on page 48)



MOST GAS BURNERS TURN DOWN LIKE THIS

fast heating, both outer inner rings of flame are ned as high as possible

For moderate heat, lowest turn-down is when both rings of flame are set at low position

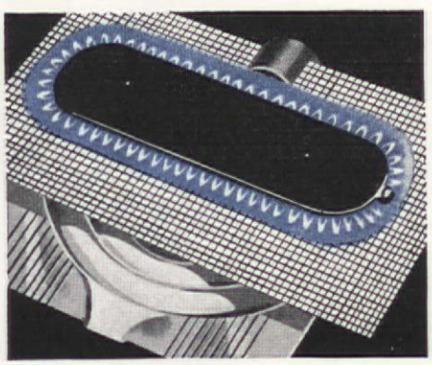


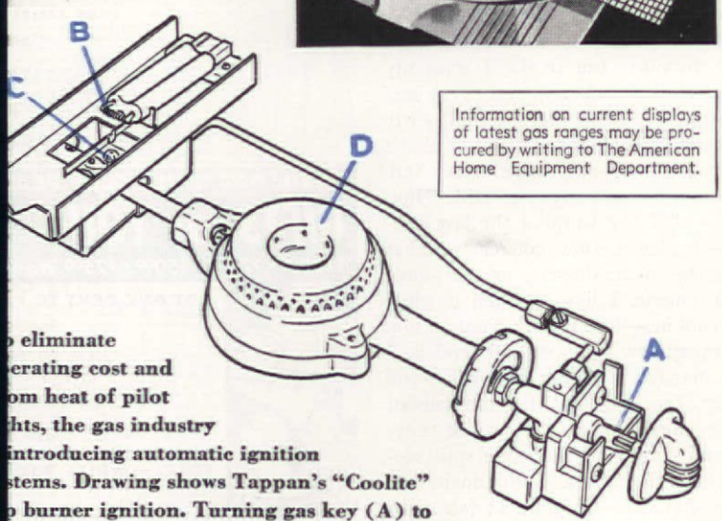
CENTER-SIMMER BURNER DOES *THIS*, TOO

maintain boiling temperature covered pan, inner rings of flame nes on full, outer ring goes out

For keeping foods warm, flame turns down to tiny beads. Harper-Wyman Center-Simmer burners

Radiant mesh broiler on Universal's range gives you aster broiling, adds to that good charcoal flavor which omes from broiling under gas flame. The radiant is a mesh screen made from long-lasting monel metal



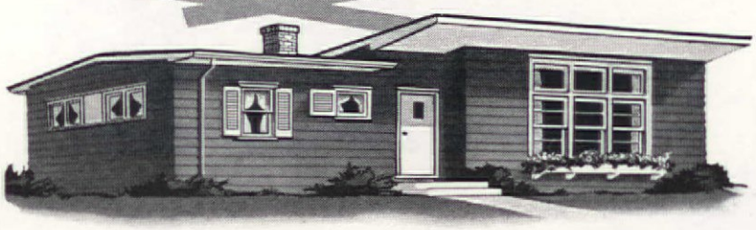


Information on current displays of latest gas ranges may be procured by writing to The American Home Equipment Department.

eliminate erating cost and om heat of pilot hts, the gas industry introducing automatic ignition stems. Drawing shows Tappan's "Coolite" burner ignition. Turning gas key (A) to n" position causes coil (B) to glow and at same time supplies gas both to pilot (C) d burner (D). This occurs the instant key (A) is turned. ce burner is lighted, coil (B) ceases to glow, conserving ctricity and prolonging its life. If flame is accidently inguished, coil (B) immediately glows again and relights it. nilar principle used in Tappan's oven and broiler ignition

Making every dollar buy

GREATER HOME VALUE



DESIGN NO. 5136

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THIS is a practical home . . . thoroughly modern in exterior design and floor plan . . . offering unusual features for pleasant, comfortable living. It is an excellent example of advanced architectural design . . . illustrating the value of professional planning in making every building dollar produce greater home value.

This home joins the scores of other architect-designed homes to be found in the Weyerhaeuser 4-Square Home Building Service. This Service is made available for your study and use, without charge, by local lumber dealers.

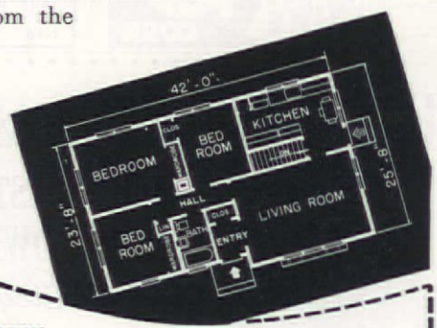
Ask your dealer to show you this Service. Study all the designs . . . there's a wide variety of styles and sizes. See how experienced architects provide for comfort, convenience and privacy.

You will also see how the use of Weyerhaeuser 4-Square Lumber simplifies sound, economical construction. This kiln dried quality lumber is precision manufactured and lends itself to sound construction with a minimum of sawing and fitting.

There is a choice of proper species and grades of 4-Square Lumber for framing, sheathing, siding, interior trim and wood paneling.

If you are planning to build, use this Service . . . and if you would like a folder describing the house above and a booklet showing over 50 designs from the Service, mail the coupon.

WEYERHAEUSER 4-SQUARE LUMBER AND SERVICES



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● I am enclosing 10c. Please send me the folder describing Home No. 5136 and the book "Homes of Greater Value," which illustrates over 50 other designs and floor plans.

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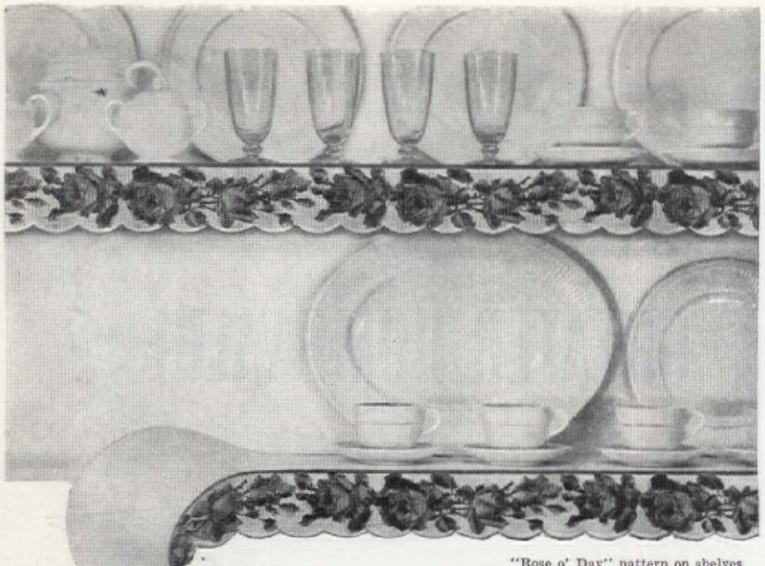

"Rose o' Day" pattern on shelves

KITCHEN DECORATING TIP

Here's how to transform your kitchen in minutes into a new picture of color-beauty: simply place colorful Royledge Shelving on all your shelves, and see the room sparkle with gay reds, yellows, blues, greens! Costs only pennies. Choose from new patterns now at 5 & 10's, Supermarkets, Housefurnishing, Naborhood, Dept. Stores.

Plasti-Chrome

Royledge

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Shelving Paper & Edging all-in-one
9 ft. & 24 ft. pkgs.

New ADHESIVE Edging
for steel or wood shelves

Cook Meat on new SKEWS

SEND 20c for sample set of 4 Skews, wonderful new 6-in. stainless steel skewers and 5 recipes for city chicken, lamb kebob, steak-on-a-stick. Grand for picnic cooking, too. No charred wood or splinters with all-steel Skews. **FREE** with order: new catalog of Heuck handy 10c to 25c gadgets, including popular new Multi-Mix wooden spoon. **Ladies' Aids, PTAs:** send $1 for sample ass't. of 8 best sellers and money making plan.

M. E. HEUCK, Cincinnati 20-A, Ohio

WANTED!
WOMEN WITH SPARE TIME

$100 REWARD!
For Selling Only 200 New Greeting Card Assortments

Here's extra money for new clothes, television set, decorating, other "extras"! Show big value 21-Card All-Occasion Assortment to friends, others. Sells like wildfire at just $1. You make up to 50¢ cash profit.

BIG LINE OF SELF-SELLERS! Add to your income with big profits on "DeLuxe" All-Occasion, Gift Wraps, Humorous, Personal Stationery, Napkins and many others. EXTRA CASH BONUS. Assortments **On Approval**, Imprint Samples FREE. Write Now!

HYCREST CARD CO., INC.
78 Chauncy St., Dept. 857, Boston 11, Mass.

AMERICA'S FAVORITE

ALWAYS POPS BETTER

JOLLY TIME POP CORN

WATCHES WANTED!

ANY CONDITION. Highest cash prices paid promptly. Also broken jewelry, spectacles, dental gold, diamonds, etc. Send articles today. Satisfaction guaranteed.

LOWE'S
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Holland Bldg.
St. Louis 1, Mo.

Ripe Olives *Elegant in Sandwiches*

Try **"FIESTA SANDWICHES"** *Elegant!*

Elegant in so *many* ways. And so easy to serve and to use for that subtle touch to your cooking. Don't be without ripe olives. Write for free booklet of Elegant Ripe Olive Recipes: Olive Advisory Board, Dept. A-2, 16 Beale Street, San Francisco 5, California.

Fiesta Sandwich Filling: Cut ½ cup ripe olives from pits, or use canned chopped ripe olives. Blend with ½ cup chopped sweet pickle, 4 chopped hard cooked eggs, 2 tablespoons chili sauce, 1 teaspoon salt and ¼ cup mayonnaise. Spread on your favorite bread. Makes 2 cups of sandwich filling.

RIPE OLIVES from CALIFORNIA

CUT OUT AND PASTE ON CARD FOR YOUR RECIPE FILE

Good Victuals

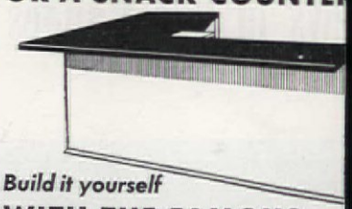
(Begins on page 59)

Yourself Salad. Guests think it great fun and I think it rare good sense. Skewers take little room on a crowded plate, each guest gets only what he likes—and it's self-service. But whichever salad you serve, both are conversation pieces—and what hostess isn't secretly pleased to have produced one.

I have often wondered why so many women believe a quick meal is an easy meal. To my way of thinking there is nothing more nerve-racking than having everything in progress at once. Of necessity, it limits the menu, murders the budget. Quick-cooking meats are expensive cuts of meat. By the same token, it is the variety of flavors and ingredients one can combine with meat, can bake or steam into a pudding or casserole, that makes it rich and subtle, not the cost of those ingredients. Once the oven door is shut or the heavy lid put on, what has the cooking time to do with your time—except to give you a long breather? By all means, use the good food that comes in cans, or the wonderfully easy quick mixes. But why not use them more intelligently than just as quickie meals or last-minute planning? All of them are better for smart flavoring tricks or gourmet touches—things more easily done during the midday lull or on a stove top freed of bubbling pots, sizzling frying pans and blasting broilers all going at once during the height of so-called easy dinners.

If you've been following "Good Victuals," you know I'm a gal for quickies—but I don't want an entire stove top crackling at stop-watch timing. I want something I can do ahead and have finished with, long before the dinner hour approaches, done when there's no nagging rush and therefore fun to do. I want my salad chilled and crisp and every leaf covered with dressing. Oil and newly washed greens won't mix, so that's an early-in-the-day thing, too. And, because I want my vegetables hot, that's all I like to do at the last minute—I plan a slow cooker, whether it is the meat, dessert, or the whole main course. I like to smell it while it's cooking—but I don't want to hop up every few minutes and tend it. I can manage a dinner like this—and easily, too. But not for me one of these meals where everything goes on and comes off the same split second. Oh, I guess I could do it, but why should I—or you? It takes the fun out of cooking, the starch out of the purse. The revival of some old-time "slowies," combined with our-time "quickies" is far easier on the cook and on the purse, believe me, than a steady diet of so-called quick-and-easies. And my, oh my, how very much better the eating is!

WANT A BAR... OR A SNACK COUNTER



Build it yourself
WITH THE FAMOUS EASI-BILD PATTERN

25¢ brings you FULL-SIZE PA TERNS of this modern bar. Y can build it to stand-up or st height at a big saving ... when y do it yourself.

Send an additional 20¢ for Easi-Bild* Pattern Book, showi the entire Easi-Bild line. You'll at a glance how you can save portant money around your hon

*T.M. *Easi-Bild Pattern*

UNITED STATES PLYWOOD CORPORATIO

Dept. AH, P.O. Box 215, Pleasantville, N. Y

NO MORE DARK CLOSET

LIGHT GOES ON as door opens
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KLOZ-A-LIT
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Unconditionally Guarante

Modernize your closet in a jiffy! Attach and plug into any outlet! Long cord, simple instructions included. **$2.4**

SLATER APPLIANCES, INC., Dept. A2, Woodside, N.

Amazing New Plan!
DRESS for YO FOR ORDERING 3

Pay no money! Your ch of gorgeous new dress in your favo style, size and color GIVEN TO Y for sending orders for only 3 dre for friends, neighbors, or memb of your family. **That's all** ... your own dress is included with paying one cent. **FREE SAMPL** Write for big Style Presentation sho scores of latest fashions ... actual ple fabrics in nylon, rayon, cotton dre lingerie, hosiery, and children's w sportswear, suits, etc. No money nee **EARN CASH TOO**—Up to $23 week **IN SPARE TIME!** You ca complete wardrobe. **EARN CASH — IN SPARE TIME. EASY!** today giving your dress size and

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Dept. D-374, Cincinnati 25,

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Choose Gifts from huge selecti silverware, dinnerware, electric i toasters, mixers, cleaners, jew also lovely dresses and wearing ap —any or all the Gifts you want— without one cent cost on thrilling Co Hall Style Club Plan! Friends, n bors select beautiful, latest-s dresses and clothing at new saving prices—on easy payments! miums for members, too ... receive gorgeous gifts—$100.00, $ $50.00, $25.00 worth, as Club Secre

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YOU can make plenty of extra cash showing FANMOUR'S 1951 Everyday Cards, Easter, Personalized Stationery, Children's Items and Novel Gifts that "sell on sight" up to 100% profit.

WRITE TODAY SAMPLES ON APPROVAL and receive FREE package of colorful Gift Cards, samples of Personalized Stationery and Illustrated CATALOG. Be first—Start now.

SPECIAL FUND RAISING PLAN FOR ORGANIZATIONS

FANMOUR Corp. Dept. F-2 **200 FIFTH AVE., N.Y. 10, N**

UPSTATE NEW YORKER PICKS DELCO-HEAT BURNER FOR ITS DEPENDABILITY

"We've known from experience that General Motors products are dependable," writes John McCarron of Rochester, N. Y. "So when we wanted a new heating system, a Delco-Heat Conversion Oil Burner was our choice. Now we enjoy clean and even automatic heat—and fuel costs are no higher."

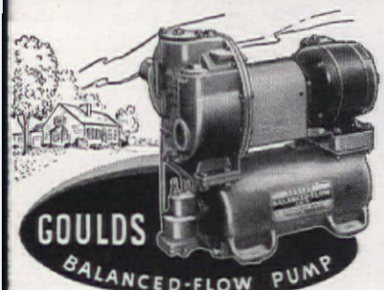
Mr. McCarron is right about General Motors products. Careful engineering and good workmanship insure their being dependable! You can depend on Delco-Heat units being installed right, too, by heating specialists. The Langie Fuel Service, Inc., installed the McCarrons' unit.

Delco-Heat Conversion Oil Burner. Has "Roto-power" feature that combines all moving parts in a single unit. For automatic heat with any fuel, see your Delco-Heat Retail Distributor.

FREE—Write for literature on Delco-Heat Conversion Oil Burner. Address Dept. AH-30, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say—see pages 97, 104.

"City Water Service" for the Suburban Home



Tankless!.. Goulds Balanced-Flow Pump provides true "city water service." The unit provides all the water you want, at one or *more* faucets at the same time (within pump capacity).

It's fully automatic . . . quiet—only one moving part. Fits under the sink—or anywhere. Self-adjusting capacity provides efficient "city" water service for your home. For shallow wells only. **Needs no tank, less pipe (and these are scarce items today) than most pumps.**

Goulds Pumps Inc.
Dept. Z-4, Seneca Falls, N.Y.

"YES, I'D LIKE TO KNOW MORE ABOUT 'CITY WATER SERVICE'."

Please send free booklet on the Balanced-Flow and larger Goulds Water Systems.

Name .....

Address .....

.....

Fish Story

(Begins on page 56)

you want; fillets—sides of fish cut lengthwise from the backbone, practically boneless; steaks—slices cut across the fish, through the backbone.

How much fish to buy: Count on about ⅓ pound per person for fillets and boneless cuts, ½ pound for dressed fish, 1 pound for whole fish.

Now that you've got it, what do you do with it: Wash it, inside and out, with salt water—never fresh. Use sea water if it's available. Wipe fillets and steaks with a salt-water dampened cloth, pat dry with something like cheesecloth. Long soaking kills the flavor of fish (of course, salt fish *must* be soaked in frequently changed water in order to be edible). Wrap loosely in parchment or foil, put in a tightly closed dish, and store in the coldest part of the refrigerator.

When it comes to cooking your delicious fish—don't overdo it. Although they lead an energetic life, they remain pretty tender, so very little cooking is needed. And when you see smoke—put out the fire!

We did say before that fat fish is best for baking, but you can ribbon your lean ones with strips of bacon or baste them frequently and you'll have a juicy, succulent result. When it comes to boiling fish, there's just one simple rule—don't. Simmer, but never let those bubbles show up. Put a little vinegar, lemon, or lime in the water and Mr. Piscatory will keep his clear color and firm flesh. If you care to, you can wrap it in parchment paper or aluminum foil, seal it tightly, and you'll have some fragrant fish juices to use in a sauce.

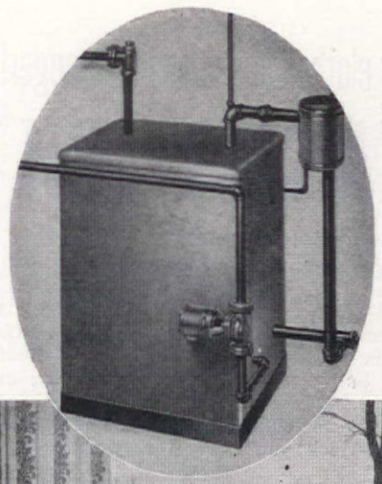
Fried fish—good old standby, popular when cooked over a Boy Scout fire or all be-crumbed and decked with lemon curls. A little lemon juice, sherry wine or tarragon vinegar added to the egg-dip will add to its flavor.

Herbs and spices do a lot for fish, but too much can overpower it. Remember, this is a dish with a "delicate air" so let's keep it that way. Just a touch of bay leaf, celery salt, chive, dill-seed, garlic, marjoram, saffron, thyme, or tarragon is good—but just a touch.

Sauce is popular with fish. But remember to make it before you start cooking the fish. A good cook gets everything else ready in advance for fish must be served hot and at once.

After you've cleared the table and scraped the plates, rinse your hands and pans with a strong warm salt-water solution. This kills any odor.

There's no getting around it, a good fish, well-cooked and temptingly served, can hold its own in any circle. And today, when astronomical prices make us stop and ponder much longer than we used to, it's good to know that fish costs less than many foods, asks for very little preparation, and returns such a delicious dividend.



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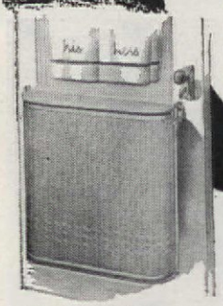

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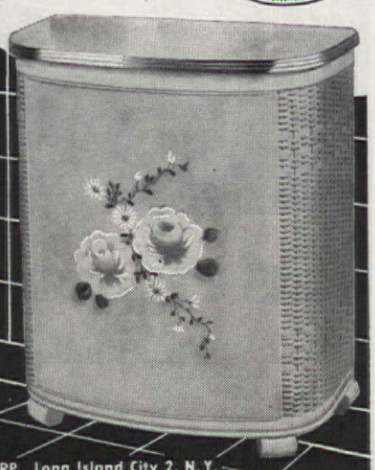

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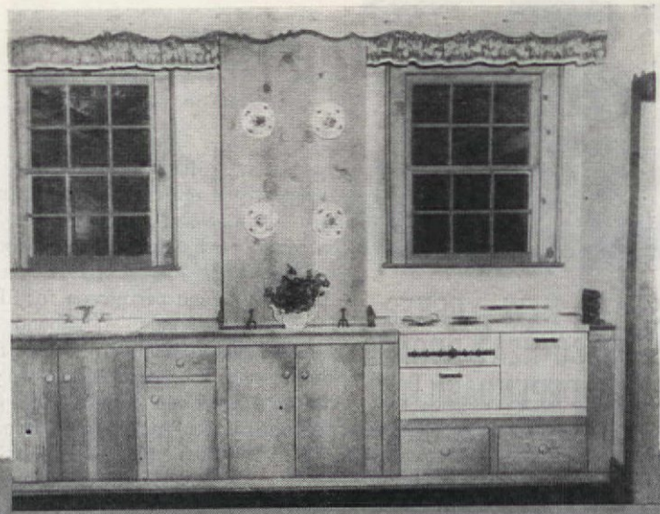

Kitchen from a Case of Measles!

S. O. Fisher Studio

VIOLET ALLEN

When our children Vicky and Larry came down with measles, it certainly never occurred to us that it would spread to the kitchen. Searching around for something to amuse these cranky patients, I suddenly thought of the downstairs rooms that were at the moment empty. They had been used to display and sell antiques which were now housed in a new shop in a corner of the yard. "Why not," I said brightly to myself, "have the children make a miniature model of the kind of kitchen we might someday want to make these rooms into." The idea not only successfully amused the children during their illness but also catapulted us right into the full-scale project of remodeling our kitchen.

Using a carton, we made a miniature duplicate of the room we could use for a kitchen. I'm sure I lost pounds trotting up and down the stairs measuring everything in sight. The scale of the model was planned one inch to one foot.

Then, as carefully as Napoleon ever planned a Grand Strategy, we started to plan our perfect kitchen. The stickler was the furnace chimney that projected into the room. We spent one entire afternoon figuring out how to disguise it—and disguise it we did to the extent that it adds to, rather than detracts from, our present kitchen. After we had plotted out the kitchen down to the last inch of drawer space, we really got carried away and decided to turn the

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A Case of Measles!

(Begins on page 84)

pantry into a breakfast room. How easy it was to do with just cardboard!

By the time our cardboard kitchen was completed we were so infatuated with it that wild horses couldn't have stopped us from making our miniature dream into a reality.

The children were fully recovered now, and we all plunged into the job. Larry and I tore out all the shelves in the pantry and patched the holes with plaster. My parents gave me a gift of three "twelve-light" windows. I had always wanted a pine kitchen and with these new windows it was possible. I certainly could never have scraped twelve or fifteen coats of paint off those old sashes.

A neighbor of ours, a first-class carpenter, put in our utility closet, moved the door over four inches, and then tore out the pantry wall to make our breakfast room opening.

We ran a counter clear across the chimney side of the room, camouflaged the offending chimney with pine, and put new pine trim on the window and door frames.

After the carpenter had built the framework for the two lower cabinets, my husband and his brother made the drawers and doors. Then my father and I gave both the kitchen and breakfast room three coats of white semi-gloss paint, tinted just a trifle with Williamsburg green, which sets off the natural pine beautifully.

Now I no longer just wash dishes, but gaze on the constant change of scenery outside the sink window. I think a law should be passed making it necessary to have windows both over the stove and the sink. It works miracles for one's disposition.

Living in the country without garbage disposal had always been a terrific headache, so we racked our brains for a way to solve it. I got the idea one night while rocking Vicky, who had a toothache. Why not a disposable bag for the garbage, and a chute from beneath the sink to the furnace room for cans?

My husband bought two sections of ordinary stovepipe, cut a hole in the floor beneath the sink, into which he fitted the pipe and then hinged a trap door over it. The cans shoot down the stovepipe into a cardboard box which my husband empties once a month. The burnable garbage goes into the furnace each night.

Off the kitchen door is our back porch where the children's tea-table is set for a perpetual tea party. We were going to build a drop table out here for ourselves, but our breakfast room is so pretty that we just haven't gotten around to it.

In the meantime I'm holding my breath hoping that the children don't come down with some illness of longer duration. Heavens knows what might happen to the rest of the house!

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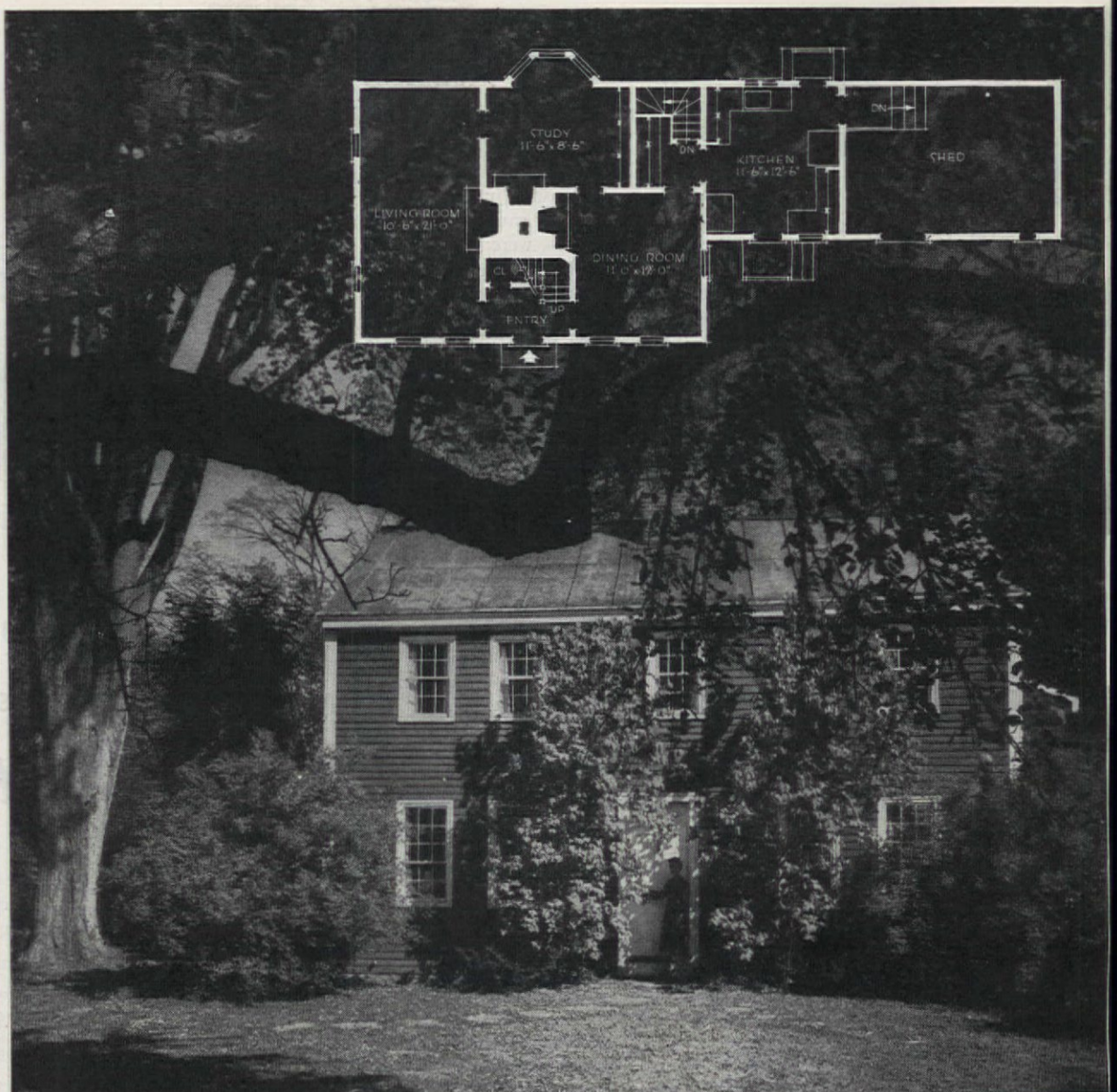


ARCHITECT-OWNER, PHILIP S. WADSWORTH, A.I.A.

150 Years Brought Up to Date

We hear many tales of how so-and-so took over an old house, secured it here and there, gave it a coat of bright paint, and came forth with a dazzling little prize. The only trouble is that old age shows up again within a short time, and it starts to fall apart once more.

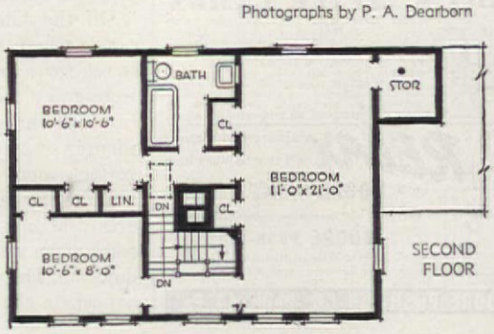
That won't happen in this case. The Philip S. Wadsworths of Portland, Maine, have restored almost completely this lovely old house built in 1801 and it will probably last another 150 years. The exterior walls and openings, the partitions around the stair and between pantry and kitchen are all that remain of the original house. Mr. Wadsworth, an architect, has put in new foundations, new sash, three new fireplaces and mantels, and many interior changes.

The original half-acre on which the house stood has had twelve acres added to it and Mr. Wadsworth plans extensive landscaping to round out the picture.

A good deal of color has been used in the interior, the study being painted olive-green with a red glaze, which was used throughout the original house. Bookcase backs are a pure vermilion. The dining room is done in a fairly deep blue which emphasizes its timeless beauty, and the living room is soft gray with a dark green wallpaper.

The Wadsworths have been most faithful in their restoration, but Mr. Wadsworth, being an architect, naturally has plans for the future. These include a good deal of glass, enlarging of rooms, an additional bathroom, and many other improvements which home-owners dream about, plan, and eventually obtain.

Photographs by P. A. Dearborn

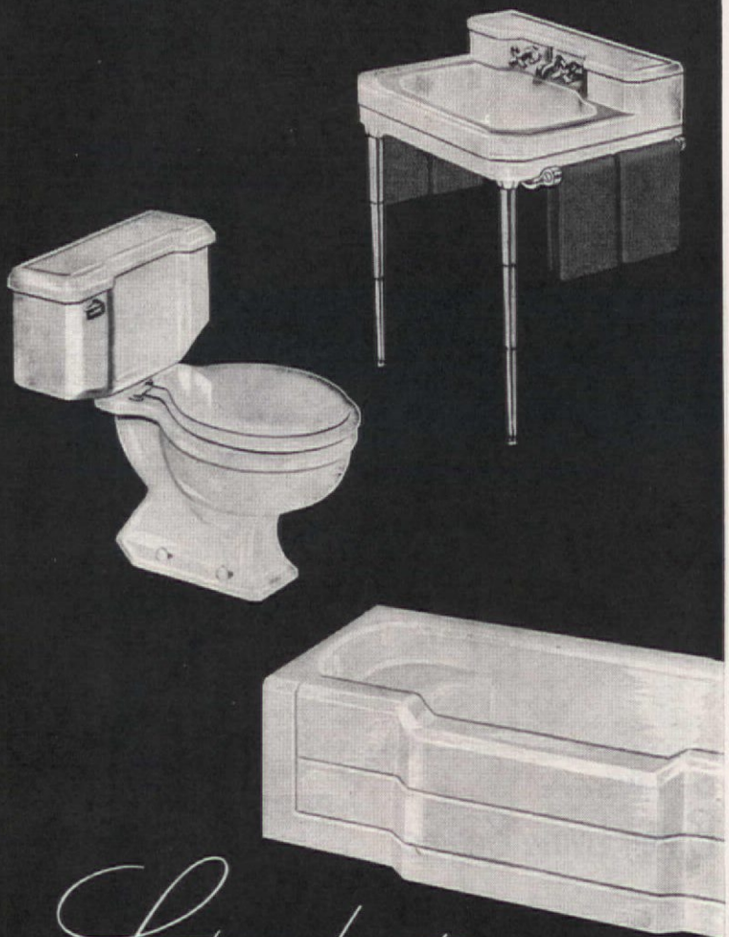


Everything in the Wadsworth home fits well into the architectural theme. Old-fashioned and comfortable, bright colors have been used with discrimination, dark green wallpaper in background

Study is painted in olive green, original color used 150 years ago. Backs of bookcases are painted a brilliant vermilion for contrast. Three downstairs rooms have fireplaces, built by the new owner

Dining room, to the right of entrance, brings back the last century with its provincial wallpaper, fireplace, reminiscent of the days when the family spent many hours in the gathering room

ELJER



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ROBERT WORTH

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3 Apply the plaster with an upward stroke of a spatula or putty knife, and remove excess. Dip the spatula o putty knife in water and smooth out any roughness

4 For hairline cracks, add water so patching plaster is thin as paint. Brush the thinned plaster well into the cracks. Clean off excess with spatula or knife

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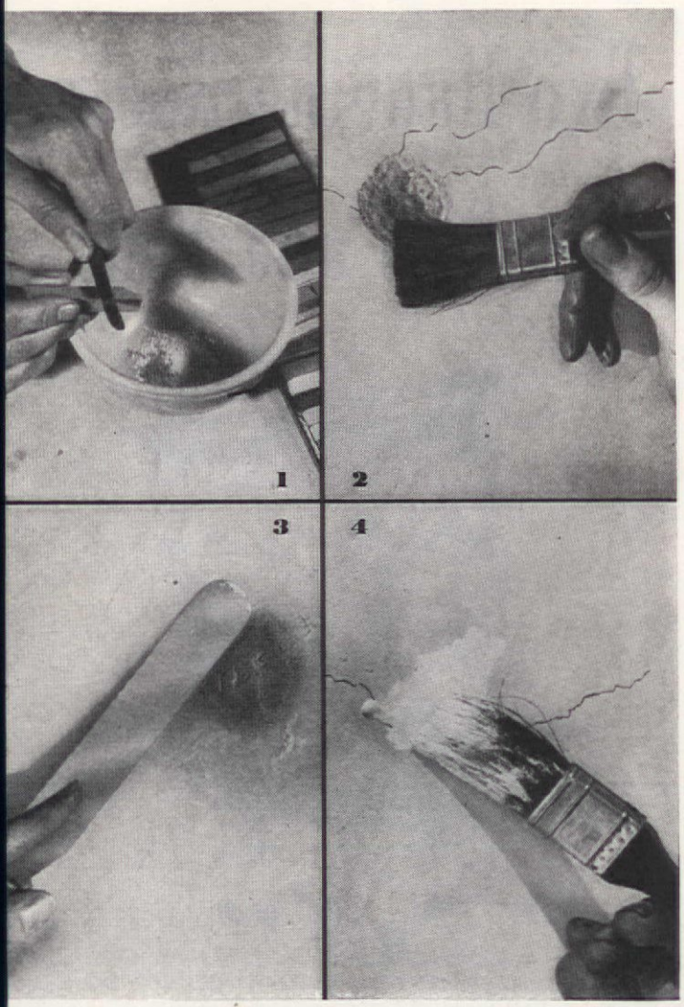

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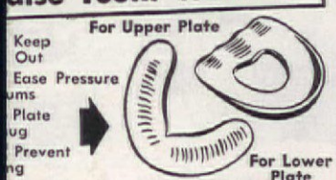

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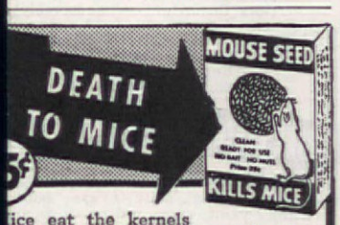

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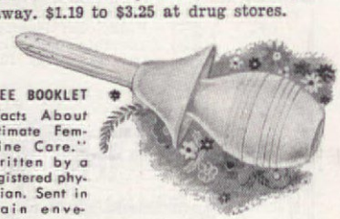

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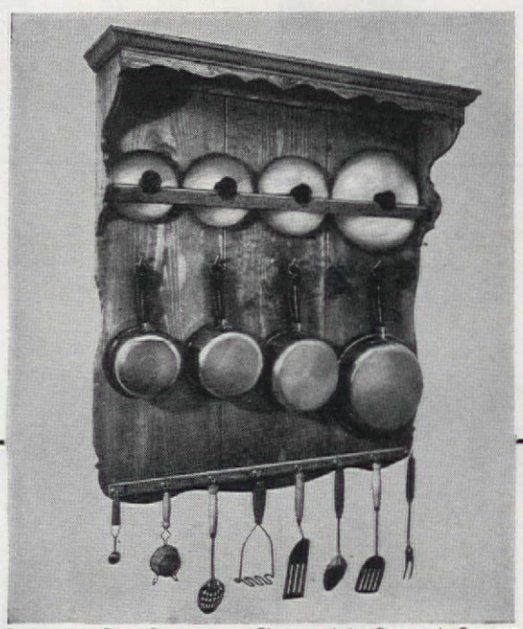

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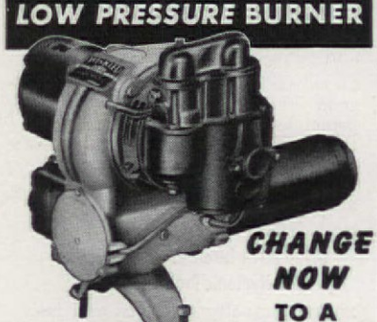

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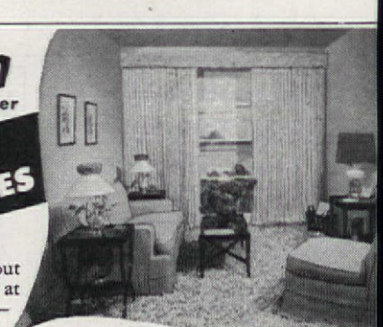

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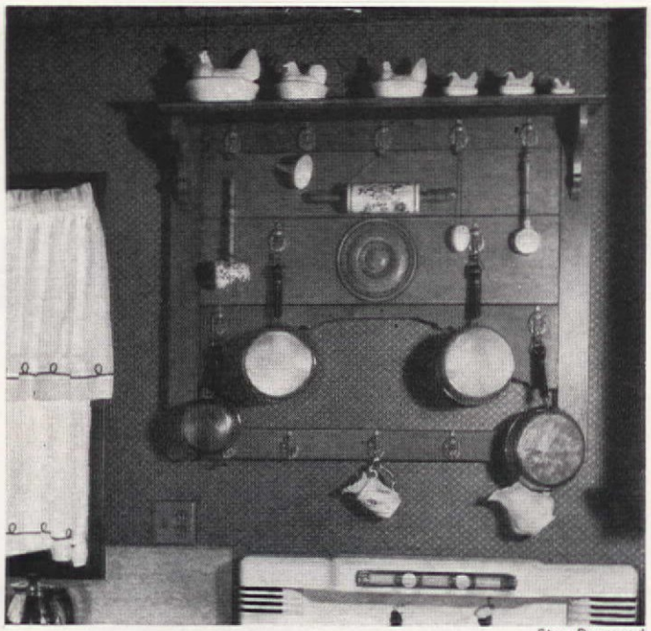

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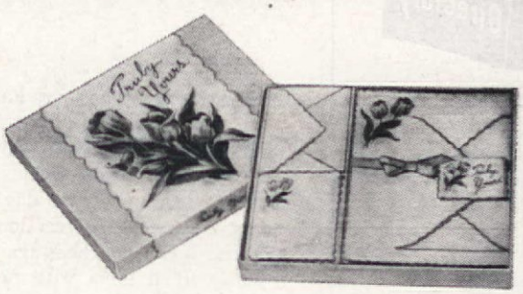

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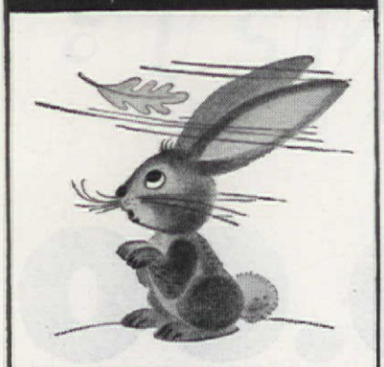

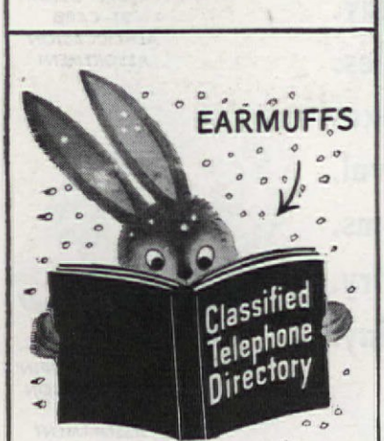

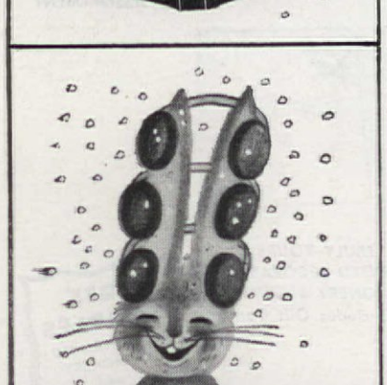

To find the products you need-use the YELLOW PAGES OF YOUR TELEPHONE DIRECTORY

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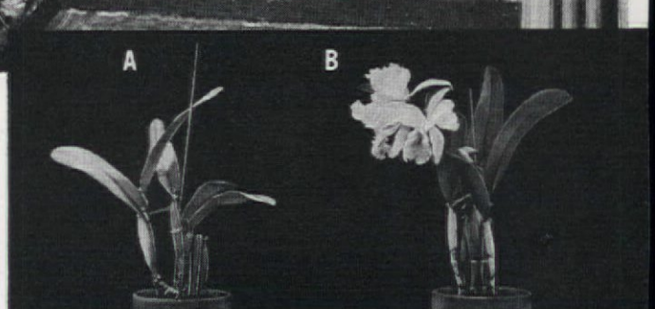


Courtesy, General Electric Co.

Once-dim front hall with plants that have thrived for two years under 4 20-watt fluorescent lamps. Right, orchid A, no supplemental light; B, 5 weeks of 135-footcandle intensity. Calceolaria B got 30 days of 4 hours added light, bloomed 42 days before A

More Light on House Plants

MARION LOWNDES

The woman who loves house plants cleared the furniture out of her front hall. It was a nondescript little catch-all with one shuttered window opening into a sunken driveway, where no sunshine ever penetrated, and little daylight. Then she had two zinc trays built, 6 feet long, 18 inches wide, and 4 inches high, put them against two of the walls, and partly filled them with pebbles and water. Instead of the new overhead lighting fixture she had planned to buy, she installed four soft, white, 40-watt fluorescent lamps. Then she arranged in the trays a collection of plants in pots and tubs—bamboos, fringed Amazon palms, a satiny young banana tree, as shown in the picture above. In the autumn twilight homeward-bound neighbors saw through the slats of the blind the resulting incredible, radiant jungle. "But, of course," they said, "it won't last. They get no sunlight there, and hardly any daylight. You can't expect to grow plants like that."

Why not? True, plants need light to live. For only an extremely small part of the material from which they are made comes from the soil; by far the greater part is taken from the air as carbon dioxide and turned into plant tissue through the action of light. But that light does not have to be daylight—that's where the neighbors were mistaken.

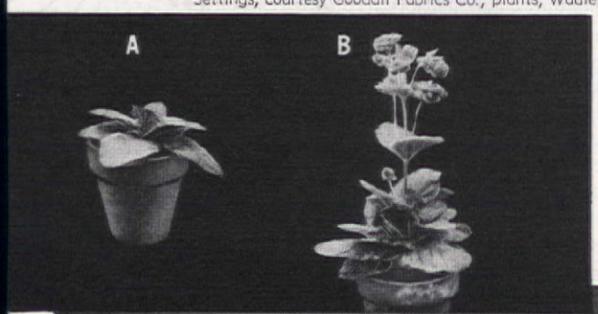
An experiment at the Boyce Thompson Institute for Plant Research in Yonkers, N. Y., demonstrates the power for good there is in artificial light. In a basement laboratory, a geranium and a Boston Yellow daisy have been growing for more than a year in what would be pitch darkness except for an overhead electric light. Growing? They have developed new leaves and even blossomed, living on light from an electric wire! Of course, such light is no match for natural light in quality and intensity, but its "staying powers" are unlimited, and this is of vital importance. In the case of the plants in the hall, the lamps supply illumination to the extent of only 50 footcandles as compared with the 10,000-footcandle strength of noon sunlight in summer. (A footcandle is a unit of illumination—that given by 1 candle 1 foot away.) But, being kept on all day and part of the night, they provide 14 hours or more of light each day, which is more than the plants could expect in their native equatorial, jungle habitat.

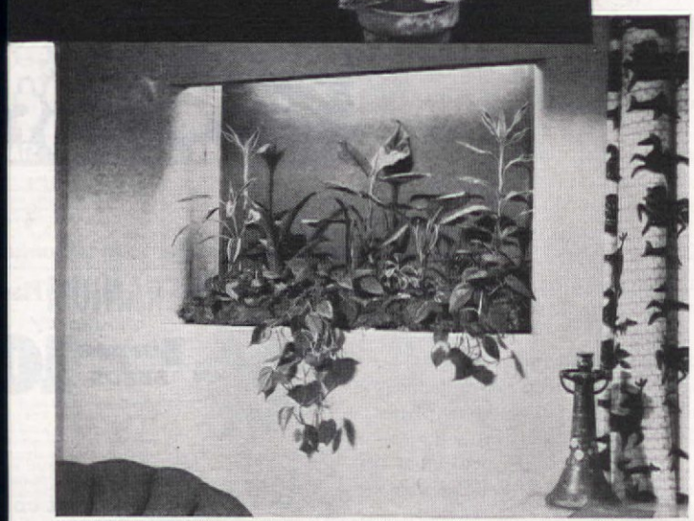
Under ordinary conditions, house plants need more than the daylight and sunlight they get. In a natural environment, they would enjoy a "light day" of 14 to 18 hours. But, according to the Farmer's Almanac, on December 21 in the latitude of New York City, the sun rises about 7 a.m. and sets at 4:15 p.m.,

Three foliage plant arrangements made possible, despite lack of daylight, by supplemental lighting. Top, spotlighted corner in author's home. Below, niche with back painted black, and corner ledge, both with overhead flood lighting, and assorted ivies, philodendrons, crotons, avocado, etc.

Photographs by F. M. Demarest

Settings, courtesy Goodall Fabrics Co.; plants, Wadley & Smythe





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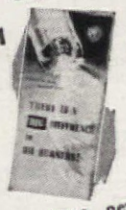

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EMLONG'S Box 131 Stevensville, Michigan

More Light

(Begins on page 92)

which leaves the plants from 5 to 9 hours short. What they want is not so much *brighter* light, as *more* light. When their winter ration of light is cut to nine hours or so, they fail to thrive. That is when artificial light comes to the rescue by building up their light supply to the required 14 or more hours. Perhaps you can adapt your general-purpose lighting to do the work. But most rooms are not as well lit as they should be, so plants will generally need some special illumination of their own. Three 60-watt bulbs concealed under a valance enabled a lot of African-violets to bloom freely in a plant box in a library window. A Boston fern flourishes and cascades from a big pot in the kindly light of a 50-footcandle spotlight on top of a nearby bookcase.

One investigator exposed a plant of California goldfields (Baeria) to 10 hours of illumination, about what the North gets in early November. It grew, but refused to bloom until the light was stepped up to more than 10 hours; then, whether the light was weak or strong, it flowered.

The most practical light for encouraging house plants in the home is that of the ordinary 60- to 250-watt incandescent bulb, and the fluorescent tube. Reflectors of any sort greatly increase the efficiency of the light source. But to be effective, supplemental lighting should continue or lengthen the natural daylight; applied for a few hours in the middle of the night, it does not seem to produce comparable effects. For once, the best way is the easiest—simply illuminate your plants when you light the room for the evening hours. You can also use electric light on cloudy days to make up for starvation rations of natural light; for this, an intensity of 50 to 100 footcandles is suitable. Thus, by using electricity and imagination, you can have your plants wherever they look best instead of always in the one sunny window—where they soon turn their backs on you to look outdoors.

In one room I know of, a center of interest has been made of an illuminated mirror panel with a border and side trellises covered with ivy and nasturtiums which flower brilliantly in a 14-hour-day combination of natural daylight plus 150 watts. In a dining room, old-fashioned black iron lamp brackets attached to the white plaster wall hold pots of carmine and dark blue gloxinias and trailing philodendron. Light streams down on them from two 100-watt bulbs under simple, white, tin reflector shades 30 inches above, emphasizing the lovely colors and interesting forms. The 100 footcandles of energy keep them triumphantly alive.

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rill send you the start of 4 dif- nt colored African Violets with my special Gladiolus bargain. Shortly r the Glads stop blooming outdoors, Violets will bloom indoors. 50 blooming size Gladiolus, guaranteed to bloom first year, a mix he most beautiful varieties and color. These Bulbs, not little Bulblets. 50 or $1, 100 for 5, plus start of 4 Violets. Cash orders pre- . You pay postal charges on C.O.D. orders. urn at once if not pleased. Order from $1
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All high quality popular varieties, once transplanted. Real bargains. Also Roses, Shrubs, Shade Trees, Fruit Trees. Write today for **FREE Color Catalog.**
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northern-grown varieties; will m this year; other shrubs, plants. **FREE CATALOG**
HELIN'S NURSERY, Box W 1. Bridgman, Mich.

More Light

(Begins on page 92)

not only to insure good growth, but also to influence flowering habit. While extra hours of daylight stimulate some plants, they hold others back. When chrysanthemums, for instance, are given longer days by means of artificial light, bud development is retarded and the blooms are delayed. On the other hand, the same treatment hastens the blossoming of summer-flowering annuals.

Among the plants found by the General Electric Company's Engineering Division to do well with supplemental artificial lighting are the following: *Flowering Plants:*—African-violet, begonia, cacti, calceolaria, calla, genista, geranium, gloxinia, hyacinth, periwinkle, phlox, salvia, snapdragon, tulip. (However, bulbous plants, like tulips and hyacinths, must be started in a cold, dark place and brought into the light—natural or artificial—only after about two months, when the green tips project half an inch or so above the soil.) *Foliage Plants:*—Anthericum, Asparagus plumosus and A. sprengeri, babystears, Boston ivy, Crassula (jade-plant), creeping fig, Dieffenbachia, dracena, hollyfern, English ivy, Echeveria, Kalanchoe, palms, Peperomia, Philodendron, rubber plant, Sansevieria, screw-pine (Pandanus), silk-oak, St. Bernard-lily, wandering-jew.

Of course, supplemental lighting does not solve other difficulties that house plants face. It will not offset the effect of a room that is too hot; most house plants do best at a day temperature of about 65° F. with a drop of 10 degrees or so at night. The very dry air in many steam-heated rooms, and constantly wet soil and roots caused by overwatering are common problems, but easily controllable. Assuming that temperature, atmospheric humidity, and water supply are properly handled, electric light gives the indoor gardener what the G. E. floricultural research workers call, "a new and efficient tool." And there is still time this winter for you to experiment with it. Consult your electrician or nearest light and power company for advice and ideas. If you know a photographer, borrow his light meter to see what degree of illumination you can provide with your present lighting arrangement. Set up a display of plants in an alcove or out-of-the-way corner or in front of a mirror, and throw a spotlight on it or install a fluorescent fixture above it. Brighten a dull spot with an illuminated plant stand. Whatever you do, you can count on having better, healthier plants and more flowers if you give them more light and longer days.

BROTHERHOOD WEEK
SPONSORED BY THE NATIONAL CONFERENCE OF CHRISTIANS AND JEWS
FEBRUARY 18th TO 25th

Considering a Power Lawn Mower?

Let's say that for many good reasons you have decided you'd like to save time and conserve energy with a power lawn mower.

Look what you get in a Pennsylvania:

3 Fundamentals of Pennsylvania Power Mowers are *1* • grass-cutting ability, *2* • long life and efficiency, *3* • ease of servicing.

Grass-Cutting Ability. Pennsylvania mowers today are cutting grass smoothly after 20—30—50 years' service. Full-tempered, double-ground blades stay sharp. Cutting cylinder mounted on lifetime ball bearings.

Efficiency—Long Life. Even youngsters like Pennsylvania's easy operation. Powerful Briggs & Stratton engine. Fingertip control of throttle and clutch. Professional gardeners, who pack 10 years of home owner use into one—prefer Pennsylvania Mowers.

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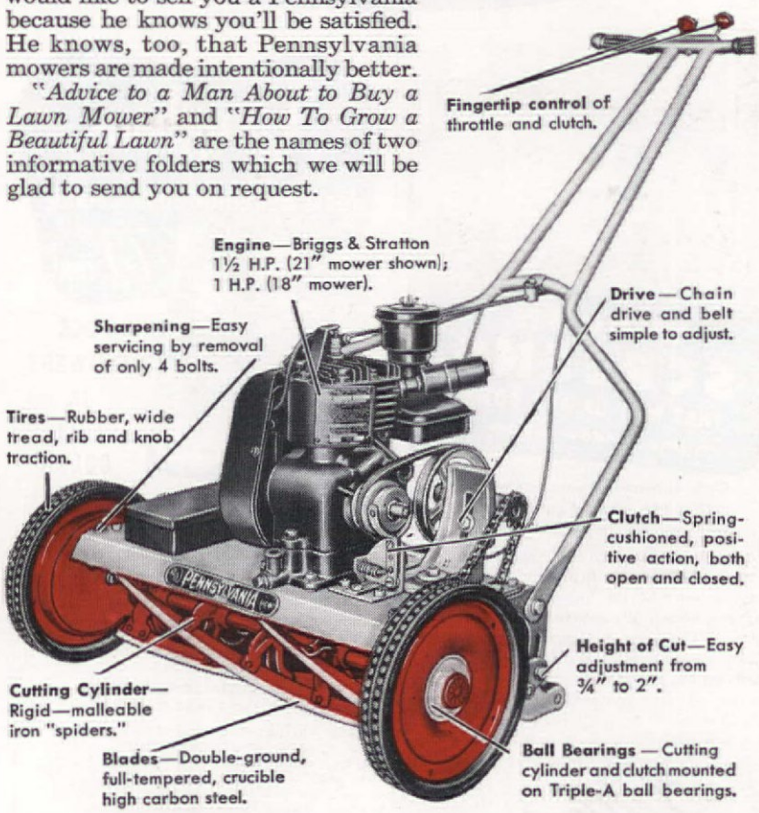
Quality Dealers Like Pennsylvania. Your better neighborhood dealer would like to sell you a Pennsylvania because he knows you'll be satisfied. He knows, too, that Pennsylvania mowers are made intentionally better.

"*Advice to a Man About to Buy a Lawn Mower*" and "*How To Grow a Beautiful Lawn*" are the names of two informative folders which we will be glad to send you on request.



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NEW CASTLE PENNSYLVANIA

THE FINEST IN CONTEMPORARY **PLUMBING FIXTURES**

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Once in place—always in place. No putting up... No taking down... No painting...No storing...No repairing.

PELLA ROLSCREENS are easily installed on your present windows. No fitting or cutting necessary. A touch of the finger and ROLSCREENS *roll up* automatically onto hidden rollers. Inconspicuous. They improve appearance of your home. Make rooms lighter. Keep windows and draperies cleaner. Insect tight. Made of rust-resisting, clear-vision, AluminA wire cloth. 10-YEAR GUARANTEE. Over 2,000,000 in use. Send for interesting FREE Booklet containing easy directions for measuring. Use handy coupon below.

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265 FLOWERS IN FULL COLOR

Since 1876 we have supplied the finest seeds, bulbs and plants produced throughout the world. Vaughan's has only one grade, the highest.

The 75th issue of "Vaughan's Gardening Illustrated" has hundreds of color plates; thousands of flower and vegetable varieties; and the latest discoveries in garden foods, chemicals and gadgets. Valuable information and instruction.

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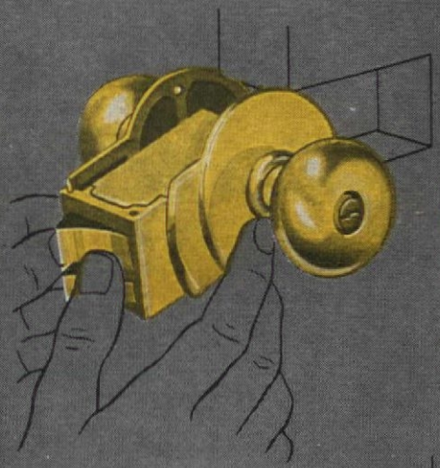
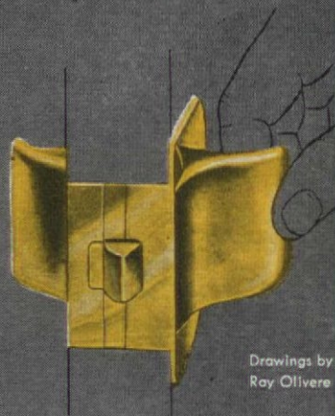
Try your hand at these

Dramatically handsome, the Astra entrance doorknob set with its 7-inch star is made by Schlage Lock Co., Bayshore Blvd., San Francisco. Prices, as with most hardware sets, are best obtained from a dealer because of a wide choice in finish and lock details



Just two saw cuts needed to install the attractive Unit Locks made by P. F. Corbin, New Britain, Conn. They can be simple latches and push button locks, as well as this key-in-knob outside door design

Modern streamlined styling makes this Push-Pull latch really distinctive. It's made by Parlyn Ltd., 707 South Broadway, Los Angeles, Calif., with or without trip locks. For exterior doors it is used in conjunction with standard cylinder dead locks



Drawings by Ray Ollivere

Clever designs such as these door pulls in the shape of keys are grand for doors that require no latch. This key model is available for about $3.60 a pair from Oliver Eldridge Co., Merchandise Mart, Chicago, Illinois

Another striking entrance doorknob set by Schlage Lock Co. is their Pantheon design, with an 8-inch escutcheon and a 3-inch knob. Placed back from the door edge with a Schlage "long backset" it is truly a decorative feature

NEW DELCO-HEAT UNIT CUTS FUEL COSTS FOR EW JERSEY HOME OWNER

Mr. W. R. Wheeler of Hackensack, N. J. has dependable comfort in his Delco-Heated home. And here's why: "My Delco-Heat Conditionair performs perfectly," says Mr. Wheeler, "and it uses much less oil than my old burner. It has now been in operation for a full heating season, and its economy is astonishing."

Join the thousands of Delco-Heat users—like Mr. Wheeler—who know that General Motors builds the *best*, and that Delco-Heat units are installed by heating experts. Henry J. Grabe & Co., Inc., of Hackensack, made Mr. Wheeler's installation.

Delco-Heat Conditionair —with exclusive "Roto-power" Oil Burner—automatically heats, cleans, humidifies and circulates the air in your home. For automatic heat with any type of fuel, see your nearest Delco-Heat Retail Distributor.

FREE—Write for literature on Delco-Heat Oil Conditionairs. Address Dept. AH-31, Delco Appliance Division, General Motors Corp., Rochester 1, New York.

Read what other Delco-Heat users have to say—see pages 83, 104.

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Save 30% to 40% on Your New Home.. Act Now!

on't pay several hundred dollars more than ecessary when you build a home! Buy direct om our mill at our low factory price. We ship u the lumber cut-to-fit, ready to erect. Paint, ass, hardware, nails, etc., all included in the ice—no extra charges. Plans furnished—also mplete building instructions. No wonder our stomers write us that we saved them 30% to %. Easy terms—monthly payments.

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Pictures wonderful homes in colors at money-saving prices. Designs to suit everyone. Send 25¢ for catalogue today.

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WIZARDS WITH WOOD

ite for Leaflets "A": UNITED STATES PLYWOOD CORP., N.Y. 18

Try Your Hand

(Begins on page 96)

For the closet that needs no lock, there's the Dexter closet latch with one knob and a spring bolt. Costly mechanisms are eliminated. It is made by the National Brass Co., Grand Rapids, Mich., Price about $1.70

The 7½-inch Fitzroy knocker, made by P. F. Corbin, is part of one of several excellent sets of entrance hardware designed for homes in the English architectural style

For homes in the Pennsylvania-farm and other Colonial styles, P. F. Corbin has a number of authentic entrance hardware designs such as the Stockbridge, of which this knocker is a part

Thousands of Home Owners Have Put Their Seal of Approval on BASE-RAY Radiant Baseboards

Here's Why!

Because BASE-RAY:*

• provides *ideal* radiant comfort • provides decorative advantages not found in other heating methods • stops cold air infiltration through walls and windows • gives the most even type of heating known • is *fully water backed*—that means steady, radiant heat • is made of sturdy cast iron—gives lifetime service • is easily installed in new or modernization jobs.

Get the whole thrilling story—find out how BASE-RAY can make your home a happier place to live. Send for illustrated 6-page folder giving full details. MAIL COUPON NOW!

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"PIONEERS OF RADIANT BASEBOARD HEATING"
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Irvington, N. Y.
Send NEW folder telling how BASE-RAY Radiant Baseboards can add comfort and beauty to my home.
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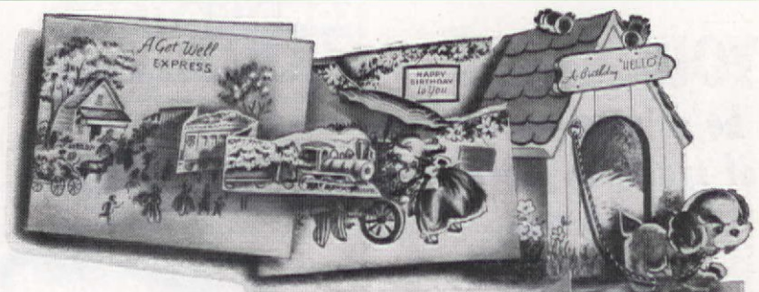

No Wonder Folks Make Good Money

In Their Spare Time... Without Taking A Job or Putting in Regular Hours... And WITHOUT EXPERIENCE!

HERE'S a *friendly way* to make a fine income, spare-time or full time. Show lovely Doehla Box Assortments of richly decorated, All-Occasion Greeting Cards, distinctive "Name-Imprinted" Stationery and Napkins, gay Gift Wrappings.

Many other Doehla items so *exceptionally* beautiful that your friends, neighbors, and co-workers will be delighted to give you big orders. NO EXPERIENCE NEEDED—our FREE BOOK shows you easy ways for *any beginner* to make money! You make up to 50¢ on each $1 box, even more on bonus orders. Mail coupon below—without money—for sample boxes on approval. No obligation. Send coupon NOW. HARRY DOEHLA Co., Studio A-12, Fitchburg, Mass. (If you live west of Rockies—mail coupon to Palo Alto, Calif.)

Guaranteed by Good Housekeeping

Makes Money —and Friends Too

"The cards were so attractive they sold on sight. Friends and co-workers were glad to examine cards, gave orders unhesitatingly. I'm making friends, aside from my regular duties."—Mary Pasciucco, Brooklyn, N. Y.

HARRY DOEHLA CO., Studio A-12, Fitchburg, Mass. (or Palo Alto, Calif.)
Please rush—for FREE TRIAL—sample boxes on approval *free* samples of stationery, napkins, money-making plan, extra-profit *cash* bonus offer. Also send FREE Book of easy ways for *anyone* to make money.

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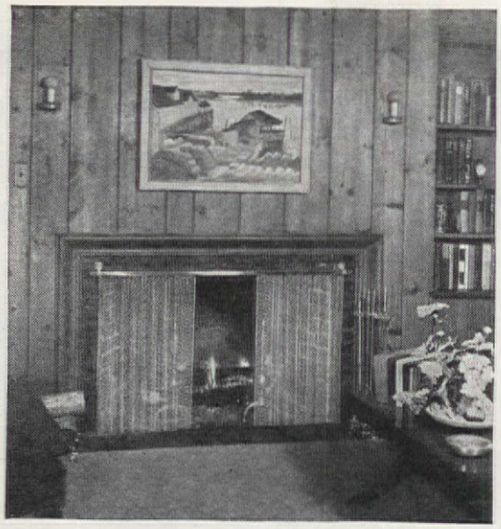
PLEASE TURN TO PAGE 98

BEAUTY on DUTY



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In a selection of beautifully styled attached types, or with movable frame. Insist on the Flexscreen label, backed by 20 years experience. At better stores everywhere. Write us for catalog at 251 Water Street.

Are You Building?

Write for details on the new Bennett Fireplace. Extra heat . . no smoke . . savings in construction.

BENNETT - IRELAND INC.

Chartered in 1906

NORWICH, NEW YORK

YOUR LAWN can be a beautiful carpet of sparkling green turf

READ Scotts LAWN CARE

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Do a little planning now with *Lawn Care* as your guide. Discover how beautiful *Scotts* lawns get that way. The "know-how" contained in each issue has shown folks from Maine to California the easiest and best way to get the lawn of their dreams. For your lawn's sake, send now for your FREE 2 year subscription to *Lawn Care*. Drop a card to . . .

O M Scott & SONS CO

41 Spring Street, Marysville, Ohio

also Palo Alto, California

COMBINATION FRUIT TREES

A complete orchard on one tree

Ideal for small space. Imagine 5 different varieties of apples on one tree, or sweet and sour cherries on the same tree. Also standard and bearing-age fruit trees. **FREE** catalog of nursery bargains. Write today.

ZILKE NURSERIES
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- 5 in 1 APPLE TREES
- 4 in 1 PEAR TREES
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5-HP GRAVELY Tractor offers 20 Tools to Save You Work!

Now . . . more time to *enjoy* your home —with less work! With the dependable Gravely Tractor, POWER does every lawn, garden and field job! . . . The Gravely is economical, convenient—a lifetime investment in better living.

All-gear drive, power reverse. Field tested—30 yrs. Only Gravely does so many jobs so well!

"Power vs Drudgery" tells you how to put POWER to work for you! Write today!

GRAVELY MOTOR PLOW & CULTIVATOR CO.
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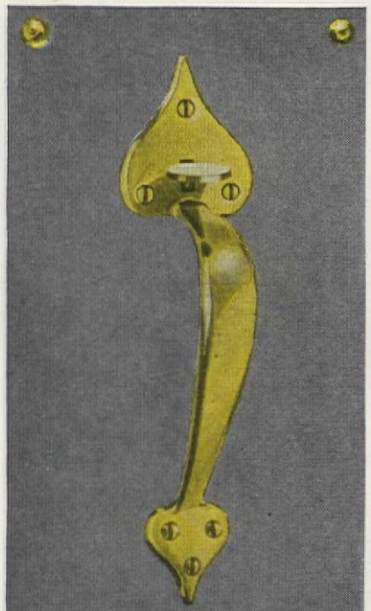
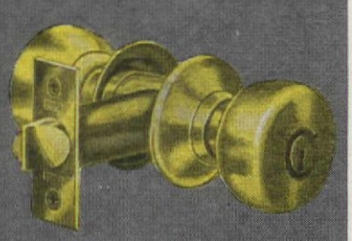
Try Your Hand

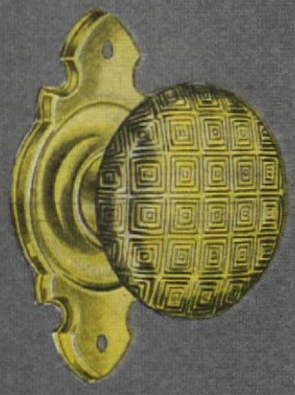
(Begins on page 96)



In P. F. Corbin's Provincetown design for entrance hardware, we see an example of the nice sets that are available in either brass or iron finish, well-suited to Cape Cod homes



Simple and trim of construction, design and installation, the Dualock, made by Sargent & Co., New Haven, Conn., is available in five different lock and latch combinations



An embossed mosaic of geometric design creates a delightful texture on the "rigidized" doorknob. It is made by The Yale & Towne Mfg. Co., Stamford, Conn., and retails for about $2.50 a pair without the latch

Orlyt GREENHOUSE $450

Now is the time to order that new greenhouse you've always wanted. Have fresh flowers in abundance and seedlings by the thousand to set out this spring. Orlyt is simple to put up, any time, anywhere. Sections go together with bolts and screws. $450 buys the 10 by 11 ft. Orlyt pictured ready to go on your foundation. Other greenhouses and lean-tos from $210. Automatic heat and ventilation available. *Ask for Booklet No. 42.*

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IRVINGTON N. Y. • DES PLAINES ILL.

Special-by-Mail HYACINTH GARDEN

Complete with vase, planted, ready to grow, special! $1

All you do is unwrap a add water! It's a wonderf idea. In just a few wee you will have a beautif fragrant colorful garc growing on your mantle table. You get 3 large s "living room" hyacin imported direct from t Netherlands. Complete w vase, planted ready to bloo GIVEN . . . a real surprise . . . an exotic fr grant Chinese Lily Bulb. 1 garden $1.00; 2 $1.75; 3 for $2.50. Cash orders prepaid. You p postal charges on C.O.D. orders. Return at o for full refund if not pleased. **Clip this.**

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Earliest Tomat

JUNG'S WAYAHEAD has big fruits ripe as early as July 4th. Re ular price 15c pkt. To introdu Jung's Quality Seeds we will se a trial pkt. of this Tomato, Tend core Carrot, All Cream Lettu Earliest Radishes also a large pkt.

Favorite Flowers

that will bloom from early summ until hard frosts, all for 10c; in Ca ada 25c. Our beautiful full co catalog of bargains in Seeds, Plan Shrubs, Hybrid Corn and Certif Seed Grain. Coupon for rare ALL Premiums in each catalog. FOR

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New, Hardy varieties, g colors. Bloom this ye Also Roses, Evergree Shade and Fruit Tre GUARANTEED QUA ITY. Write for FRE COLORED CATALOG.

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CONDON'S GIANT EVERBEARING TOMAT

Queen of the Market—Big Money Mak

Large Solid Red Fruit, Excellent C ner. Almost Seedless. To introd our Superior Seeds, Plants, Bul Roses, Perennials and Berries, we send 125 Seeds of Condon's Gi Everbearing Tomato & Big Catal Over 600 illustrations, 100 in col- FRE or. Low Prices. Send postal for Seed and Catalog. Dept. 17

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Gloxinia 2 BULB 25

Beautiful Pot Plants

Gorgeous, easy to grow house plants, 3" to 4" flowers, last for months. Exquisite mixed colors. Send only 25¢ for 2; 50¢ for 4: $1 for 8. Order now. Postpa with b Seed a Nurse Book FRE

R. H. SHUMWAY Seedsman, Dept. 321, Rockford,

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PLANT THIS SPRING 5 year old Giants bear full crop first year. Plant this spring. Also smaller sizes. Write for catalog, full line nursery stock. FRE COLO FOLD

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Quick, Low-Cost Beauty for Your Home

FLOWERING SHRUBS and TREE

Make life more pleasant; increase property value. Evergreens; Hedges. FRE CATA

STAHELIN'S NURSERY, Box W2, Bridgman, Mic

How to Make a Rug (Begins on page 50)

Always outline design first. If you do not use a frame, start in center of rug so burlap will be easier to handle. Fill in design, shading properly. Keep all loops same height

After all outlined designs are completed fill in background, going around individual designs, then filling in between. Treads are varicolored in hit-or-miss pattern. Runner has tricolor border on sides

762 Completed riser design shown as part of hooked stair runner made by Mrs. Anne B. Clark from our Pattern 762, 70¢. Riser with dates is not included in pattern. This is Mrs. Clark's own house

SEE PATTERN ORDER FORM ON PAGE 108

Ask the man who knows Water Heaters

—YOUR MASTER PLUMBER

"I prefer Heatmaster water heaters every time!"

That's the flat statement made by Master Plumber Clyde De Walt, 10119 Truman Road, Independence, Missouri. Mr. DeWalt adds: "Only the finest of materials and equipment can be used in the houses I plumb. Trouble-free, long-life water heaters are a must in my installations."

You can bank on the word of the man who *knows* water heaters—your Master Plumber. He can give you sound advice on the heater that's right for your home, your family needs, your budget.

And that's why so many plumbers recommend HEATMASTER, the fully automatic water heater designed and engineered by one of the world's largest boiler manufacturers. For HEATMASTER gives you plenty of hot water at the *lowest possible cost!*

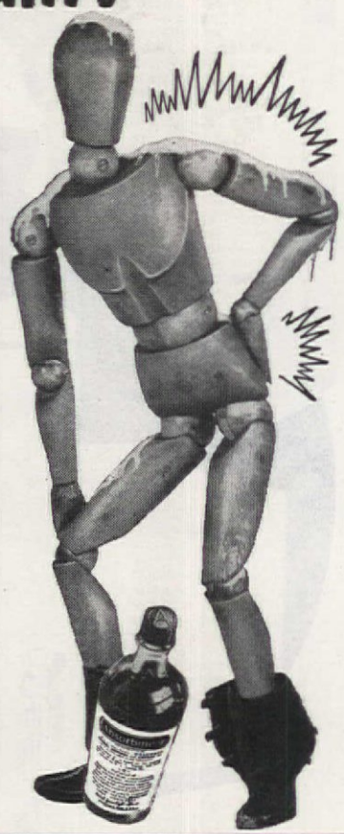
C-E HEATMASTERS are available in a wide range of sizes—Round Cabinet Electric Models from 20 to 100 gallons; Table Top Electric, 40 gallons; Round Cabinet Gas Models (Natural, Manufactured or Liquefied Petroleum), 20 to 75 gallons.

Ask your Master Plumber for the helpful folder, "Your Guide to Hot Water Enjoyment"—or write us.

Electric—Approved and listed by Underwriters' Laboratories, Inc.
Gas—Carries A. G. A. seal of approval.

C-E Heatmaster®
AUTOMATIC WATER HEATERS
Water Heater, Range Boiler & Soil Pipe Dept.
COMBUSTION ENGINEERING-SUPERHEATER, INC., P. O. Box 1749, Chattanooga 1, Tenn.

Cold weather RHEUMATIC pain?



• Why let cold weather mean agony for you? Thousands relieve that blinding rheumatic pain—*quickly, safely*—with Absorbine Jr.

You'll say there's nothing else like this famous soothing liniment for relieving rheumatic pain. It comes to your rescue *fast*—with two wonderful pain-chasing actions.

First, it warms and soothes those agonizing rheumatic places. Second, it counters the irritation that causes the pain with a grand, relaxing effect.

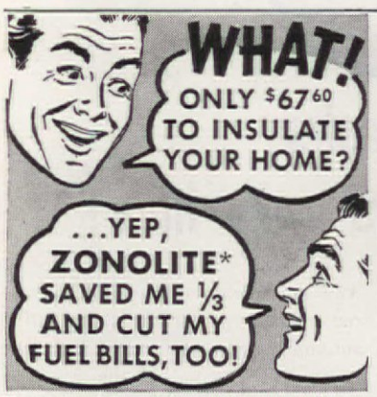
Be ready for the next time cold weather brings on rheumatic pain. Get Absorbine Jr. today. Only $1.25 a long-lasting bottle wherever drugs are sold.

W. F. Young, Inc., Springfield, Mass.

Get fast relief with

Absorbine Jr.

It feels so good!



If you've delayed insulating your home because of the expense, here's a way to insulate with genuine Zonolite* vermiculite for as little as $67.60.**

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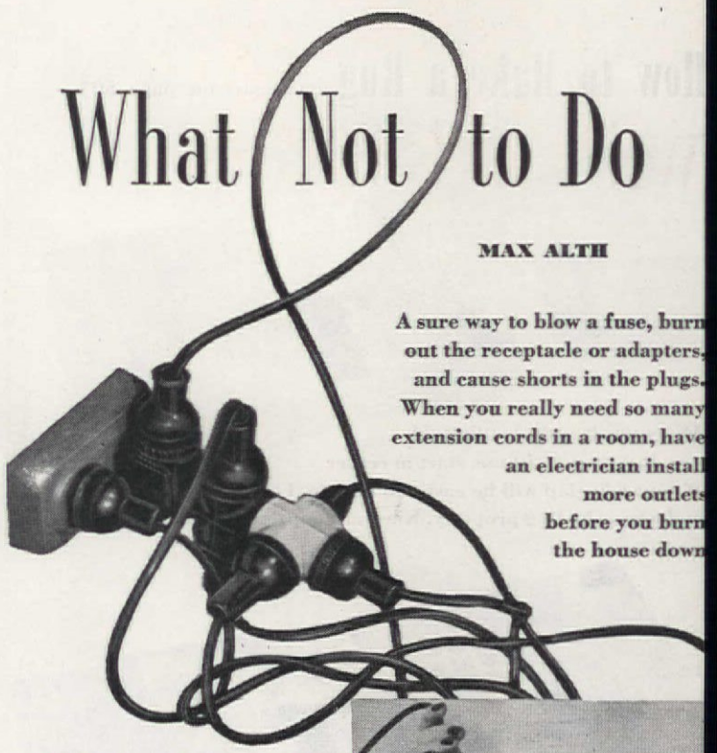
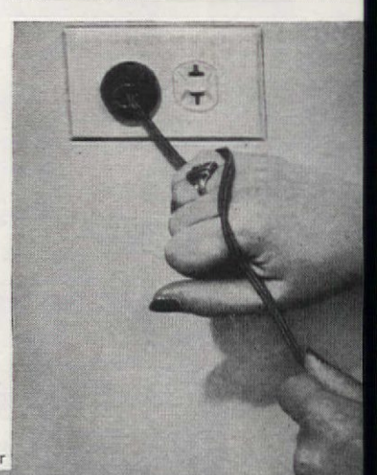
What Not to Do

MAX ALTH

A sure way to blow a fuse, burn out the receptacle or adapters, and cause shorts in the plugs. When you really need so many extension cords in a room, have an electrician install more outlets before you burn the house down

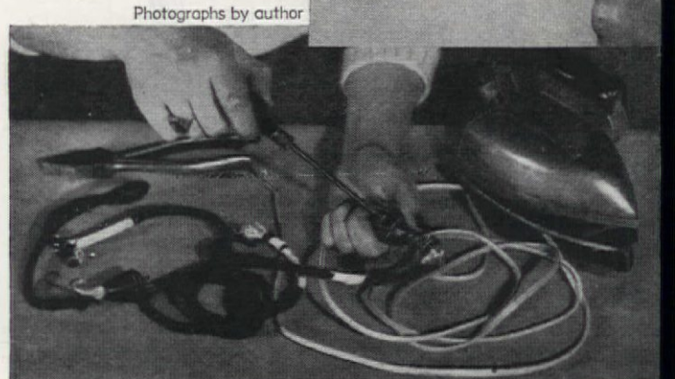


When the extension cord is too short, don't splice on more cord to make it longer. Connect another extension cord with a cap, male plug, to the tap, female plug, on the end of the live line. Better yet, get a cord that is long enough in one piece, or plug into a nearer receptacle. Best is to have another outlet installed near where you need it



Don't pull on the cord to disconnect the plug. Grasp the plug body, or you may break the cord connections, or bend and loosen the contact legs. And don't paint over receptacle plates. This can result in bad contacts in the outlet. Poor contacts from paint or loose legs may cause arcing, overheating, and burned-out receptacles

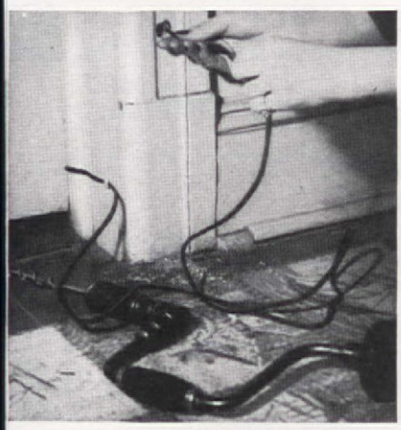
Photographs by author



Light cord will quickly overheat and short when used in appliance plugs for irons, toasters, and other heating equipment. Always use the heavy duty appliance cord which is lined with asbestos and designed for the purpose

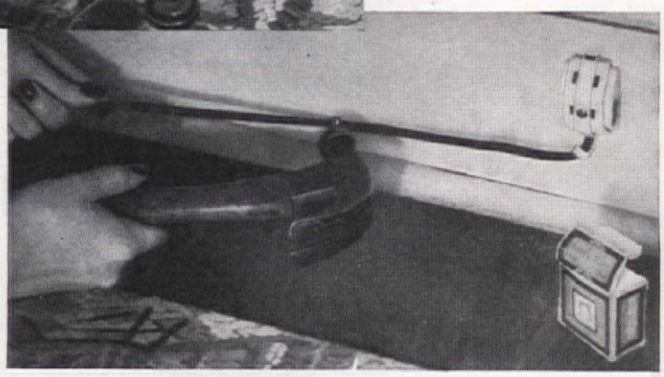
with Extension Cords

Oils and other ingredients of paint will harden the insulation of a cord and cause it to peel off and expose the bare wires when the cord has been bent a few times. The way this cord is used it will be pulled out of the receptacle occasionally. It won't be long before trouble develops at the bend, perhaps a fire or a shock



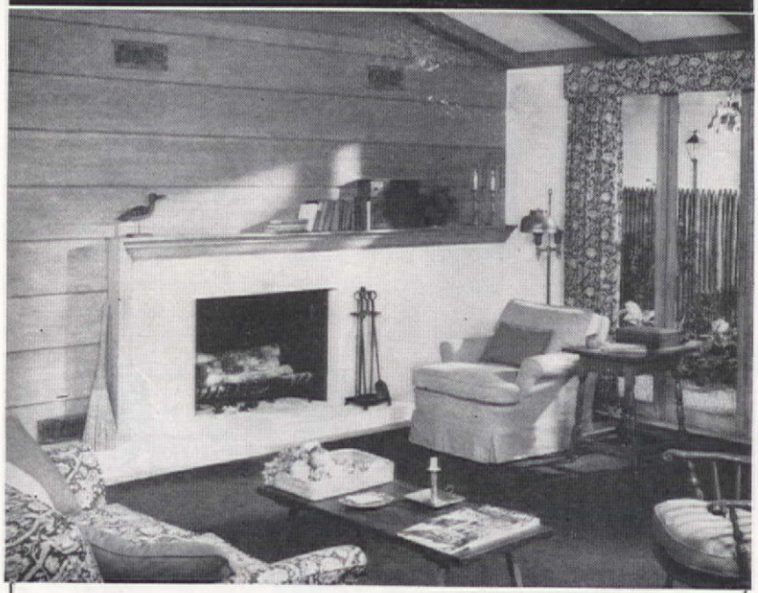
An extension cord run beneath or behind a door is subjected to abrasion for which it was not designed. The result is often a dangerous and hidden bare wire. Extension cords will also be damaged by rubbing on the sides of the hole when it is run through a wall. Get an electrician to do a real wiring job for an outlet in the next room

The rug may hide the cord, but it also conceals the danger from bare wires that result from the rubbing by the rug and the crushing of the insulation by the weight of traffic over it. Keep the extension cord out where it can be seen. Then you'll also eliminate the bare line that will inevitably be worn in the rug itself above the wire



Staples damage insulation, sometimes dangerously, and a chance kick on the wire or extension outlet may break the connections and expose live wires. Don't staple cords or screw extension outlets to the wall, floor, or baseboard

FIREPLACE CIRCULATES HEAT!



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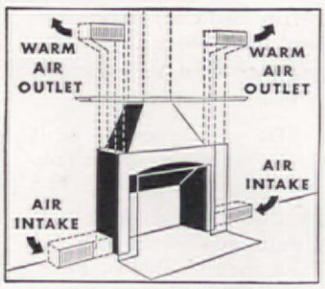

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The Heatilator unit is a scientifically designed, heavy-gauge steel form, complete from floor to flue, around which any style fireplace can easily be built. It assures correct construction, eliminates smoking. *Adds little to the cost of the completed fireplace.* Best of all it provides all the vital parts of the fireplace—saves cost of a separate damper, firebrick and masonry. Reduces time and labor on most jobs.

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A Heatilator Fireplace makes furnace fires unnecessary on cool Spring and Fall days, cuts weeks from the furnace season, dollars from fuel bills. Use it to supplement furnace heat during severe weather, or in case of fuel shortages or emergencies. In mild climates, it supplies all the heat needed by many homes.

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Passers-by Want It!

(Begins on page 38)

of a summer's day in Oklahoma. Mrs. McFarland, of McFarland Nurseries and Garden Shop did the planting for it.

Countless people have stopped, invaded the privacy of the Stickles, beseeched them to sell their house to them. We wish to be absolved of all blame for increasing the number who want to put the Stickles out of house and home—but we fear that many more than local passers-by will want it, now they've seen it!

Forecast House

(Begins on page 27)

suburbanites' tastes, and felt that provincial furnishings would give it warmth and friendliness. Set against deep, rich colors, they effectively prove her point. And her decision didn't mean a complete upheaval of architectural plans. Typical was the simple and practical switch from a stationary plant-box divider between living room and den to a louvered screen hinged to fold back against the wall when all the space is needed for large crowds. Architect Duncan liked it, liked many of her other suggestions. If only this partnership could happen to all little houses!

The strictly modern window wall in the living room was perhaps Mrs. Heuer's first big hurdle. A scalloped valance cutting across it sounds, on the face of it, unharmonious with modern design. You see it, outside and in, on our color spread. Works like a charm, doesn't it? Another scalloped valance was made to outline the recess which contains the generous sofa. In the dining room a pine hutch cupboard of provincial character was built into the recess originally intended for a contemporary piece of furniture. In the master bedroom, wide closet doors were eliminated, and in their place, narrow double louvered doors take less floor space when open.

A co-ordinated scheme unifies architecture and decorations. Mrs. Heuer feels that the whole is tied together through the use of the same basic colors throughout, and yet each room has been given an individuality through varying proportions in which these colors have been used. The clear white pine walls in living room and study have been treated with a dark brown pigmented stain. The chintz colors in furnishings and accessories are basically brown with accents of gold, rust, lime, and yellow. The color themes of dining room and kitchen are basically the same, with dark brown walls in the dining end and

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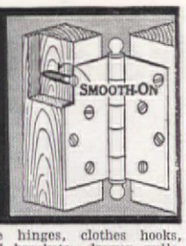

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Forecast House

(Begins on page 27)

informal plaid draperies of yellow, green, gold, and brown. Kitchen cabinets are dark brown with green interiors to blend with green fishermen's net curtains.

Black introduced as the background color in the master bedroom gives this small room great flair. Draperies are of the familiar brown on a white background, green is used for the pillows on brown bedspread. Brown and black, on a white ground spatter pattern, form both wall covering and draperies in bathroom. In the second bedroom black is used again, but this time the brown has been eliminated. Studio bed is covered in black felt, Steinberg's gay wallpaper is white with black trains. Accents are deep apricot and yellow. Outside its windows, walls repeat the same accent colors.

Space-utilizing details can be seen on plan. Think how much smaller the living room would appear if the oversized sofa were to jut out into the room. Closets tucked into otherwise waste space on back side of the fireplace, storage closets for tools at far end of the carport, to take a few, are good points. The Lions Club emblem represents progressiveness, accomplishment, and vision—forces that contribute to community betterment. Forecast House tangibly proves that the Highland Park Lions live up to it. When asked if they would repeat the project, Greene, the president, said, "You can't tell, the club may want to do it again. It was a lot of work, but I somehow feel that the boys in the club got to know one another much better, and feel good toward themselves for doing something good." The club not only fulfilled its $300 scholarship fund pledge, but with close to $2,000 profit on its sale, were able to buy new equipment for the local Boy Scout Troop and donate to the Hadley School for the Blind.

"When you add up all of the fun we had doing it, I would surely say that it was worth the effort and that the men would do it again," enthusiastically replies Verna Greene. Architect Duncan says he would jump at the chance. We feel sure Mrs. Heuer has not regretted her contribution and just as certain that THE AMERICAN HOME would co-operate in such a

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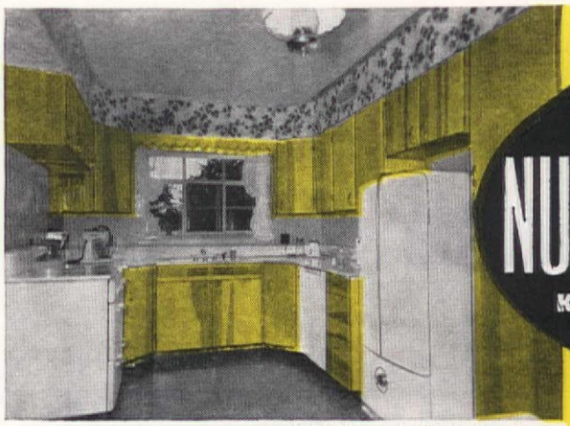

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(Begins on page 27)

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Best 10 Roses

(Begins on page 32)

Peace—1946	Rubaiyat—1947
Charlotte Armstrong—1941	Forty-niner—1949
Lowell Thomas—1944	Katherine T. Marshall—1944
Tallyho—1949	Mirandy—1945
Nocturne—1948	San Fernando—1948

It is significant that the American Rose Society selected for its 1950 Court of Honor four of the ten, scoring them as follows (out of a possible 10 points): Peace, 9.4; Tallyho, 8.3; Rubaiyat, 8.2; and Nocturne, 7.9.

The ten chosen for 1951 did *not* include the four All-America Selections for 1950, which were, instead, given continued ranking for a second year. They are: a Floribunda, Fashion, and three Hybrid Teas, Mission Bells, Capistrano, and Sutters Gold.

These All-America Selections, of course, do not attempt or profess to include or even consider every good rose available. Each year's crop of catalogues lists many other worthy ones. Nevertheless, the testing, scoring, and selection of these roses is a boon to rose growers; a guide to quality; a symbol of higher standards in commercial rose production and sale that make for greater rewards from roses grown in home gardens.

Short Cuts in Rose Growing

R. WALLACE TEED, M. D.

Growing roses can be fun. I say that at the outset because what follows may suggest a lot of work. However, it can, and indeed should, be spread over the season, so too much need not be done at any one time. During the 15 or more years that I have been enjoying roses, I have worked out certain short cuts that enable me to look after them in the limited spare time afforded me by a busy medical practice.

First, in planting. The books advise digging a bed three feet deep and burying fertilizer in the bottom. This may be best, but often one has only a few vacant spots in the rose garden to fill or wants to add a few plants at one end, making such a course difficult. I simply dig each hole about two feet deep, put 6 inches of fertilizer in the bottom, cover it with a few inches of soil, then plant the rose as usual. [*If Dr. Teed means manure, and if you can get it, O. K.; otherwise, 6 inches of loam, peat moss, or compost enriched with a good plant food will answer.*—EDITOR]

Next, as to protection against enemies. For fungi, I find dusting by far the quickest method and eminently satisfactory. If the temperature goes

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Strikingly veined and variegated—some spectacularly mottled. Gorgeous mixed colors; changing tones add new interest daily. They are unique as house plants; unequaled for brilliant color in shady garden spots. Start early.
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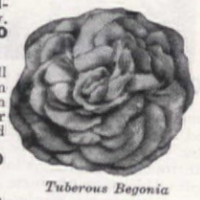

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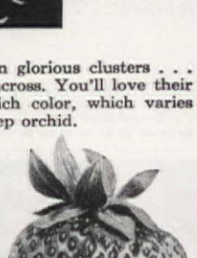

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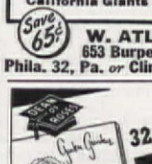

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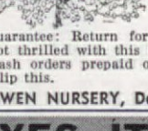

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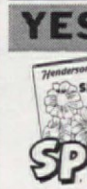

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Rose Growing

(Begins on page 105)

above 90°F., sulfur may burn the leaves and a copper spray would be better. For aphids, nicotine seems about the only effective control; also I spray nearby ant hills with it or DDT.

My third short cut involves mulching. For 10 years I have been using leaves (obtained from the City Department of Public Works) for winter protection. About the first week in December, when the ground is pretty well frozen, I cut the bushes to about 10 inches and cover them with leaves, which, by spring, will have settled to about 4 or 5 inches thick. About the middle or latter part of May, when the weather is definitely open, I pull the mulch away from each plant, letting the air reach the ground, and leave the remainder between the plants. It serves to keep the soil moist and also decomposes to form plant food. It has been objected that a mulch might harbor fungi that may attack the roses. However, with the dust or spray falling and mixing with the mulch, I have seen no more black spot than formerly. Also, earthworms thrive under the mulch and cultivate the soil for me. A mulch may be unattractive to some, but as the plants grow they hide it and make it less unsightly. If one can obtain rotted barnyard manure, it can be used alone or with leaves. Other good mulches are peat moss, ground corn cobs, sawdust.

With the fertilizer applied underground at planting time, it is necessary to apply plant food on the surface only once a year, usually in June. I find any good commercial fertilizer satisfactory, but if I can get an organic type, I like to use it.

My last short cut has to do with watering. For the successful use of fertilizer, water must be available to put it into solution. Overhead sprinkling has the disadvantage of promoting fungous diseases of the leaves unless dusting follows each sprinkling, and its use is necessarily discontinuous. So the porous soaker-type hose is ideal. I turn the water into it at low pressure and let it run night and day during the dry season. As a result, the soil is always moist, never "drowned," and I have had as many and as good roses in July and August as in June. I am convinced that adequate watering is 65 per cent of success in growing good roses, particularly in hot weather.

By following these time-saving practices I can easily care for 250 plants and have roses in my home and my office every day throughout the season. Cultivation and weeding are practically eliminated, and dusting never takes more than 10 minutes. Gathering the flowers is about the only operation that takes time after the spring work is done—but, to me, that's fun and reward, not work.

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12 Kinds of Lilacs (Begins on page 34)

any kind with thin blade and fine, sharp teeth will do. With a chisel, split it straight across, deep enough to take two scions cut with razor-sharp blade to a thin, wedge-shaped base a little thicker on one side than the other. Insert them at edges of cleft, withdraw screw driver leaving them gripped in the cleft, then cover with paraffin to keep the cut surfaces from drying.

As the color pictures show, Mr. Kirkland has light and dark lavenders, blues, and maroons, whites, and mixed shades on his plant; also both single and double forms. This, by the way, is not his only "multi-grafted" specimen but, as his first, it is probably his favorite, and certainly his best-known. He likes to swap grafting experiences and says he will be glad to hear from garden enthusiasts who have, or do start, a lilac (or other) family tree of their own.

3. Make two scions for each graft, cutting base to a slender wedge shape with one side (just below a bud) slightly thicker than the other. Collect scion sticks while dormant (in winter), about pencil size, and with 3 or 4 buds. Until needed, keep damp in cold place

4. Insert scions at sides of slit, thicker side out, so bud is just above stock. Incline outward slightly so inner bark of scions (called cambium layer) is in contact with that of stock and sides are smooth. Gently remove screw driver without disturbing graft

5. Finally coat whole graft (and ends of scions) with melted grafting-wax (or, as shown, paraffin), warm, but not hot. Fill center slit and cover top and sides to point below split. Avoid handling scions. Fasten a tag giving date and other details loosely to branch using soft copper wire

As season advances, growth of bud indicates success of operation. If both scions "take," cut off weaker one flush with stock. As wound heels, the remaining scion grows to form a new branch that will, in time, bear flowers (and fruits) of the selected variety

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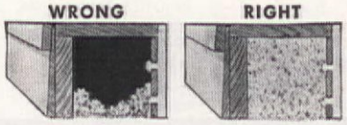

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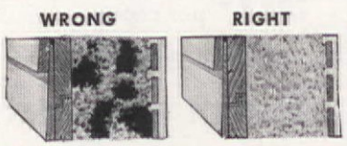

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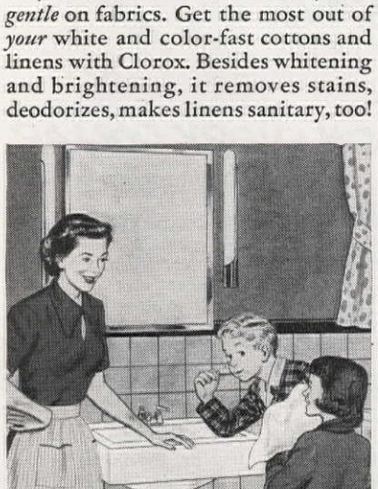

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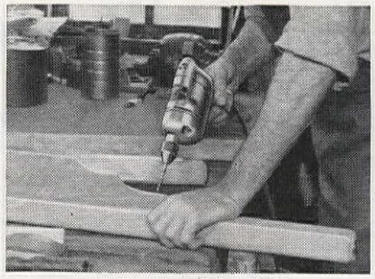

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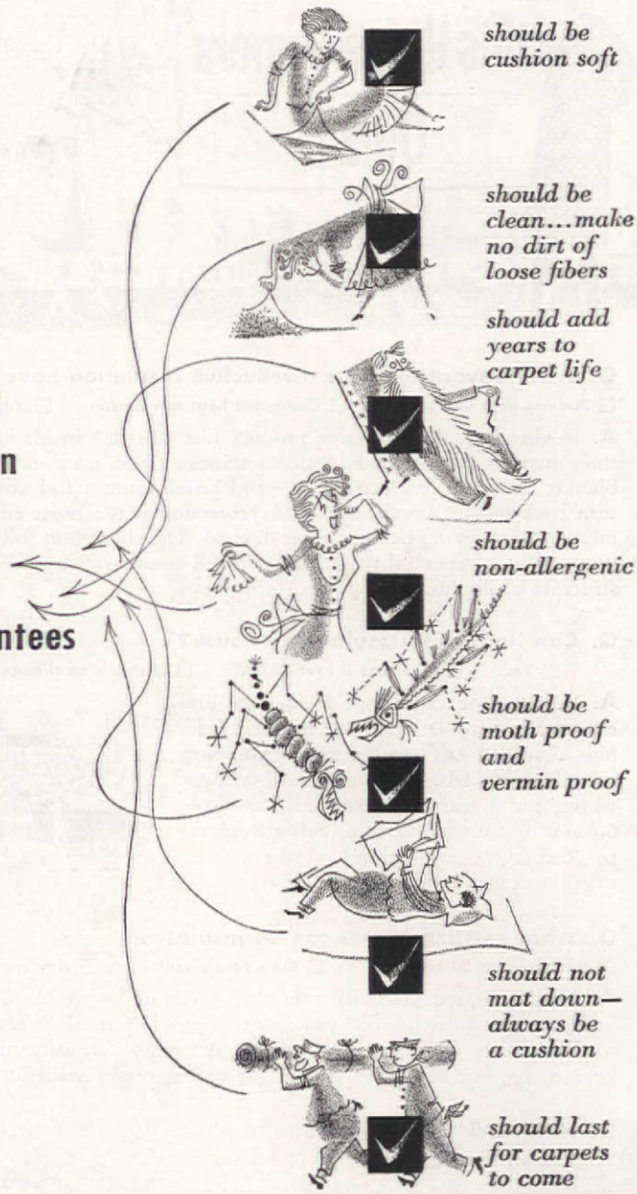

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THE SPONGE RUBBER PRODUCTS CO. 421 Derby Place, Shelton, Conn.

Q. What advantage does a reflective insulation have?

☐ Radiant heat loss barrier ☐ Convected heat loss barrier ☐ Vaporseal

A. In the case of a reflective product like KIMSUL* insulation, all three answers are correct. KIMSUL combines a thick, many-layer fiber blanket to resist convected heat—and an aluminum foil cover to turn back radiant heat. This *double* protection is the most effective method of stopping heat loss ever devised. The aluminum foil cover also acts as a vaporseal to prevent harmful condensation within the structure of the house.

Q. Can I afford to insulate my house?

☐ Yes ☐ If income is over $5,000 ☐ Depends on climate

A. Yes, anyone can afford to insulate his house. Most insulations can cut yearly fuel bills almost in half—so the money you pay initially is paid back through fuel savings within 2 to 4 years. To insulate the average 6-room house with KIMSUL (either Regular or Reflective) costs about $150—or less than the cost of a good easy chair.

Q. What existing homes can be insulated?

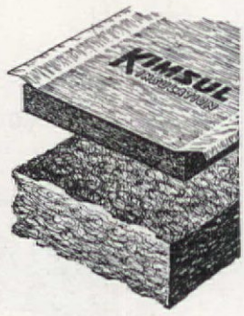
☐ Homes under 20 years old ☐ Only ranch houses ☐ Any type home

A. Any home, regardless of style or age, can be insulated. KIMSUL insulation provides lifetime protection in any climate. It is resistant to fire, vermin and mold, will not sag or settle. You can install it yourself or your dealer can arrange for professional installation.

Q. How thick should insulation be?

☐ 10 inches ☐ 2 inches ☐ 5 inches

A. Beyond 2 inches, building insulation cannot stop much additional heat loss. It is far more suitable to use a 2-inch thick blanket insulation that does not completely fill up the space. The air spaces thus created on both sides of the blanket form added barriers to heat loss—and also help prevent paint failure or rotting of wood due to condensation.



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REFLECTIVE KIMSUL—with aluminum foil vaporseal cover

*T. M. REG. U. S. PAT. OFF. & CAN.

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KIMBERLY-CLARK CORPORATION

KIMSUL Division, Neenah, Wisconsin

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☐ My present home
☐ The home I plan to build
☐ My school work

AH-251

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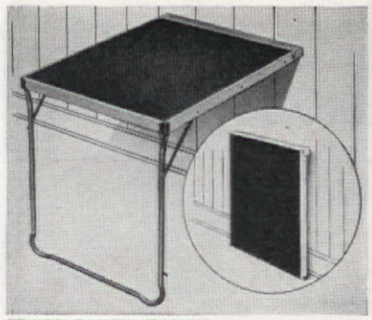
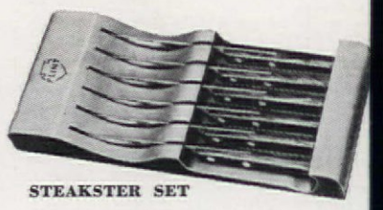
*City*_____ *Zone*_____ *State*_____



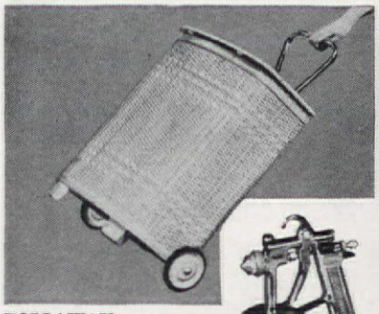
SPACE-SAVER TABLE

DIXIE-FRYER

HIDE-A-WAY



STEAKSTER SET



ROLLAWAY

COOKING COMFORTS

ENGINAIR SPRAY SET

ELECTRESTEEM VAPORIZE

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SPACE-SAVER TABLE mounts securely to wall or door. Good 24" x 30" sur face. Tubular aluminum leg frame makes it sturdy enough for a machine perfect for buffet. $10.95 and $14.95. Mell-Hoffman Mfg. Co., Chicago

HIDE-A-WAY night tray made to suspend from the bed rail. No carpentry work. Measuring 10½ x 6 x 1¼ inches, it holds all the sundries we con sider necessities. Price $1.25. Madlena Mfg. Co., Mount Morris, Illinois

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ELECTRESTEEM VAPORIZER. A safe automatic room humidifier and deodor izer has split-second vaporizing action for speedy relief from respirator ailments. $5.95–$6.95. Electric Steam Radiator Corp., Paris, Kentucky.

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