

How to Cut Dishwashing Time in Half • Apartment Furnished for $\$ 863.46$

## Kitchen for a working girl

$\mathrm{M}^{\circ}$ost kitchens seem to be planned for the woman who can be home most of
the day. I can't. My housekeeping has to be done in a hurry. I have to make every minute count. That's why I remodeled my kitchen the way I did.

Often, I can't spare the extra time that it takes to eat in the dining room. That's when I use my hideaway screen. It's a big venetian blind that drops down to shut away every sign of meal preparation. You'd never know you were eating in the kitchen. The hideaway screen is a lifesaver, too, on those rushed mornings when there just isn't time to make everything spick-andspan before I have to leave. No unexpected visitor catches me looking like a bad housekeeper who didn't wash the breakfast dishes.

When you have to live by the clock, every minute counts. That's why I planned everything within arm's reach. A set of file drawers gave me the idea for the way pots and pans, right next to the stove. You can see how I keep my chind for anything. I never have to dig how that helps me to You'd be surprised table in a hurry. In my old kitchen, I knew that cleaning was the biggest time thief. That's what I told Mr. McCarthy when I talked to him about a floor. "All right, then, here's what we'll be a-doin'," he said with that lovely Irish twinkle in his eye. "Armstrong's Linoleum goes on the floor, and we'll cove it right up the wall so there's no corner anywhere to catch dirt. Then, above that, goes Armstrong's Linowall. You can clean a kitchen like that in no time at all. Now what about color and design?"
"Oh, that isn't too important," I said.
"Now that's where you're wrong," he smiled. "If you're aimin' to make your work go fast, half the battle is bein' in the right go fast, haf the battane a pretty kitchen to
do that for you. Would ya be wantin' to just leave the whole thing to me? I gave Mr. McCarthy a fritor since I remodeled tainly glad I did. Every vistiful Armstrong Floor. has raved about my bea that they're impressed But the strange thing is that too. Even the girls with my other timesavers, who have plenty of time to spend They say that if I are stealing some of my ideas. So fast, why should can get my kitchen work done Two of them have they be wasting tready gone down to see Mr. McCarthy.

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your home is new or old, you your home is new or old, Sull-color illustrations. Slip 10c into an envelope right of full-color illustrations. Stip ( 40 coutside U.S.A.) and mail to the now for your copy ( 40 c outside
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When minutes count, you'll appreciate this kitchen with everythi Wranged to save time and steps. If yorything at the drop of a veneti letting the dishes go, you can hide evinoleum, created from Style N blind. The Armstrong's Marbene, is easy to clean, pretty to look 019 Coral and No. 039 Charcoal, Another timesaver is Armstrong list of furnishings and room pla No. 705 Peach. Write us for free list of furnishings and room pla


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Radiant, rich red roses-nature's hint that winter has blown his last cold good-by kiss, and summer's come to call. Photograph by Gillis King

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## AMAZING NEW AUTOMATIC PERMUTIT WATER SOFTENER




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To find out more about this important home feature, call your local Bell Telephone Business Office and ask for "Architects and Builders Service."

## Conrifilusas


. . KATHERINE M-P. CLOUD started her career as landscape designer and garden consultant after graduating from the Ambler School of Horticulture for Women in Pennsylvania. Now, although her work keeps her busy, she finds time to write helpful articles to aid small garden owners do their own landscaping and enjoy maximum outdoor living in their own back yards. She is the author of two books (Practical Flower Gardening and The Cultivation of Shrubs) and also of "Peter Rabbit's Own Garden" on page 122 .

... P. H. PARROTt, who describes his brain child, the "Disappearing Play Yard" (page 43), says "nothing adds so much sales value to a city home as paint, green grass, a garden, and grandchildren." And he ought to know, for he is a grandfather, a past president of the Portland, Oregon Realty Board, and is widely known for his activity in the National Association of Real Estate Boards. Now retired, he and Mrs. Parrott make a hobby of their own back yard, their own grandchildren and the gorgeous birds of the Pacific Northwest.
. . . CHARLOTTE b. HERBERT is the manager of a family with a three-year-old girl and infant boy, but whenever a lull occurs in the general family uproar, she writes. Born in Connecticut, educated in New England, she married a geologist, helped him gain the family Ph.D., and is at present searching for a "Plain, Friendly House" (page 27) of her own in Illinois. In anticipation the Herberts are busily collecting an-


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## Contributors


tiques from New England to the Mississippi, "hoping we'll be able to use them all someday soon.

. . THEODORE OSMUNDSON, JR., now 29 , first became interested in landscape architecture when, as a child, he was father's helper in their Virginia back-yard garden. Later, he studied the subject at William and Mary, took his L.A. at Iowa State. After working in a California city park, a nursery, and with Garrett Eckbo, he started his own firm in Oakland with John H. Staley, Jr. He's a photographer and designer oi a "portable patio" (page 34)

. . Charlotte m. mill "just planted" a sunny, Michigan hilltop -and everything grew. Then she learned the why's and wherefore's of horticulture. Now 55, she writes that "life is full and good" with free time for ceramics, for children's stories, for painting walls-and for arranging cut flowers "as God grows them" (page 133). Her only problemwhat to do with the vegetables that keep piling up in the garden. as much in your closets -and keep everything much neater!


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## Books

Folk Art Designs by Julienne Hallen. (Homecrafts) Price $\$ 2.50$. For the homemaker with a decorating paint brush, here's a book full of designs from every nation-Early American, Mexican, Greek, Swedish, Chinese, Persian, and many more. Includes instructions for enlarging designs and for painting hard and textile surfaces.


Enjoying Leisure Time by William C. Menninger, M.D. (Science Research Associates, Inc.) Price $60 \%$. An excellent booklet for teen-agers that tells what recreational activities can do-to help you meet and get along with people, to help develop skills, to help solve needs for emotional outlets. Written by a wellknown psychiatrist, the book carefully outlines how to select a hobby that will make you happy-how to start and how to plan your time.

Care and Repair of the House by Vincent B. Phelan, U.S. Department of Commerce, Bureau of Standards. (U.S. Government Printing Office) Price 504. . . This authoritative and practical guide of 209 pages and 58 illustrations replaces a volume of the same title which was published in 193r. The coverage is similar but more up-to-date, explaining in simple language the common and always recurring problems of keeping a house in good condition. More readable than its predecessor, this book also discusses the need for repairs, inspection for signs of wear, and suggests methods that can be used to prevent or correct house defects.

A Traveler's Guide to Roadside Wildflowers, Shrubs and Trees of the U.S. edited by Kathryn S. Taylor. (Farrar, Straus \& Co.) Price $\$ 3.00$.

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RANCH PLANK has alternate widths, walnut pegs, and new Decorator Finish. (Photographed at Wilson-Jump's, Chicago)

## Books <br> (Begins on page 10)

distinct tribute. Color illustrations, numerous maps, and many sketches are an important part of this useful book. Regrets: That unused space was not given to larger maps and legends; that by anticipating legislation that was not enacted, the book gives the Alabama State flower as camellia (it is still goldenrod); that it omits mention of the peony and lilac collections at Swarthmore, Pa .

The Herb Growers Complete Guide by Rosella F. Mathieu. (From the author, Silverton, Ohio) Price $\$ 2.00$.
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Decorate Your Home for Better Living, by Mary L. Brandt. (Charles Scribner's Sons) Price $\$ 5.00$. . . A thorough, down-to-earth book on home decorating, it's as interesting as it is informative-and as simple to understand as A B C. The author tells about color, style periods, scale, room planning and arrangementalso how to buy furnishings and how to save money by making your own draperies, slip covers, etc. It's as practical and helpful a book as anyone with a decorating problem can find.

Growing Roses by Frank R. Norris. (Borden Publishing Co.) Price $\$ 1.25$. . A 98 -page simple, concise, practical manual of garden-rose growing applicable to conditions all over the country even though it is written by a leading Pacific Coast rosarian. Each chapter has a useful summary, and 15 pages of drawings and color pictures enhance the appeal and value of this introduction to rose culture, now in a second printing.

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# Poison Ivy's Been Arrested! 

IEUTHI DAVIS

FJor the third year now, residents of Malba, Long Island, are continuing their non-stop war against one of man's most noxious enemies-the plant with "leaflets three," known as poison ivy. Thanks to co-operative efforts of Malba's 150 families, the drive to control this public health menace has been overwhelmingly successful.
Malba's death-dealing operations against poison ivy got under way back in 1948 as part of a local clean-up campaign. At this time, the Garden Club decided that "poison ivy nurseries" must go and instructed its Civic and Conservation Committee to develop a program to this end. Mrs. William Ingram, energetic chairman of this committee, describes the resulting project.
"Our first job was to determine the seriousness of the situation," Mrs. Ingram reports. "This we accomplished by sending out questionnaires to residents and a Health Department survey of the land. We found that at least 23 families had suffered ivy poisoning in 1947, that the ivy-infested areas amounted to four

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from Color Schemes to Finished Rooms

solid acres. Then we went to work to map out and clean them up." A modern selective herbicide was selected for the community spraying, and Malba's men and women pitched in with donations of time, effort, and money to make the campaign possible. (In this connection, Mrs. Ingram advises that best methods for attacking poison-ivy growth can be secured by writing U.S. and State departments of agriculture and health authorities.) Applications to kill poison ivy wherever it occurs are now sprayed each year in Malba.
"Malba is fast getting rid of its most undesirable resident," Mrs. Ingram concludes. "With cases of ivy poisoning becoming almost non-existent, we feel that our control program is successful, that it's contributing to the well-being of the community."

Poison ivy flourished everywhere in Malba-in
home gardens, playgrounds, everywhere in Malba-in
home gardens, playgrounds, vacant lots. Control project has already reduced it by half, may some day eliminate it



Malba residents turned detective, reported ivy growing on the ground, in hedges, on trees, around pipes and drains. Men helped with spraying, tackled dangerous spots on cliffs and water front

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The cabinet is one-piece, welded sheet steel! Interior finish is long-wearing, acid-resistant porcelain! Thick Fiberglas insulation! Triggeraction latch, and other de luxe features such as are shown below.
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Stores 24 pounds of frozen foods! Now you can have more of those delicious frozen foods on tap . . . and keep them for as long as two or three weeks. Plenty of ice, tooeight pounds of it!

(


You can put your confidence in

## Letters

ad in your January issue the icle on "In-Between" window ning by Henriette Briggs.
New Year's Day it was gloomy rainy, and, to top that, my little nd boy were "fussy." So I conto entertain them (and myself) riving to do something "between ow and storm sash." First I filled carded meat can with water and boat (complete with sail) sailpon the water. The boat I made f half an English walnut shell. le a snow man out of cotton and leted it with slivers of coal into place. Then I dodged the ops and gathered bits of dried s , pine twigs and berries simi-bitter-sweet. I built these up with the top of the can (which I1 "Lakeoprem") and arranged white facial tissue for snow. et quite a lift from it yet, for had a week of continual rain. hen I look out the window, it's ly bright spot in sight.
-virginia waltz
purchased a $2^{1 / 2}$-acre suburban ce and over the years have it into quite a beautiful home, ng a lot of cash and untold of hard work. Now, just when sit back and enjoy ourselves, ice adjoining us has been sold e new owners have turned it trailer camp of the lowest sort. e are no zoning laws here oute city limits, and the County Board doesn't care what camps are. We have considlling, but no one will pay even lue now, so we thought if we high, solid fence it would at rut out the unsightly view. ve are near the present city perhaps we will be taken into . Then the place will be forced up.
certainly a bitter pill for us desirable place here is quite ve at this time.
-mrs. jess tindall
e tell you how I enjoyed am Pope Cimino's kitchen in the February issue. I am who "lives" in the kitchen, the kitchen, and works there. put in a word for the wood nce it was mentioned in "You Iy Home Through Its Heart." ad a wood range and I used it ely for five years. It is a mfort and very efficient.
re now planning a new home oo, shall have its wood range a fireplace in the kitchen. ect to install modern equiput there has to be space for ld-fashioned hospitality, too.

In California the "ranch house" trend is bringing the kitchen back into its own.
I can and cook and use the kitchen so intensely-and the rest of the family does, too-that each spring we move out to the guest cabin while Hubby paints her up again. Then the windows get a new ruffle and we're ready to go another round.
Thank you and Mrs. Cimino for the gold star for kitchens as living rooms. It's my idea of a good life.
-mrs. Cecil driskell

Y
Your "May Basket" on the cover of the May '49 issue gave me an urge to say, "Thank you for fond memories."

As a child in Colorado, I remember making such baskets, filling them with blossoms or candy, and hanging them on doorknobs. My thanks again.
-mRS. MARY HOLCOMB


$\mathrm{W}^{\mathrm{c}}$e could see our own daughter in the picture which was on the cover of the May ' 49 issue of The American Home. We believe this to be unusual and therefore are sending a picture of our daughter, Roberta.
-robert D. walter

IIBlandings is not the only one who built his "dream house." The Hills built theirs, and, although we had our ups and downs, the result has surpassed our rosiest dreams. It is just what we hoped for, and we felt it was realized mainly through the help of The American Home.

In your September 1948 issue you offered a design for a wall painting, "Fairyland Tree." It looked so effective, we sent for it, planning to use it in the dining room.

My sister, using the idea of your design, painted a mural that looks like scenic wallpaper in that it extends all around the room above the dado. The work has excited most favorable comment from her fellow artists in Birmingham, as well as outsiders, and the room really looks like a bit of fairyland.

Both our home and yard reflect many helpful suggestions we have borrowed from you and we thank you for making them available to us.
-mrs. elsie s. hill


## "You fellows are starting young!"

To these youngsters there's nothing unusual about building a house with insulated sheathing. They see it everywhere. It's normal practice these days. To some of the rest of us, who remember how houses were built when we were young, Armstrong's Temlok ${ }^{\text {® }}$ Sheathing may seem like a "new" material. Actually it isn't. It's been used for many years now, long enough to convince hundreds of thousands of home owners that it's the economical way to build a better house.

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Armstrong's Temlok Sheathing is made of strong wood fibers, formed together with asphalt into strong, tough boards. When nailed to the frame of a house, it adds bracing strength-plus insulation at no extra cost. Before you build, be sure to ask your contractor or lumber dealer about Armstrong's Temlok Sheathing.

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# The Plain, Friendly Houses of America 

${ }^{66}$. . . There was a time when a view called not for a picture window
and a flagstone terrace, but
for a verandah, complete
with gingerbread brackets,
a porch swing, Dorothy Perkins
roses, and a high, wide,
beautiful sky-blue ceiling . . ."

IIThen I was a very little girl, one of my favorite places was a house whose front door was flanked by small panes of red glass-the wiggly kind. I looked through those panes in sheer delight into a ruby world peopled with the magic creatures of fantasy. Even now, whenever I look through wiggly red glass, I recapture that wonderful enchantment for a moment. Another pleasure left over from childhood that sometimes catches me unaware is in gingerbready, white front porches with sky-blue ceilings. I still love them!

For years I have felt self-conscious and apologetic about my tastes in houses. The homemakers' magazines and my more sophisticated friends are all out for good functional modern or authentic Early American, or quaint Swedish peasant, or something. Many of my favorite houses have been labeled "just bastard" by these authorities and I have been too mousy to protest.

But now the mouse has rebelled! I'm no longer apologetic, I'm combative! Their taste is no better than mine-it's just different. And it's time the plain friendly houses all over the country had a champion.

A few families, I am happy to note, have had the courage to admit they like some of these architectural outcasts. And by scrapping the "lovely little place in the country" ideal, they have found an excellent solution to the home problem. These people, I really believe, are pointing the way to many more people-if they would but follow.


Photogrophs by Nowell
This is the dining room, with its share of treasures, mementos collected through the years. The stairway used to be enclosed. The de Gignaes opened it, put in a railing and spindles found in a lumber wrecking yard. Under the hanging lamp is the cherry drop-leaf table used for dining

The prim country parlor has been turned into a big living room. Two narrow bedrooms (walls stood about where the sofa is) were thrown into the living room to make a space 14 by 24 feet. The wood-burning fireplace is new-the old parlor was heated by an iron stove. Far right, the remodeled kitchen. Wooden cupboards were built, a new sink installed. The little breakfast nook was built where the old pantry stood.
Nobody ever uses the front door at the de Gignacs'; they come right in through the kitchen door. Sleighbells on the door announce arrivals




# Niradel Plant 

 from PeruIIThere do you live? In the cold North, below the Mason and Dixon's line, in the Deep South? Oh, well, it doesn't matter. Wherever you garden, you can grow Ismene-which seems to justify the rather spectacular title I have given these notes of mine. Perhaps you do not know it as Ismene, but by one of its popular names-spider-lily, basket-flower, or Peruvian-daffodil. (Why that last one it's hard to say, for the big, richly fragrant flowers don't much resemble daffodils. However, the bulbs are rather like those of a giant narcissus.) Before we leave the matter of nomenclature, note that, although catalogues usually list "Ismene," botanists say that the proper name for this handsome member of the Amaryllis Family is Hymenocallis calathina.
Since it hails from South America, Ismene (I'm going to stick to that) is not frost-hardy. In the South, it can be treated as a perennial, but where freezing temperatures occur, the bulbs must not be planted until the soil warms up and, in the fall, they must be dug and stored in a dry, moderately warm, but airy, place until spring. However, the plant's rapid growth enables us to overcome adverse climatic conditions. Even where the growing season is short, it gives a wealth of impressive bloom in a surprisingly short time. Also the bulbs, by fall, are much larger and produce a number of nice offsets which separated planted and given an occasional side-dressing of 4-12-4 fertilizer, grow to flowering size in the gratifyingly short time of a few seasons.
At first, I grew Ismene for its fine blossomswhich last well indoors. Then, finding that, after the flowers fade and dry up, the stalwart, strapshaped leaves retain their bright green color until cut down by frost, I began to use the plant for its decorative foliage effect in various places. It has proved its usefulness in many ways. Along a garden path, for instance, I consider a row of Ismene much more attractive than one of iris. I have also used it to border a circular flower bed in which tall subjects like cannas occupied the center, with a row of scarlet sage between them and the Ismene border. A few clumps will bring a welcome touch of green to a drab, drought-dried

PLEASE TURN TO PAGE I32


JOHN MAGUIRE

1ny day now you'll be swatting angrily at the first of those perennial warmweather invaders-the fly and the mosquito-and wondering how the annoying and potentially dangerous pests sneak into your well-screened home.

Entomologists of the United States Public Health Service and of the Tennessee Valley Authority have proved that even dilapidated rural shacks can be made mosquito-proof, but most people seem satisfied with halfway protective measures.

Each spring, the man of the family puts up the screens, buys some fly-spray, and lets it go at that. Essential steps, it's true, but only half of the job. The experts say no home is well protected until all openings have been screenedand they add that it's amazing what large openings are often completely ignored.

Chimneys, for instance: Malariologists label the chimney a favorite port of entry. Worse, it's an ideal lurking place for the daylight-shunning malaria mosquito. If you suddenly notice skeeters in the living room at dusk, maybe you should install flameproof metal screening in your chimney.
Mosquitoes and flies squeeze through cracks in floors, walls, and ceilings, too -so plug any openings with heavy paper or metal. Naturally, your home won't be as windswept as the rickety cabins mosquito-proofed by TVA in its malariacontrol program, but even well-kept houses often have small apertures in attics, cellars, and attached pantry-sheds.

When you've blocked all possible openings, check the screen door. If it hangs poorly, or has swelled so that it doesn't quite meet the frame, it won't
discourage persistent flying pests. A door or window screen needn't be glaringly out of fit to be ineffective; any crack wider than $1 / 16$ inch is a skeeter highway. Make the necessary repairs, or pay a professional to make them. It's worth the cost.
While you're at the door, how about a spring-closer? Most states require them in restaurants and food-handling establishments. Homes should have them, too -especially if the family includes tireless youngsters who dash in and out a dozen times an hour. Incidently, screen doors should open out so that insects are pushed away from the house when the door is opened. Any fly or mosquito resting on the outside of an in-swinging screen door is drawn into the house when the door is opened.
You should have an insecticide on hand, as mosquitoes can enter wellscreened homes on clothing, or on the family dog or cat. The insecticide is also needed for very small gnats and flying insects that no screening can stop. However, entomologists warn against overdependence on killing agents, which usually must be mixed carefully and applied repeatedly to all possible hiding places. Residual sprays are very effective, but must be applied several times a summer, especially on screens or other likely resting spots exposed to the sun.

For complete protection, you should also attack enemy bases outside the home. If there's a swamp or low area nearby where the pests may breed in standing water, try oil-spraying. One pint of oil is enough for five hundred square feet of water surface. With thick vegetation or debris, more oil will be needed. It's very important to oil debrisladen areas, as they are favored breeding haunts of the malaria-carrying Anopheles mosquito.

Any oil puts a thin film on water which shuts off the air and suffocates mosquito larvae and pupae, but toxic oils such as kerosene and light furnace oil, and a number of special chemical preparations kill quicker by poisoning. Some of the available preparations are highly toxic to plants, birds, and fish, as well as skeeters. They must be used with great caution. But several larvicides have been developed which are perfectly safe where there are fish, waterfowl, or aquatic plants, since they only kill the larvae.

To be really thorough, the entomologists say that you should not feed the fish in your garden pond during mosquitoplease turn to page 95


This is the rear of the house, with screened porch at the far left. The big windows near the middle are in the living room. The two shuttered windows belong to the small and the large bedrooms. Exterior is made of natural redwood boards


## Herés a house that's a honey!

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It isn't very often that one sees even a large house which has as many fine qualities as this small four-room house. American Home's editors think it so good, so right for a small family, that we have made plans, elevations, and outline specifications available which you can order for closer study.

Architect Herbert Banse sensibly placed the main rooms to the rear for privacy's sake. Even if the house faced a busy highway, you'd be well insulated against street noises because the least-used rooms act as a "buffer"-kitchen, bathroom, entry. Even the master bedroom has a wall of closets between it and the street. Usually in houses this small you open the front door and step right into the living room. Not so here-the separate entrance hall screens the people in the living room from unwanted callers.

The kitchen is really the control unit-you're just steps away from the front door, service door, garage, living room, or the porch. On rainy nights you're under cover all the way as you lug groceries from the car to the kitchen. Sidney and Marguerite Henry of Wayne, Illinois, who own this little home, wouldn't change places with anybody. They are in love with their honey of a house!



## Weill take it with us - paving and all!

This pleasant patio-owner-designed and<br>owner-built-is on rented property. But it can

be taken along when the family moves:

THEODORE OSMIUNIDSON, JIR.

IIe moved into our present home more than a year ago not knowing how long we could stay, for it is on an apartment house site and for sale. But because of the comfortable house and the view westward across Lake Merritt and the Oakland skyline, we decided to rent and make the most of our stay. At the rear, the kitchen opened onto a sheltered area that sloped gradually upward toward the back, with two huge black walnuts shading part of it. It was ideal for a patio-but could we have one without losing too much if we had to move? The answer was, first, to use only as much of the space as we really needed; and, second, use only materials-plants and structures-that we could take up, and with us, when we went.

First came grading to give a flat living area; then the combination low retaining wall and bench, Next, we built a curved screen fence to give protection, background, and an intimate feeling. We paved the patio with brick laid carefully in sand, without mortar. And the planting is all of annuals and perennials bought from a nursery in flats and set out-no shrubs at all.

The costs were: Lumber, $\$ 36.00$; bricks, $\$ 50.00$; flowers and garden material, $\$ 15.00$. The charcoal burner we had. Now we step out of our kitchen onto a cozy paved patio-fine for outdoor meals and small barbecue parties. And we can take it along with us when we move.


A bird's (on a branch)-eye view of the patio shows most of the important details, including basket-weave brick paving; redwood retaining wall which doubles as garden seat, with bricked opening for charcoal burner; potted geraniums; annual flowers; redwood fence; a walnut tree


Grading left the patio 2 feet below surrounding level, so a retaining wall of railroad ties faced with redwood stakes was built as shown in plan. One-foot plank top is both seat and handy bench for preparing and serving food beside portable iron charcoal burner for which space was left in the wall

Twelve feet back of retaining wall, a 6 -foot fence of $1 \times 1$-inch redwood stakes on a $2 \times 4$-inch framework provides privacy, background for asters and marigolds (in front) and rampant geraniums partly shaded by walnut tree (in rear). Beyond the fence are the clothes-drying yard and a vegetable garden

## He furnisteled our papartuent for $\$ 863.46$



It's a neat trick to wash up with no kitchen sink. Dishpan goes on stove, tray under rack catches drips

Flew couples would think of painting their kitchen ceiling fire-engine red, papering a bedroom wall shocking pink and outlining living-room windows with deep red. But we did, and we like it! We used color to accent, diminish, and substitute for more costly items.
Ours is a practical family, and when we'd checked off the last thank-you note, our "wedding loot"-as our best man called it-included $\$ 880$ in cash. We fingered it lovingly! We'd be starting our home just off Yale campus and our income, while Dick spent three more years on his architectural course, would be limited to his G.I. allotment plus my salary as a radio writer.

Our first tree-top apartment grew from three former bedrooms on the third floor of one of New Haven's many double houses. Feeling that eating is rather important, we started on the kitchen first. To make the tiny boxlike bedroom across from the bath look like a kitchen was a real problem.

First, we covered up the pink walls and brown woodwork with ivory enamel. Thenhold onto your hat-we painted the ceiling flame red and pasted a red Mexican border around as a molding. This bright color pulled the ceiling down and pushed the walls out so the whole room looked larger.

With no room in the budget for either store-bought or custom-made cabinets, Dick built a sturdy counter around one corner of the room with a shelf below for cooking utensils, two above for dishes. A red plastic curtain beneath the counter hides all the useful but not ornamental kitchen paraphernalia.

Our cooking facilities were to be a twoPLEASE TURN TO PAGE 102


Color did it: We used it to transform three drab
bedrooms into our first home-and how we love it?



IIThen Milo D. Folley, architect, started planning his own house in Liverpool, New York, he had only one thought in mind. Whatever the style, whatever the material, it wasn't going to be a showplace. Simplicity, informality-those were to be the keynote. And that's exactly what he accomplished. Set right in the lap of an apple orchard, the Folley house is a thing of beauty and bids well to be a joy forever. Look at it! The house itself is straight, clean, modern in feeling with simple roof lines and trim. The reddish-brown clapboard exterior is not only rustically right in appearance, but also it doesn't show the weather-wear some of its lighter neighbors do! The main rooms face south, to take advantage of the warm sun, since winters in that section may be really cold. Glass has been used lavishly on this south side in order to offer wide views of the orchard, an ever-changing natural mural in every important room.
On the north there's a flat-roofed wing which juts out from the body of the house to form the garage and all-purpose room. Mr. Folley does some of his work at home, and this serves also as an office, reached directly from the main entrance. The entire family has several hobbies, and much of their handicraft is put into shape in this same room. Gardening is their special avocation, which should be quite a pastime midst such lavish natural beauty. The all-purpose room stores tools for all projects and is especially handy for garden equipment.

PLEASE TURN TO PAGE 92

Rich red-brown clapboards make a charming picture against the enchanting beauty of an apple orchard in full blossom. Horizontal ventilating louvers and geometric entrance trellis form the only break in an otherwise simple, straight line. Notice how the flat roof lines follow the contour of the ground. The Folleys have placed their living room across the south in order to absorb all the sunshine possible and gain the gorgeous orchard view



Data by Martha B. Darbyshire. Photographs by George de Gennaro

# Colonial in Cowboy Boots! 

GERTREDDE HIEDOKS DIXSON

Lock, stock, and barrel-stave-
Californians are invading New England thresholds, are busily adapting Colonial furnishings to their Western mode of living. The home of Mr. and Mrs. Chester Root is a particularly happy blend of Western ranch-style comfort with down-East traditions-proving that sometimes the twain do meet!



Outdoor exercise sets the mood for many a quiet evening of reading and music by the fireside in the bed-sitting room. Strap-hinged pine cabinet to the left of the fireplace conceals a built-in radio and record player. Often Mrs. Root works on one of the braided rugs used throughout the house

## Cowhoy Boots

(Begins on page 40)

In their living room two comfortable, contemporary sofas flanking the copperhooded fireplace are covered in a wonderful blue-green. This same vital color repeated on walls above the dado seems to breathe fresh life into the original Colonial pieces as well as the reproductions. Lovely old cranberry glass takes on a new glow from the dash of brilliant red used as accent on lamp shades and sofa cushions. Here, as all through the house, brass, copper, collector's pieces of Staffordshire, old glass and lustre show the Roots' real love of the traditional, and each clear, strong background color was unerringly chosen to give added interest to these treasures.
Their master bedroom is "colonized" from spinning wheel to Early American pine blanket chest. And it's set into a beloved Early American color scheme-red, white and blue. But there's nothing trite about Mrs. Root's use of this trio. The block design on the white wallpaper is a crackling firecracker red, and so is the carpet. The twill covering on the wing chair, windowseat pad, and the deep cornice stretched over the bank of windows is a good fierce blue. The prim Colonial furnishings are so comfortably and contentedly at home, you know a bold but sure hand was on the color checkrein. The windows are left uncurtained, for the Roots wanted an unobstructed view of the valley with its backdrop of mountains.

With this one bold gesture, the Roots give the answer to Californians' approach to Colonial-an unobstructed, unfettered view of things as permanent as their hills.


Much of the food in the Roots' well-stocked deep freezer is home-grown. Robin strikes up an acquaintance with some likely-looking prospects that will take a bit more fattening. Ranch life can be a world of wonders to the pigtail age!


# Grandpops Disappearing Play Yard 

1othing quite takes the place of a sand pile in the interest, amusement, and happy life of a small child. Unfortunately, the average open, loose sand pile is untidy and unsanitary; and most 50 by 100 foot lots cannot afford space for one. The sand pile in a box as pictured here not only solves the space problem, but also keeps the sand sweet and clean because it is dog-, cat-, and birdproof. Furthermore, the accessories (all of which can be stored in the box) provide a real play yard that can be dismantled in short order and trundled away on its rollers, leaving the lawn undarnaged and ready for any other kind of outdoor fun.
Both sandbox and wading, or paddling, pool are made of $5 / 8$-inch waterproof plywood. The flat surfaces on three sides of the box,
plus water from the pool, offer a delightful combination of wet sand and play table and help keep the sand in the box. If water is spilled, it simply benefits the grass. The rollers have 6 -inch bolts as axles, and holes bored in the "boxes" that house them (at the lower corners of the sand compartment) form sockets for a lawn umbrella, which is good protection for little children on hot summer days. The other equipment that adds fun and adventure to this miniature three-ring circus includes a teeter-totter, play bar, swing, and merry-go-round. The weight of the box and sand make the whole thing stable; the rollers make it mobile, and every bit of apparatus packs snugly into the box which, with the two-piece cover in place, can be up-ended and rolled into a space 4 feet deep and 8 inches wide beside the outdoor fireplace, as is demonstrated in the picture, please turn to page 126

Dismantling starts with the teetertotter. Here Mr. Parrott has just lifted the cross-arm sleeves off the upright supports which will be unscrewed from flanges in the box and one of the cover sections. Judy Parrott, one of his granddaughters, is an intensely interested spectator

Taking the merry-go-round apart is the next and probably the largest single part of the half-hour job. All handles and seats must be turned flat to fit into the box. However, a Stillson wrench is the only tool needed


\title{

Do them over... <br> 


Old chairs may be creaky at the joints. Before doing them over make sure they're sturdy enough for wear.
Use a good strong glue to strengthen the cross members.
Keep tightly clamped until glue is thoroughly dry

## HERES HON!

## HERES HON!

If you're sick and tired of looking at those same old oomph-less dining-room chairs, cheer up! We've found a way for you to do them over into something not only really eye-compelling, but also for very little cash. The chairs you see glamorized in these pictures cost just $\$ 7.60$ to do over, but if you're as smart as we think you are, you can probably shave even that price. It all depends on what kind of material you use. We tried red-and-white denim, which is inexpensive and sturdy. After you've made your chairs over, you'll probably be clever enough to transform some other old pieces. It isn't hard at all, and, oh, what a difference it makes. All you have to do is follow the step-by-step directions below.

Even if you're a genius, you can't work without tools. Here's what you'll need: tacks, needle, thread, welting, hammer, cotton batting, about 10 yards of material. Please try this idea-see what a change it'll make in your dining room! Probably be the talk of the neighborhood.


Begin with an underlayer of material to serve as backing for new upholstery.
Almost any sturdy material will do. In this case, discarded crib pads were cut to shape of chair back, sewn together, then slipped over chair like a pillowease


Next, pad the chair back for comfortand for a more tailored appearance. Use upholsterer's cotton batting, stitch it to underlayer material. Enough batting for four chairs costs 75 c , was purchased at a local dry-goods store


Place your choice of upholstery mater wrongside out over cotton batting. (W used striped denim.) Pin back and fro pieces, with welting between, to exact shape of chair back. Slip it off chair, s seams, turn rightside out, replace on

xt, unscrew and remove seat of chair. ck strip of fabric all the way around ter edge of frame, bunching material you go to make ruffles, or gather it your machine. A magnetized tack mmer would make the work easier

Recognize it? What a difference between this, the finished chair, and the sad-looking original on preceding page! For four chairs, 10 yds. denim cost $\$ 5.90 ; 15$ yds. welting, 75 c ; batting 75 c ; upholsterer's needle, 10c; tacks, 10c-total, \$7.60!

Triple-threat service cart with three attractive trays, sized from 20 by 24 to 20 by 36 inches. Entire unit of bakedon enamel over bronze. Weather-resistant!


Keep coffeepot and casserole on outer edge of barbecue brazier to keep hot. Each one cooks his own! Lots more fun, and no one gets too warm

Redwood table and bench, lightweight and easy to move. Good-sized table top, 28 by 60 inches. You can leave it out in the rain or sun, too, and no harm's done. Very practical!

You'll want these right at hand! Ranch Brand stainlesssteel cutlery, three-tined steak fork with leather thong, hickory-handled grill for individual hamburgers, and mirror-finished turner will get and take plenty of use


Cedar that's been specially treated to ward off rot and termites, metal fastenings that are weatherproof, cushions covered in vat-dyed duck add up to a chair that takes its place in the sun


Food baked in this blu green ovenware casser stays hot when it's ove fat candle in wrought-iron base. Mighty useful in back yard, far away from electricity, as is blue $j$ with candle inside protected from breezes. Checked cloth is casual, informal-comes in several colo

It's no longer "Step right up!" Everything's on wheels.
Aluminum serving wagon has detachable canopy over top
shelf to protect cool drinks or hot food. All-steel barbecue with special cone-shaped heating unit rolls right up to serve as many as twelve

Tall garden hurricane lamp of wrought iron gives just enough light on those moonless nights when you can't bear to go inside


## S

 Junny thing about warm weather-it always sneaks up on us fast. But from the minute that first balmy breeze betokens hotter days to come, it's outdoor living for anybody who can manage it! So regardless of your summer-living facilities, whether you're on a plantation or a postage-stamp plot, let's get ready to soak up the sun! Everything on these pages except the barbecue table and collapsible chairs is wheelable. Now you can really "follow the sun around" as it dips in and out of the trees and shadows. The three chairs which are shown below are so light they don't need rollers, can be lifted with a whisper of strength. Most of these warm-weather wonders are made to take a beating, too. The wood is sturdy, the canvas is rugged, the steel is just what the word means. The ideas on these two pages are presented to help you relax and enjoy summer days and evenings, with an eye to minimum upkeep, a maximum of work-saving, and a sympathetic glance at your pocketbook.

Universal Converting Corp.

Peel cane, a long-time outdoor favorite, is back again.

Looks so fragile, but it's durable and weather-resistant

Three-tiered server of Hong
Kong reed is light to carry even when trays are filled. Wonderful for porch or terrace


Fold-up chairs to take any place. Aluminum one, at left, has foldaway tray, with seat and back of waterrepellent duck. Bentwood chair comes in clear varnish or with slats enameled in various colors. Steel frame of the rockerless rocker shown has baked-enamel finish

# How to pave your way! 



Brick patterns are many. This is a simple herring-bone type

The running flat design gives most coverage for bricks used


MAX AETH


Simplest of all built paths-steppingstones laid directly on firm earth

1Imost anyone can pave a garden walk, and for much less than a contractor would charge. For example, materials for a 4 -inch-thick concrete walk laid on cinders cost about $\$ 1.00$ per square yard; a contractor would charge around $\$ 4.50$ for materials and labor. For brick on a concrete foundation, materials will cost about $\$ 4.25$ a yard; a contract job will run at least $\$ 20.00$. (A bricklayer will hardly pick up a trowel for less than $\$ 3.00$ an hour.) Of course, some hard work is involved, but it doesn't have to be done in one day or in a hurry. Only a few inexpensive tools are needed, and wood for forms can be secondhand to start with, and used over and over again.
In planning a walk, consider these factors: Frost action, supporting soil, and probable traffic. A walk must be strong enough to withstand the heaving and breaking movement of soil when acted on by frost, as well as the force of freezing moisture in the walk itself. It must be laid on ground that is dry or so well-drained that water will not collect beneath it; or else sufficiently flexible to rise and fall with any movement of the soil. Any soil solid enough to stand on will support a walk. Dry, hard earth needs no treatment, but soft, fairly moist soil should be well drained in frost country; and really
wet, squashy soil must be, to support a firm walk at any season. Drainage is provided by 2 to 8 or more inches of cinders or gravel. In extreme cases, a foot or more of rock fill should underlie the cinders. Water all such foundation layers well and tamp them firm; dry material does not pack well and steals moisture from the fresh concrete and weakens it. As to traffic, even the lightest paving material recommended will support as rany fat people as can crowd onto it-if properly laid. Garden paths are usually 2 to $21 / 2$ feet wide; walks vary from 2 to 4 feet, and sidewalks from 4 to 5 feet . . . Now, what materials can we use for building a walk?

Tanbark and sazwdust, which can be laid directly on tamped earth, make a woodsy, naturalistic path. However, they act like a blotter and are often wetter than the ground around them. A supporting bed of cinders or gravel will help. Frost presents no problem.

Gravel comes in various sizes. Grit, the $\mathrm{T} / 4$-inch grade, is commonly used for surfacing; the $3 / 4$-inch size for the underlayer. Dryer than tanbark, it can be laid directly on somewhat wetter soil, though on soft earth it tends to sink in and be lost. It is not too satisfactory for a much-used path as traffic tends to scuff it up and kick it away. But frost does not affect it.
please turn to page 136

More formal effect-flagstone cut to sketch, laid without foundation or cem



Basket pattern, bricks on edge


Hard brick laid flat on concrete and lower than grass to make mowing easier

Same, with bricks laid flat

In all these patterns, the jointsof sand or cement-are $1 / 2$ inch wide


Deep scoring with edging tool, or use of spacer strips, adds interest to a plain concrete walk

Four simple steps in paving path or terrace with slate


# Sassy or Sweet... 



## 4 ways to decorate



## unfinished chests


The French call the technique trompe $l$ 'oeil. We call it a très gay deceiver, with the fringe-trimmed swage painted right on! A snazzy piece to lift a room right out of the ordinary

Pardon our pointing, but we're so puffed up about the ideas we've whipped up on these pages that we're about to bust a button! All kidding aside, did you ever see four cuter ways to dress up a plain old, dull old unfinished chest of drawers? You know the kind: You've seen them in the newspapers, advertised by department stores and furniture stores. For the money, they're one of the best buys on the market. We paid $\$ 29.95$ for ours, made by Aristo-Bilt. But if you're like us, your imagination might have fizzled like a flat soufflé when confronted with those acres of unfinished wooden fronts.
What could you do, we thought-besides pasting on Donald Duck decals!-to get some real zip and charm into these worthy but plainJane jobs? We got ourselves into a huddle; we pawed over clippings, swatches of chintz, photographs-even a lollipop someone had brought back from San Francisco. Our Arts and Crafts department put them all together, the paint began to fly-and the results you can see on the opposite page.
Any one of the ideas could be a real conversation piece anywhere in the house. Because of the nature of the designs, each could fit into living room, dining room, bedroom, or hall. There's only oneNumber 2-that is really bedroomy. Wouldn't it be a lovely thing in a frilly room for a little girl?
We gave our chests a thin coat of shellac to seal the wood, then an undercoat and a finish coat of paint. A tip: Tint your undercoat to something near your finish coat-but not quite. If it's a little paler, you can see any spots you might miss later. We did our decorations in oils, right from the tube but mixed with a bit of varnish to make them more durable. Always consider giving your finished work a coat of clear varnish. It will change the color slightly, but it's worth it in wearability. Always let oil decorations dry for two full weeks before varnishing a piece. So put your thinking cap on-and cock it at an angle if you want a gay result. Like everything worth while, painting chests is definitely work-but when they're finished, compliments will come so thick and fast you'll be glad you took the trouble.

Roses that bloom in the spring, tra-la! They bloom all over the front of our pretty painted chest, all tied together with little-girl ribbons. Wonderful to highlight a pastel bedroom scheme

A truly handsome piece with serolls and flowers softly antiqued in a rich parchment color. They blend with tradition furnishings, are lovely in a formal room or equally at home with Colonial backgrounds


Cute as a bug's ear-polka dots and clover leaves (actually inspired by a fancy lollipop) marehing all in a row. Surprisingly modern in feeling, but coy as Miss Muffet in a provincial room

Designs by Hillary Knight (1283)
Catherine Macauley (1284),
(sabel O'Neil ( 1285 \& 1286).
Photogrophs by F. M. Demarest



Remodeled kitchen of the Roy A. Bridges in Mansfield, Ohio. Every old feature was removed, including range placed dangerously between two doors, and counter which formed the side wall of stairease leading upstairs

Here the Bridges have transformed the sink corner into a dining space, used attractive decoration, plus a movable three-tiered cart which serves as working table, tea car, jack-of-all-portables

The kitchen door which you see directly before you is now the corner in which the breakfast table (upper right ) is placed. Cabinet at left was removed, staircase behind it was moved into rear hall, releasing much needed space. New range was placed to form working $U$



JANE MeNAMAIEA

1wo small kitchens in widely separated parts of the country. Two home-makers-one with the family grown up and gone . . . the other with a growing daughter and prospects of a home overflowing with teen-age neighbors. In the first, Mrs. Edward P. Noppel wants simplicity in her kitchen plus warmth and color, for she entertains a lot. She is now doing all her own work, has many civic interests, and now that the family has flown, father's interest in such things has perked up. In fact he is developing quite a hobby of redesigning the old closets in the house since proper compact kitchen storage has been brought to his attention. He even consented to mother's idea of bringing her favorite colors from the garden right into the kitchen in the pale pink steel cabinets and the deeper pinks of the shades and wallpaper. Gas is his business, so gas appliances were first choice.

The layout in the Roy H. Bridges home was certainly a dud. In came the experts from Westinghouse Home Institute, counted all those waste steps, watched the work patterns Mrs. Bridges employed, and together we all worked out the best and simplest solution. Sensible cabinets, range, and refrigerator were installed plus the least expensive new sink. Mrs. Bridges is an excellent housekeeper and is teaching her daughter how to be a real part of this homemaking picture. When the budget allows, there is room for a dishwasher. Sunlight pours in, but adequate lighting and wiring have been installed. Coated-fabric wall covering with its gay river scene was used because it's easy to clean in this industrial town with please turn to page 72

This is Mrs. Noppel's cozy corner where she serves breakfast to Mr. Noppel, luncheon or "kaffeeklatsch" parties to her numerous friends. What a difference wallpaper makes! Woodwork is painted to match the wallpaper, to give a much greater feeling of space

Red and black mat-stock or blotter card symbols, any size, for room or added buffet table decoration. Napkin holders are made from white-mat stock, red or black trim along the edge, with one of the four card symbols placed in the center


JUNE COCHRANE ORTGIES That do you say to doing it up fancy the next time it's your turn to have the girls over for bridge? You'll have a lot of fun, the preparation isn't difficult, the results are really something, and you'll establish a high old name for yourself as a hostess.
Teakettle Bridge we call this little party idea, since a teakettle plays a very important part in this get-together. That's where you put your forfeit money! You'll need invitations, table decorations, corsages, favors, place cards, and tallies. Plan on buffet serving. Make your color scheme the same as playing cards. Incidentally, you might use blotting paper instead of mat stock. Notice how the invitation is made, in the lower left-hand corner. You can put your playing-card flowers in a real kettle and use it as a centerpiece. Any kettle will do, but a copper one would be wonderful! Arrange your corsage favors around the base of the kettle.
please turn to page 63

## Whats Trump?

## THESE IDEAS, NATURALLY:



Write on back of favor place card "You must bid and make, regardless of cards you hold, one club (diamond, heart or spade) no more, no less, during first rubber. If you fail, please forfeit 50 \$ to the kettle"

Collect penalties and forfeits in centerpiece kettle. Give to honoree or donate to worthy cause. Failure to make little slam bid 25 ¢ plus 10 ¢ forfeit for each trick down; double penalty if grand slam is bid and not made; $10 ¢$ forfeit for player asking "Whose bid or deal is it?" 25 $¢$ for "What's trump?"

Glamorous bridge tallies made with red and white mat stock, silver passe partout, narrow pink ribbon and white poster paint. Tiny kettle cutouts with highlight silver markings dangle down


# Eatin High 

on the Hawg!




## That certain something spelled

 floIt's the thing that strikes your fancy at the very first taste-
A wonderful tart-sweet flavor, so richly tropical you find yourself praising everything else about Del Monte - the bright golden color, the fruit, so tender and brimming with juice.
And you wonder why you shouldn't always get pineapple like that.
The answer is-you do when you buy Del Monte. For Del Monte raises their pineapples with all those things in mind-for your own special enjoyment. Yes, Del Monte Brand Pineapple is in a class by itself - all five delicious styles. Try any one, tonight.

## SUNFLOWER SALAD

For each serving, spoon cottage cheese on crisp salad greens. Press slice of Del Monte Sliced Pineapple on cheese. Arrange strips of pimiento in design as shown. Serve with:

## PINEAPPLE DRESSING

$1 / 2$ cup syrup from DEL MONTE Sliced Pineapple

2 tbsps. finely chopped onion
4 tbsps. olive or salad oil 2 tbsps. lemon juice

2 thsps, finely chopped green pepper $1 / 2$ tsp, paprika
Combine all ingredients and beat well before serving.


# Fatiin' liggh on the llawg! 

(Begins on page 56)

especially for these days; quickly mixed and generously sprinkled with chopped peanuts it comes to the table carrying a subtle aroma that attracts men and small boys like bees to the honey pot.

Seems to us that each day brings another idea for using concentrated frozen orange juice in recipes. We used it for our sweet potatoes, and, just to make things more colorful and interesting, we blended an old recipe for sweet potatoes with apples.

Crowning glory-that's the dessert for this meal. It's California Trifle fashioned after its English cousin but with a hatful of ingenious Americanisms. First, our cake is packaged white-cake mix; quick-as-a-flash preparation with incredibly lovely results. Layerings of luscious apricot jam from your own hoard or purchased especially for this dessert (you may substitute other favorite jams, of course). You must plan this cake a day ahead because it's so much better if it can have an overnight chilling in the refrigerator after it gets a thorough coating of vanilla pudding. Just before serving give it a whipped-cream covering and a lightly tinted shredded coconut topping.

## - apple sweet potatoes



4 medium sweet potatoes
2 tbs. butter or margarine
2 tbs. light brown sugar
1/2 tsp. dry mustard
1/8 tsp. powdered cloves

Pare and slice potatoes $1 / 4^{\prime \prime}$ thick. In large saucepan melt butter, blend in sugar, spices, salt, and orange juice. Add potatoes; cover. Cook until potatoes are barely tender. Core and slice apple $1 / 2^{\prime \prime}$ thick; combine with potatoes, cook two to three minutes. Occasionally spoon orange juice mixture over potatoes and apple slices.
Makes 5-6 servings
216 calories per serving Source of Vitamins A, C, D, Thiamin, Riboflavin, Niacin

Tested in The American Home Kitchen

## California trifle

$1 / 2$ pkg. vanilla pudding
1 cup milk
1 pkg. white cake mix

Preparation time:
1 hr. plus overnight chilling
1 1-lb. jar apricot jam or jelly $1 / 2$ cup heavy cream, whipped Tinted coconut

Combine the vanilla pudding and milk in saucepan. Cook over medium heat, stirring constantly, until mixture just comes to a boil. Cool. Prepare cake mix according to directions on package for two eight-inch layers Split each layer in half. Spread a thin layer of apricot jam between layers. Spread cooled pudding over top and sides of cake. Chill overnight. Just before serving, cover with whipped cream. If desired, sprinkle with shredded coconut lightly tinted with vegetable coloring.
Makes 6-8 servings
270 calories per serving
Source of Vitamin B complex, Protein, Calcium
Tested in The American Home Kitchen

Preparation time: 40 min .

2 cups sifted all-purpose flour
3 tsp. baking powder
$3 / 4$ tsp. salt
1/2 cup shortening
$1 / 2$ cup granulated sugar
2 eggs, well-beaten
1 cup milk
$1 / 3$ cup chopped salted peanuts

Sift first three ingredients together. Cream shortening, add sugar gradually continuing to work until light. Mix eggs and milk. Add flour alternately with egg mixture to sugar mixture. Turn into greased $9^{\prime \prime}$ square pan. Sprinkle salted peanuts on top; and bake in hot oven of $425^{\circ}$ F. $20-25 \mathrm{~min}$. Serve hot. Makes $10-12$ servings. (If desired, Sally Lunn may be baked in greased $2^{\prime \prime}$ muffin pans for same time period.)
Makes 14-16 muffins $160^{\circ} \mathrm{F}$. About 30 min . before meat is done, remove rind from ham using a sharp knife or scissors. Cut fat surface with knife into squares or diamonds. Stick whole
clove in center of each square. Glaze with mixture of $1 / 4$ cup brown sugar and clove in center of each square. Glaze with mixture of $1 / 4$ cup brown sugar and
$1 / 4$ cup canned crushed pineapple. Return ham to oven to finish baking. Or slice uncooked ham $1 / 4^{\prime \prime}$ thick; trim off rind. Rub hot skillet with piece of
ham fat. Brown slices on both sides. Reduce heat to moderate and continue frying ham, turning once, until tender-about $5-6 \mathrm{~min}$; if $1 / 2^{\prime \prime}$ thick, about $8-10 \mathrm{~min}$; if $1^{\prime \prime}$ thick, about 16 min ,
Cover the Bone-in Piece

Cover the Bone-in Piece with boiling water; add a few celery tops, a few whole
black peppers and 1 sliced peeled medium onion or 1 peeled clove garlic. Cover; simmer until tender, about 33 min . per lb . Remove from liquid, remove rind and
use ham, cut up, in casserole dishes, salads, or sandwiches. Use stock for soup.


## fancy muffins-quick!

To corn-muffin mix add I cup diced ham. Excellent with light luncheon salads.

To your favorite muffin mix:
I. Add $1 / 2$ cup frozen peas
$1 / 2$ cup grated raw carrots
Fold into muffin mixture. Supplies 2 vegetables with your salad meal.
2. Add I cup drained, crushed pineapple. Fold into muffin mixture. (Muffins do not take kindly to much mixing.) Good with ham.
3. Add I cup coarsely grated Cheddar-type cheese (not processed). Good with all salads, most meats.
4. Substitute tomato juice for other liquids. Pink, pretty, and good.
food as good as theirs. They, in turn, had inherited their recipes, and for centuries before them they had been "good victuals." To them, as to me, wine or liquors are merely another ingredient, and I'd as lief leave out the fish as the wine-so inseparable are they to the final result. Which reminds me-the other day I browsed through Martha Washington's cookbook-and while I do not wish to hide behind that estimable first lady's skirts-she, too, found wine and liquor indispensable to the fine food which made her famous as a hostess.
Now all of this is for those readers who have violent convictions on this subject, and not an apology. It is quite true that veal and fish and cakes can be mighty good victuals without wine or liquor. But it is unwise-and unfair-to substitute ingredients and call them by this name. In each issue there will be enough recipes so that all may find a few to their taste, and I hope that my own experiments with "quickies," readyPLEASE TURN TO PAGE 74

## Good Victuals <br> (Begins on page 61)

FOR YOU. MADAM, plenty of things to make the doing, as well as the eating, more exciting. If your family doesn't "care for fish," I am willing to wager a week's pay they will like this one, as subtle in "smell" and color as it is in flavor. And the beautiful cucumber ice is something you do with your left hand-it's that easy-as are the muffins, the desserts, and the beets. There's no long cooking over a hot stove, yet there's nothing ordinary-looking in taste or appearance. So if spring has made the family appetites lag-here are picker-uppers far more palatable and just as efficacious as grandma's sulphur and molasses.
In the two issues in which I have presented some of my pet recipes, you will have noticed that I use wine or "likker" quite often. I should like to tell you why. First, my recipes have been collected from good cooks all over the world. I have followed their directions to the letter-because I wanted to bring forth


## fish in wine sauce cucumber ice

Grate in large mixing bowl: 2 large cucumbers If watery, press out excess water
Mix with: $1 / 2$ cup sugar 2 cups boiling water
Fold in 2 egg whites.
Tint pale green.
Freeze in refrigerator tray.
Mix once again when edges set, but do not freeze too stiff.

In top of double boiler, over boiling water
mix: $1 / 4$ cup sugar
I tbs. cornstarch Rind and juice I lemon Well-beaten yolks of 4 eggs
Heat: I pt. white wine with $1 / 4$ cup butter. (Do not boil)
Add to first mixture.
Stir constantly until thick.
Add: Salt and cayenne to taste $1 / 2$ cup seéded and skinned grapes (small white seedless grapes need not be skinned)
Pour over fillets of white fish which have been poached in wine or milk.
Garnish with blanched and slivered almonds.

## - beets in orange sauce

Melt in top of double boiler: 1 tbs. butter
Add and mix well: 4 tbs. brown (dark) sugar
${ }^{1} / 2$ tbs. flour or cornstarch
Add and stir constantly: $3 / 4$ cup orange juice
Rind $1 / 2$ orange
Cook until thick
Add: $1 / 8 \mathrm{tsp}$. salt
1/8 tsp. sugar
$2^{1 / 2}$ cups diced cooked beets
Equal parts of finely chopped cooked beets and raw cabbage, with minced onion, brown sugar and horseradish to taste-marinated and cooled in refrigerator, is quick and also very good with fish.

## - veal scaloppine <br> (gourmet quickie)

For $4-5$ servings, I lb. veal, cut not more than $1 / 4^{\prime \prime}$ thick.
Pound veal until paper thin, cut in pieces or squares (about $3^{\prime \prime}$ ). Rub with flour, salt and pepper. Sauté in butter until both sides are golden brown. Remove to hot platter, or use very large frying pan and push to one side.

Add 3 to 4 tbs. Marsala wine and any leftover meat gravy on hand (excepting ham or bacon), 2 tbs. butter.

Stir and cook for 5 minutes. Pour over the hot, cooked veal.

## What's Trullip? (cesta on pees st)

The food is simple, but, with a little twist here and there, it takes on a party look. Jellied sea food or chicken salad prepared in a shallow pan, covered with mayonnaise and cream cheese blended, is cut in oblongs, each piece decorated with two half slices of tomato put together to form a heart. The bread is arranged in thirteen slices, fanned out like a bridge hand. Open sandwiches of cream cheese are decorated with radishes and ripe olives cut like the symbols on the cards.
For dessert, make a two-layer cake from your favorite recipe, or a good cake-mix, cover with 7 -minute frosting, outline a heart on top from little heart-shaped red cinnamon candies. If you have a heart-shaped cake mold, so much the better.
please turn to page 64


Molded chicken or sea-food salad, with tomato slices forming a "heart"



Nabisco loves cookies! thatio why they make em so good! anion n
to be

## this good

 got to be FIG NEWTONS CASE are in a class alone. The tenderness of the golden cake - the lam filling are of the fig jam and and seNabisco's pride and rescree! Serve them for doesset, enjoy them any time! the one
## so many ways <br> What's Trump? <br> (Begins on page 54)



PARTY SALADS or hearty salads Rasperry take to Real Mayonnaise! Rkerry gelaMousse: Dissolve 2 pkgs. add 1 tbs. lemon tin in 3 c . hot $1 / 4$ - inch layer of gelatin in juice. mould. When rest of gelatin is c. Real thickened, beat fluffy; add. Chill. UnMayonnaise. Put in Cream Mayonnaise: mold; serve $1 /$. Real Mayonnaise and $1 / 3$ Combine $1 / 3$ c. whipped.
heavy cream,

## BEST FOODS


corsages, easily made with black and red mat-stock symbols. Pierce hole at top, tie pink ribbon bow to each; slip 6" spool wire in back loop of bow, bend in half. Wrap wire with I/2" strip of Nile-green crepe paper cut across grain. Stretch crepe as you wrap. Group several in a $4^{\prime \prime}$ doily. centerpiece, same procedure as corsages. Then cut three pieces of ${ }_{7}$ wire in 8,10 and $18^{\prime \prime}$ lengths. Wrap each with $3 / 4^{\prime \prime}$ green crepe cut across grain. Wrap 3 lengths again separately putting symbols on wire 4 " and 5 " apart. Wrap wire $21^{\prime \prime}$ long twice with 2 symbols at top. Arrange four lengths in kettle.
favors. Cut 3 hearts from red mat, about $2^{\prime \prime}$ in size. Cut red strip $3 / 4^{\prime \prime}$ wide, $6^{\prime \prime}$ long. Along $6^{\prime \prime}$ edge make a tab fringe $1 / 2^{\prime \prime}$ deep. Apply paste, place around a heart to form box. Fold tabs onto bottom. Cover bottom with second heart, use third for cover. Make hole in top of heart cover and box band for pink bow and place card.
Diamond-Make tiny ring from strip silver passe partout $1 / 2^{\prime \prime}$ wide, $4^{\prime \prime}$ long. Fold in half lengthwise. Moisten glue side; stick together. Glue ends together to form ring. Glue two $\mathrm{I}^{\prime \prime}$ squares silver passe partout together for stone. Fasten ring and place card on top of diamond shape. Add pink fluffy bow.
Spade-Cut $2^{\prime \prime}$ square white paper. Cover both sides with silver passe partout. Cut square into spade shape. Curl wide edges slightly over blade. For handle, bend $12^{\prime \prime}$ piece wire in half. Wrap double wire several times with strip medium pink crepe cut $1 / 2^{\prime \prime}$ across grain. Wrap until handle is $3 / 4^{\prime \prime}$ in circumference. Paste base of spade around one end of handle. Cover pasted strip with band red mat $1 / 4^{\prime \prime}$ wide. Fasten black-mat spade and place card to handle with pink ribbon.

Club-Bend $12^{\prime \prime}$ piece spool wire in half. Wrap several times with strip medium-pink crepe cut $1 / 2^{\prime \prime}$ wide across grain. Wrap one end heavier than other to form shape of baseball bat. Fasten black-mat club and place card to bat with pink ribbon bow.
tally. Cut red mat stock $41 / 4$ wide, $5^{1 / 2 \prime}$ long. Bend in center to form book $23 / 4^{\prime \prime} \times 4^{4} / 4$ ". Write "Tally" on cover with white crayon or paint. Paste card symbol on $2^{\prime \prime}$ square white mat. Paste square below word tally. On inside of back cover make two slits ( $1 / 2^{\prime \prime}$ from top and bottom). Draw narrow ribbon through slits from back. Bring ribbon over top edge and paste on back. Allow ribbon to extend $I^{\prime \prime}$ below bottom of book. Paste end of ribbon between two tiny kettles. Draw tally lines inside.

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Now you can modernize your refrigerator for \$11.95 with DORAY DEFROSTER. Combination clock and automatic defroster with Telechron movement. Just hang on wall
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IDEAL GIFT FOR MOTHER DAY AND JUNE BRIDES

## DRAY <br> AUTOMAT <br> m EfROSTER

HANG ON W PLUG IN THAT'S ALI

Guaranted b Toble setting ( $\mathrm{D}, 54$ ) Dining table ond Spring; Silver- "Spring Gorden," Holmes \& Ed wards; Milk glass dinnerware, Westmoreland Glass Co.; Copper teapot, The Post Mart, Inc, Lemon dish, Imperial Glass.

## MARY PRESPER

## - BABY FOOD <br> Iis Basic!

If you would eat better, sleep better, feel better, and live better, take a look at baby.

IIoctors, public-health nurses, nutritionists, researchers, and modern industry have brought much interest, hard work, and knowledge to the aid of young parents. Especially is this true of baby food.

The babies of this era are, we think, proof-positive that the selection of food to maintain good health is of paramount importance. The story of baby's advance on the road to right eating shows less infant mortality, less infant disease, fewer howls before dawn, better growth, bigger smiles, and bigger appetites!

Small wonder the babies of today have big appetites. Excellent foods are being prepared especially for them. Farmers harvest the pick of the crop for them. Manufacturers study and use methods that conserve to the utmost the precious nutrients in foods. Scientists hang over cribs watching the effects of infant feeding. Above all, watchful parents are forgetting food prejudices while they accept foods recommended by their pediatricians and nutritionists.

Babies are not born with food prejudices; they acquire them from observation and attitudes of their elders. Not long ago a government nutritionist reviewed the amazing variety of foods that babies have at their beck and call and she said, "Just think, we are raising a generation who will like squash and liver!" In comparison with the "good old days" when baby's diet was milk and gruel, we now have an awesome parade of some fifty strained and specially chopped ready-to-serve baby foods on our grocer's shelves. The latest of these products is meat; many babies are introduced to strained meat when only a few weeks old.

It has been found that babies do better (just like adults) if they eat a variety of foods. The pick of fruit and vegetable crops the year round brings peaches, apricots, apples, plums, as well as sweet potatoes, squash, green beans, peas, and many others right to baby.

A recent national survey showed that one sixth of the people who eat prepared baby foods are adultsoldsters who know the importance of good digestion and good eating!

We don't have to outgrow prepared baby foods. They are grand to use and mix into desserts, sandwich spreads, canapé fillings or as ingredients in many main dishes.


## DOLLE ta S prightio



Bring your baked ham to the table encircled with Dole-style sweet potatoes. Mold cooked, mashed, seasoned sweet potatoes into balls. Top each with half a marshmallow and a Dole Pineapple Chunk. Bake until marshmallows melt and Chunks turn a golden brown.
new fruit cocktail, too! 3
 doors and drawers . . . all-steel ed construction . . . chrome fit. Whether you're building or reeling, you can buy Kitchen-Kraft e unit at a time or a complete en on easy budgorms. See your nen-Kraft dealer.


TT MFG. COMPANY, Dept.A.55, Galeshurg, Illinois nen: Please send me a copy of your illus- I troted kitchen-planning book
HLook What's Cooking in Kitchens" with novel-color selector section. Enclosed is 25 c to cover handling costs.
IPLAN TO I PLANTO BUILD REMODEL


## Yes, you can afford this carpet luxury!

## Bigelow's

## "CHORALE"

Magnificent new weavers' masterpiece about $10.95^{*} s q . y d$.

Look-again luxury at a guess-again price! That's "Chorale" for you. And we do mean you-if you yearn for the finest, yet have to obey a budget.
Rich sculptured effects you'll find in carpets costing plenty more! Made of finest imported wools, Bigelow-treated to keep "lively"through years of service. Two-texture effect formed of smooth wool yarns plus hardtwist yarns "Permaset" to stay twisted, even under hard wear and wet shampooing.
Prove to yourself that you can have the kind
of carpet you've dreamed of owning. Ask your Bigelow dealer to show you magnificent new "Chorale."
No matter what style you want, or what you want to pay, Bigelow gives you a wide, wide choice of unbeatable values! Convenient terms at most dealers'.
Consult "Bigelow Home Decorator." This booklet tells, shows how to achieve beautiful rooms. Get it from your Bigelow dealer, or send $25 ¢$ to Bigelow's Home Service Bureau, P. O. Box 859 , New York 46, N. Y.


Easy to suit your color scheme: Four most popular decorator shades: Beige, Green, Rose, and Grey.
Easy to suit your room-planning budget: For example, look! A 12 ' x 15 ' carpet of superb "Chorale" will cost you only about $\$ 229.50$.* $9^{\prime} \times 12^{\prime}$ size for only about \$137.50!*
*Slightly higher in the West.



## Yesterday's women

used washtubs, washboards and clothespins! Why is it that so many modern women are pinned to the clothespin, living without the convenience of an automatic clothes dryer? The clothespin belongs to the Dark Ages of household drudgery. Today's woman can dry clothes the Hamilton way, ready to iron or put away! Today's woman avoids the backyard backache of heavy clothesbaskets. She saves hours on washdays and she ignores the wind and weather. She's got grandma beat a mile with her Hamilton Automatic Clothes Dryer! If you want to know more, see your Hamilton dealer or utility company.
 Write to Depl. AH-350 for free booklet on clothes drying, home laundry planning.
HAMILTON MANUFACTURING COMPANY, TWO RIVERS, WISCONSIN

## Woman's Work Is. Quickly Done

(Begins on page 67)


## SYSTEMATIC HAND DISHWASHING CUTS TIME MORE THAN HALF

A comfortable stool at the right height, methodical rinsing of silverware, glasses, dishes beforehand will save time, energy. Work from left to right, or vice versa, but don't switch in the middle of your work. Keep hand lotion handy
on how to cut it to the bone. First of all, there's that wonderful little genie, the dishwasher. Naturally, if you serve three meals a day, you'll never use anything else after it's once tried. It saves time, it saves energy. For instance, it isn't necessary to wash your dishes three times a day with the dishwasher. You can place your dishes in the machine after each meal, then do them all at one time in the evening.

Don't use soap in your dishwasher. Lots of trouble can be avoided if you use the special detergents which you find on any grocer's shelf-besides which, it only requires about a dozen packages a year if you use these, as against some 25 packages of soap or general detergent for hand dishwashing.

If you find, for the time being, that washing dishes by hand is your fate, there are certain rules you can follow which will cut your time and effort down considerably. First of all, sitting down on a comfortable stool, placed at the right height, will save your feet and back. Then, too, try stacking your dishes in a methodical way as you scrape and rinse them. Wash them either from right to left, or vice versa, but be sure to stick to the one direction for the greatest efficiency. If the bottom of your sink isn't high enough, try placing a wooden rack under your dishpan. Use a good rubbercovered dish rack to stack them systematically as you wash and scald them at the end. Dry the glasses and silver, but leave the dishes to drain. This saves wear and tear on the dish towels, on you, and is far more hygienic. If you're the type who can't stand to see your kitchen decorated with a single dish that ought to be in its lawful place, scald them with extra-hot water. Then you can put your plates away immediately after the glasses and silver-still without using a towel.

Naturally, there's not one of you reading this article who doesn't know how to do everything we've mentioned above, but if you're like us, you're apt to overlook many of these hints in the bustle of cleaning up the stuff in a hurry. Try to remember all these little please turn to page 70

## It＇s Here！The New Revolutionary

## WITH THE

## CONVENIENCE

 －ローーーーーーーーー LEVEL OVENNo Stooping！ No Bending！


## Never Before a Range Like This！

Here it is ．．．the dramatic new Uni versal Select－a－Range．The first ma－ jor advance in electric range design in 25 years brings you the sensational no－stoop＂Convenience－Level＂oven with de luxe cooking features ．．． right or left hand ovens ．．．three times more storage space！
Yes，here＇s a wonderful new cooking experience for you．From now on you can bake，roast and broil at＂Conven－
ience－Level＂．．．the right level for you．No more bending over a low conventional oven．Select－a－Range banishes tiresome stooping to tend a roast or bake a cake ．．．the struggle to lift a heavy steaming－hot turkey from the oven．

This is the range designed with you in mind．．．with everything you＇ve al－ ways wanted．See the Select－a－Range at your Universal dealer＇s today．

Right or left hand oven set to fit you at the height you select． your own＂Convenience－Level． No stooping ．．．no bending！
It＇s completely automatic！ Push－button pre－heat．Automatic Timer controls oven．Fast 7．heat ＂Monotube＂units swiveled for easy cleaning．

Three times more storage space puts all your utensils and cutlery right at your fingertips！

Over 25 Select－a－Range variations．See how Select－a－Range flexibility fits every cook－


ing need．Send for your copy of Universal＇s new Kitchen Planning Guide with six Select－a－ Range kitchens designed by Royal Barry Wills．


LANDERS，FRARY \＆CLARK NEW BRITAIN，CONN．
Send me my copy of the Select－a－Range Kitchen Planning Guide with six new Royal Barry Wills kitchen plans in full color．I en close 15 c to cover handling and mailing．

## NAME <br> ADDRESS

CITY $\qquad$


Mrs. Martin E. O'Shaughnessy, Chicago: "Sure, I tried those other glass cleaners. What a time I had rubbing that dust out of the corners of my windows! I'm going back to Windex Spray-for good! It's nice and simple to use, and best of all, it cleans glass beautifully!"

## Here's why they changed Gack to WINDEX SPRAY!



Virginia Lee Kohutek, Corpus Christi, Texas: "I hate any kind of dust! Other cleaners dry on my windows and leave 'dandruff' all over them. Windex Spray you just have to spray on the glass, wipe off right away! It's a lot neater, and a lot easier!"


Mrs. Edward Zensinger, Weehawken, N. J. "I'm going back to Windex Spray! I tried other glass cleaners-but the easiest is still Windex Spray! It doesn't streak or run, and there's no dust left in the corners!"
Copr. 1950, by The Drackett Co.

# WINDEX ${ }^{\ominus}$ Spray <br> 6-ounce bottle Even thriftier in the still only <br> 154 <br> 20-。 

AVAILABLEIN CANADA

# Woman's Work Is Quickly Done <br> (Begins on page 67) 

details the next time you attack this thankless job, and you'll be surprised how much easier it'll be. Well, maybe someday we'll all be rich enough to throw them away after each meal, but until that time comes-let's all face the dishpan with a smile!

Then, too, there's always the chance that some of your devoted family will roll up their sleeves and give a hand, but it has always been a source of wonder to us how eagerly our little group of loved ones will skip to the table when dinner's ready, and how eagerly they dance as far away as possible from the kitchen's vicinity the minute dinner's over! Oh, we do know a few finicky women who can't stand to have anyone "messing around in my kitchen" and would much prefer to do the work themselves. As for us, you may certainly give us a hand, and make it snappy, please!

## Spotlight of the Month

$\mathrm{N}_{\mathrm{i}}^{0}$TOMAN'S WORK IS QUICKLY DONE!" has been selected as the May American Home Spotlight of the Month. Below is a partial list of the stores that are co-operating with The American Home publishers in developing the educational theme of this article, which is designed to help readers with their homemaking.
Altoona, $\mathrm{Pa}-\mathrm{Wm}$. F. Gable Co. Bridgeport, Conn.-Howland Dry Goods Co. Charleston, W. Va.-Coyle E Richardson, Inc. Chicago, III.-The Fair
Cincinnoti, O.-John Shillito Co.
Dallas, Tex.-Sanger Brothers, Inc.
Dovenport, lowo-M. L. Parker Co.
Detroit, Mich.-Crowley, Milner \& Company Great Falls, Mont.-The Paris
Green Bay, Wis.-H. C. Prange Co.
Hammond, Indiana-Edward C. Minas Co. Hartford, Conn.-G. Fox $G C$ Co. Houston, Tex.-Foley Brothers Lansing, Mich.-J. W. Knopp Co, Little Rock, Ark.-Gus Blass Co. Louisville, Kentucky-The Stewart D. G. Co. Lynchburg, Va.-Guggenheimer's, Inc. Mansfield, Ohio-The M. O'Neil Compony Memphis, Tenn.-B. Lowenstein $G$ Bros., Inc. Milwaukee, Wis-Boston Store Minneapolis, Minn.-The Dayton Company Omaha, Nebraska-J. L. Brandeis $G$ Sons Pendleton, Oregon-C. C. Anderson Co. Phoenix, Ariz.-Korricks, Inc.
Portland, Ore.-Meier $G$ Frank Co.
Rochester, N. Y.-McCurdy G Co., Inc. St. Louis, Mo.-Famous Barr Co. San Antonio, Texas-Joske's of Texas San Diego, Calif.-Walker-Scott Corp. Springfield, Mass.-Forbes and Wallace, Inc. Springfield, Ohio-The Edward Wren Store Tacoma, Wash.-Rhodes Bros. Tulsa, Oklahoma-Brown, Dunkin D. G. Co. Woshington, D.C.-The Hecht Co. Wichita, Kansas-Geo. Innes Co. Williamsport, Pa.-L. L. Stearns and Sons Yakima, Washington-Barnes-Woodin Co.

Feels Years Younger


Are sleepless nights and nervousness acting as a drag on your career?... making you feel old and worn out? Then, read this encouraging state ment by a man who feared his advancing age-until he made an important discovery:
"Nights of sleepless tossing and turning made me feel old and tired -unable to meet the business competition of younger men. But my doctor put the blame on 'coffee nerves' and suggested I switch to postum. Now, with nervousnes: gone, I get 8 hours sleep every nigh and I literally feel years younger!'
scientific facts: Both coffe and tea contain caffein. And caf fein is a drug-a stimulant which acts upon the brain and centra nervous system. Also-in suscepti ble persons-caffein tends to pro duce harmful stomach acidity. So while many people can drink cof fee or tea without ill-effect, other: suffer nervousness, indigestion sleeplessness. But postum contain no caffein or other drug-nothind that can possibly keep you awak or upset your nerves!
make this test: Give up coffeegive up tea-drink postum exclu sively for 30 days-and judge $b$. results! Ask your grocer today fo instantpostum-AVigorousDrin made from Healthful Wheat an Bran. A Product of General Foods

## HOT WATER -plenty of it!

With the finest water heater you can buy-G-E

Safe...no flame, no flue, no fumes! Completely Automatic-hot water when you want it!
Dependable . . . backed by liberal 10-year protection plan!
Easy on the pocketbook!
Insist on a G-E Water Heater... see your dealer, today!

## AUTOMATIC ELECTRIC WATER HEATER

 GENERAL (3) ELECTRI REPAIR TOILET SEATS WITH PLASTIC WOODEASY! No skill required. Handles like putty . . . and


## ©GADILAC E VACUUM CLEANER

...first aid to rugs and furnishings, too, because Cadillac removes dirt thor=oughly and safely-keeps. colors bright and fresh.

Take a few
minutes' shopping time now to save hours of cleaning time later. See Cadillac in action. Compare its dirt getting power with that of any cleaner at any price.


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## ADLLIC CLEANER

 evaluing Bnesh and CLEANERSVACUUM CLEAN
only by relioble deole soles. only by reliable dealers


## Make Braills Save Feet...

## RUTH K. GOODWIN

'm a busy person with a house, a family, and ever so many hobbies. I used to plod through the daily routine while little imps marched across my brain like men in a picket line, waving a banner for each of my hobbies. Somewhere I found a favorite saying of my aunt, "Make brains save feet." Already my mind was spinning but I knew I must find timesavers for work.

My family loves food and lots of it. Since there are over a thousand meals to be prepared a year, I developed some good short-cuts. I made menus for weeks in advance. If the day is not to be a particularly busy one, there is more time for food preparation. If there is a club meeting, I plan an oven meal, set the controls before leaving. I buy prepared mixes and also serve wholesome one-dish meals. Imp number one drops out of the picket line.

Good equipment is a must for a quick and thorough job of washing. Sudsing and rinsing is a timed routine, but short-cuts from there really count. The trousers go on stretchers. Towels, pillow slips, and sheets are hung straight and folded carefully so they are ready for circulation again. Baby's tiny anklets are pinned to the dress they match and none are lost. When the clothes are dry, they are sorted as they come off the line.
As I iron, I stack each person's clothes together. Shirts, dresses, and blouses are put on hangers. Now even fewer imps are demanding time.

A big paper bag is a catchall for toys as you make the early morning rounds of the house. I make a clean sweep as I go, so there is no need to back-track and a few imps are brushed out of the line. I carry wastepaper baskets to the basement when I go to refuel the furnace.

The arrangement of kitchen utensils is very important. They must be near the working space and easily reached. I can't save time if I have an avalanche each time I reach for a pan. Spices are arranged on steps so the labels are legible. The electric mixer is always connected at the outlet, ready for instant use. Trays save many trips to and from the table.
I don't let the dishes browbeat me; they have only a passing acquaintance with the towel due to the synthetic detergents and scalding water.
When the dust cries, "Here I am," I answer back, "So what?" I sing a lively tune as I hang the clothes. The imps now have little to complain about. They gained the time they desired. They have folded their banners and left the picket lines.


- Just two hungry people at your house tonight? You can satisfy those appetites in minutes, with a delicious dinner cooked in your MIRROMATIC "4." But, the whole family's coming for Sunday? No problem at all with MIRRO-MATIC!

Use a " 6 " or an " 8 " to speed-cook your roast. You can do two vegetables, quick-time in either the "4" or the " 6 ." Your third MIRRO-MATIC will whip up a dreamy dessert in no time at all. And you'll have plenty of time to chat with the folks, while you're "cooking without looking" ... the easy, MIRRO-MATIC way!

Start your set with the new 6 -quart MIRRO-MATIC " 6 ," the ideal inbetween size. Add the " 4 " and the " 8 " as soon as you can. Then you'li be ready for any cooking requirement and have generous canning capacity for the days when canning can't wait.

All three MIRRO-MATICs look alike, except for size. All have the selective pressure control that automatically prevents pressure from going higher than your recipe requires $\ldots .5,10$, or 15 lbs . All have gracefully domed covers, V-type Neoprene gaskets, fusible safety plugs, cool handles, and convenient side-grips.

ADMIRAL, COOLERATOR,
CORONADO, CROSLEY, ESTATE, FIRESTONE, FRIGIDAIRE, GIBSON, MARION, NORGE, and WESTINGHOUSE Ranges now feature MIRRO-MATIC
Deep-Well Pressure Cookers.


Get MIRRD-MATIC at department, housefurnishing, and hardware
stores, wherever dealers stores, wherever dealers
sell the finest aluminum sell the finest aluminum.
4-qt. \$12.95 (West 13.95) 6-qt. \$15.95 (West 16.95) 8-qt. \$17.95 (West 18.95)

## WIV

Standard or de luxe ... Gas ranges still cost from $\$ 30$ to $\$ 100$ less than the same type run by any other fuel. See the Spring Style Show of smart new models, today!

COMPARE the new 1950 Gas ranges feature for feature with any other modern cooking appliances. You'll find that Gas ranges not only look better (they're more modern, more streamlined)...cook better ...(they're faster, easier, more adaptable
to your special ways) ...but actually cost you less! Up to $\$ 100$ less to buy! Up to $\$ 100$ less to install! Up to $\$ 37$ less to operate yearafter year! Choose yours at your Gas company or appliance dealer's and start saving the difference, today!


FASTEST: Gas
gives you dozens of exactly right heats...from high-boil to low-simmer - the very instant you turn the valve.

COOLEST! Gas burners are out the second you turn them off. Your kitchen stays cooler because there's no long lingering heat. cities . . . as compiled by the U. S. Bureau of Labor Statistics. In 28 out of the 34, Gas costs decidedly less for cooking.

## Kitchen Inollar

(Begins on page 52)
all its grime. Mrs. Bridges is a believer in "using your head to save your heels," so a cart is used constantly whether the family eats across the room from the work center in the kitchen or the meal is wheeled into the dining room.

The rear kitchen door leads directly to an enclosed porch, a spot where the Bridges take up permanent residence from June to September. The kitchen table is moved out and the utility cart continues to shuttle back and forth.
The four plans on this page graphically show what structural changes were made. By the removal or shifting of stairways (an unused one in the Noppel's), we added many square feet of wall and floor space. If you would like to remodel your kitchen, but the budget says no, plan what you would like. Then itemize what you actually need, and finally decide how best to attain your goal. Structural changes may be made one year, equipment may be purchased the following. It may take several years to completely finish the job, but you will have your dream kitchen, and it will last for many years. Our two families figure their improvements as long-term investments for better living.


BEFORE AFTER
binets Cosco
Bridges Kitchen: Westinghouse-sink, refrigerator, range, cabinets $\operatorname{Cosco}-$ utility cart, step stool. Sanitas-wall covering. .hotoge-aphs-Buell-Kraft Studio
terial. Murphy-paint. Armstrong-linoleum. Photogr

Over-all dimensions of Bridges kitchen were unchanged. Stairway removal added 33 sq. ft. Wide window over sink was centered on outside wall. Remodeling objective: Greater convenience and good looks for a 24 -hour workshop


Noppel Kitchen: Servel-refrigerator. Roper-range. St. Char'es-cabinets, sink General Electric-kitchen ventilator. Armstrong-linoleum. Imperial-walipoper. General Simpson-curtain fabric. Cosco-step stool. Photographs-F. M. Demarest

Kitchens becoming smaller? On the contrary they are being enlarged. Sink location remains unchanged, range was moved under shortened window, refrigerator was brought into kitchen proper. Dining unit is Mrs. Noppel's pride


No Stooping Clear to the floor... with Conley!
TWICE AS MUCH FOOD WHERE YOU WANT IT IN FRONT... IN SIGHT. . . IN REACH! those hard-to-find items in finger-ip reach -right in the door! And look -there's a ButterSafe which you've age meatholder-and two transparent frezer-and lift-out shelves--ach Electrosaver Unit, backed by a 5 -year Warranty! You'll be using your new refrigerator for many years -so be sure you 'se. from the the one that gives you all the modelvadors you'll never be satisfied with Woman's seen and priced other
any other refrigerator! Compare them all ...you'll choose Crosley! Angle


Only CROSLEY gives you the

## Theres's More than One Way to Handle A FRESH, RIPE STRAWBERRY!



STRAWBERRY-RHUBARB JELLY

HOMEMADE STRAWBERRY JAM

4 cups prepared fruit 6 $1 / 2$ cups sugar 1 box Sure-Jell
To prepare fruit. Crush completely about 2 quarts fully ripe strawberries. Measure 4 cups prepared fruit into a large saucepan. To make jam. Measure
sugar and set aside. Place saucepan holding fruit over high heat. Add Sure-Jell, stir until mixture comes to a hard boil. At once stir in sugar. Bring to a full rolling boil and boil hard 1 minute, stirring constantly. Remove from heat, skim, ladle quickly into glasses. Paraffin at once. Makes Paraffin at onnce glasses.
about 10 six-ounce

## Ciood Tictuals <br> (Begins on page 61)

mixes and ready-to-use foods may bring me greater fame than those cherished recipes I have collected from others over these many years.

And that brings us to garlic-and sundry other strong-armed flavorings. Here's a subject I am violent about! Why should Americans, exposed to every nationality in the world, not have more curiosity about foodmore adventure in their souls about tasting something new? In my own native parts-New England, to be exact-vegetables are boiled in great vats of water until there isn't a particle of flavor left. They douse on the salt, add a bit of pepper-and occasionally go berserk and use onion. Yet I'll challenge any section of the country to produce better pies and rolls. Most German cooking is not to my taste-yet some things are superb and can't be duplicated in any other style. Armenians and Greeks have a way with lamb unsurpassed by any. Some Jewish recipes I have are out of this world-as are my middleEurope ways with sour cream. And so it goes-the whole world has wonderful things to teach us-and the greatest of these, the wisdom of the French and Italians with a little clove of garlic. So if you encounter it often -and you will-in my recipes, will you please try it $m y$ way?

Before leaving this subject of garlic, I must tell you now a story that's on me. I was attending a very famous cooking class. I had paid my dues in full, had learned much. There were several lessons to go. Came a lesson where I saw before my very eyes brook trout, firm and beautiful from a cold, rushing mountain stream, being smothered in garlic. I bolted, for keeps. What is to me the first principle of all good cooking had been violated. Food so perfect in itself it needed nothing to gild the lily-much less garlic wrapped around it to kill every bit of its natural, delicate flavor. And I feel that way about many foods available in this fertile country of ours with its many growing climates and fast transportation. They don't need to be tiddleypoohed up-they're good as is. But when they do need added flavor or zest-let us borrow secrets from those who have learned to make a gourmet dish from the simplest or poorest of materials. Believe me, cooking will become creation if you will but try new ideas-and don't misunderstand me. I do not mean "new" in the sense of anything to be different nor, heaven forbid, do I mean bizarre. But if, for the same amount of time and effortwell, why not build up a reputation? When Bob Mahn comes in my office and brags about his wife Sue's cooking, I know she must be good, for he likes good eating. And I know she's smart, too. She's always trying out new things on that family!


## Any Salad becomes an

 ElegantSalad when you add Ripe Olives

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caused from cond sation on cold wa pipes. Turn idle ba ment space into play work rooms. Ke store rooms dry. J wrap cork-fill NoDrip Tape arou Wh pipes and joints. Do it yo self. Clean and easy to app Roll covers about 10 TYPD feet of $1 / 2^{\prime \prime}$ pipe, $\$ 1.69$. Higher west of Rockies and Canada. Get at Hardware, Department Stores, or sent postpaid. Write for free circular. J. W. Mortell Co., 524 Burch St., Kankakee, II
 NEW POPULAR BOC SHOWING ALL TYI
 OF HOME ALL TY



GET RID OF MOTHS

## Automatically!

Moth-King . . . new, electric insectdestroyer . . is guaranteed to rid your closets and their contents of moths, carpet beetles, and other fab eating insects-automatically!
SAFE!
Vapors won't harm humans, fabrics, pets. Only Moth-King operates at controlled temperatures, shuts itself off automatically. Approved by Underwriters Laboratories. Operates on $110-\mathrm{V}$. AC or DC current.
SURE!
Moth-King creates a saturated atmosphere of paradichlorobenzine vapor that penetrates to every nook and cranny of your closets-behind baseboards, into floor cracks. Insects can't hide!

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Get Moth-King at leading department and drug stores. Price, $\$ 3.98$ complete with complete with ton renls. Cills, 79 cents.

If unable to buy Moth-King locally, send $\$ 3.98$ for Moth-King and two refills, postpaid. Write Dept. C.
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## Feels Years Younger

"Sleeplessnightsdue to caffein in coffee had me feeling like an old woman-till I switched to postum. Now, with 8 hours sleep every night, I eel - and look years younger!"


SCIENTIFIC FACTS: Both coffee and ea contain caffein. So, while many eople can drink them without harmthers, caffein-susceptibles, suffer nervousness, indigestion, sleepless nights. postum contains no caffein-nothing that can possibly keep you awake!

MAKE THIS TEST: Buy INSTANT ostum today-drink it exclusively for 30 days-judge by results! . . . INSTANT ostum-A Vigorous Drink made from Healthful Wheat and Bran. A Product of General Foods.

[^0]
## Froml the Crumbl Jair

LILA WHLLIAMSON GILLIAM

IIy grandmother kept an old, creamy-white earthenware jar with tight lid on the shelf above her kitchen worktable. It was the most intriguing of all her treasures, which I begged to "play with" when visiting her. But it was the one item I could not have. The jar was always busy-it held bread crumbs.

I am reminded of it each time I get out my crumb jars. Mine are plain mason jars, not fancy like Grandmother's. They contain various kinds of crumbs-bread, sweet-bread, cake, and cookie crumbs.
Saving every crust of bread and even dry, stale cake during recent years has become a habit with me. Now when it is soaring food prices rather than a patriotic duty or sugar-rationing necessity, I find I need those crumbs. They can inspire delicious dishes, nutritious and thrifty, too.
how to "crumb" crumbs
All breads, cake, and cookies must be thoroughly dried out before crumbing. Any scraps that are not sufficiently dry may be baked in the oven until they are dried.
There are four methods of crumbing which are quick and easy: (r) a food chopper will reduce stale bread and cake to the required coarseness or fineness; (2) a rolling pin is excellent for crisp crackers, bread, or cake; (3) a food mill is easy on the elbow and very efficient; (4) the electric blender reduces crumbingtime from minutes to seconds.
storage of crumbs
Keep each type of crumb in a separate, labeled jar-such as Bread Crumbs, Sweet-Bread Crumbs, Cake Crumbs, Chocolate Crumbs. Stored in the refrigerator, they will keep much longer than on the shelf.

## hecipe suggestions

For meat patties, meat loaves, dressings and stuffings, coarse bread crumbs are excellent. Use one-fourth to one-half cup of crumbs for each cup of ground meat for meat loaves.
Crumbs can be buttered for casserole toppings by browning one cup of crumbs in one-third cup melted hot fat in a heavy skillet.
Sweet crumbs make luscious puddings, crisp crusty toppings for puddings, and superb pie crusts.



Use ScotTowels to wash windows-they don't fall to pieces when wet.

## NOW-ScotTowels so strong when wet

## YOU CAN USE THEM LIME A GLOTH :



STRONG WHEN WET! You can put metal polish, cleanser or soap on damp ScotTowels-they don't fall to pieces when wet! ScotTowels are grand for dozens of polishing and scouring jobs!

SOFTER, MORE PLIABLE! A ScotTowel makes a comfy bib for baby... or cover for high-chair tray. . . or a neat place mat for older child. Saves laundering -you just throw ScotTowels away!




[^1]
## Now...

 try this grit-fiee cleanser on your bathtub and sinkIts tough onewom gentle on au surfaces kind to your hands quick pushes as it cleans


## You'll clean your best with

BON AMI

## Hloustadad

## Scuttlebutt



Before using new cotton clothesline, boil it for half an hour. This minimizes stretching and tangling-any knots are easier to tie, too

Soap and water are reliable for cleaning plastic articles. Use to revive brooms, curtains, and wallpaper of plastic

- The scaly deposit left in teakettles can be removed by boiling one cup of vinegar to a quart of water in the kettle. To prevent this scale from forming, keep an oyster shell or flat stone in kettle. When shell or stone has become covered, replace it with a new one
- Piano keys need light now and then to remain white, as natural ivory turns yellow in the dark. Do not clean keys with water, but wipe them with flannel dipped in alcohol or cologne and wipe dry
- Old powderpuffs (washed, of course) are excellent material for cleaning and polishing silverware and metal jewelry
- Stubborn curled corners of small rugs can be remedied by cutting corners of linoleum to match and punching with holes for sewing to underside of rug. The stitches will be lost in the pile

Don't throw away old candle stumps. They can be used for rubbing over an ink-written address on a package several times to protect it from smears, rain, and snow

Here is a tip on tapers. To increase the burning time of candles, chill them in the refrigerator for about twenty-four hours before they are to be used


## Westinghouse Gtrinouncces

# The World's First and Only Fully Automatic 

## REFRIGERATOR

It's Here! The Only Refrigerator That Automatically Defrosts Itself . . Automatically Disposes of Defrost Water...Does It So Fast Even Ice Cream Stays Hard

This is it! The greatest refrigerator development in the last 20 years. Now, for the first ime, you can truly forget all about defrosting. With the revolutionary new Westinghouse 'Frost-Free" Refrigerator you can wipe the word, and the work, right out of your mind.

Think what that means. No more frost to crape . . . no more water to carry and empty, and no more floors to mop when it spills . . . oo more melting and refreezing of ice cream and frozen foods, they never get a chance to haw . . . no more food to remove and replace tgain . . . no dials to set or clocks to turn.
In fact, with this great "Frost-Free" Rerigerator, all you have to do is put it in your ditchen . . . and use it!

The new, fully automatic "Frost-FreE" Rerigerator is simplicity itself in operation. You ee, every time your Refrigerator door is opened, varm, moist air flows in. This warm, moist air s what causes frost. When the door has been pened 60 times, the first thin layer of frost tarts to form. So, the "Frost-Free" system utomatically counts the door openings. After he 60th door opening, it swiftly and automatially wipes out every trace of frost. Does it so ast . . . that the temperature of your foods hanges practically not at all. Since the Freeze hest normally operates at zero, your frozen oods, ice cubes, and even your ice cream, tay brick hard always.


## The Amazing Story of Two Identical Bricks of Ice Cream

The ice cream on the right went through a defrosting cycle in the new "Frost-Free" Westinghouse. It came out asyousee it here-still hard, the two flavors still separate and rich.
The ice cream on the left went through so-called "automatic" defrosting in a refrigerator equipped with a defroster. The camera tells what happened. The ice cream had melted, flavors ran together. The ice cream lost its shape, flavor, richness and appetite appeal.

What happens to the frost water? There's very little of it, and that little is automatically evaporated . . . quickly. As far as you're concerned, the defrost water does not exist.

This Refrigerator works less . . . and so does your budget! Since frost never really forms in this amazing new Refrigerator, there's no accumulated frost-resistance to combat. As a result, the Westinghouse Economizer Mechanism operates at peak efficiency... and costs less to run.

Fully automatic defrosting is only part of the story. You get all these marvelous features, too, in the great new "Frost-Free" Refrigerator:

- An Automatic Butter Keeper that keeps a half pound of butter just right for spreading.
- A Meat Keeper that automatically keeps meat at just the right temperature . . . and keeps it that way for days if you don't want to freeze it in the Freeze Chest.
- Two Humidrawers that automatically maintain the right temperature and humidity to keep fruits and vegetables fresh and crisp.
- It even has an automatic door closer, in case you forget to close it yourself.
- And a Sterilamp ${ }^{\text {© }}$ germicidal light guards against transfer of food odors, protects health and insures cleanliness.
In every way, this new "Frost-Free" is today's last word in modern refrigeration.


## All Westinghouse Refrigerators Have COLDER COID

## For Safer, Surer, Food Keeping

Colder Cold means lower temperatures in the Freeze Chest to freeze foods faster . . . to make ice cubes quicker . . . to keep frozen foods safely frozen. At the same time, you get safe, steady cold in the Main Food Compartment, even with zero cold in the Freeze Chest . . . and sure, moist cold in the Humidrawers.

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 APPLIANCE DIVISION - MANSFIELD, OHIO. . . SEE THE REVOLUTIONARY NEW "FROST-FREE" AND THE OTHER GREAT NEW WESTINGHOUSE REFRIGERATORS AT YOUR RETAILER'S NOW

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## There's NOTHING like FELS-NAPTHA!

This exclusive FELS blend of mild, golden soap and active naptha is now further IMPROVED to make your washes whiter and brighter than ever.

Regular users of Fels-Naptha Soap
have discovered a new wash day thrill!
This grand laundry soap-that brings TWO CLEANERS to the job of getting dirt out of soiled clothesnow contains the newest up-fo-the-minute ingredients for making your family wash whiter and brighter!

Women who use Fels-Naptha find all their white things whiter than ever-their washable colors brighter-their whole wash completely, fragrantly clean -as only Fels-Naptha does it!


We suggest you follow the advice of these delighted Fels-Naptha users. No matter what laundry product you have used, including the so-called 'miracle' detergents, see if you don't get better results with improved Fels-Naptha Soap.

## Fels-Naptha Soap

ban/shes "tattle-tale gray"



Mrs. Bradley recalled the incident of the pink dress she'd forced on Sally. "You may not like the color, but it's becoming," she'd replied to Sally's protest. In matters of this nature, a child has a right to be consulted


Imancery menninex amd Matian mowatr isn't that I don't love my child," Mrs. Bradley told the psychologist at the child guidance clinic. "I worship her! I've done everything I can to make her happy-made lovely clothes, given her nice books and toys. But it's done no good. I've made a terrible mistake somewhere. Sally hates me!"
Mrs. Bradley had made not one, but many mistakes in bringing up her child, but the psychologist's first words were reassuring. "The truth is that children do sometimes hate their parents," he said. "But they generally love them, too."
"Actually, in one way you're fortunate," the expert continued. "Sally gave vent to her hatred-if that's what it was-by scribbling 'I hate mother' on the blackboard in her room. She expressed herself freely, didn't seek escape from tension by lying, stealing, running away."
Mrs. Bradley was further relieved to learn that her problem was by no means unusual. That very morning the psychologist had interviewed a five-year-old named Patty who primly smoothed the ruffles on her skirt as she informed him, "Sometimes I wish my mother were dead!"
But how should Mrs. Bradley respond to frank expressions of dislike? She should try to control her own outraged feelings and "count to ten" while she considers the fact that punishing a child for hateful words is attacking a symptom, not curing a disease. A quiet "Well, Sally, I suppose we all feel that way sometimes about people we really love. You'll feel better after a while" is likely to



## EASY does "extra things" for extra value...saves on cleaning bills

DUT on your Easter Bonnet and go see your Easy dealer!
Let him show you the one washer that really makes Spring cleaning Easy... the new Easy Spindrier with 3-minute Automatic Spin-rinse!

Easy safely washes things you'd never dream of putting in any ordinary washer. Blankets are fluffy-like-new...spun damp-dry in 3 minutes! Easy won't wad padding of comforters ... gets slipcovers so uniformly damp-dry, they can dry to fit right on the sofa!

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So Easy to buy on Easy terms. See this great new Easy Spindrier in springcleaning action at your Easy dealer's today! Easy Washing Machine Corporation, Syracuse 1, New York.


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AMAZING NEW GENERAL ELECTRIC DISPOSALL® CAN BE QUICKLY, EASILY INSTALLED IN MOST ANY PLUMBING SYSTEM!


1. So Easy! After scraping food waste into drain opening, you simply lock protecting cover with a twist to the left. Messy food wastes are out of sight, out of mind:

2. This G-E "Wonder" appliance eliminates messy, pesty garbage-the modern, sanitary G-E way. It's the newly designed G-E Disposall! No other method can match it!

3. Now furn on cold water! This automatically starts action in Disposall hidden below. Food wastes are shredded into tiny bits-flushed away to sewer or septic tank.

## THE DISPOSALL

## IS G-E DEPENDABLE!

15 years of pioneering by General Electric have made the Disposall as DEPENDABLE as only a G-E appliance can be. For the average family, the cost of an entire month of operation is just a few pennies.
So why put up with the unsanitary nuisance of garbage in your home any longer? Simply look up your nearest retailer in the phone book under "Garbage Disposal Equipment" for a demonstration of the G-E Disposall! General Electric Co., Bridgeport 2, Connecticut.

## (9) DISPOSALL

accomplish more than a self-righteous "I would never have dreamed of saying such a thing to $m y$ parents."
However, a "gentle answer" doesn't get to the root of behavior like Sally's, nor does it cure the problem. Studies of child behavior suggest what many parents have long suspectedthat it isn't always the kind, good things done for him that a child recognizes. It's the parent as "boss" or dictator who looms large in his eyes, and it's only natural for him to register objections when a parent forbids and punishes. How then is it possible to keep a child's affection without yielding on points essential to safety, health, and happiness?

For Mrs. Bradley, as for many parents, the answer to her child's behavior problem seemed to lie simply in a change of technique-from an autocratic, authoritarian system to a democratic one. Specific ideas suggested were the following:

Whenever possible, ask for Sally's suggestions and take them seriously. In many instances, she has a right to be consulted-when choosing wallpaper for her room, the color of her new dress, the dessert for dinner once in a while. If her choices are out landish in the beginning, she'll learn.

Make a definite effort to listen to Sally's opinions, questions, and stories. She's a member of the family, deserves her share of "holding the floor." She may have to learn that she can't tell the exciting story of the baby robin with her mouth full of supper, but when the food is safely swallowed, her words should receive courteous attention.

Try to make necessary rules seem impersonal, like laws of nature, rather than arbitrary commands. A bright colored vitamin chart tacked to the wall may be a better way of persuading Sally to eat her carrots and spinach than a gruff "Eat it because I say so."

Take it easy on scoldings and harsh punishment. Any mother loses her temper occasionally, but habitual shouting and slapping will have an unhappy effect.

Take time out to laugh and play with Sally, entering into games she likes. Praise her for jobs well done and tell her often that you love her.

Prompted by the psychologist, Mrs. Bradley could remember dozens of small incidents in which she had behaved badly toward Sally. She was astonished that she had never stopped to wonder how the child felt and thought, astonished too, that with the solid affection existing between Sally and herself, she had worried about losing her love. Of course, she had never lost it! Sally's words of hate had been a warning signal-and she would change her ways!


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"Our new Delco-Heat Conversion Burner has turned me into a lady of leisure," writes Mrs. David Ogilvy of Old Greenwich, Conn. "Our 18th Century house used to be an icebox one minute, an inferno the next. Now we revel in the constant, even temperature our Delco-Heat unit delivers so reliably."
Mrs. Ogilvy is one of thousands of enthusiastic Delco-Heat users who have discovered that General Motors products are the best. And Mrs. Ogilvy has nothing but praise for her Delco-Heat Retail Distributor, the Maher Bros. Corp., Greenwich, for their perfect installation.


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(within pump capacity). Ir's quiet - there's only one moving par or anywhere. ... no bulky tank! And self-adjusting capacity feature provid dependable, efficient "city water service for your home. For shallow wells onl
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# How to Indog Sewer Pipes 



IIave you ever surveyed your flooded basement from the stairway and wondered what sort of animal, vegetable, or mineral had clogged the sewer line? Many times it is just plain dirt or grease. Occasionally a confused rodent has run down the wrong hole and started the trouble.

Except for the offending rodent, such stoppages can be controlled by reasonable attention to what goes down the plumbing fixture drains. Dirt and rodents can usually be cleaned out rather quickly with drain cleaners and plumbing snakes.

But there is one cause of basement high-water marks that is more difficult to control . . . tree roots. They wage a never-ending search for water, and grow in the direction of the dampest ground, a brook cloce by, or a low spot where water collects in the slightest rain. If there's a sewer drain near at hand, roots don't hesitate a minute to make full use of that oasis.
Although most sewer lines today are initially impervious to roots, soil settlement tends to work the joints loose, and leave small fissures where thirsty roots may enter. That's why trees are quite often associated with drainage lines.
Once the roots are in the pipe, they send out thousands of root hairs which grow larger, widen the fissures, grow more hairs, and form a tangled mass which eventually stops the flow of water in the pipe.
There are a number of ways of uncorking a line that's plugged with roots. Chemical preparations are available which are designed to disintegrate the root mass. Digging down to the clogged line to repair it is always a sure cure. And there are sewer cleaning service men who have special equipment to cut the root mass out of the pipe without digging. This last method is the quickest, easiest, and surest method of attack on the stoppage.

With a clear sewer line, root growth can be reduced or eliminated by periodic use of chemicals. Special preparations are available, and copper sulphate can be used in a solution of 3 pounds to a bucket of water flushed down the toilet every 2 or 3 weeks during the growing season. Once a month or so will suffice in the winter.
The next time the sewer starts to drain sluggishly, don't wait for a flood. Get the stoppage removed, no matter what type it is.

Behind that closet door is the slim, trim Bryant Winter Air Conditioner which sends springlike warm air to every room in the house all winter long. It takes as little as $1414^{\prime \prime} \times 2214^{\prime \prime}$ of floor space, operates automatically with gas, is built to last many years longer than ordinary furnaces. It's modern heating for your modern home . . sold by better heating dealers everywhere! SIMPLY PRESS A BUTTON! Your only furnace-tending duty, when using city gases, is to push the ignition starter button. fully automatic! Turns on and off automatically to maintain the degree of heat dialed on the thermostat.
CONDITIONS THE AIR! Filters and humidifies air as it is warmed and gently circulated to every room in the house.
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> Sick and tired of scorchy pans?

## How to Inderstand

 Your Chinese Treasures

PART II

IIany other creatures have their significance in Chinese art. The stork implies long life rather than birth, as in America. The stork was once supposed to live to a fabulous age. Also his long legs subtly suggest the long-life wish, as does the long vermicelli or spaghetti served the honored one at a Chinese birthday feast. The deer and the fish are symbols of wealth because of the pun element as in bat and happiness. The tiger and the elephant signify strength according to their nature, and their likenesses are associated with war lords. Monkeys are often carved from seed and these are used as charms against witches and hobgoblins.

The horse is a symbol of wisdom. In the Chinese markets there are often found attractive little replicas of the famous eight horses of Emperor Mu Wang who lived about 1,000 B.C. The horse came, in time, to be so revered for his wisdom that the Manchus adopted the wearing of a queue in imitation of the tail worn by the honored horse.

The toads of the Chinese paddy fields always seemed to come from heaven with the rain. They were good food and became known as "heavenly chickens." Also in legend there was a three-legged toad who lived in the moon. He could at rare times be snared with golden coins. Therefore he became a metaphor for the unattainable; and also he became the symbol of luck in moneymaking. Businessmen like having paperweights and ink-pots in his likeness on their office desks. Sometimes, too, in an office niche or on a business desk one may see the figure of the legendary Liu Hai coaxing the three-legged toad with a gold coin.

Another legendary creature is the hare who mixes the pill of immortality in the moon. At the moon-festival seasons in China, the market stalls are full of hare-shaped toys and lanterns, suggesting our own Easter rabbit season. The hare in design expresses the wish for long life and immortality.
The cat is seldom seen in complex design. He often appears, however, in single, close-up effect or in figurines because he is the protector of the silk industry, the destroyer of the mice which are the worst enemies of the silkworms. The cat therefore seemed to bring luck to the industry long before the law of cause and effect had become evident. A cat of paper or porcelain or metal therefore became a charm against evil forces in the rooms where please turn to page 84
symbols of the eight immortals: 1. Hua Lang, flower basket. Patron of florists. 2. Bo, castanets. Patron of theater. 3. Lien Hua, lotus. The lotus lady. 4. Shan, fan. Magician of souls, chief of the eight immortals. 5. Ti, flute. Patron of musicians. 6. Y $\ddot{u} K u$, bamboo tube, drum. Patron of music. 7. Chien, sword. Warrior diety or patron of barbers (disputed). 8. Hu Lu , gourd. Guardian of travelers


SYMBOLS OF THE EIGHT IMMORTALS

4


6


Symbols illustrating this article are taken from "Chinese Art Symbols," the Oriental culture chart published by W. M. Howley, which pictures 160 Chinese symbols, together with the written language character for each, English pronunciation, a list of their meanings. Many symbols hove multiple meanings, are often subject to controversy among different authorities. There ore 12 Hawley charts on Orientol culture

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Smart, sparkling Congowall is a cinch for home handymen o apply! It has the thickness and sturdiness that mean super wear . . . yet it's flexible and easy to handle. Deeply recessed nortar-like lines make seams all-but-invisible; patented fiber packing means lastingly trouble-free installation!
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It's just plain magical . . . the way Congowall streamlines, modernizes, brightens your kitehen! These clear, gay colors are easy to keep immaculate; that satin-smooth baked-on enamel resists nicks, scratches, wear! No more once-a-year "do-overs" - your kitchen is set for years! Best news of all is Congowall's rock-bottom cost: you can cover a ten-foot wall wainscot-high with Congowall for less than $\$ 6.50$ ! Don't wait another minute - see magical, modern Congowall at your floor covering dealer's today!

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HEYWOOD-WAKEFIELD . GARDNER, MASS.


## Chinlese Treasures (Begins on pase 22)

women fed mulberry leaves to the trays of plumping silkworms. Whiskered cat faces are very frequently seen on shoes and caps of children, symbolic of the protector cat of legend.

The silkworm itself is one of the oldest sources of design for bronzes, porcelains, and embroideries. The curved position of the "recumbent worm" had long been a favorite for borders. It was especially desirable on women's garments and utilitarian bronzes, because the silkworm expressed quiet and patient industry, a necessary admonition for the womenfolk of a household.

The butterfly is much beloved in Chinese art because of its color range and also because of two famous legends. One legend tells of a philosopher who dreamed that he became a butterfly and found extreme happiness in his flights as he sipped the flowery nectar. In another legend, a student was lured by a large butterfly into the garden of a magistrate, where he fell in love with the magistrate's daughter. Thus the butterfly is known as the Chinese cupid. The butterfly carries then the double message of joy and love. It also offers beautiful possibilities for needle and brush.

Because of the great honor given old age in China, Long Life is always the major wish expressed to loved ones on festival occasions. There are said to be a hundred different ways of writing this wish in the single Chinese character, shou. Other single character wishes most frequently used by artists are happiness ( $f u$ ) and riches ( $l u$ ).

One of the oldest of all Chinese motifs is the Eight Trigrams design. Full lines and two-segment lines are arranged in groups of three in all possible combinations. This grouping has been used for more than four thousand years by philosophers puzzling out the affairs of heaven and earth; by weather prophets interpreting the moons and the seasons; and by matchmakers juggling matters of sex and propitious influences. The great German scientist, Leibnitz, borrowed these same trigrams to discover his calculus of variations. These much pondered line relationships must have occurred to some primitive philosopher-scientist when his only solitaire materials were bamboo joints. Some of the oldest picturings suggest this bamboo origin.

For centuries pottery makers have enjoyed the use of the Eight Trigrams. Sometimes they are used as sole decoration with border

the eight precious things: 1. Chu, the pearl. Charm against fire. 2. Fang Sheng, the lozenge. Victory. 3. T' $\hat{e}$ Ch'ing, jade gong. Good luck, discrimination. 4. Hsi Chïeh, horn cups. Happiness, charm against poison. 5. Ch'ien, coin. Wealth. 6. Ching, mirror. Charm against evil influences. 7. Shu, two books. Learning. 8. Ai-yeh, artemisia leaf. Felicity, guard against evil.


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Here's special delight for the modern homemaker! This group has been called by home fashions editors the most exciting collection of new carpets they've seen! What other carpets can boast the charming simplicity-the "uncluttered" lookso necessary to the styles of today? See how Gulistan carpet adds a feeling of casual luxury to each of these lovely roomsthink what it can do for that room of yours! For any style of furniture-for any room in the house-Gulistan is your happy choice. And these long-lasting, high-quality carpets are priced to suit you.
See these at your Gulistan dealer's-in 27 in ., 9 ft . and 12 ft . widths (some in 15 ft .). If you don't know your Gulistan dealer's name and address, call Western Union by number and ask for Operator 25 .
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This wonderful money-saving floor gives you more advantages than the most expensive floor you can buy! It's custom-made for you... laid tile-by-tile in your own individual design ... in any color combination you choose! It's so easy to keep spotlessly clean... resists scuffs and mars.. washes easily with mild soap and water. . needs only occasional no-rubwaxings to keep it gleaming. And Kentile won't wear out...it's guaranteed as long as you live in your home. Even the lovely colors can't wear off, they go all the way through each rugged tile! Be sure to ask about beautiful Kentile floors at your dealer's.

## KENTILE

The Asphalt Tile of Enduring Beauty


Chinese Treasurres<br>(Begins on page 82)

of the conventionalized cloud and thunder pattern, later known as the key pattern. But more often they are grouped around the famous Yang-Yin circle which portrays the positive and negative forces of the universe. The ancient philosophers who originated the design seem to have regarded it as an egg, the source of life, with the masculine (Yang) and the feminine (Yin) elements equally differentiated into light and dark. The syllables themselves mean light and shadow.

More modern Chinese sometimes explain the Yang-Yin circle as the two harmonious fish that hold a balance in the universe. A pair of fish has always expressed marital harmony which in itself involves the proper balance of masculine and feminine forces. Therefore this modern interpretation does little harm to the original idea and perhaps makes it more concrete to the practical minded.

This Yang-Yin balance influences much of the everyday thinking of the Orient: light and shadow, speaker and audience, good and evil, strength and delicacy. Furniture must go in pairs; vases must match; and floral decorations must be balanced against one another. In Shanghai some years ago it was easy to buy a rather expensive vase for a small sum because its mate had been broken. At a Cantonese home two large flowering coxcombs flanked the doorway to give welcome. Their almost perfect likeness was unbelievable. "How could two blooming plants be so exactly alike?" "Perhaps some of the blooms are tied on," was the hostess' answer, and she quickly verified her answer. The need for perfect balance had expressed itself in the gardener's mind. This idea of similarity plus contrast influences artists, calligraphers, philosophers, hod carriers, designers, and cooks. Yang and Yin is their goal for political harmony, for happy home life, and for wisdom in dealing with all heavenly and earthly matters.
The perfectly achieved wisdom that the Chinese honor so highly is well presented in their most loved Star God, Longevity. He is a sort of Father Time and often appears in figurines and pictures with the other two Star Gods, Wealth and Happiness. The eyes of Longevity twinkle because of his wisdom, for he knows the worst and can still smile about it. His brow is heavy with learning. His long ear lobes, thumbs, and snowy beard indicate his great wisdom. He carries the 3,000 -year-old peach staff of immortality. Sometimes a design shows him riding his deer of wealth and plenty, thus suggesting inadvertently our own Santa Claus and his reindeer.
One of Longevity's deified associates, Wealth, is universally honored in China. Various presentations in figurines and paintings show him to be well-fed and proud. He usually wears gold-trimmed robes and carries a $j u-i$, his weapon against the unexpected.
The second of Longevity's associates is the Star God of Happiness. He usually carries a child in his arms. He is the defication of a good citizen who had such great virtue that he was asked to present his son at court, the highest privilege known at that time.
The sacred Kuan Yin, the Goddess of Mercy, though of Indian origin, has long been worshiped in China. She is the giver of sons
and of many other blessings. Because of her Buddhist origin she can usually be identified by some use of the lotus flower: petals in her drapery, blossoms in her hand, or clusters growing at her feet. She is supposed to live in the happy and flowery regions of heaven and this fact is sometimes suggested in leafy design.
Many of the feminine figurines available in China and at times in America represent heroines, famous Helens and Juliets of Chinese legend and drama. Similarly the masculine figurines represent famous heroes, though some of them are merely figures of men of various occupations, such as fishermen, herd boys, poets and scholars.

Also the famous Eight Immortals of Taoism often appear as figurines in American markets. They suggest in a measure the nine muses of Greek mythology. These Immortals are both the source and the product of numerous involved legends. Conventionally each carries a significant and appropriate symbol: (1) the patron saint of florists and gardeners carries a basket of flowers; (2) the guardian of actors, castanets; (3) the lotus lady, a longstemmed lotus; (4) the magician of souls, a magic fan or whisk; (5) and (6) the two patrons of music, bamboo instruments-one a flute and the other a tympanic affair that looks like a golf bag with two clubs; (7) the warrior deity, a magic sword; and (8) the guardian of travelers, a pilgrim's double-necked gourd which has become a favored shape for vase makers. This eighth fairy had bad luck. Once his "itching foot" carried him to heaven prematurely and he was sent back to earth. Alas, a beggar had stolen his body and he had to be content with the beggar's body, lameness, and crutch. Often simply the eight symbols of these Eight Immortals are used in single design or in pairs, with flowing ribbons indicating their sacred nature, as does the halo in our religious portraits.
There are two other well-known sets of sacred religious symbols: the Eight Lucky Emblems of Buddhism, and the Eight Precious Things of Confucianism. The Eight Lucky Emblems sacred to Buddha are: ( I ) the lotus, perfection rising from the slime; (2) the vase with cover, symbol of completeness; (3) the conch shell, source of the voice of Buddha; (4) a pair of fish, metaphor for married harmony; (5) the state umbrella, symbol of authority; (6) the canopy, sign of official rank; (7) the prayer wheel, sacred to the priesthood; (8) the endless knot, intertwined intestine fashion, a symbol of longevity.
Confucianism, a system of ethics, rather than a religion, has chosen from the Hundred Antiques of Chinese Culture eight symbols, known as the Eight Precious Things: (1) the pearl, a charm against fire and other disasters; (2) the lozenge, an old musical instrument of victory; (3) the sonorous stones, good-luck stones; (4) a pair of rhinoceros horns, supposed to sweat in case of poison; (5) a coin, emblem of riches; (6) a mirror, to ward off devils by the horror of their own reflection; (7) a pair of books, symbol of learning; (8) the artemisia leaf, a guard against evil.

Confucianism has also glorified the four fine arts of China: music, painting, literature, and chess. These often are represented on four-sided bowls and elsewhere by a funnel-like flute, rolled painted scrolls, a stack of books, and a chessboard. These emblems are also adorned with the sacred flowing ribbons.

To the Chinese, color also has great significance. There are many colors of jade. Three of the shades most frequently imitated in porcelain are the soft gray green, the very bright green, and the dark boiled-spinach green. The soft gray green, and also a soft



## "For protection from Whesighely wall and celling cracks $=$



Strong-Bilt interiors in Mr. Caldwell's home.

## I built with

 Upson Full-Wall Strong-Bilf Panels"Lumber dealers know building materials For their own homes, they choose the best! O. C. Caldwell of Lisbon, Ohio, is typical of many dealers now finishing their homes with dry-built, full-wall Upson Strong-Bilt Panels.
"Their surface has a rich and delicate quality ideal for unusual decorative effects," Mr. Caldwell writes. "I recommend Upson full-wall Strong-Bilt Panels to everyone desiring artistic crackproof interiors."
Don't risk ugly, creeping cracks. Have the last word in modern permanent interiors, built with crackproof, six-ply panels. Have rich characterful walls and ceilings!

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Send $10 c$ for fascinating building booklet. 32 pages of Strong-Bilt interiors in full color. Arrangements by America's leading decorators. Ideas to help you build, remodel better. Mail Coupon below!

gray blue, both known as celadon, have been adapted by Wedgwood for plain dinner sets.
The Chinese love their eggshell porcelain teacups. This almost glaze-thin ware adds delicacy to their sipping. Old pieces of this eggshell porcelain are rare indeed because its very delicacy dooms it to a short life and a narrow shipping range.
Another far-famed porcelain is the crackleware. The crackleware is made by dipping hot glazed porcelain into liquids of varying temperatures, the size of the crackles being controlled by the respective temperatures.
The familiar rice-grain pattern porcelain in blue and white is still found in old pieces and in new. It was once thought that actual grains of rice were set in the clay; but of course that is not true. Rice-shaped holes are made in the soft clay by hand and then the glaze is allowed to fill them up. If you have a piece, prize it.
There are many other conventional patterns that are loved by westerners as well as the Chinese. One of these is what is known as the "Thousand Flower" pattern. Because of its allover diaperlike quality, it suits most any size of plate, vase or bowl.
The pattern of the "Hundred Children" has legendary origin. If a piece of porcelain is large enough for the hundred children, there will probably actually be only ninety-nine, for the legend is that a twelfth-century father having only ninety-nine children adopted one to make a hundred. Because it is difficult to present the full one hundred children on a given piece, often only a selected group appears. Given as a wedding gift, this pattern implies a wish for many heirs to the happy couple.

The study of regnal marks, glaze, people groupings, landscape, and symbols may lead you further into the fascinating history and legend of a great people. Be very sure though that if this interest once takes hold of you, you will never enter a room or a market place without knowing almost at once whether or not there is " $a$ piece" there from China. It may be cloisonné, enamel ware, bronze, or porcelain. It may be brass, silk, teak, or apricot wood. It may be a lacquer box or a painted scroll. But for you, it has interest, and you will want to get your hands on it, for in all your looking you perhaps have never seen its duplicate.

THE END

the eight lucky emblems: 1. Ho Hua, lotus. Perfection, faithfulness. 2. P'ing, vase. Completeness, perpetual harmony. 3. Lo, conch shell. Voice of Buddha, royalty. 4. Shuang Yü, pair of fish. Married harmony. 5. San, umbrella. Authority. 6. Kai, canopy. Official rank, royal dignity. 7. Fa Lun, wheel. Symbol of Buddha's person, crushing delusion and superstition. 8. Chang, entrails. Longevity, abundance


## AMONG LIFE'S DELIGHTFUL EXPERIENCES $\mathbb{Y}$ Your first home . . . how memorable

the day you took possession! Here is a milestone of happiness-a proud moment enjoyed but once. I]

Owning a Koylon Foam Mattress is another proud event. The blessed repose it brings you is a delight you can recapture every night for years of your life.

For Koylon is not just a mattress, but a scientifically correct way of sleep-deep, restful, relaxing luxury on millions of tiny aircells. Koylon is naturally resilient, buoyant. It correctly supports each part of you, never slumps or valleys-actually "floats" you to sleep. Why not find out all the wonderful facts at fine stores?

Koylon supports your weight in healthful straight-line suspension. As you turn, it smooths itselt khite latex-non-allergic, moth-proof, vermin-proof.
EXCLUSIVE KOYLON FOUNDATION, especially for use with Koylon Foam Mattress, has correct crown and rigidlifetime luxury

- Decorator damask cover identifies genuine Koylon.
- Self-fluffing Koylon pillows, too.


## SPRING BLOSSOM CAKE

Make a quick ' $n$ easy budget cake with an instant cake mix (like Swans Down's, for example). Then give it blossom beauty with this luscious Baker's Coconut frosting!

$$
\begin{array}{ll}
2 \text { egg whites, unbeaten } & 2 \text { teaspoons light corn syrup } \\
11 / 2 \text { cups sugar } & 1 \text { teaspoon vanilla } \\
1 / 3 \text { cup water } & 11 / 2 \text { cups Baker's Shredded Coconut }
\end{array}
$$

Prepare according to frosting directions on your Baker's Coconut package (either style) and tint it cherry-blossom pink with vegetable coloring. Spread on cake and drift with tender-fresh, blossom-white Baker's Coconut. Arrange spring blossoms on top of cake.


## Turn a budget cake into a luscious beauty with BAKER's COCONUT



Hospitality table-with a changing top. Closed, it's antiqued mahogany, $391 / 2$ inches long. But when guests arrive, it opens to double size (below) with a gleaming copper surface. By Brandt Cabinet Works, about $\$ 78$
Spring fever on a budget? Baker's Coconut can help you splurge for less than a dollar!

Make a budget cake-with a mix, or with only one egg, or with layers you buy. Then spread it with pink icing-shower it with lacy, blossom-white Baker's Coconut-and parade the most luscious, most glamorous cake ever!

Such luxurious eating for so precious little! And the secret? Tender-moist, flavor-fresh Baker's Coconut!

- New Recipe Book! Get "Coconut Glamour Desserts." Send 10c to Baker's Coconut, Box D-3, Battle Creek, Mich.

Products of General Foods

COCONUT BANANA PIE. Prepare your favorite coconut cream pie filling. Cool. Cover bottom of baked pie shell with banana slices; add filling. Top with whipped cream. Sprinkle with Baker's Coconut and garnish with banana.

STRAWBERRY ORANGE AMBROSIA.
Arrange alternate layers of orange sections and whole strawberries in sherbet glasses or serving bowl, sprinkling each layer with Baker's Coconut; add sugar to taste. Chill well before serving.


Right: Like a puzzle, there are dozens of different ways you can combine this pair of modern, L-shaped coffee tables. Placed together as pictured, they're 44 by 22 inches overall. By Marcek in blond, gray, or Cordovan mahogany, about $\$ 60$ a pair



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ASK ABOUT CONVENIENT TIME PAYMENT PLAN:


> LENNOX

## What They Wanted

(Begins on page 38)

The bedrooms are approached from the north entrance, providing complete privacy for the living and dining areas. There's a wonderful slanting window-wall in the dining area which obliterates glare and enhances the view. This section opens onto the freeform living terrace.

The entire floor is laid on a vermiculite slab, upon which the warm-air trenches were laid and then covered with concrete. Rubber tile forms the finished floor in all the rooms. There is no basement, but for those who think a no-basement house is impractical, the Folleys have been extremely comfortable, warm and cozy. After all, Mr. Folley is an architect-he should know his business!


Relaxation all round the clock is the keynote of the Folley master bedroom. Acoustical tile, used on ceiling, guarantees quiet; a battery of windows along the south wall brings orchard right into the room. Below each sash is a screened, louvered ventilator controlled by narrow hinged doors


Although dining and living rooms are combined, there's no disorder during mealtime. The table is always in place, right next to the counter-high cabinet for china and linen. Above is a drumlike lighting fixture, casting a spotlight on table, especially dramatic when other lights are dimmed

## Latest "Trend" Colors

## Really Washable



Beautiful pastels,deep-toned"accents" -easily mixed custom colors. Big, real paint samples at Texolite dealers.

Consult the stars and see . . . how quickly you'll agree . . .

## Here is a Wonderful New Kind of Paint

Go ahead-be a stargazer! For here are the seven most important advantages any interior finish can possess - all combined in a single paint! Notice that this is an oil finish, and see how easy it is to use! Just stir and apply: it simply "flows" onto 'most any surface- even wallpaper. Won't you try it? You'll thank your stars-these seven lucky stars-that you did!

This is it! The paint that leaped to stardom in a single
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See the fascinating color movie, THE SECRET OF THE MASTERS -thrilling story of a priceless painting secret. Now available for free showings to clubs, schools; church, social,

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[^2] here are available in a variety of colorings.
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Write for "Wallpaper In Today's Home." Tells how to make modern dramatic interiors and gives expert solutions for "problem rooms." Send 25 \& to United Wall paper, Inc.,

NORTH-Lilies-of-the-valley. Mug, brown and white-Bishop's

EAST-Pink peonies, white iris. Emerald pillow vases-Dick Knox

SOUTH-White daisies, lace-flower, pink gladiolus. Epergne-Ed Langbein

WEST-White stock, red carnations. "Wincraft" low bowl-Roseville


# Arranged-to cut costs 

1pril showers bring forth May flowers, one of which-popping up early in the spring-is the lily-of-the-valley. Make the most of it while it lasts. Its fragrance will delight your guests who drop in for a cup of tea. Peonies mingled with iris and arranged in pillow vases will add extra charm to any buffet party table. White daisies, and blue lace-flower are practical flowers; and gladiolus provide fresh blooms as the buds open along the spike. They can be rearranged in different ways for several days by cutting the stems. For a hint of "spice and everything nice" on your dining table, try an arrangement of white stock and red carnations in a low bowl.

For best results, keep water level below bottom of planter. Glass vases covered with bamboo screen provide clever


## ENJOY YOURSELF

## no matter what the weather...

## FOR GAS

OR OIL!

## Mosquito-proof

(Begins on page 31)

breeding season. Underfed fish gobble up mosquito young, it seems, but too much prepared food makes them ignore the larvae, which then grow to pesty adulthood.

Generally speaking, good housekeeping is the best preventive against mosquito breeding. These "ten commandments for mosquito control' from the New Jersey Agricultural Experiment Station make an ideal check-list:

1. Eliminate all standing water
2. Cover rain barrels with mosquitoproof screens.
3. Seal cesspools tightly.
4. Drain clogged roof gutters and puddles on flat roofs.
5. Cut up or take away old tires. 6. Tilt wheelbarrows and pails so they can't hold water.
6. Oil sewer inlets, cisterns, and excavations weekly.
7. Change water in troughs, fountains and bird baths twice weekly.
8. Empty or crush cans or other water-holding receptacles.
9. Be sure screens fit tightly, that doors open out, and that screen mesh is not larger than 16 to the inch.

The size of the mesh for insect screening, either wire or plastic, is indicated by two figures, as $18 \times \mathrm{x} 4$. The figures tell the number of openings per inch in each direction. In a mesh such as the example above, there are 18 openings to the inch in one direction, and 14 to the inch in the other direction. The openings for this mesh are therefore $I / 18$ inch wide and $I / I_{4}$ inch long, less the thickness of the wire or plastic that is used.

Of course, no mosquito-proofing campaign will be effective if a wide mesh screening is used. The National Bureau of Standards recognizes only the following mesh sizes as satisfactory: $16 \times 16,18 \times 14$, and $18 \times 18$ Larger sizes once thought to furnish protection-notably $12 \times 12$ and $14 \times 14$ meshes-were found unsatisfactory in experiments conducted by universities in areas heavily infested with mosquitoes, and are no longer considered effective. Smaller openings restrict the passage of light and air to an undesirable degree.

Of the standard meshes $16 \times 16$ and $18 \times 14$ proved equal in protective efficiency, and are satisfactory in most areas. However, the greatest protection is offered by $18 \times 18$ mesh, which is needed in locations where species of mosquito smaller than average are prevalent.

One final warning. Despite all precautions, an occasional fly or mosquito will enter your home. If you have a baby, give him double mos-quito-proofing by screening or netting the crib. Infants are practically defenseless against flying pests, and usually highly susceptible to some of the deadly diseases they carry


## Warranty Yard Goods



Never before-such exquisite "three-dimensional" effects as in Pabco's "Grass Matting" (illus. above), Tiles, Florals, Carved Carpet designs.

Only Pabco Warranty Yard Goods have that famous, enameled
"Stainless Sheen" surface! Easy to clean as a china dish, and how it wears, wears, wears!

Styled in America's most desired colors and designs! Choose now from Pabco's smartest, brightest 1950 patterns and values, at good stores everywhere! Also: room-size Pabco Guaranty Rugs, unconditionally guaranteed for five years!

Yours! Send 10 cents in coin for big, full-color, idea-packed "Pabco Home Decorating Guide," Dept. 310A, nearest office: The Paraffine Companies, Inc., New York 16, Chicago 54, San Francisco 19.


## Marlités lasting beauty makes housekeeping easier!

"It's wonderful the way Marlite wall and ceiling panels transformed our old kitchen into this room of modern beauty. Durable beauty, too, because Marlite's plastic finish never dulls, stays like NEW for years! And easy to clean? All I need to do is wipe my lovely Marlite walls occasionally with a damp cloth. That gleaming plastic finish just won't let dirt take hold, makes housekeeping so much easier. You'll love Marlite, too!"

Marlite eliminates annual redecorating expense
Large, wall size Marlite panels go up easily and quickly over any wall . . . never need refinishing. Perfect for kitchen, bath, den, playroom. Choose from a wide range of lovely Marlite colors and patterns. Visit your leading lumber and building material dealer today! Ask for genuine MARLITE by name! Marsh Wall Products, Inc., Subsidiary of Masonite Corporation, Dover, Ohio.

## Tmalite ${ }^{3}$ <br> WALL and CEILING PANELS



SEND COUPON TODAY for free full color folder packed with thrifty ideas for adding beauty to your home the permanent Marlite way.
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## NAME

ADDRESS
CITY
STATE.


Original, striking is Mrs. Mary Fannin's old churn. But be sure your mailman approves your plan

# I Collect Mailboxes 

G. M. RELYEA

Back in my pre-mailbox-collecting days, I could drive or walk along a country or suburban road as casually as anyone. To me, a mailbox was merely a metal container used by people outside the city mail-service limits. Then I went on a field trip with the Salt Lake City Camera Club and acquired (on film) my first mailboxand ever since I have searched for interesting examples wherever I have been. Of late I have been specializing in specimens outstanding in attractiveness and originality as well as usefulness.
One rather distressing fact has forced itself on me over these years-that many otherwise meticulous and artistic homieowners have a blind spot toward their mailboxes. Time and again I have seen rusted or decrepit boxes perched on drunken posts in front of neatly painted, carefully landscaped houses. While they might make picturesque subjects silhouetted against a desolate landscape, they certainly add nothing to the looks of those homes. On the other hand, I have found in many localities mailboxes that truly enhance their houses and surroundings.
If you are one of the 35 million people who use mailboxes, look at yours with a critical eye. Is it sagging, or battered? Has the printing on it become illegible? Does it match your house in color and design? Would a new location make it more accessible for both the mailman and you? Would an appropriate cover or decorative treatment make it more attractive?
Some of the things I have learned may help you solve your mailbox problem-if you have one. First of all, before


Setting and trim give this ordinary box character


Widely hailed for its influence on present-day living patterns, Detroit's For Modern Living Exhibition featured the most significant trends in home engineering and decorations. The beautiful room above is by Florence Knoll. Pittsburgh Paints were used for their outstanding quality and beauty.

## The modern way to decorate your home for lasting satisfaction...

 Paint Right with Color Dynamics!* Paint Best with Pittsburgh Paints!

Clean lines and trim surfaces are blended into a harmonious whole through the free use of color in this handsome room designed by George Nelson. The room was a feature of the Detroit Institute of Arts' For Modern Living exhibit, A. H. Girard, director.
$\mathrm{F}^{\text {REE }}$ and daring use of color is today's I first commandment in home decoration. The exciting, new rooms reproduced here are from the famous Detroit Institute of Arts' exhibition "For Modern Living". They suggest the charming, distinctive effects you can have in your own home when you let yourself go with Pittsburgh's COLOR DYNAMICS!
By following the principles of this scientific system, you can plan striking color arrangements with absolute assurance that your results will be beautiful and artistically correct!
COLOR DYNAMICS uses the energy in color to enhance the beauty of your home inside and out. It helps you wake up dull, drab rooms-make them lively and interesting. You can paint cool effects into rooms of southern exposure or bring the sunshine of warm, cheerful colors into those that face the north.

You can in effect re-model your home with COLOR DYNAMICS-make small, stuffy rooms seem large and airy-narrow halls and cramped areas appear spacious -ceilings seem higher or lower!
And the lovely effects you obtain in decorating your home are made more enduring by the Live Paint Protection of Pittsburgh Paints. Enriched with "Vitolized Oils," these quality paints afford a smoother, richer finish that far outlasts ordinary paints.
Visit your Pittsburgh dealer and let him explain how much more lasting satisfaction you enjoy when you paint right with COLOR DYNAMICS-paint best with fine-quality Pittsburgh Live Paints!
*Trode Mark Registered


## Color-Harmonized

## WALLPAPERS

 work" out of wallpaper selection! Magic new Nancy Warren Style Selector shows you color-related papers side by side for easy comparisonmakes it simple to choose the exact papers you want for perfect harmony.
Nancy Warren Wallpapers offer a wide selection of beautiful patterns created by America's foremost designers . . . yet moderately priced. Hundreds of exciting patterns in the Nancy Warren Signature Group, Cameo Group and Style Selector assure you of a variety large enough to satisfy your most exacting tastes.

Before you decorate, see your dealer for Nancy Warren's great free decorating service-let him show you how to bring new richness, loveliness and new color harmony to your home!

## Maillozes

(Begins on page 96)


Craftsmanship did this
taking any radical step, consult your mail carrier. If he feels that anything you plan will hinder him in his work, the U. S. Postal Regulations give him the right to refuse to deliver your mail. Once you have his approval (and I have yet to hear of a carrier who will not prefer a sturdy, easy-to-use box to a dilapidated one), there are, in general, two ways in which you can improve the appearance of your box. You can leave it as is (if sound and clearly labeled) and partly hide or embellish it by means of a shrub, vine or clump of flowers planted at its base. A woody or per-


Ingenuity and good taste
ennial evergreen subject is preferable because it is effective the year around and becomes increasingly beautiful with time. Or, as a variation, you can embed the box in a stone wall, a cavity built in a fence, etc., keeping it, of course, within easy reach of the carrier. A second course is to add some sort of decoration to the plain Government-approved receptacle. It can be of wood or metal, as simple or as complex as your skill and time permit. Wooden covers are usually fitted over the metal box so as to leave the drop-

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"It took 3 days to find Junior, last tim we let him play on U.S. Rug Underlay!



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"We had never realized how comfortable and healthful automatic heat could be until we installed our Delco-Heat Conditionair," writes Robert P. Aiken, of Conneaut, Ohio. "It maintains an even temperature in every part of our home-and gives us dust-free, clean air."

When you install Delco-Heat in your home, you will realize, as Mr . Aiken did, the true comfort and dependability these General Motors products give you. Your unit will be installed right, too-by Delco-Heat factory-trained experts. Dick Tyler, Conneaut, Ohio, installed the Aiken's Conditionair.

Delco-Heat Conditionair with the exclusive "Rotopower" unit-an automatic forced warm-air furnace-heats, cleans and humidifies the air in your home. For oil, gasor coal-fired automatic heat, see your Delco-Heat Retail Distributor.

FREE-Write for literature on the Delco-Heat Oil Conditionair. Address Dept. AH-8, Delco Appliance Division, General Motors Corp., Rochester 1, N: Y.

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have to say-see pages 80 ,
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MAKE \$50.00 EASILY Selling only 100 boxes of exquisite Everyday cards - 21 folders for $\$ 1.00$ FREE package gift cards with your request for samples on approval. BIG LINE of other MONEY-MAKERS-Easter Cards, Gift Wraps, Personalized Stationery, Imported Floral Napkins and popular pricedoGift items. Special Fund Raising Plan for organizations.
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eeps them closed. Cup. boord, closet, cabinet doors, screen doors they're simple for "Snugger" Its powerful steel "finger" reaches shuts even stubborn, warped doors.

The Casement Hardware Company AT YOUR HARDWARE DEALER'S
front open at the carrier's end. A miniature replica of your own house, a little red schoolhouse, a white New England-type church, a rustic log cabin, neatly done, will always attract attention. Sometimes merely painting the box to match your house and mounting it on a harmonizing, well-proportioned support is enough. Or an unusual tree trunk, fence post, boulder, ledge, or other natural feature may provide a logical setting.
But whether or not you have a mailbox to improve, you can still, as I have, find mailbox-collecting, with camera or sketch book, an interesting and even fascinating hobby.

Editor's Note: Almost as if in response to Mrs. Relyea's ideas and suggestions, there came to us recently, from Lucille M. Capwell, of Rhode Island, the accompanying picture of the "tandem" mailbox arrangement that she shares with a neighbor. The shelf or bridge fixed between the two peeled and painted posts is for packages too large to go in the boxes. The three-sided bin, set into the bank at the bottom and held there by the posts and corner stakes, holds two barrowloads of soil in which are planted, in the fall, hardy bulbs for spring bloom. Then seeds of annuals are sown or plants are set out for later displays.
"Last July," Mrs. Capwell writes, "in front of basic baby cedars were, first, French marigolds, then blue larkspur, and tall African marigolds in the 'back seat.' Heavenly Blue morn-ing-glories twined around the posts and a 'pei; in ant' show of red geraniums in bloom was achieved by keeping a stock of plants in 3 -inch pots coming on in the little greenhouse; whenever the six in the box grew weary and sad-looking, they were carried away and replaced by six brisk, blooming brothers. The miscellaneous foliage concealed the pots.
"Incidentally,State highway authorities say they are much interested in this little roadside improvement idea of ours."


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Tooth decay is caused by the acid that film holds against your teeth. This acid is formed by the action of mouth bacteria on many foods you eat.

## PEPSODENT REMOVES FILM! HELPS STOP DECAY!

When you use film-removing Pepsodent Tooth Paste right after eating, it helps keep acid from forming. It also removes the dulling stains and "bad breath" germs that collect in film.


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Film is forming on everyone's teeth day and night. Don't neglect it. Don't let decay start in your mouth. Always brush with film-removing Pepsodent right after eating and before retiring. No other tooth paste can duplicate Pepsodent's filmremoving formula. No other tooth paste contains Irium* or Pepsodent's gentle polishing agent. Use Pepsodent every day - see your dentist twice a year.

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Guests smile when they see Victorian gingerbread in this room in the home of Mrs. Sara Wiess. One frilly wall piece houses reading matter, the other shelves cigarettes and cosmetics. Both also serve as decorative, dead-white accents for a dazzling blue and citron French Provincial wallpaper

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 in DecoratingIn a peach stagestruck bedroom, fake wall-painted draperies "unveil" a pale blue corner and focus all eyes on its center of interest-a theatrical dressing table made of triangular shelf and gold-framed mirror. White wicker chair, brass bed are appropriate furnishings


Wooden banjo case deserted music, turned into a hanging wall bar. Fitted with shelves, carafes and glasses, it not only winks at guests, but breaks the monotony of wallpaper's green stripes and blends with country pine den furniture

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burner electric plate and electric oven, and we had no sink. It took real figuring to make a workable kitchen. Dick made a step-down on the end of the counter so the electric plate is exactly counter height. This allows me to put my dishpan on the stove and keep the water hot to the last greasy pan.
With a six-foot piece of plywood left over from the counter, Dick made a table on the opposite wall. With an Indian rug as a gay wall hanging, we find this a delightfully convenient place to eat, backs turned to dirty pots and pans!

Two floral prints were the starting point of our bedroom color scheme. A shopping tour located a gigantic plaid picking up our bright pinks and greens. We also bought twin beds, but no headboards. Here, we decided to substitute with pictures and color. When we saw that shocking pink wallpaper, we knew it was just the background we needed.

And that's how we got into the paper-hanging business. Since neither of us had ever hung any wallpaper, we used a few unprofessional touches-like putting the paste through the kitchen sieve to get the lumps out, and applying the paste with a paint brush!-but we finally got it on relatively straight, and the effect was terrific!

Sophisticated spreads for our twin beds were way out of sight money-wise, so we got out my cream-white chenille double spread to see how far it would stretch. With the beds pushed together, it just covered the top, so we added a dark green underskirt and zippered our pillows into green bolsters.

Our bedroom budget just wouldn't cover the streamlined twin chests we'd admired, so we set out to find satisfactory substitutes. On the top floor of a second-hand store we found two forlorn chests with mirrors attached. One was a tired brown, the other a dirty white, but they were similar in design and size. We could hardly wait to get them home and start amputating.



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Clock for moderns! The Dynaire's smooth lines are molded from birch with brown mahogany or blond finish. Electric movement. $\mathrm{Ht} ., 53 / 4 \mathrm{in}$. Wdt., $101 / 2 \mathrm{in}$. $\$ 16.50 . \dagger$


We removed the brackets holding up the mirrors, then sawed off the legs to bring the chests down from Victorian heights and painted them Killarney green. They fitted perfectly along the wall with enough space between for a knee-hole dressing table. Dick used leftover lumber and cardboard to bridge the gap. Our splurge was a nine-foot plate glass to top the whole unit.

The best of the two mirrors went over the dressing table, but upside down-in unique shield-shape. Eight of our favorite magazine reproductions went into dime-store frames painted green. We individualized them with white and bright pink (leftover wallpaper) mats.
The only remaining parts of the chests (we'd used the legs with casters to hold up our oven) were the mirror brackets. These we combined with plate glass and angle braces to form bedside tables fitting snugly into the corners.
During Dick's Christmas vacation the living room got a major operation. We scraped off the two coats of wallpaper and painted ceiling, walls, and woodwork French-blue. We wanted to make a focal point of our beautifully centered windows, but the price for our required nine yards of colorful material was stratospheric. But we still had our hearts set on a dramatic treatment, and we set about to get the effect in another way. We did with wallpaper what we couldn't afford to do with fabric! The triple windows take up all but 26 inches at each end of the entire wall space. We papered these ends and across the top of the windows in a deep red paper patterned with large ivory and chalk-white fern leaves. For our Hollywood drapery treatment, we used ivorycolored rayon. Inexpensive but pretty venetian blinds of pressed paper blot out the panes.

A studio couch that's really comfortable as a double bed for week-end guests was our only purchase of brand-new furniture for the living room. The rest was bought second-hand and then redesigned and remodeled.
I guess once you get started, you never want to quit until every inch of your home reflects you. Anyway, that's the way we feel about it. We now have a very livable apartment out of the three former bedrooms, but we're not finished yet-we have still more ideas to improve it.


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## The Horse

## in the Bathtub

ROBERT T. WIRIGHT

If , the next time we move into a house, a moose should thrust his head through the door to welcome us, I wouldn't be surprised. We've lived in many houses. They've been large, small, old, new. But they all had one thing in common: strange fauna. I attract everything from flying squirrels to sapsuckers. It isn't because I love animals (I don't especially) or because of strange vibrations between us. It's because animals know they are smarter than I and are quick to take advantage of the fact.

There is a story, probably apocryphal, about a man who, at great effort and expense, secretly brought a horse to his tenthfloor apartment and installed it in his bathtub. Then, when horrified guests rushed from the bathroom to report the presence of the horse, he would nonchalantly polish his nails on his lapel and say, "Yes, I know."

That man has nothing on me. When friends visit us and hear a loud noise emanating from the basement, I merely say, "Nothing at all, really. Just beavers eating the floor."
I recall our first house with mixed feelings. It was our first try at country life, and we moved in with high spirits. An old, serviceable frame structure, we thought it delightful because it sat on the banks of the Wisconsin River. But, we were wrong.


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From the first we were troubled with things that went bump in the night. First there would be a chorus of high squeakings, then a dragging sound as if a platoon of ghouls were towing around a dead body. Investigations revealed nothing more than a few damp tracks obviously made by a saber-tooth tiger.
Traps, poisons and a pair of dogs had no effect. I was about to lay it all to ghosts when the former owner paid us a visit, No sooner had he seated himself than the corpse-dragging began.
"Aha," said the former owner, "I see you still have them."
"We sure have," I answered. "Have what?"
"Oh, why muskrats, of course," he answered.
So that was it. Muskrats, eh? After that we went to work with all kinds of infernal machines. But night after night hordes of muskrats swarmed up from the river to make our life hideous. Two factors finally led me to place our nest on the market. I found that muskrats are rigidly protected by law, and my youngest son almost stepped on a mink in the back yard.
House number two had neither muskrats or mink. It had ground hogs. Things went smoothly enough for a while.
Then one day in late fall we had a visitation. Rip, a clumsy and exceedingly cowardly springer pup, descended into the basement where he proceeded to emit yelps and yipes. Then he hurled himself up the steps and dived under the couch, where he lay whining for the better part of three days.

Grabbing my rifle I descended the stairs ready to grapple with the beast in hand-to-hand combat if necessary. Backed up in one corner of the basement was a large and very angry gray-brown animal which immediately charged me. The gun went off, the bullet drilling a neat hole in the washing machine, and "it" zoomed out the back door and into the garden.

Reference to an encyclopedia revealed that this furry fury was a Marmota monax, or common ground hog. The same animal that predicts the weather every February 2.

Things went quietly for a while after that until we began to notice small, scurrying noises emanating from the attic. The attic could only be reached by a trapdoor twenty feet up the outside wall of the house. Placing a ladder against the wall, I took a flashlight and ascended. When I opened the door and flashed on


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## The Ilorse inl the Pathtub

the light, I was confronted by the largest and most ferocious gray squirrel in the state of Wisconsin who stood exactly one inch in front of my nose and gnashed his teeth in a most aggressive manner. I touched only one rung in descending the ladder.
I followed the only sensible course. I sold the house.
House number three in many ways was the worst of the lot. It had bats. As a bat haven, it ran close second to the Carlsbad Caverns. It was so densely populated we felt neglected if a week went by without a clash with a bat. Ugh!
My first encounter with these monsters left me shaken and pale, but I eventually got to the point where I no longer screamed when I saw one. A week after moving in, my wife and children went to the movies and I seated myself in an easy chair with a book called "The Case of the Dismembered Corpse." Just as I reached the blood-chilling climax of the book, there was a whoosh as a horrid black monstrosity flashed before my eyes. It was almost a week before my hair would lie down and the hole in the ceiling is there to this day.

My customary procedure when a bat was in the house was to hide under the bed while my wife sent the bat to his reward with a tennis racket. This instrument, by the way, is the most efficacious de-batter, although a snowshoe will do admirably. You can't possibly hit them with anything smaller.
It was during this period that we acquired a summer cottage on the shores of a lovely lake deep in the woods. An idyllic place, it had but one drawback. It was a Grand Central Station of the animal kingdom. It was the only house I ever saw where you could trip over a raccoon on the front porch.
In addition, it had roaches. Not just ordinary city-slicker roaches, mind you, but a king-size monstrosity called a woods roach. These horrors were the approximate size, shape, and tough-

(Begins on page 104)
ness of an ambulatory flatiron. We never succeeded in conquering the woods roaches, but we did the next best thing and made sport of their pursuit, issuing B-B guns to every member of the family. Wounded quite a few, too.
There were a number of things that prompted us to sell this sylvan Shangri-La. Our cat was severely mauled by a prowling badger. A beaver removed one of the porch supports to build a dam or something, and the chipmunks, porcupines, red squirrels, gophers, and assorted lesser mammals were rapidly reducing the rest of the house to a pile of sawdust. When my wife met a bear in the back yard, that did it!

House number four was another old, but serviceable building, and during our year's sojourn therein we were untroubled by bird or beast. This house had only amphibians. The lawn outside was overrun with toads. The boys felt that, next to dogs and cats, toads made the best pets, and they usually had a half dozen or more in a box in their room. The box was not always an adequate cage. Until you have stepped on a live toad with your bare foot, you don't know what it is to be startled.

In the old, stone-walled basement there dwelt most curious, lizard-like creatures which a zoologist friend identified as salamanders. Up to that time I had thought they were the young of a dinosaur. It didn't make us feel better when we heard that the presence of a salamander meant death in the house.
We sold this house, with no extra charge for the salamanders, and moved into house number five.

House number five, in which this is being written, is a fifty-year-old, two-story house which, so far as we know, is entirely uninhabited except by us. There are no squirrels, woodchucks, toads, bats, or salamanders. Just us. That's the way I like-
"Hey, bring the flashlight, there's something in the attic."


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Photogrophs by Wendell Kilmer

Before killing the fire
for the season, test with a lighted candle for air leaks at all doors, flues, and possible eracks

## llow to Pul Jour



JAMES A. OEST

IJour boiler deserves good treatment after working hard, day and night, all winter long! At the end of the heating season, it is dirty and worn. Follow the steps in the pictures and give it the cleaning and repairs it needs. Do it now, so it will be ready to do an efficient, steady job next fall when the first cold snap hits. If you get going, you can also prevent some summer deterioration that would otherwise occur.

If you have an oil burner, you can still clean the boiler, but don't try to service the burner any further than cleaning or replacing the supply-line filter. Automatic heating equipment requires special testing equipment and tools for proper adjustment, and should be checked at least once a year by a reliable service man.
When the boiler works all year round, supplying your hot water in the summer, it should be stopped to permit complete servicing of the system at least once a year and preferably twice.

Remove smoke pipe. Clean it and repair as needed, oil inside, and store in dry place for summer. If it is badly rusted, get a new one

Clean soot and fly-ash from smokepipe connection with any small brush and scraping tool


Remove all ash and soot that has fallen to ash pit. Inside of firebox and heating galleries can now be checked for cracks that need repair by welding or with fire clay or iron cement

## Boiler to Bed



Clean ash, soot and other dirt from the bottom of chimney, through the clean-out door or the smoke-pipe opening. Use a mirror to check the chimney flue for obstructions that must be removed

Take out grates and check for cracks and burned spots that need repairs. Throw out badly damaged grates and get new ones. Replace grates and adjust ash-pit door and damper

White ash along the center on top edge of this clean-out door and the black area above it are a sign that the door is warped and that heat and coal gas leak into the cellar

File down the high spots on all warped doors to make a nice tight fit around the openings where leaks were found. Also scrape ash and soot from inside of doors, using any convenient sharp edged tool

PLEASE TURN TO PAGE IIO


There's one window that's especially made to keep out cold, drafts, wind and dust-yet which opens and closes easily the year round! It is Silentite-first choice with folks who want more comfort in their homes, greater fuel savings, less dust and dirt-plus lasting satisfaction. (And all without extra cost!)

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

Water Heater, Range Boiler \& Soil Pipe Dept.

Boiler to Bed
(Begins on page 108)


Top left shows a common smoke-pipe leak that hurts the draft and makes it difficult to control the damper position. The spindle hole is too large. If it cannot be repaired as in lower left, fit a new section of pipe

Check and tighten bolts on doors and damper controls. Oil hinges of all doors, and oil contact surfaces of doors, leaving doors ajar during the summer to provide ventilation and prevent rusting

Remove loose and damaged asbestos insulation and repair the bad spots with asbestos cement which is mixed with water and applied like plaster with a trowel or large putty knife


Test the water level gauge on a steam boiler, and then fill the boiler with water for the summer. Safety controls on all boilers should be checked to insure that vents are clear and rust doesn't restrict proper action

Drain sediment from bottom of the boiler until clean water appears. Then, with a hot-water boiler, refill the boiler and radiators completely, eliminating all air in the system



Photographs by Wendell Kilmer and George Daniels

Does a duct or other obstacle keep you from hooking the cellar window open? Wire from an old coat hanger will make a long hook for the job


Fan-Plan Your Home For COOL GOMJORS


To keep the foot of a long ladder from slipping as you raise it vertically, tie a length of rope to the bottom rung and walk along the rope as the ladder is raised

The corner of a squareended block can be a guide for drilling holes vertically. Line up the bit with the edge of the block. For deep holes, the block can be removed after first inch

## Gleaming Clean

## for 9 years...yet this floor has never been washed or scrubbed!



Old-fashioned floor care was never like this!
For with Johnson's Liquid Cleaning and Polishing Wax you need not scrub before waxing. This special kind of wax cleans and wax-polishes your floors in one simple operation!
Wonderful Johnson's Liquid Wax contains an active drycleaning ingredient that is actually faster than suds and far easier on your floors. And because this wax is genuine Johnson's Wax, it gives a brighter, longer-lasting luster.

Besides making floors look better, Johnson's Liquid Wax protects them from dirt, water and wear. Just a light dusting now and then keeps them gleaming clean.

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to polish Johnson's Liquid Wax with a Johnson's Wax Beautiflor Electric Polisher. Does the job in one-tenth the time! Rent one from your dealer for $\$ 1.00$ a day ... or buy one for $\$ 44.50$.

For sparkling good bumor, tune in Fibber mcgee and molly Every Tuesday evening - NBC

## Priendly Illouses (Bescim on pose 27)

Take the little dream houses you see pictured every week in the Sunday supplements. Is it possible that I am the only one who knows or cares that a Colonial Cape Cod cottage does not belong smack in the middle of the corn belt? Take Betty and Pete, friends of mine, who not long ago bought an eighteenthcentury farmhouse tucked back in the hills of Massachusetts, its huge center chimney, tiny paned windows, and many shallow fireplaces indisputable evidence of its great age. Betty and Pete know their New England: The sagging porches and bay windows encrusting the old house were removed. Profaning plaster was removed from the paneling and hand-wrought hinges were installed throughout. Finally the whole house, perfectly restored, was given several coats of the very best, the very whitest white paint. Not a trace of the desecrations of former occupants remain. Not a hint of the humor, the warmth, the tragedy, the life which was lived within those walls for so many years remains in tell-tale evidence. It is a perfect restoration. It is one of the showplaces of the Berkshires. And it is just as bald, just as newlooking as the day its original owner moved in in 1795 !

Not that I'm all against restorations! Goodness, no! I can remember too well when cousin Louise came back from the grand tour of Europe and glued a tower and a porte-cochere to the family salt-box house. Everyone knows at least one fine old house that has been covered halfway up with brick-patterned tar paper, or a four-pillared meeting house that has been painted the familiar red and white of a national chain of grocery stores. The person who tackles the undoing of such sad mistakes deserves what he usually gets-the approval and appreciation of the whole community. Such opportunities, however, are few compared with the number of families now looking for an old house of their own.

I have seen these friendly old houses-inconspicuous and in-

"He won't go anywhere without our new Koylon Chair!"


The supreme ease of Koylon Foam Cushioning' is a "lifetime" investment in comfort. Smooths itself into shape when the sitter stands up. Never needs fluffing. See chairs and sofas upholstered with Koylon Foam.

expensive-five minutes from the station in a fashionable New York suburb, in an Indiana river bottom, on a side street in a busy port city on the Gulf. Such a house will never be found on the cover of a homemakers' magazine. It has never been an old wreck "with possibilities," and it doesn't make good before and after pictures. But it is to such a house that I will look for my dream home.

Practically speaking, they are usually good buys. They have been lived in continuously and have been more or less kept up. Therefore they are frequently structurally sound.

My kind of house is the kind of house where old gray shingles are relieved by not-too-sparkling white trim and lighter-thanusual green shutters. The porch is still draped with honeysuckle and Dorothy Perkins roses and ceiled with heavenly blue. The gingerbread bears the scars of generations of small-boy climbing. Two-thirds of the floors are still wide pine boards and the rest are well-waxed modern hardwood. A frilly-lady Franklin stove still warms the downstairs bedroom, now a cozy library.

It's a house where you'll find all kinds of furniture. The Salem rocker is made more restful by an amusing Victorian gout stool. A well-made and comfortable leather armchair, left over from the prosperous $20^{\prime}$ ', is not inharmonious with the scarred pine trestle table. The very modern and very comfortable divan is covered with an old handwoven spread. There is room, along with the old flintlock and Grandfather's Civil War rifle, for young Bill's prized Japanese sniper's gun.

These considerations are of minor importance, however, to the Jacks and Jills who want their perfect homes perfect. I wish I could make them feel the rich satisfaction that comes of living in a house that honestly reflects every stage of its long life and those of its inhabitants. I wish so much that they could know the joy of living in a house where Great-great-grandmother's small treasures, brought west in a covered wagon, and the souvenirs of Aunt Hettie's Mexican junket are at home with that first set of dishes from the cabin court near Camp Blanding and the precious trinkets young Buzz sent home from Germany before he died. Such a dwelling couldn't ever be a perfect little period house-it's just a permanent, plain, friendly American home.

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Can your home pass this SCREEN TEST?


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You get all these advantages in wire screening of Alcoa Alclad Aluminum identified hy this tag. Available from leading hariware, lumber and building supply dealers



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 you'll choose these WOOD Windows!MARVEL AT THE BEAUTY-You'll see at a glance the beauty and convenience that Ponderosa Pine windows offer! Their surface can be decorated with just the color, or finish, you prefer. Window covering fixtures needed for shades, curtains, or venetian blinds are quickly and securely fitted onto these wood windows. Ponderosa Pine windows are available as complete units with efficient weather-stripping and modern sash balances--at modest cost.
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Convenience at your elbow whenever you need it, wherever you need it. Just roll it along

## Roll--round Outdoor

 Service BarIIere's a Service Bar that is portable and simply constructed of marine plywood, which withstands weather conditions. You will need 5 sheets of $3 / 4$-inch plywood, 4 feet by 8 feet, and $\mathrm{I}^{1 / 2}$ sheets of $1 / 2$-inch plywood, 4 feet by 8 feet: I sheet for front and back, I sheet for top and bottom. I sheet for two sides and the two partitions between doors. 2 sheets for shelves, under drawers, and long partition. $I^{1 / 2}$ sheets of $1 / 2$-inch plywood for sides, backs, drawer bottoms, fronts of drawers, and fronts of duors.

You will also need two $22^{1 / 2}$-inch chrome-finish towel bars and fixtures, and four hard-rubber, swivel-type wheels 3 inches in diameter, plus 4 knobs, 12 hinges and screws for doors.



Singing rooms usually mean singing hearts.
So if your walls and ceilings are beginning to look old and faded, give them a quick once-over with "Dutch Boy" Wonsover.

Yes, one coat-that's all you need.
With this smooth-brushing, flat oil paint -blended by the "Dutch Boy's" master hand - one coat's enough.

Enough to cover most any painted sur-face-plaster walls, woodwork, wallboard, brick, concrete. As well as wallpaper and water-reduced paints.

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Put new heart in your home, new song in your heart. Decorate your rooms with onecoat, washable Wonsover. For the last word on color schemes - both interior and ex-terior-write for your copy of Blended Beauty For Your Home. It is free. Look for your "Dutch Boy" dealer's name under "Paint" in your classified telephone directory.
"Save the Surface and You'll Save All"

5 other ways to put new heart in your home, new song in your heart
"Dutch Boy" Bright White House Paint, BLENDED to clean itself, stay dazzling white, and give long-time protection.
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doors, and trim.
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Practical, beautifully




Needletuft floral center bedspread comes in several color combinations. Preshrunk, washable. Twin or double, \$14.95. Dressing table, window draperies made to match. Cabin Crafts, Inc.


Cotton print called "Audubon." Spread of green, yellow, red on white, with green chintz band. Slashed corners at posts. $\$ 9.95$. Readymade draperies to match, \$8.95. Kenneth Curtains
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made-for the best-dressed

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Thousands of unsolicited testimonials prove the truth of the following statement -
"In a man's (or woman's) own hands on his own lawn . . . under most conditions, MontaMower will prove itself superior to any other type of hand operated mower." AND LITTLE WONDER! MontaMower does what no conventional mower can do! It cuts right up to your walls, fences, trees, under foliage, around close quarter borders to practically eliminate hand trimming. It even mows terraces without shaving the crown!
MontaMower easily cuts a full $16^{\prime \prime}$ swath through grass, dandelions, spike grass and tall lawn weeds (including those that ordinarily pop back up to cause you extra work). With it, even women or children can tackle a man sized lawn with ease. . hills and all!
Try this fine, low priced mower on your own lawn . . . . on approval. Sold with "Written Guarantee". Write for full details.

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MontaMower is an $81 / 4 \mathrm{lb}$. precision-made machine with eight pairs of sharp-edged, overlapping and self-sharpening tool steel cutting discs, working as a unit. Each pair, revolving towards each other, gathers the grass volving towards each other, gathers the grass discs. Cutting height easily adjustable.


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TO BRING OUT THE FULL AND LASTING BEAUTY OF EVERYTHING YOU GROW!

# America's 3 great gardening aids 

presented by SWIFT \& COMPANY



Here, in progress pictures and the builder's own sketch plan, is shown the project described in this story of one man's ingenuity

CAIEL P. MARTIN

1lmost any big job around house or yard can be handled by the owner if he can find a way to break it down into a lot of little jobs. That's the secret behind many of the home improvements we see in our travels and marvel at. And getting started seems to be the key to solving many a problem. There's no use thinking in terms of steam shovel, bulldozer, and a gang of workers if you have only one pair of hands, a shovel, and a wheelbarrow. But even if a railroad is called for-as it was in the Williams case-this can be resolved into a series of little operations that one pair of hands can manage.
The Ray Williams' attractive home is in a good residential section of an Eastern suburban community. All the houses on that side of the street are on a narrow strip of filled-in land that drops away at the rear in a $40-$ degree slope into a deep ravine. When they moved in, the neighbors on either side had already improved their back yards with retaining walls and terraces, so the logical answer to the Williams' problem seemed to be a similar wall across the back of their yard to join those on either side. This would mean, of course, adding a considerable amount of fill to carry the lawn out to the wall.
Consultations with contractors, stone masons, etc. gave $\$ 1,000$ as the best bid for the improvement. This

Photographs and
sketches by cuthor
seemed much too high a price for 20 feet more of usable back yard, so Ray Williams decided that if the job was to be done, he would have to do it-an important decision for an advertising artist (albeit a well-built, husky one) to make. As the adjoining lots were of different depths, his wall would have to make a curve to tie the other two together in an interesting and pleasing line. This he established by laying down a garden hose as a guide in digging the ditch for the concrete footing.
Because the land sloped sideways as well as from front to back, a stepdown was called for in the footing and this he placed about midway of the ditch, setting an old floor register upright as reinforcement and to keep the concrete from running from upper to lower level. Then he poured readymix concrete into the ditch through a long wooden chute that could be washed out and used for other future operations. As he poured it, he threw bars of old iron into the soft concrete to reinforce the footing.
Then, starting at the step-down, he laid the first. course of concrete blocks,
working in both directions and leveling each block carefully. Here the chute came into use for sliding the blocks from garage to working level. The up-hill pitch (or "batter") of the wall was started with the second course by fastening a few pieces of wood to a standard carpenter's level so as to give a gradual taper to the wall all the way up. At points of extreme curve, fragments of block were inserted like wedges and cemented into position. Also at various points he cemented into the wall the ends of iron bars 6 to 8 feet long, setting the other ends in crates full of concrete sunk in the bank on the up-hill side, as seen in the small picture on page 119. As the wall grew, these rods supported a convenient scaffold. Blocks laid on their sides with the holes horizontal were inserted in the wall at strategic spots for drainage. Wire screening backed them up and slag was put in between it and the earth fill. Finally, the wall was topped off with half-size blocks as shown in the title picture on page i19, except that, at one end, a tie-in section was made of broken flagstones



Here are the qualities to look for in a new power mower: (1) assured grass-cutting ability, (2) ample, dependable power, (3) simple, positive power transmission, (4) ease of operation, (5) rugged construction and (6) ease of servicing.

Pennsylvania-with this new improved power mower-offers you all of the features that give you these advantages. Here is the sound, built-in quality that good lawn mower dealers have been proud to sell for three generations.

> Pennsylvania Quality Hand Mowers

Great American - Penn. Jr. Meteor - Penna-lawn Edger and Trimmer

See your lawn mower dealer


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PENNSYLVANIA LAWN MOWER DIVISION American Chain \& Cable Company, Inc. - Camden, New Jersey

## 

to match the style of the neighhor's wall where they joined. Because the back yard was on filled land, no dump trucks could be allowed on it, so the additional fill required had to be dumped in front of the garage, some distance away. This is why the "railroad" was needed if one man was to complete the project, for even the prospect of moving 30 tors of earth didn't stop Williams. It wasn't "A Streetcar Named Desire" that he built, but a three-wheelbarrow-capacity miniature dump car which he affectionately called " 1929 " because, he said, "the bottom dropped out of it!" Friendly neighborhood hecklers who gathered to watch, scoff, and point out that the contraption never would work, remained to cheer.

For a track, he used 2 by 4 lumber with I by r -inch strips nailed on to guide the caster-wheels; in 12 -foot lengths it could be laid wherever needed to reach from the pile out by the street
 And here,
 explaining how it works, is the clever, automatie dumping mechanism that Mr. Williams devised and made

to the wall. The end section was of 4 by 6 -inch timbers so it would support the cart over the open area. And the cart? It was of used plywood, 4 by 2 by 2 feet, on a 2 by 4 -inch frame with hard-rubber casters, and a hinged bottom or trap-door. The dumping mechanism (see sketch) consisted of a piece of dowel rod riding in a hardwood trough; this, when it hit the bumper, pushed back the barn-door latch and released the door and the load. A rope run from the trap up through a pulley in the cart drew the door shut, and the cart back, in one operation.


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water pressure does the work.
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INSECTICIDES ...FUNGICIDES d 3 Insect-0-Gun Jar holds enough to make 3 gals. proper spray-any brand or type . . . even wettable sulphur or bordeaux mixture. Has 2 jets -1 for plants, 1 for trees; cleans in 30 seconds; replaceable Mason jar; pistol grip; trigger control; rugged lifetime construction; guaranteed.

The finest, complete, general purpose sprayer for smallest gardens or largest estates. Use it in kennels,
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Spray any brand or type of weed killer or fertilizer that is applied with water. Jar holds enough to make 15 gals. proper mixture. Soft spray won't damage plants or lawns; no side spray; no mist to drift. One finger control-spray proper mixture or plain water as you wish. Cleans in 30 seconds; won't clog; home replaceable jar; lifetime construction; guaranteed. Fertilizes or weeds in 10 minutes areas that take 2 hours by outmoded methods.
Everyone needs a Gro-Gun.
$\$ 245$
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IF HE CANNOT SUPPLY
YOU... ORDER NOW FROM
The Bradson Company
4063 So. Radford Way, Studio City, Calif.

## Many a liskle <br> (Begins on page 119)



The retaining wall at an early stage showing brick construction and the "sweet curve" laid out with a hose


Ray Williams at work. He conceived and executed, alone, a job that might have taken " $x$ " men " $x$ " days to do

It took a lot of loads, but one man did it. And the total cost (keep in mind the contractor's $\$ \mathrm{r}, 000$ estimate) was, well, look at the record. Ready-mix concrete (footing) \$29.15 Concrete blocks and mix 137.72 Lumber and plywood (all used) 13.93 Hardware for cart 7.90 Earth for fill 7.90
14.00 Miscellaneous 8.79

## Total

\$211.49
Belind-the-scenes editorial note: When this story's title was picked, some of our editors asked what a "Mickle" is, and would our readers know? Others, granting that they had never seen one, recalled the old Scotch saying, "Many a mickle makes a muckle," and thought the phrase fitted and would arouse interest and curiosity. We mention this just to show how we try to work out apt and appealing titles. . . And what do you think about this one?


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The vitreous-ceramic surface of VITRAMIC siding is baked on . . . to provide a hard, smooth finish which stays clean and bright year after year. Vitramic offers no foothold for the atmospheric soot and grime which so readily discolors ordinary sidewalls.
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the modern idea in fencing lovely, gleaming white, or brilliant green. You combine charm with protection when you use Stikit Wikit. Each unit is $21^{\prime \prime}$ high, $12^{\prime \prime}$ wide. Made of $1 / 4^{\prime \prime}$ hardened steel, finished in oven-baked enamel for longlasting attractiveness. Carton of two dozen makes 24 feet of border, enough for the average flower bed.

Available wherever garden supplies are

sold; or order direct. Shipped in cartons of 2 dozen. Send check or money order for $\$ 4.20$ (which includes postage) to: STIKIT WIKIT CO., 52 H. St., N. W. WASHINGTON I, D. C.

IIThy Peter Rabbit's? Because it was made by, and is owned, enjoyed, and cared for by the author of the delightful stories about that beloved character. Also because Peter Rabbit in person has a permanent and prominent place in it, right beside the fern-surrounded pool with its tinkling, fairy-tale fountain. But let's start at the beginning and talk about the garden itself. Where planting space is limited, it is not easy to design a garden both livable and full of bloom all season long. But Mr. and Mrs. Huston B. Almond, of Chestnut Hill, Philadelphia, motivated, she says, by "a passion for flowers," have solved the problem and, in their garden, offer another proof of the old saying that, "The best things of life come in small packages."
When they bought their home, the grounds, like those of many suburban twin-house lots, offered planting space only in the front yard, which is about 40 feet wide and 35 feet deep. In that limited area they have achieved not only a colorful garden, but also an inviting, restful place for outdoor living. Entering the gate at the sidewalk, one comes upon a riot of color on both sides of the path that runs back beside the house and in the cosy garden area on three sides of the front porch. Here the flowers are kept


From an ivy-clad bird bath, a brick path leads to the pool and fountain guarded by Humpty Dumpty and Peter Rabbit. The porch steps (right) face the paved terrace seen below, half way down the path to the service-yard gate


## Nourish him all-the-way with "COMPLETE DINNER" Gro-Pup!



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A "COMPLETE DINNER"I You add no meat, no other food to Gro-Pup. These nourishing, meat-brown ribbons supply every known nutritional need for health and vitality!
BODY-BUILDING PROTEIN from meat
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## Little Lulu



Pull one at a time - like with Kleenex*! Litfle Lulu says: pulling tissueste, saves (NOT HANOFULS) ENOS WASTE, SENEX TISSUES YOU MONEY! ONLY SOFT, STRONG RLEEATURE. YOU GIVE YOU THIS THRIFT TO INSIST ON KLEENEX! CAN'T AFFORO NOT TO INSIST ON KLEENEX! Make a PLEASANT HOBBY out of a
with a self-propelled EXCELLO power mower
Wouldn't it be nice . . . .ess work, more fon . . days? Excello isn't that by remote control on cutting grass with one of the new perfect, yet...
Excello power mowers is almost as this amazing machine give Just start the motor, push your lawn the smoothest, quandlebars for guidance. And with only a finger on the handebars whether you select an $18^{\prime \prime}, 21^{\prime \prime}$ or $24^{\prime \prime}$ model,
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## The Popular EXCELLO 21"

An outstanding value combining low price with utmost in quality materials. 1.6 h . p. Briggs \& stil 1 " cutting width. 5 self-sharpening, crucible steel blades. Tool steel bed knife. Timken bearings. pos: itive, trouble-free clutsure Fully guaranteed to satisfaction.


Here＇s convenience you＇ve always wanted in a sprinkler－desired dis－ tance and spray automatically at a turn of a dial！Speed of the revolving arms breaks up the spray－provides a natural rain－like shower that＇s best for all lawns．Beautiful，rich green． Long－lasting quality．See this auto－ maticand other famous Sunbeam Rain King sprinklers at your dealer＇s． $\$ 7.25$ ．（Denver and West，$\$ 7.50$ ．）


## EXCLUSIVE

 FINGER－TIP CONTROL Automatically sets re－ volving arms to sprinkle any circle you want from 5 to 50 feet．

Every tooth in every blade digs the soil like a spade

## Works as you walk！

40 Rotating hoe points and times faster than hoe and rake． Makes gardening easier－more fun－better crops．For extra fine RTJ－Mc年；Weeds－Hoes $\boldsymbol{R} \boldsymbol{1} \boldsymbol{K} \boldsymbol{D} \in \mathbf{E} \in \boldsymbol{R} \quad \begin{gathered}\text { Mulches } \\ \text { Cultivates }\end{gathered}$ Easy as mowing a lawn．Kills weeds and mulches soil．Write for Free Folder．
ROWE MFG．COMPANY

（Begins on page 122）
the flagstones with cemented joints． It is bordered with boxwood，and after the potted violas stop blooming， French marigolds carry on．A straw－ berry jar at one end supplies not only an interesting note，but also some fruit－last summer enough berries for three big servings！Mr．Almond also built the pool and wall fountain in a cool，shady spot under the living－ room window．The brick walk lead－ ing to it is edged with ferns；the pool itself is framed in hemlock，laurel， and more ferns．In building it，he ex－ cavated to a depth of 6 feet for ade－ quate drainage，then laid a foundation of crushed stone and 2 inches of cin－ ders．Then，lining the hole with brick， he put in a form into which he poured concrete to make the lining of the pool proper．A big jolly figure of childhood＇s hero，Humpty Dumpty， serves as a fountain．

As author of fifteen Peter Rabbit books（as well as several books for teen－agers and many short and serial stories for children＇s magazines），Mrs． Almond has provided for that popular and important character a special place on the coping of the pool．But he is also present－in many forms－ in the house，where a cabinet filled with miniature bunnies in crystal，ala－ baster，wood，carnelian，rose quartz， and china is a tribute to the pleasure the stories about him have given countless admirers．The collection in－ cludes specimens from all over the world，many of them quite valuable．
One of her most prized wooden rab－ bits has an interesting history．In 1939，Mme．Halina Siennicka，wife of Poland＇s then Vice－Minister of Justice，while being entertained by Mrs．Almond took keen interest in the collection．Upon returning to Poland，she commissioned a famous Polish artist to carve a wooden rab－ bit as her contribution to it．Before it was completed，war broke out，but later，with the help of friends，the good－will rabbit was duly delivered to Mrs．Almond，to become a treasured memento of a noble and courageous patriot who served her country in the trenches and in helping feed its soldiers until she died a hero＇s death．

## Peter Rabbit＇stairden

Note textured grain，staggered edges，
 8

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POWER LAWN MOWERS BY

HAND AND POWER MODELS


Grandpop's Play Yard
(Begins on page 43)

The next step is taking down the swing by loosening guy wires, lifting a pipe sleeve off each upright. In the early model shown here, standards are in one piece; actually they are in two pieces joined in center so as to fit in the box


With everything taken apart, "Grandpop" Parrott shows Judy how it all is stowed away in the sandbox she loves to play in. . . Note at lower corners of box the heads of the roller axle-bolts and the holes bored to take a lawn umbrella handle if shade is desired against chewing and sucking insects and blights, including mildew and blackspot. Being "the ONE that does all," this universally endorsed spray cuts spraying time to minimum. "Kits," "E famous green and red Tri-ogen NOW CONTAINS FERMATE*!
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ideas. Write today. Rose Manufacturing Co., 120-55 Ogen Bldg., Beacon, N. Y. 〇O

## TRI-OGEN ALONE GIVES YOU FINER ROSES!

Everything is stowed away and sand is in lower (nearer) section of the box. This view shows two of the flanges that receive supporting uprights, rollers, and chocks for the guy lines
on page ${ }^{127}$, back of the garage, or in any convenient, inconspicuous place. When next it is wanted for use, it can be rolled to a new location on fresh, clean grass-which is a good way to protect both the health of the children and the welfare of the lawn. Practically all the equipment is made of ordinary $3 / 4$-inch galvanized water pipe, the three-part base consisting of the box itself and the two sections of its cover, all of which are furnished with the necessary socket fittings to take the several uprights. The operation of erecting it is shown-in reverse-in the illustrations here and on page 43 , which actually show steps in the process of dismantling it. Considering the various parts one by one, the uprights of the swing frame, which is $7^{1 / 2}$ feet high, screw into floor flanges at each end of the box. (The pictures show single lengths; they are now in two sections that fit into the box.) The 6 -foot cross-bar screws into elbows that expand to
 Hedges, Shrubs, Ornamental Trees, etc. Saves time, gives professional results without arm-aching drudgery. Simple to operate. Wellbalanced design permits one-hand operation.
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## KINKADE GARDEN TRACTOR

## Play Yard

(Begins on page 43)


And now, half an hour later, Judy and sister Cathryn watch Grandpop roll their play equipment to its corner
take I -foot-long pieces of I -inch pipe that make sleeves to slip over the uprights. This gives added strength and simplifies the setting up and taking down of the frame, which is guyed to the corners of the box with wovenwire clothesline that can be tightened with turnbuckles.

The frame of the teeter-totter is like that of the swing, but only I foct high and wide. It forms a play bar when the teeter bar is removed. The latter, 12 feet long including seats, is in three sections and the middle one has, to give added strength, a sleeve to which are welded, at right angles, three 6 -inch lengths of split pipe. These fit over the frame to give the right balance for different size children. One leg of the support is fastened to the box; the other is screwed to one of the cover pieces which is placed partly under the box to keep it rigid.

The merry-go-round is mounted on an 8 -inch-long piece of pipe flanged to the second cover section, to which two small sandbags give added stability. In the top of the pipe a roundheaded bolt serves as a bearing for a 6 -inch sleeve to which is welded a four-way cross into which are screwed the arms that carry the seats. One of the latter is higher than the others so one child can be "king of the castle." At least one must be low enough so the rider's feet can touch the ground and supply the motive power. Also the arms must be the right lengths to keep the seats balanced so the supporting sleeve will not tip and bind. If the children's weights are too unequal, a sandbag in one seat will restore balance.
I built this device in my basement workshop where the neighborhood children tried it out and pronounced it good. Why don't you build one?

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\& "I think my husband likes oak flooring best, because it adds resale value to the house, but I keep reminding him that oak means saving money now-no worn out spots will need replacıng from time to time-as we're tired of doing now.'

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House is angular, rough-textured in appearance, its natural materials left to weather in the salt spray

## Year-round Beach Holse

The Neskowin, Oregon, home of the Simon B. Barkers with the Pacific at its feet, deep woodlands at its rear affords owners and guests alike the feeling of a never-ending vacation

Future planting on ocean side will be kept low to gain unobstructed marine views

## REBECCA TAIESMIS

IIost of us are content with an ocean view during an all-tooshort vacation period. Not so the Simon B. Barker family-father, mother, and three young offspring! Their home, perched high on a hillside several hundred feet from the blue Pacific, is for year-round living. In addition to having a complete sense of brightness and freedom about it, the house really belongs to its site. This feeling is due, in large measure, to the clean-cut lines of both exterior and interior as well as the abundance of large sash and clerestory windows. Owners and guests alike are afforded breath-taking marine views at all times, while the children have a playground that might well be the envy of their contemporaries.

The exterior of the house is covered with extra-wide knotty cedar siding with window frames painted white for contrast. Dining and living area blend into one another and are both afforded unobstructed views of the ocean through floor-to-ceiling sash. The dining space is separated from kitchen by a storage wall and also has access to a side porch. Opposite the glass wall in living room is a storage wall with cupboards reached from both sides. This wall is surmounted by one of the clerestory sash to gain added brightness. Exposed structural members of the shed roof and natural hemlock boards above the fireplace add to the rustic feeling.

One bedroom and adjoining bunkroom overlook woods and entrance drive while master quarters enjoy the sea view. The fourth bedroom, in a separate wing, has large glass walls plus its own bath.


Roman brick of off-center fireplace in living room
is in striking contrast to natural hemlock
panels above. Storage wall adjacent has open shelves and cupboards also opening onto bedroom passage behind

Photographs by Leonard H. Delano


Water, water everywhere, seen through the floor-to-ceiling sash on west wall of living and dining areas. Glass door leads to open porch; sash in dining end are deep shadow-box type, also used by architect in other rooms


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## Reward for Loyal Service

LEWIS GOIEE

There's no bronze plaque hanging over the doorway of this neat and trim cabin, but if one could be imagined, its inscription would read"In deepest appreciation for many years of loyal service." That's because the cabin belongs to Mrs. B. H. Mailly whose industry and imagination brought into being Camp Tamiment, a country retreat for teachers and students. In 192 I Mrs. Mailly, who was Executive Secretary of the Rand School of Social Science in New York City at the time, decided to found a camp. Twenty-two years later, after creating one of the largest and most beautiful adult camps in the United States, she decided to retire and let others take over its administration. In grateful appreciation for her loyalty, the board of directors built this little cabin and
set it aside for her exclusive use.
Its location is in Pike Count, Pennsylvania, atop Bushkill Mou tain. The design is simple and ur pretentious, but happily combines feeling of traditional rustic with contemporary look. The roof is lo running beyond the house eaves form an entrance porch and als spreading out on one side to recei the massive stonework of the chin ney. The living room is almost squar which makes for good furniture rangement. Its Ponderosa pine wal laid horizontally, combine with op roof rafters to produce the desir informal atmosphere. Extendir across one entire wall, a sturdy sto fireplace with adjoining opening wood storage is a feature of th room. Robin and Vogel, architec designed the house.


The rugged stonework of fireplace extends across one entire living-room wall. Above is a continuous mantel shelf and natural pine boards laid horizontally to match other walls in room. A convenient detail is the built-in stone opening for wood right next to the fireplace itself and matching its design


A mere swish of curtains and the kitchen in miniature comes into view. No stark white clinic is this but rather a homey recall of grandmother's old-fashioned kitchen with its natural pine doors, hanging cupboards. The adjacent opening leads to bedroom and bath


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## Niriade Plant fromil Periu

(Begins on page 30)
back yard, for hot, dry weather does not seem to affect the green freshness of these plants from South America. Nor are there serious insect problems in growing Ismene. In dry summers grasshoppers may nibble at the leaves; at digging time a few borers may be found, but they do little if any damage to the big, firm bulbs, typical specimens of which are pictured on this page.

If necessary, plants can safely be moved at any time during the growing season. But in any case, promptly after the first frost dig the bulbs carefully and lay them, with tops intact, in a warm, airy place to dry. Later remove the withered tops and rub off any loose outer, onionlike skin before putting them in winter storage.

One fall, in digging, I sliced several bulbs with the spading fork. Thinking them done for, I threw them into a box to be disposed of later-and forgot them. Imagine my surprise when, at planting time, I found each fragment with a number of small bulblets clinging to it! The next spring, as an experiment, I intentionally cut some bulbs in half before planting them. They behaved quite differently, producing a number of round, marble-sized bulblets while the mutilated parent bulbs dried up and disappeared. I have forced Ismene in a greenhouse, but do not consider it a good subject for that. However, if bulbs are left in storage until the flower buds are well developed and then planted outside, they will bloom almost over night. They can also be started in the basement in pots, which are later plunged rim-deep in the border or elsewhere in the garden. Yes, Ismene is a "miracle flower" all right.


Interesting evidence of the urge to preserve the race: These Ismene bulbs, damaged in planting and thrown aside, not only lived, but produced numerous offspring



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Just as I still childishly keep the chocolate frosting of my cake for the last delicious mouthfuls, so I leave the arranging of flowers about our home for the final pleasing and enjoyable task after everything is clean and shining for the day. I've never had a course in art or flower arrangement. But I love flowers, love working with them, and seem to have (at least, my friends say so) a natural good taste and artistic sense. It's hard for me to understand how anyone with a handful of flowers and a bowl or vase cannot arrange them effortlessly and at the same time beautifully. But evidently there are many such-even as I cannot make bubbles of gum, though it looks easy enough. To me the rule is simply this: Arrange flowers as nearly as God grows them and you cannot go wrong. I have spent many hours at flower shows, before florist shop windows, and scanning pictures of arrangements made by nationally known authorities; and I have found so many that are too perfect, too studied and cold, and, to my mind, quite without beauty. Many, of course, are right and suitable for both formal and informal use or displays. . . . However, I am speaking now of arrangements done for pleasure in the home by the average homekeeper.

I once watched a friend trying to pút together, scientifically, rule by rule, her flower show entry of exactly two roses, one bud, three green fronds, and a vase just the right number of inches tall. The result of even so small an arrangement was artificial. Why? Because she had no feeling for the flowers or the task. She admired them, but did not truly love them. I know this because of a remark she once made. Her newly bought home had a lovely garden with iris all along the picket fences-but she pulled them all out because "the flowers were pretty for so short a time, and the foliage is so ugly." Think of it. Those lush green spikes


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## Confessions

(Begins on page 133)

In flower arrangement, the most unexpected beauty sometimes results from mixing improbable colors. Once I filled a big blue earthen vase with blue delphiniums, pale pink cactus dahlias, several stalks of magenta foxglove, and one large, deep red rose! I placed the whole thing on a rumpled square of magenta cloth-and got me a first prize at the local show! And that, in spite of the fact that magenta was then taboo. "Never use magenta," they used to say. "Rip it out of your garden." But I just couldn't. It was everywhere-in perennial sweet peas, foxglove, phlox-and I loved all of it, especially when arranged in bouquets with blues, deep velvety reds, or clear purple canterbury-bells. And now, bless its heart, magenta has come into its own at last, in draperies, wallpapers, dress materials, yes, even in nail polish and lipstick! So why not in gardens as well?

One of my pet peeves is fruit and flowers arranged together. Except for oranges, I have never seen a tree bearing fruit while in flower. It isn't a natural combination and therefore, I think, not a happy one. Last year, I saw one flower show arrangement of carnations with, so help me, strawberries on toothpicks at their base! And another of tropical leaves, yellow carnations, and a bunch of immature, green bananas. I hope it was an intentional "monstrosity arrangement," but I'm afraid not. Of course, for decorative purposes, fruit by itself is charming-but let's not put carnations with it, please. Would you put an avocado or a bunch of cherries on a lovely flower chapeau?

Mixing cultivated flowers with weeds is tricky; results are often incongruous, like a group of high-style city gals at a folksy country dance. Field flowers can make just as pretty an arrangement as greenhouse or garden flowers-but kept by themselves.
Some years ago, I watched a woman famous for her talent with flowers demonstrating good taste in arrangements for different occasions. She tore every leaf and stem from a huge bunch of yellow chrysanthemums and piled the blossoms in a pyramid on a platter! She also arranged a row of lovely white tulip blossoms soldier-fashion along the table after cutting off their long, graceful stems. It seemed to me like tearing wings from butterflies, and the result just about as cruel and ugly.
Perhaps it takes book learning and a study of human needs and psychology to arrange and like flowers that way, just as it probably does to understand and like Wolfe and Dali. But I wouldn't know. I'm just a simple soul who loves all God's arrangements, from a little oppressed golden dandelion to a frosty mountain painting on a winter window pane.

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## Pave Your Way

Steppingstones are not troubled by frost or wet soil. To fit the average step, set them 22 inches apart, center to center. To lay flat field or river-bed stones, simply scoop out a bed for each one and set it firmly, flush with the ground to make mowing easier. Or, for a dry path across a wet spot, set the stones right on top of the ground. Quarry stones up to 2 in. thick and slate, which usually ranges from $3 / 4$ to $I^{1 / 2} \mathrm{in}$. thick, must be laid with extra care and only after raking the soil well to remove all pebbles. Then press each piece into the loose earth and test it again and again to make sure there are no hollow spots or stones beneath it.


Concrete for making a walk is easily mixed in, then poured from a wheelbarrow

Spread each batch quickly, using hoe or iron rake to get even, solid distribution

Strike off a rough surface by working heavy straightedge back and forth while keeping ends down on form

Give desired final finish with wooden float (shown), smoothing trowel, or both. Edge and score with edger


This finished concrete walk shows forms still in place. They support both concrete and cinder-bed layers, each 4 in. deep

Repair technique: If cement between slates or flagstones cracks, chip and dig it out, wash stone edges, and refill with new cementsand mixture or neat cement. Smooth surface, keeping cement off stone

An inexpensive walk, flexible and presenting no frost problem. It is of salvaged asphaltbrick laid directly on well-drained, firmly tamped earth. Hot tar is poured into joints



Cross section of standard, permanent walk of brick laid flat on 1 to 2 in . of cement, 4 in . concrete, cinder foundation, rock fill for drainage

Bricks can be laid directly on firmly tamped, well-drained ground without inviting frost trouble-if not cemented. Sand brushed, or tar poured, into the joints gives a flexible walk. Or, if grass is wanted, fill the joints with a mixture of sand, soil, and lawn seed and keep it watered until the grass is well up. Use hard-
burned or "face" brick rather than the softer common brick, and for maximum strength lay them on edge.
For a smoother, more permanent walk, dig out several inches of earth, grade the foundation an inch higher in the center, tamp firm, then spread and tamp several inches of damp sand on which the bricks are laid and firmed to the proper grade. Finally spread dry sand and brush it back and forth until joints are filled.

Concrete walks are, in the Northeast, usually 4 inches thick, made of a $1-3-5 \mathrm{mix}$ (I part cement, 3 sand, 5 gravel, by volume), and laid on at least 3 inches of cinders. In frost-free regions, concrete, like bricks, can be laid directly on almost any kind of ground, except where cinders are needed to insure drainage.
After the foundation is laid, soaked, and tamped, set wooden forms the desired width apart, with their top edges exactly the height of the finished concrete surface. Drive stakes firmly along the outside to hold the forms and brace them if necessary. Curves can be fashioned from sheet metal or plywood. As each batch of concrete is poured, spread it with rake, hoe, or shovel to settle it into all corners. Now move a strong board with a straight edge along the top edge of the form with a sawing, back-and-forth motion to squeeze off excess concrete and roughly level the surface. (This is called screeding.) If hollows appear, fill them and repeat the process. Concrete sets in from 30 to 60 minutes de-


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## Pave Your Wiy <br> (Begins on page 48)

pending on the formula used, the water content in mixture and air, and the temperature. (Setting is indicated when the surface water film disappears.) Do the final finishing any time before the concrete becomes too hard for the troweling to make an impression. A wood block gives a non-slip "float" finish; a metal trowel leaves a smoother, more slippery surface. For a very smooth finish, slap the concrete with the flat of the trowel to bring water to the surface. Round the edges and make the cross lines or scorings with an edging tool, using as a guide a straight board laid across the form and held firmly in place.

Concrete should "cure" slowly and meanwhile be protected from freezing (unless an anti-freeze is used in the mix) and from drying out. Lay newspapers, burlap, straw, etc., on it when it has set and keep moist for at least three days; the longer it cures, the stronger the concrete.
No single course should be more than 15 feet long, so at regular intervals place a length of spacer material across the form, or insert a thin oiled board which can be removed later and the space filled with tar. For an extranice finish, pour a half-inch layer of a I to 2 cement-sand mortar atop the concrete within three or four hours of the pouring of the latter, and trowel it smooth. If a colored effect is wanted, mix 3 or 4 pounds of concrete color with each bagful of dry cement.

Brick on concrete is a sequel to the above method. While the concrete is fresh, spread an inch or two of a I to 2 lime-cement mortar and lay the bricks, well-soaked, on that. Leave half-inch spaces between, and use a trowel to fill them with mortar. They should not be "grouted" by having a thin, watery mixture poured in around them; it usually runs over on the bricks and is very difficult to remove. In frost country, a few bricks will usually soak up water and crack every year. There is no way to prevent this, although crowning the center of the walk to speed the run-off of rain and melting snow may help. Asphalt has both advantages and disadvantages. It costs less than concrete, but since a crew and heavy roller are needed for a good job, it is usually best applied by a contractor. It must be handled hot, is a dirty, messy material, and hardens quickly, after which it is hard to move. On the other hand, it is flexible, which makes it useful near trees where roots may cause trouble. By the same token, it will settle or become uneven as the subsoil shifts. It calls for the same drainage precautions and foundation bed as concrete, but a 2 -inch depth is usually enough, as against 4 inches of concrete.

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## Pave Your Wiy

(Begins on page 48)
in Westchester County, New York: Cement-\$I per 94-lb. bag at yard. Cement color-from 20 cents to ${ }^{1}$ per lb.
Mortar cement (contains lime)-\$I per $70-\mathrm{lb}$. bag, also at yard.
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Slate ( I in. thick) - 20 to 30 cents per sq. ft. at yard, including not more than 10 per cent red. If selected or slightly trimmed, 35 to 50 cents.

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Flagstone (cut square) - 30 to 50 cents per sq. yd.

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$7^{\prime} 3^{\prime} 1_{2}^{\prime \prime}$ high, $5^{\prime}$ wide, $21^{\prime \prime}$
deep $\ldots \ldots \ldots \ldots \ldots . . .$.
$1227 \begin{aligned} & \text { Blueprint construction pottern } \\ & \text { for building small toble in }\end{aligned}$
2 versions top meosures $23^{\prime \prime}$ in diameter
$\square 1237$ Blueprint construction pattern for building choor
woven bock about $26^{\prime \prime}$, seat
$17^{\prime \prime \prime} \ldots \ldots \ldots . . . . . .$.
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for building rodio-phono-
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high $\times 35^{\prime \prime}$ wide $\times 16^{\prime \prime}$ deep; mirror $26^{\prime \prime}$ square
1284 Dainty roses and ribbons to point on chest about $36^{\prime \prime}$
high $\times 35^{\prime \prime}$ wide $\times 16^{\prime \prime}$ deep mirror $26^{\prime \prime}$ square
-1285 Scrolls and flowers to decorate chest obout $36^{\prime \prime}$ high $\times 35^{\prime \prime \prime}$
wide $\times 16^{\prime \prime}$ deep; mirror $26^{\prime \prime}$ wide s a
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chest, night tab:e, etc cowers and fruit motifs fo painting 2 metal trays Cross-stitch peasant design to
embroider on table mats ond nopkins-hot-iron transfer

- 43 Building pattern for toy born cow, stall for horse, pig per
214 Penna. Dutch designs for
- 235 Three exquisite crocheted
$\square 244 \begin{aligned} & \text { Build and decorate honging } \\ & \text { shelf with Penna. Dutch }\end{aligned}$
- 526 History quilt-embroidered set-in blocks-hot-iron
transfer
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wide $\times 6^{\prime}$ deep $\times 51 / 2^{2}$
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transfer
688 Swedish designs for laundr riets, .....................
- 690 Building pottern for drop-leaf
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kins...................
Authentic stencil designs for Authentic stenci, designs
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- 982 Chinese boy floral design, for

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[^0]:    HMEED•NOW KILL WEEDS * 1 = D - NOW KILL WEED 1) A D D Works Like Magic

    Touch Wand to wed. Kill dandelions, 90 simi-
    lar pasts. One fill of $24 \cdot \mathrm{D}$ (ills 1,000 or more. lar pests. One fill of 2.4.D kills 1.000 or more.
    No stooping. no digging. No danger to miter
     WEED.WAND (at dealert).
    WEDD.WALIO ( 48 fill 24
    Witi-WALIOP ( (48 fils 24-D).
     $2 \mathrm{~S}^{2}$ (h)
    ro-Quick, 348 W. Huron St., Chicage 10, ill.

[^1]:    ?

[^2]:    . of the exclusive United Wallpapers shown

[^3]:    Name

