Calling all cars!

...and all parents too.

LISTEN: for the sake of the family's safety let's have those new Goodyear Double Eagle Airwheels* and LifeGuard Tubes under us from now on. No daddy says he wouldn't be without them for a million dollars not only because they're light-footed and easy-rolling and cool running and sure-gripping — but because they end the dread danger of blowouts for good and all. Even mama doesn't worry in the back seat when they go fast now.

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EIGHT STANDOUT FEATURES

which lift the new Double Eagle Airwheels* above any tire Goodyear ever built:

1. The finest, safest, handiest, longest-mileage tire that we have ever built.
2. Root-waxed non-skid tread pattern in the world, made more efficient.
3. Tougher rubber, slotted 15% deeper to give many more miles of the Goodyear Margin of Safety for quickest stopping.
4. Built throughout of special new high-speed fighting compound that resists high-speed travel from tread-throwing risk.
5. Faster rubber “dust” for every ply, new “rubber-rib” breaker-loop anchorage, stronger band.
6. Super-low cord in every ply to guard against blowouts and bruises.
7. Flexible, easy-rolling casing, without the hard stiffness common to heavy tires.
8. Built to strictest specifications in industry, in materials, workmanship, balance and inspection.

MORE PEOPLE RIDE ON GOOD YEAR TIRES THAN ON ANY OTHER KIND.
"The FINEST OIL FURNACE
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NO OTHER OIL FURNACE
CAN BE LIKE THIS!
★LUXURIOUS HEAT. Maintains an
even temperature—automatically. Pro­
vides an abundance of hot water—
every hour of the day and night. Beaut­
iful in appearance. Quiet, clean and
colourless in operation.
★SAFE. Oil is burned in an electrically-
welded steel boiler. An automatic
safety control shuts off the fuel supply
in less than 4 seconds. The self-oiling
mechanism is sealed-in-steel to protect
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★DEPENDABLE. Sturdy—built fora
long life of service. Thoroughly reliable.
★ECONOMICAL. The new scien­
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burning efficiency permits the use of
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★ONE COMPLETE UNIT. Every part
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part. A compact, coordinated unit—
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Gentlemen: Please send me, without cost or obliga­
tion, "Luxurious Heat", 12-page booklet on the new
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safety, dependability and
economy in home heating.
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conditioning from one
economical G-E unit.
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dealer to show you the
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It supplies luxurious
heat and, in addition,
circulates healthful,
conditioned air
throughout the house.
Air which has been fil­
tered clean of dirt and
dust, and maintained to
the proper degree of
humidity.

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The Alvah S. Hicks residence is one of 120 concrete homes built last year in smart Palm Springs, California. Architect: Chas. Mattaboom, office of Earl Heischmold. Palm Springs. Builder: George Chamberlain, Palm Springs.

LIFE IS SECURE
AND GAY AND COZY
IN A LOVELY
CONCRETE HOME

It's fun to live in a concrete home because it gives such a brimming measure of every good quality a home should have.

In any architectural style you choose, concrete creates a charming, livable home—snug, warm and dry in winter, cool and airy in summer. A safe home that is secure from fire and storm, that resists the attacks of winter, cool and airy in summer. A safe home that is a charming, livable home—snug, warm and dry in the winter, cool and airy in the summer. Be sure that your architect and builder are familiar with the new concrete technique.

So-called "wholesale" bargains

It is important that every American Home reader heed this story as a new but already strongly entrenched "racket"

ROBERT THOMPSON

A difficult and fascinating business—buying furniture; all the periods of history, all the contributions of geography to be considered, to say nothing of computations in lower and higher mathematics. Now, there is another important phase to the education of furniture buyers—more disagreeable aspects of the really delightful experience of buying furniture. The public must also beware of misleading selling practices. It seems, however, that the beginning and ending of it lies with the buyers themselves, and it requires a deal of thinking and doing on their part to eradicate a widespread and growing danger to right furniture buyers.

We all like our own things. We choose them, we live with them, and we enjoy them. When the time comes to buy new furniture we want it to be the right furniture, good looking, well made, honest furniture that suits our house and us. The young couple, gayly, carefully planning, the experienced well-to-do shopper—all are alike. We are looking for the best furniture that we can buy. There is a bewildering plenty to choose from, antique, modern, simple, bazarre, wooden, metal, wicker, glass—whatever we desire. And the search of it leads us into the pleasantest sort of exploration until we meet with one almost inevitable and likely-sounding temptation hard to resist.

"Wholesale" has always been a catchy word and it, in association with other devices, is being used today to catch more than $100,000,000 a year from furniture buyers in New York City alone.

Strange enough, we begin with the fact that in New York City, in the trade, do not sell to the individual consumer. There are so-called wholesalers and these concerns, of course, are in business for profit. They must sell to somebody. Certain of these so-called wholesalers are operating their business on the dramatization of the suggestion that only you or I or a chosen few can buy from them, thus cleverly creating in us a desire, and for themselves a demand. Their sales promotion is based on the subtle suggestion that they do not want to sell furniture to you as an individual consumer, but that if they do, they give you a discount 50% and 20% and 10% and so on. The discount, from a fictitious or outrageous high list or alleged retail price. Therein lies their profit.

The suggestion of buying furniture wholesale may come to us in connection with the name of a person posing as an interior decorator who supposedly buys wholesale. Buying furniture through an established interior decorator, if one can afford it, is an excellent way to assure oneself of good taste and good values. Established interior decorators, and they are easy to identify, have joined forces with legitimate retailers to expose activities of persons who pretend to be decorators, but who really are brokers or dealers with stores in their hats. The stock trade of such brokers or pseudo-decorators, is in a courtesy card, supposedly entitling the recipient to wholesale discount favors.

We may likewise be invited by wholesale to a retail store, who also gives us a courtesy card to a wholesaler. Retail salesmen who betray their employers are, of course, motivated by the desire for private gain, in the shape of sales commission from the wholesaler.

Perhaps the largest field of activity of the so-called wholesale is among the employees of large corporations, or city, state or federal departments. Through the mails, courtesy cards or word of mouth employees are approached with the suggestion that they are a privileged class—privileged to buy wholesale. As a matter of fact, in many cases, one walks in off the street and obtains the same doubtful privilege.

However we may be led into belief that we are about to buy furniture wholesale, this is probably will happen to us.

We may find our way to dreary loft, crowded with furniture of all makes, periods, materials. We may find ourselves in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room. We may find ourselves in a junk store. Sometimes in a well-located, clean attract show room.
They find “All Three” priced about alike... but Plymouth offers most for their money.

The best “shoppers” buy Plymouths today. It’s proved by the way Plymouths are bought by women... actually one every five minutes!

Women, of course, shop carefully... looking and comparing... until they find the best blue. And today more than ever, that’s the way to buy a car.

“Look at All Three” low-priced cars today. You’ll see why good shoppers pick Plymouth. Priced with the lowest... it tops the field for comfort, safety and economy.

Only Plymouth of “All Three” has a Safety-Steel body, double-action Hydraulic brakes.

Drive Plymouth before you buy any car. Ask your Chrysler, Dodge or De Soto dealer.

Plymouth Division of Chrysler Corp.
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HOME OF MRS. WILLIAM HANNERBAN, HARTZUCK, NEW YORK, BEFORE AND AFTER REMODELING

LEONARD BARRON, HORTICULTURAL EDITOR

HOME OF MRS. J. S. CHRISTY, ST. LOUIS COUNTY, MISSOURI

MRS. JEAN AUSTIN, EDITOR

CHARLOTTE EATON CONWAY, ASSOCIATE EDITOR

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"Listerine Tooth Paste keeps teeth looking their loveliest"

Hear what Miss Janice Jarratt, often termed the most photographed girl in the world, says:
"Listerine Tooth Paste? It's simply delightful . . . gives my teeth wonderful brilliance and sheen."

Hear, also, the opinion of Miss Carroll Brady, lovely newcomer to famous New York studios:
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Like scores of other New York models, whose bread and butter depend on their good looks, these two lovely girls have found by actual experience that this dentifrice is best and safest for preserving and enhancing the beauty of their teeth.

Many Stars of stage and screen have discarded costlier favorites for this super soft dentifrice at 25¢.

If you have not tried Listerine Tooth Paste, do so now. It contains two special polishing and cleansing ingredients, notable for their safe and gentle action. And right now there is a special inducement to try this exceptional dentifrice. (See panel at left.)

LAMBERT PHARMACEUTICAL COMPANY
St. Louis, Mo.

Summer's Best Bargain!

MOIRE VACATION KIT
Rubber lined  Glider lock  Choice of colors
AND 25¢ LISTERINE TOOTH PASTE
AND DENTAL SPECIAL TOOTH BRUSH
ALL 3 FOR 49¢

AT YOUR DRUGGIST'S WHILE THEY LAST
This offer good in U. S. A. only

American Home, July, 1936
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THE KITCHEN SINK THAT SCIENCE BUILT

THE CRANE

Sunnyday

CABINET SINK

Here's the inspired answer to the housewife's question: "Where shall I put it?" The Sunnyday has a built-in refuse receiver, vegetable and bakery goods storage, cutlery drawer and accommodations for utensils and supplies. Cabinet is of heavily enameled steel. Doors and drawers are rigid, non-warping, smooth-acting, sound-deadened. The sink—acid-resisting porcelain on cast iron—has out-of-the-way faucets, swinging spout, cup strainer, rinsing and vegetable spray, stemware drying ledge and depressed drainboards. Fixtures are heavily chromium plated.

Send the coupon today for complete description of this labor-and-time-saving improvement in kitchen equipment. On convenient terms from your master plumber.

CRANE CO., 836 S. Michigan Ave. Chicago

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ADDRESS
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STATE

This complete Crane kitchen cost only $462

Complete Crane kitchen in home of T. C. Warken, Oak Lane, Pa. All remodeling, redecorating and all fixtures, including Crane Sunnyday Sink and Cabinets, came to $462—a saving of $14.49 monthly on the Crane Finance Plan. See your architect or master plumber today. You can have a complete Crane kitchen, too!

A.H. 7-36

So-called "wholesale" bargains

[Continued from page 1]

naturally anxious to buy. It is all a bit theatrical. They carefully explain about the discounts. Prices are sometimes in code. A certain number on the courtesy card may indicate the percentage or commission to go to the intermediary. Consequently, there is considerable figuring to be done. Or, the prices may be plainly marked in figures which even to our dazzled eyes seem very high. In this case, too, there is much figuring to be done. There is 50% off and another 10% or so and maybe something added on, and occasionally a sales tax mentioned. It all becomes more and more bewildering.

Meanwhile, we are trying to accommodate our concept of the "right furniture" we had started out to buy, to something not quite "right," but with the vague discount off the price. We may be told to go to a retail store and get the number of the furniture we want and come back and order it wholesale. This proves to be a sorry quest for the piece may be found to be unattainable and we are persuaded to take something else.

Actually knowing little about comparative values, we are at a loss. "That doesn't seem quite like a wholesale price to me," we may suggest. "Quite all right, madam. It is your privilege not to buy it." And strangely we are convinced that the price is right.

"It is not quite the quality I expected," we may venture. "There can be no question of quality. This is from one of our own factories. We sell to dealers who have to accommodate our concept of the "right furniture" we had started out to buy, to something not quite "right," but with the vague discount off the price. We may be told to go to a retail store and get the number of the furniture we want and come back and order it wholesale. This proves to be a sorry quest for the piece may be found to be unattainable and we are persuaded to take something else.

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"Warmer Tomorrow" holds no threat of discomfort for the family whose home is equipped with Sunbeam Air Conditioning. For they are masters of their weather. They enjoy Springtime indoors all year 'round...warmed in winter, cooled in summer by the same handsome Sunbeam Unit.

Installed in the basement, it sends a stream of clean conditioned air through inconspicuous, space saving wall grilles into every room of the house. In winter, this air is filtered, heated and automatically humidified to a healthful level before it is circulated. In summer, there's relief from the heat in gentle circulation and ventilation with filtered, cool, night air. Mechanical cooling and dehumidification are available, if you want them. This equipment, however, may be installed at any later time.

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Address ____________________________
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The new Sunbeam Air Conditioning Unit, installed in the basement...for oil, gas or coal...for all homes, old and new, large and small.
Sweet peas cut with long stems

Succulents in pots for
Tray or wicker basket

A gay tin cast with
miniature snails
LIKE PEOPLE, HOUSES MIGRATE

With mellowed plaster walls, weathered bricks and stones, low roof line, and roof of shingles laid to simulate a thatched effect, this house—the home of Mr. and Mrs. Harry East Miller—suggests far away Normandy though it is located not far from the hills of San Francisco in Atherton, California.

A HOLROYD

or far from the hills of San Francisco the country opens into the warm, spa-
area of the peninsula. Here, in spite of
creasing march of newcomers, may still
and broad open fields studied with fine
It is an ideal home for those who desire
axation that life in a busy city cannot
-a truly delightful retreat.

With those vast fields before you, the sea a
tiles beyond sending sometimes the wel-
soft, cool fogs, you might easily im-
-yourself in Brittany or Normandy.
the yellow stubble might ring the bells
tent churches, and under the oaks might
peasants for a Pardon at Plougastel
te at Coutances. Owners, Mr. and Mrs.
East Miller, and architect felt that an
ld house was required here, and
ht to its making old weathered bricks,
s, and materials that appear as though
orks might have gathered them to
a home. The plaster has been mel-
with colors. The roof line is low, sug-

SITE: A graceful effect is produced by sweet peas cut with long stems and foliage; ged by Mrs. Willard Helburn. Sedums in small pots provide variation. Both photo-
as by Antoinette Perrett. Charming and new table decorations are the flower globe
Universal Novelty Products Co. and the little tin flower cart from Irene Hayes, Inc.
The house was designed for the generous and easy living that is characteristic of the Western states. The curved layout suggests an intimate and unusual charm to make this a much-lived-in part of the house. There is a splendid oak at the correct distance for convenient shade. Sunshine and shade are important features to be harnessed to a house, and for that reason there is a curve in this layout, and breaks here and there. The curve draws the house together and affords an intimate charm rather difficult to explain. Beyond the dining room appear the service units of the house that help to form the curve building and extend to the garage. The garage houses two cars, often a guest, for above it there is a bedroom with a bath. This is reached by an outside stair that has a pastry vine along its warm plaster wall, with some purple painted grapes ripe in the sun. There are various uses this bedroom set apart: it becomes easily a quiet studio or a place to shelter a hobby. All the bedroom facts are rather scattered about in the house. There are two more and a

Through a brick and timbered door one enters the living room with its coffered beams, massive windows, large brick fireplace extending along the side of the spacious, hospitable to be found on the second floor about middle of the building. This seems a arrangement for a family of limited size the maximum amount of week-end guest. Driving into the gates of Downstate at sunset time when the hills of the California coast range are spreading their blue sh and the cool scents of evening are beginning to rise from the fields, the house seems at the topmost shingle and bit of beam end to the last decorative detail, fluffy kittens chasing their tails on the race, this house belongs to the spot it has been built. Yet this Californian but an adopted background, for surely rambling house has migrated from the sea where its ancestor may be in the countryside of ancient Norm
The herbaceous garden of the connoisseur

HEN F. HAMBLIN

The most showy, most floriferous of the hardy low creeping perennials for the rock garden are found in the varieties of our Moss Phlox; white, rose, pink, lilac in a varying range of beautiful shades. The white forms are best adapted to acid soil

forms. First place goes to the form Snow, a name not yet common in the trade, with the advantage that the petals are wide and rounded, overlapping, much like the flower of the Garden Phlox of summer. This offers an unbroken sheet of whiteness far more striking than the older white forms with narrow or split petals. The form. The Bride, may be the same as Snow, but the petals are not as wide, and there is a touch of color in the eye of the flower, while Nelsoni has a definite pink ring in the eye of the flower. This tiny dab of pink does not affect the whiteness at a distance, and does add interest when seen close at hand. But in other seedlings the eye begins to take wider areas of the petals, and the flower color then classes as pale pink (especially as the flowers grow old). The best white, then, has wide rounded petals with but the faintest color (pink or yellow) in the eye. All the white and light forms are very fragrant and grow well in moist and acid soils than preferred by the dark color forms. Also, the darker the color the more the plant demands full sun.

The range of pink forms is very great, from rosy ivory to violet-pink and deep rose. Many good seedlings as yet have no special names. The best pale pink that dealers offer has the name of Apple Blossom, save that, like the blossoms of apple trees, the pink is in several shades (as sent to me). But it is a soft pale pink, not as glaring as the rose of Daisy Hill and Bijou Rose. The climax of this color is in Vivid, a plant well named, for the color is a vivid rose of peculiar intensity. It kills the color of every other pink form of Moss Phlox near it. Also it is a short-stemmed plant, making tight tufts and does not run rapidly over the soil as do many of the varieties. This dwarf habit is an advantage in small rock gardens, but the plant is handicapped when mixed with other varieties and it cannot compete with the robust perennials of a mixed border. By its density of growth and intensity of color it is easily distinguished from its sister forms. It is best to use it with caution.

Of pale purples and violets there are several, and the old wild magenta form is no more needed. Alice Wilson is a violet-pink, but better than the wild type. Newry Seedling is light mauve and Sensation is purplish rose. These have wider petals than the old forms, and when they begin to bloom they are distinct shades of color, but as the flowers fade in age the effect is much as the old wild kind. There is no necessity of namin more of these purpled seedlings. Yet we like these colors in Aubrietia, a plant far less easy to grow and blooming with less amount of color per plant. If you wish a battle of colors, mix the seedlings of Aubrietia and this Phlox in a rock garden. But the white forms of Phlox set off well the bright colors of the Aubrietia.

The deep red tones of this plant are not yet well represented, for the crimson shades of the tall Garden Phlox are not with us yet. The darkest red of old gardens was Atropurpurea, still seen and at times sold by dealers, the petals narrow, star-like, a deep red-purple with crimson eye. A better seedling is Rochester, not quite as dark red in color, but the petals wider, and a more heavy bloomer. A clear cardinal red would be a treasure indeed, for red is rare in the dwarf perennials of May, except in troublesome Aubrietia.

The other extreme of color from the original magenta is pure blue. A start in this direction has been made. A pale lilac mauve is

(Please turn to page 72)
The home-owning class of people in this country consists of two groups: those who have outdoor fireplaces and those who wish they had them. Nothing in the way of home modernization in recent years has caught the public fancy like the outdoor fireplace and grill.

South of the Mason and Dixon Line it can be used more or less throughout the year, according to variations in weather. In Southern California, Florida, and other Southern states, where semi-tropical climatic conditions prevail, its utility and charm may be enjoyed eight or ten months out of the year. In the temperate zone it may be used about half the year. In the Missouri, Mississippi, and Ohio valleys it enables the family to get away from the sweltering indoor dining room for all three meals of the day a considerable portion of the time, affording more fresh air for those who spend a substantial part of each day in stuffy offices, under artificial light. In health benefit alone to the average family the outdoor grill, with facilities for serving meals, is worth whatever it costs, and the price may be made to fit the pocketbook of the homeowner. One eats more leisurely out in the open air, where hearty laughter fills the lungs with oxygen, and vagrant breezes relax the nerve tension of a workaday world.

The real way to build an outdoor fireplace and grill is to go ahead and build it. A certain couple of my acquaintance saved magazine pictures of outdoor living rooms for years, until they had thirty or forty, intending to combine the best features of several into one, and never actually getting down to the task until many years had elapsed. Then they found, to their chagrin, that none of the pictures embodied anything desirable in their mind’s eye other than that each had a place in which to build a fire and a place where smoke came out. So they got out pencil and paper and drew pictures until they finally evolved their idea of what fitted their own particular requirements, and the finished product was thoroughly satisfying in every respect.

If you reside in the country it makes no difference what sort of working plan you have, for the public safety and fire hazard problem is your own, but if you dwell in a city having building restrictions may have to engage an architect to work out some sort of plan that will meet building ordinance requirements.

The two things to which especial care should be given are the of having the throat of the firebox built in such a way that it will in all kinds of weather, and the matter of providing sufficient flue to prevent smothering of the fire. Any bricklayer can tell you how to build a fireplace that will not smoke, but you will do well to look into a few of his jobs which have been in service for years and ascertain if they have given satisfaction. The firebox should be at least one fifth the size of the firebox. If the fireplace is deep and five feet across the mouth, the flue should be of square, and it ought to be lined. The barbeque or charcoal grill is built at the end of the fireplace superstructure, and its flue should run parallel but separate from that of the fireplace proper.
A SLAT HOUSE
more than pays for itself

The idea that a slat house is only needed in a very large garden, or in one where plants are raised professionally, is about as logical as to say that a washing machine is only needed in a hotel or a professional laundry. Anything that saves time and labor, and secures better results, is a necessity in the economy of the present day. Ours cost less than $15—A. H. CARTER

We were driven to the use of a slat house in our own moderate sized suburban garden by poor success in starting young plants. Since we have discovered the ease and convenience of growing our seedlings and cuttings in a slat house, and have found much more vigorous a start in life is given the plants in this way, could not be without one for many times its small cost. A slat house need not be large. We used the unit principle, which permits enlargement as it is needed, and we built our house in sections that, if necessary, it might be quickly taken down and put up again in another spot, or even loaded on a truck and moved to an altogether different location with a minimum of trouble.

Our first unit, which we made twelve feet square and six feet eight inches high (somewhat higher in the middle arch), gave us such good results that we soon added a second section, sixteen feet wide and twelve feet deep, opening into the first section, with the slats spaced a little closer apart, so that we might obtain just the amount of sun and shade desired. We are starting to build a third unit, which will balance the elevation of the house and improve its appearance. Later we may add sections in the rear if we should happen to need them. After the

Corner and door sections removed and two roof sections raised

Photographs by the author
TRUSSES 3'6", 4'6", 4'0" WIDE
FRAMES 1" x 2"
SLATS 1\(\frac{1}{2}\)" x 2", 2" APART

Fig. 4.

2" x 6" PLATE
1" x 2" PIECES NAILED EDGWAYS
1" x 4" BRACES

Fig. 1.

3' 9\(\frac{1}{4}\)"
1" x 2" FRAMES
1\(\frac{1}{2}\)" x 2" SLATS
2" APART

Fig. 3.

6 SIDE SECTIONS

Fig. 2.

TWO 3" SCREWS ON OUTSIDE
2" x 6" PLATE
4" x 4" POSTS

Fig. 5

5" SCREWS
DETAIL OF CORNER FRAMING
2 FRONT SECTIONS
4 REAR SECTIONS
2 DOORS

first unit has been built, the labor and material necessary for additions is much less, since one side of the new part opens into the section already built, and the portable side of the first house is moved to form outside of the next one.

The construction is light and inexpensive, yet rigid, so that heavy winds can not shake it. Most work on our slat house was done by ourselves, a man and a boy, at odd times, as no expert carpentry was required, and the parts were finally assembled. The frame was made, put in place, and the sills left

(Please turn to next page)
Sidewalk cafes blossom on every city street; picnic tables spread along our highways; hamburgers and "red-hots" in Iowa; lobster sandwiches in Maine; the whole country is agog with eating out away from home. Why does it never occur to us, for a change, to try eating out at home?

We built our Cape Cod cottage five years ago and planned to extend the intimacy and informality out-of-doors and designed the garden at the serve as supplementary living and dining quarters. If, on the very first spring day dressed in sweaters we are out carrying our breakfast trays to the where the scillas show a bit of blue in the thin light. And, in the fall, our steaks sizzle on the spit fire whose smoke drifts up through the gold of key locust down by the old creek bed. Even in we munch a slow sandwich on a four-legged stool as the cardinals and blue jays quarrel over the suet seed in the feeding trays. And always, if it is to eat out-of-doors, we can draw a table to the and lose ourselves in the changing pageant of and tree-line. Sometimes we wonder why we included dining room in our building plans at all. ection and contour of the building site aided pose. Screened from the street by the bulk of the and side yard planting; protected on one side by age wing and on the other by a high hedge of shrubs; completely closed off at the rear by a ravine down which log steps descend to the at the bottom, the garden scarcely needed the of the white picket fence to make it completely The different levels of the lot yielded any num-cluded retreats for lounging and dining. ees furnishing a separate place and a table setting y month, our garden offers one for every mood
A solitary cup of tea enjoyed in a deck chair at the end of a path where one can watch the quail and wood thrush picking their way in and about the ferns as well. From the solitary cup of tea enjoyed in the deck at the end of the graveled path where one can lie on a day and watch the quail and wood thrush picking their about in the ferns, to a table set for six on the porch in th of a summer's evening, one may take one's choice. Or pe it is to be tea for two in organdies and garden hats at the of the stone terrace steps. Pink Polyantha Roses again dark green of Hemlock are the proper background here, an is June. Paul's Scarlet Pillar Rose on the garage wall ad brilliant note. The stone seat under the brow of the rav just the place for an informal mug of iced coffee and a cig on a hot morning. But, best of all, we like the breakfasts the pergola that shades the terrace at the back of the Red tablecloth and napkins come up from a cupboard basement; coffee percolator and toaster are plugged in electric outlets on the white brick wall; bacon and eggs, and orange juice appear on a tray from the kitchen up an we are ready. Long clusters of purple wisteria swing our heads. A humming bird darts distractedly from Lilac to coral Bush-honeysuckle, uncertain which may sweeter. Chipmunks run about looking for crumbs, an own Jenny Wren almost bursts her throat to welcome breakfast such as this should be eaten at the end and the beginning of a busy day.

Because our house is entirely Early American from its spreading roof line to its green painted door, and is full overflowing with old china and glass, pewter and horn linen, we set our outdoor tables from a wide variety of gear belonging to that period. Bennington, of course, s breakfast under the pergola with coffee from heavy mugs and cigarettes in little old Toby jugs. Beebalm and opis and Cornflower spill their yellow spice from the m milk dish in the middle of the sawbuck table. On the tea the Sheffield pot demands its own complement of Wedgwood and lacy Sandwich and the tiniest of red and blue bouquets in an old footed salt. Or if we draw a coffee table out onto the wide sweep of lawn to catch th
— to make outdoor eating more amusing

Tin-finished sheet of brass framed and bound in bamboo makes a nery tray for plates of sandwiches, or tall glasses or even assorted cuts. Russel Wright, Inc. has it. The glasses, with vegetable ins—Pitt Petri. Crystal salad or berry bowl—Marjorie E. Ashford

SOMETHING old—but chiefly new, something different, something blue. This prescription is not for the June bride, but for the July or August day when there is just nothing to do about it but move your meals out of doors, and to eat them with as many of the amusing new accessories as your menu can provide excuses for! On these pages are just a few of the refreshing and entertaining accessories which will make summer meals just twice as appetizing!

Drum tray is gay in itself is infinitely useful in serv nutrit of doors. Marjorie E. ford. The“hot pot wagon” individual onion soups or red beans is an especially sing novelty, and with it a wheelbarrow for bread rolls. The Party Mart
A French baking pan makes a perfect tray for the individual breakfast served on the terrace. Tray, coffee pot, and ramekin are metal; the other pieces brown and white pottery. Wanamaker's

Right: Hurricane candlestick with metal base, from Dennison's; and, below, wrought iron furniture at remarkably low prices. The chair is only $15, the tables $19.50; William H. Jackson Company

Metal is always cool looking and the aluminum-like metal tray and bowl are no exception. Designs match or contrast. Ovington's
—with porch comforts

The little things that count—make big things harmoniously the delightful group in our photograph, for the porch terrace that is really an outdoor living room. To go there comfortably read furniture are wicker reading round or square, with plain "Sea" shades, and similar tropical mats and glasses in gay colors. Furniture, Money Bros. Inc.; lamps, Mary. Mats from Lewis P. Weil.

Tall, standing hurricane candlesticks are just the thing to light the supper table set on the porch of a summer evening. The shorter one is quite Colonial in feeling, the other modern; both are of metal in bright colors. Mary Ryan.

Both amusing and convenient is a little metal stand with the tray section divided off to hold glasses and bottles. W. & J. Sloane is featuring this one.
Photographing your flowers

When a flower grower finds in his garden a particularly fine men, or a specially artistic grouping, he naturally the photography to preserve the event. The flower passes; the phot becomes a permanent record of its loveliness.

This coupled with the possibilities of the subject, led me into the of photography, and I set down here some of the things I have found about it, by practice and experience, hoping that such hints and in this article contains will be helpful to others. The practical side subject will receive the most attention, because the artistic side up to the individual himself, and all that can be given in that di will be merely hints.

In the first place, it seems to be a waste of time and energy to get really handsome results with the small hand cameras. You can be sure of what you are going to get. Some very good general v corners of gardens have been made with the small machines but pictures, close up, you should have a so-called "view" camera as in the illustration. This has a full-sized ground glass viewing panel which your picture shows up just the way it will look when it. These cameras are inexpensive, easy to operate, and have the adv over the small hand outfits of making it possible to get picture individual blossoms life size, in many cases.

A 5x7 camera of this type is big enough to be practical. An 8x1 you a larger original image, but the 5x7 negative can be enlarged this size is much lighter to carry into the woods should the wild become part of your program.

As you will note in the illustration herewith, this camera has bellows. This is necessary for close-up work. A lens of eight-in inc will require a bellows extension of sixteen inches to make a picture flower life size. Equipped with this camera and a good sturdy trip can successfully photograph anything you want, indoors or ou

This picture of Cypripedium acaule was made with the camera placed on a low box, tipped slightly, with ferns bent down to help the composition
Leaves were left out here to get a close-up of the more interesting "Jack." The portrait of the Nightblooming Cereus was made at night with one spot light and white reflectors.

Below: A good set-up for making flower portraits indoors. The cork in the neck of the bottle holds the flower in any position. For an orange or red flower use a white background placed on a box about six inches high. This was tipped up slightly at the back to bring all of the plant into the picture. Overalls are indicated for this job, because you have to get down on the ground to see what you are doing. Focus as sharply as possible on the plant, then stop down the lens to bring all the plant in focus. Trim out any objectionable spears of grass which may show up in the picture and don't be afraid to bend ferns and other bits of foliage.

The camera reveals the marvelous beauty of a commonplace wayside weed—the Wild Carrot.
The beautiful legends of Texas’ wild flowers

The Lone Star State is now celebrating four centuries of progress and a hundred years of independence, and its exhibits of Texas flora recall the many charming legends grown up around its hundreds of beautiful wild flowers.

Above: The Texas Bluebonnet; left: a Yucca and Nelumbo or Water Lotus.

All night long the walls of the stricken people had risen from the dust-dry plains up to the hot, black, starless sky. All night long the medicine men and the priests had made sacrifices for the long denied blessing of rain.

But the gods were angry and refused to listen to their petitions. Dawn came, and the sun arose hot and golden, beating down mercilessly upon the vast concourse of tribes who knelt in the valley.

They were lean and emaciated, these people, bitten by drought, wracked with grave pestilence. The curse of the gods was laid heavy on their pueblos because of the great wickedness of their chieftain, who had strayed from the pious ways of his fathers, and brought a rebellious knee to their ancient altars. But the haughty chieftain sat in his lodge and hardened his heart against the pleadings of his priests, against the tears of his daughter that he turn again to the old ways for the sake of his tribes.

Noon passed, and the tortured people still cried out for mercy from the heat and drought and the sickness which afflicted them. The princess came at last and prostrated herself at her father’s feet, her black hair spreading about her like a mantle, hiding the pitiful thinness of her little starved body in its blue cloak. Yet the chieftain would not turn again to the old ways for the sake of his tribes.

She set her small, moccasined feet solemnly upon the vast concourse of tribes who knelt in the valley.

Dusk came and the spirit in her body cried out for mercy from the heat and drought to flicker out. She was spent from a day without food or water. Death was near, but the gods were blind and would not see; they were deaf and would not hear.
A shabby small town house takes on a new lease of life

Home of Mr. and Mrs. O. B. Briggs
Perrysburg, Ohio

though it will be realized at once from a study of the plans and the number of items on the cost sheet that this was a most complete and thorough modernization operation, you may question the wisdom of expending such an amount. But let us explain in detail the rather unusual and extraordinary conditions which existed, and which after due consideration justified the expenditure in the minds of the owners and the architect.

The village of Perrysburg, beautifully located on the south bank of the Maumee River, eleven miles from Toledo, has in the last few years become a desirable and popular place for the younger generation from Toledo to build homes. The older inhabitants, most of whom are retired farmers and small property owners with large intermarried families, are comfortably well-to-do, and property values have not suffered during these past depression years. Near the historic sites abounding in the neighborhood add to its charm.

The incorporated village is but a mile square and, though the bank of the river between Perrysburg and Toledo is solidly lined with beautiful homes overlooking the winding river dotted with islands, property in the village itself with a water view is very scarce. There is, however, one stretch of almost three blocks, where five houses, ranging in size from two to five rooms, are situated. Though these are not large houses, they are solidly built of brick and are of the handsomest design.

The rear extension originally contained a cold room, woodshed, and laundry behind the kitchen and pantry. This was completely replanned to provide a more efficiently arranged kitchen and maid’s room. The laundry and storage quarters were moved down to the basement. In addition, a garage was built on with a usable deck above protected by a decorative rail...
These days of extra leisure and improved tastes we are always on the lookout for something to do about our homes that will make them more attractive, comfortable, and enjoyable. Our depleted pocket-books insist that any changes or additions be economical, too. Then why not shelves—not just plain ordinary shelves, but decorative additions to rooms? If a room seems too square, shelves will give it a more interesting shape; or if a wall space is too large for

Bathrooms never have enough shelves, and medicine cabinets seldom expand obligingly... desks are small and lamps upon 'em use too much coveted space... windows take on beauty with potted plants about them... the cure—more shelves!

in our bedroom, afford an hour of relaxation before dropping off to sleep. We, therefore, illustrate three different arrangements of shelves for books—shelves that are a little different either in their location in the room, or in their design. Desks are often too small nowadays to accommodate a lamp, so we have placed a book shelf, with a concealed light, directly over the desk. This is also an excellent idea for boys and girls who go to school, for in this way they may have all their books at hand, plenty of elbow-room, no lamps to knock over, and the entire desk top (even an ordinary table would do!) at their disposal. Painted inside and out, not forgetting the wall back of the shelf, with the accent color of that particular room, it will undoubtedly make the entire room more interesting.

Bathrooms never seem to have enough shelves. The medicine cabinet is very seldom large enough to accommodate the numerous accessories it is most convenient to have in the bathroom. Therefore we suggest two ga shelves, one on either side of the cabinet, to take care of the overflow. Witch-hazel lotion, and so forth may be put in decorative bottles, and these together with bath salts, powder jars, and perfumes cheer up any commonplace bathroom. A good idea would be to paint the inside of the shelves and the wall behind the color of your choice; and the edges a contrasting shade. This is also an excellent idea for boys and girls who go to school, for in this way they may have all their books at hand, plenty of elbow-room, no lamps to knock over, and the entire desk top (even an ordinary table would do!) at their disposal. Painted inside and out, not forgetting the wall back of the shelf, with the accent color of that particular room, it will undoubtedly make the entire room more interesting.

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bath. This shelf is very simple to make, the scalloped gallery being cut in plywood and nailed onto an ordinary shelf, with a half-inch moulding applied afterward merely as a decorative detail. These bathroom shelves are bound to make life a little more pleasant, a little more interesting, and heaps more restful.

Everyone loves to have flowers around, and most women like fussing with potted plants in the house, so we offer two ideas to the women who love the knack of making things grow. In many houses and most apartments there is usually one room with an unattractive outlook. Draping the window in this room in order to hide the outlook doesn't help matters any as it only increases the dreariness of the room by cutting off most of the light. A shelf cut to fit the window sill, but large enough for good-sized pots of flowers, brings the attention within the room and makes it possible to use crisscross curtains that let in great quantities of light. With the shelf and the pots painted gay colors, and with the light airiness of the curtains, the room at once becomes charming and happy. We have shown this shelf with a scalloped apron and a matching valance above the curtains, also made from plywood and painted the same color as the shelf.

Little individual shelves, used as wall brackets, with flowering or foliage plants, placed one above the other, up and down the sides of a window are used instead of heavy drapes in our second idea. This grouping of small shelves, placed in a simple geometric design, has many different possibilities. Over the mantel, over a big sofa, or above a chest of drawers—they will exhibit quite decoratively a collection of china birds or dogs, or those charming small eighteenth century figurines, so popular with decorators.

Few people think of a dressing table as an over-grown shelf—but actually they are that simple to make. The dressing table which we show is merely two drawers, held up by brackets as any ordinary shelf is held up, with a sheet of glass forming the top. This style of dressing table, since it has no legs, is particularly well adapted to a small space, such as a closet. The drawers and brackets can be painted any number of interesting colors, white or robin's egg blue, or perhaps even orchid; and the lamps should have shades that carry out the color scheme.

We have placed the other two bookshelves in the corner of a room because corners are usually so hard to furnish; they always

Halls persist in being narrow—but it doesn’t stump us with shelves, mirrors, and style. We build our own console tables—with shelves!
Let’s talk about our KITCHENS!

ELS A MANGOLD

Within the last few years kitchens have taken a decided step forward. Now, instead of being considered a necessary evil and let go at that, they are carefully and thoughtfully planned so that they will be as practical as possible, and in addition light, airy, and a pleasure to work in. Not only are all meals prepared in the kitchen every day; but menus are worked out, food ordered and household routine is planned there, thanks to the inclusion in efficient plans of housekeepers’ desks, telephones, and radios. The kitchen has developed from a large room containing a huge coal or wood cook stove, hot water drum, and tiny sink into a smaller room, well lighted, with conveniently placed cabinets and sanitary, easy-to-clean walls, floors, and working surfaces. Of all rooms in the house, it has most surely kept step with modern speed, efficiency, and time and step saving. No longer need a woman walk a mile to prepare a meal!

When it comes to the arrangement of the kitchen, there are many theories and practices, but the one inviolable rule is that of compactness. Engineers who have made a scientific study of kitchen planning agree that there are three main centers to be considered. The first, that of food receiving and storing, involves cupboards and refrigerator; the second, that for food preparation, involves the sink; and the third, that of cooking and serving, involves the kitchen range. The refrigerator and food storage cabinets should be near the door where the food is received. The stove, where the cooking goes on and from which the food is served, should be convenient to the dining room. And the sink, where most food preparation is carried on (washing, peeling, etc. ), should be conveniently located between the stove and refrigerator, with working counters coming in a continuous working scheme.

The selection of range and refrigerator equipment depends to a degree upon location and the availability of reasonably priced electric current. This, the size of the family and the amount apportioned for this part of the house are other factors involved. There are many different models at varying prices and sizes to meet the needs of each individual household. The selection of each piece of equipment should have careful thought and should never be made in a hurry. A detailed study of the service it will give and the not only of installation but of maintenance should be seriously considered.

The capacity and location of cabinets should be planned so that food storage and work space may be adequate and convenient. The space under drain boards or working counter provides ideal storage room to be converted into base cabinets—but be sure to allow room for ease in standing at work surface. Place hanging cabinets high enough so as not to interfere with work carried on at counter underneath. The best height for counters, tables, and sinks is from thirty-four to thirty-six inches. Six square feet per person in the household has been judged adequate under cabinet storage space. A detail like a partitioned section for the many trays in use...
Washable wall covering such as is used above is a decided asset in kitchen sanitation and, with the many new patterns from which to choose, it is definitely decorative. Kitchen of Mrs. G. I. Davis, Glens Falls, N. Y. Imperial Paper. Color may be introduced by Decorettes which may be applied in strips as shown at left.

Shadow. Wiring should be done by experts and frequently checked by experts. Remember that one defective wire can be the cause of many difficulties and inconveniences. The ideal location for natural lighting is a window over the sink.

Floor coverings of linoleum are undoubtedly the very best for kitchens, but should be laid so that the floor can be thoroughly cleaned as high as the top of the baseboard. Tile is sanitary and attractive but hard on the feet.

A particularly interesting color scheme in a Short Hills, N. J., house is worked out by L. Bamberger & Co. in pale yellow, black, red, and white. Note built-in lighting over sink.
The remodeled kitchen
in the home of Mr. and Mrs. Donald Fether

Photographs by
Fred R. Dapprich

You remember, of course, last month's encouraging face-lifting story of California houses, completely transformed by that clever house surgeon Jack Moss? Also, that we spitefully withheld the Fether kitchen from you? Here it is—given enough space to show the remarkable results in full detail.

The back porch, usually nothing but an unsightly catchall was engulfed by kitchen which was moved over six feet to include this enclosed porch. Although the beginning the main thought had been the addition of a butler's pantry and powder room, the idea of a moved-over kitchen was a challenge to modernize en this very important room. The walls and ceiling were paneled in pine and painted white. In the "after" shot, the back door, built as a Dutch door, is seen changing another wall. The door, in the position of the former back door, now leads in maid's room, which also was added in the transformation.

The color scheme of the kitchen is blue and white. Back of the stove, white decorated with Dutch blue tile, was used. The old plaster canopy was replaced a scalloped copper one, with an indirect light in the top as well as a vent...
HOOKING for upholstery purposes

CHRISTINE FERRY

A chair mat of this sort is the simplest form of upholstery for the amateur to undertake.

Hooking interests us keenly at the moment because of its relation to the pine and maple furniture of the Early American farmhouse type, so vividly used in both country houses and modest city apartments. Mats of this sturdy texture add immeasurably to the comfort of the rush seated chairs characteristic of this period and provide opportunity for introduction of a note of contrasting color and a spot of decorative value to the plain honey color finish of the natural wood. They look well on the painted and stenciled Hitchcock chairs and others of type, when the designs are planned to accord with the ornament on back such as is illustrated on this page.

The texture is in itself thick, a chair mat of this sort needs no interlining and is the simplest form of upholstery for the amateur to undertake as it will stay in place without being anchored other than with tapes tied to the upright back spokes, to the legs, or both.

These small slip-seat upholsteries as done by the Hookraft workers in Nantucket, Massachusetts, reveal the artistic possibilities of this simple old craft. Only narrow strips of woolen goods, cut not more than a quarter of an inch in width, are used by these home craftsmen under the supervision of Caroline P. Saunders, who sets a very high standard for her associates to follow. Sometimes the strips are cut even narrower than this, if the back is very firm and does not fray easily.

The hook used is smaller than that employed by most workers in this field and the background material is a fine, closely woven burlap which makes it possible to draw in the loops quite closely. As a rule they average six to the inch, are not more than a quarter of an inch in height and invariably left uncut. The resulting texture is firm and the back of the foundation is almost as closely covered as is the front.

The first requisite is a good design—one suited to the piece of furniture which it is to be used and shaped in relation to the outline. This is what distinguishes the custom-made from the commercial mats, which are usually made round or square in order to be available for use on a wide variety of chairs—the square ones for seats that are nominally square, but which taper inward to the back, and the round ones for the oval seated for chairs and others that are irregular in their outlines.

Flaps for hooking need necessarily to be stretched in a frame so that material will be taut. There are many good rug frames obtainable in furniture stores, or a stout picture frame can be pressed into service for small pieces, mounting the burlap into it by sewing a strong string a folded edge and carrying it over the frame before making the stitch. Set up in this manner the work can be carried about from room to room.

Fruit designs are not common in hooking, yet nothing is more suitable for an old rocker with stenciled back or the simple rush seated chair.

Photographs by George H. Davis
Mats from Hookraft
Flower show prize winners—ALL
Welcome on the doormat
—or well-meaning but thoughtless week-end invitations

RION GUINN

Week-end invitations sent to our house are accepted somewhat skeptically. Undoubtedly this sounds ungrateful and disloyal to a friend who has thus assured us of a home on her doormat. But no. It is the result of many painful week-ends spent at the homes of well-meaning but thoughtless friends. Week-ends are the perfect place for the country lodge or summer cabin. But when in a year-round house for a visit, a guest certainly not assuming too much to expect of the comforts of home.

This day we shudder over a chilly autumn week-end spent at the home of Mrs. "A." The family retired earlier than our accustomd hour, so we sat in our room reading for an hour. When it came time for bed, we discovered underneath a lacy silk bed coverlet but one blanket—summer weight and the usual two sheets! The rest of the household was slumbering peacefully. A thorough search of the room did not reveal an extra blanket. Apparently the guest room had not been used since the summer. Finally my husband, having forgotten his bedroom slippers, stealthily fumbled and stumbled his way, in his stocking feet, through the darkened house to the garage for our auto robe which was woolly and warm.

Then and there in the bleak hours of that autumn night we made a firm resolution that when we progressed from the in-a-door bed state to a home of our own, the guest room in our house would be provided with an extra blanket in the bureau drawer and a pair of Chinese bedroom slippers of the straw variety for forgetful guests.

Similarly bitter experiences have perhaps made us hypercritical of guest rooms. But as the time draws near for the furnishing of a guest room of our own, we face the responsibility with the thought that fortified by our present knowledge of do's and don't's, our guests will leave our place looking none the worse for their stay and, we hope, they'll accept second invitations with genuine pleasure.

Working on the principle that hospitality is as hospitality does, at little expense to ourselves we can make our guests truly comfortable. My husband has attacked the problem from the male angle, while I have spent considerable time anticipating feminine needs. And together we solved the ever-present double or twin-bed problem.

We admit that usually twin beds lend themselves best to the current trend in arrangement and decoration, and it seems that they are increasing steadily in popularity. But double bed addicts suffer as much in twin beds as the twin bed sleepers suffer in the confines of a double bed. We decided to have a double bed and a studio couch with a gay chintz cover which can readily be removed to form the second bed for our more modern friends.

It was in selecting samples for the chintz cover that my husband intervened with a firm hand to restrain my feminine tastes in decoration. "Remember no man can retain his self-respect sleeping in a room bedecked with baby pink lamp shades or boudoir furniture that soils every time a person sits down on it. A

(Please turn to page 69)
THE BURTON N. GATES COLLECTION OF COLONIAL LIGHTING DEVICES TELLS THE ENTIRE STORY OF MAN'S EFFORTS AT ILLUMINATION

ONE lamp can express the atmosphere of home life. Burton N. Gates has hundreds of them to tell the story of Colonial living. He doesn't know, himself, the exact number of Colonial lamps in his collection. They are crowded, on mantels and moldings, shelves and whatnots, in a living room of the Gates home in Worcester, Massachusetts. There is no attempt to give them the background of their period. They, themselves, are capable of giving that background to the onlooker. The lamps are there because Mr. Gates, well-known antiquarian, likes lamps, among other things, and he is proud of the fact that his collection of Colonial lights has few peers to be found in this country.

The collection tells the story of illumination far back of Colonial days, because it happens that the efforts of mankind to penetrate darkness had not progressed from the inventions of the Babylonians at the time that the Mayflower brought its cargo of colonists to a new world and to a new life. The lamps which they brought with them were iron saucers to hold grease and any improvised wick. These represent the first stage of illumination to follow a mere torch. The colonists called them "Betty-lamps" or "Phoebe-lamps," or "slut-lamps." The latter term was not complimentary to Betty and Phoebe, whoever they might have been, but the lamps themselves were somewhat slatternly from any housewife's point of view, even though they were all that she had for light. They guttered feebly from tables or mantels in homely rooms, lending mystery to the shadowed corners which their light did not reach, but they were less dangerous than wood torches, the only other form of lighting known to the Pilgrims. Variations of the Betty-lamp are those which boast of gadgets designed for convenience. Some of Mr. Gates'...

ISABEL R. A. CURR

"Phoebe-lamps" have a lid hinged to the saucer so that the light might be snuffed out greater haste and safety than would be possible if it were merely blown out. Others have an iron hook attached to the base of the saucer so that it might be driven into the wall to form a wall-light if desired.

That simple type of light, together with torches, served mankind from the most primitive times until the latter part of the century, when candles came into being. It is a difficult fact to realize, when one is surveying the earliest lamp in Mr. Gates' living room, where hundreds of museum lamps are illuminating the present age. It is even more difficult to imagine that these lamps being photographed were means of a photographer's electrical fixture which sheds light to the power of between 1000 watts. Then, one glimpses at the gas jets which get to Mr. Gates' slatternly from any housewife's point of view. Here are a few knots, presumably the only means of oil lighting in the early Colonial days; and historical evidence of their use in the New World. Some of Mr. Gates'....
At left, a camphene lamp; and, below, a holder for four candles, the better to gossip over the general store's cracker barrel or pot-bellied stove of a long winter's evening.

A "punched-tin" masonic emblem lamp persistently mis-called "Paul Revere" lantern and a first model kerosene lamp.

Candlesticks were converted for camphene lamps, since they burned longer and more brightly than "sparking lamps".

This particular candlestick was used in a blacksmith shop in York state well over a century ago, when the light from the forge was insufficient to permit the blacksmith to do a late customer's shoeing job.

Another crude wooden candlestick with a hinged arm which might be adjusted to a desired height, illuminated a carpenter's shop in Pennsylvania. The most elaborate industrial lamp in the collection is a metal candlestick, its bottom weighted with sand, which has a disc containing five candle-holders around its standard. This disc is adjustable to any height, and the holder served a now long-dead tailor in Charlton, Massachusetts, who changed the height of its lights as he fitted jackets and pantaloons.

Only workshops which had need of stronger than single candle-power lights seemed to go to the trouble of devising holders for more than one candle. Mr. Gates has a tin one—it looks rather like a half of the old tin dipper that hung by the well, with an added roof and chimney. The open

[Please turn to page 66]
A garden perched on an Oregon hillside

The garden of Mr. and Mrs. W. C. Schupp in Portland, Oregon

MELVIN ARNOI

By letting their garden grow by itself over a period of years, Mr. and Mrs. W. C. Schuppel of Portland, Oregon, have solved the problem of beautifying one of the most impossible spots imaginable. The garden is narrow and tipped on one side of a steep hill overlooking the city. But topography was not the only difficulty encountered. The first spading revealed that they inadvertently had bought a rubbish dump covered with a thin layer of dirt; and a deposit of trash 1 foot deep had to be removed before planting could be started. By a series of terraces, the Portlanders have created an illusion of expansiveness and have corrected their garden's impossible proportions in a very commendable manner.

There are really several gardens in one. There is a front garden designed for the public view, flanking the road that winds up the hill. The private gardens are for the enjoyment of the family and guests and are shut off by a terrace for public gaze. Just as there is a den in the home, there is a ma
First seeing this hillside, Mr. Schuppel exclaimed: "A garden? Impossible!"

Today his garden points many a lesson for others with difficult plots.
A first-rate dumping ground
—but we wanted a garden

CHARLES P. PELHAM

Whoever prefixed Nature with the Mother idea must have considerable experience with both women and good earth" for the two respond so quickly to care and kindness, when neglected, both can "go native" faster and with more care than either man or beast. And if you doubt it, buy an old house in the country that has been allowed to "go to seed" and see what you don't know about women from Mother Nature. What is exactly what we did, and exactly why we feel the urge to deliver an oration on manicuring hill and dale and the satisfaction and pleasurable rewards thereof.

The house, as readers of previous chapters of our remodeling story know, demanded immediate interior attention and also, all available wherewithal; with the result that our dreams of lovely gardens, rolling lawns, and beautiful trees are on the to-be-done list.

What we have to report, therefore, is a simple record of what landscape miracles can be performed with a hoe, rake, axe, pick, shovel, and plenty of "elbow grease."

The photographic evidence of what we were up against in the form of dilapidated out-buildings, dead-limbed locusts, a witness of Poison Ivy, man-eating Blackberry bushes, Connecticut rocks, and prehistoric rubbish piles is so convincing that we only refer you to the accompanying as-we-found-it photographs.

If our experience is a good guide the only way to bring out of chaos in your back yard, "little place in the suburban country estate, or what have you is to resign from your

{Please turn to page 39}
A beach house built around a fireplace

the summer home of Mr. and Mrs. Lester Timmins
at Malibu Encinal, Calif.

W. P. Woodcock

WHEN planning a beach home or a mountain cabin, solve the heating problem by building around a fireplace! To make this plan truly successful, slope the ground above the fireplace and place the bedrooms on a mezzanine half-story directly above. Put shutter doors on the bedrooms. This allows the heat to penetrate the rooms, as well as adding a decorative note. Even though the wintery winds blow, you'll be "snug as a bug in a rug."

Fortunately enough, this plan was successfully followed by Mr. and Mrs. Lester Timmins of Los Angeles and New York in their California beach house at Malibu Encinal, some thirty miles from their Westwood Hills home in Los Angeles. They built a unique, charming, and comfortable six-room house, one story high except for the bedroom loft tucked snugly under the peak of the living room ceiling. An open railed balcony, reached by white-railed, open, redwood plank stairs at side of the living room, gives an informal, leisurely, and cozy feeling to the room. The balcony is hung with bright pots of trailing ivy.

The owner's ideas were well carried out by Monte Healey, designer of Bing Crosby's home and by Brian's home near Los Angeles. The house is built low and low and fits naturally into the land-

Solid green wooden shutters, pale lemon window frames, and white shake walls connect with the colors of the natural setting. The

A R I C A N H O M E P O R T F O L I O 8
The mammoth, cobble-stoned fireplace around which the house was built. Above, the alcove dinette opening off living room

In bright blue and white nautical tones, the girl's room overlooks the Pacific's blue expanse and forms one of the two mezzanine bedrooms.
A children's party is one of the easiest ways of teaching children social poise and grace—two assets of inestimable value in later life. The skillful handling of visitors is an art that must be acquired through repeated experiences that should begin in childhood before self-consciousness has set in. Above, a reproduction of table setting used by Mr. and Mrs. Lawrence Tibbett when they gave a party for their two children.

With children of four or even those a little younger who have reached the imaginative age, a purely fictitious tea party will afford the first lessons in deportment as host or hostess. Ann Marie entertaining full of life on a rainy afternoon should be encouraged to bring out her toy dishes and play at serving tea, learning to hand Billie his teacup before serving herself, to inquire as to his wants with regard to cream or lemon, sugar, and cookies. If young Bill is the host for Ann Marie he should be taught to pull her chair out for her and to ask courteously if she will be kind enough to pour.

After a few practice parties with imaginary food, real cocoa or milk with cookies or crackers can be supplied so that Ann Marie may develop skill in filling the cups and serving her guest gracefully.

Mother, however, must remember that the food for such impromptu tea parties should be both simple and limited, so as not to take away the children's appetite for supper.

With such a small child, if you again feel that his birthday must be celebrated in some way, simply invite the few children with whom he plays daily and serve an unexpected feast of plain vanilla ice cream and cookies, sponge or angel food cake along with his regular midday meal.

But when a young son or daughter has reached the mature age of five or six and is mingling with other children in school or kindergarten, a party every now and then should be an expected event. And remember, they should not be elaborate affairs which mean a lot of work for a busy mother, but simple, friendly little parties which the children can help to manage. In planning the party, continue the lessons in etiquette. Start by making a list of the guests to be invited. Go over the list with the child giving the party. Where there are several children in a family it is usually wise to allow each child to give his own party. Birthdays make this selection of the favored one a natural and readily accepted fact. Include in the list any special friends the birthday child wishes invited. Explain the unkindness of leaving out a small but unpopular neighbor. And don't invite too many. A small party of children of the same age group and including very few who are strange to each other is the easiest to give and the most successful.

Allow the child to issue the invitations himself—by telephone, in person or, if he is able to write, in the shape of an informal, simply worded note such as:

Dear Mary,
I am having a party on Wednesday afternoon, April 18th at 3 o'clock and hope you will come to it.

Sincerely,
Robert

Once the acceptances are in, food for the party can be planned and ordered. Here again

[Please turn to page 63]
Iris Rot: LIME FALLACY: Land Plaster

A Rose fan trellis or lattice gatepost or some other plant support may also fully conceal a floodlight.

Below: An adaptation of the motif of the Japanese lantern properly modernized to take the fullest advantage of up-to-date floodlight equipment.

The garden is now at its floriferous best and it is a good time to lounge around on the sun porch, contemplate triumphantly and perhaps a little vainly on the gift of the garden’s bloom. The Roses, Delphiniums, Iris, and the herbaceous border are almost in their very peak of perfection. But the inclination to sit back and take Nature’s bounty in satisfied complacency is, after all, not the true course for the real gardener. He must be up and doing—no rest, whether he be wicked or good! Reduced to its simplest, the problem of early summer is to fight down the robber band—those insidious weeds that luxuriate so easily and rob the soil of its moisture. Hoed out now, the heated ground and summer sun will do the rest. It is easier to fight the weeds now than in any other time. Duty No. 2: pick the fading flowers. Don’t let seed form, because that draws on the food reserves and particularly with the annuals. True annuals die with the forming of seed. That is a word to the wise.

If a plant thirsts and the grateful rains of Heaven do not fall, the call for water is insistent. It is water, or hoe. Hoing keeps a mulch on the ground which breaks the ascending column of moisture. After two weeks of dry weather, almost any garden needs water, and on sandy soils, perhaps a week is the limit of drought resistance. If there is fading of the leaves in the latter part of the day, look to the water supply. Overhead sprinkling is pretty but it doesn’t really go far enough—not unless you keep the sprinkler going until the ground is soaked several inches deep. It’s more practical to let the water flood directly over the ground, but don’t let the water run from the hose forcefully enough to wash the soil or fast enough to run off. The amount of water actually needed to soak the soil properly has been estimated as a quantity sufficient to cover the entire surface one inch deep—and that sounds like a lot. But, early summer soaking is a great factor in August well-being.

This matter of watering has another angle. The insidious red spider that figures plants in so many suburban gardens is best attacked by plain ambient moisture. And, here, is where surface spraying or overhead sprinkling will do good. The tall Perennial Phlox, soon to come into bloom, the foliage of many Climbing Roses, especially where trained near a house or on a hot, dry corner; some of the dense-leaved Evergreens, especially Spruces, that take on a rusty, dusty kind of appearance in mid-summer, are usual hosts to this devastating little member that watering is the great ren.
Iris not used — the lime fallacy

It is said to have advocated the use of lime for Bearded Irises, that it promotes their health, and should be freely in the preparation of the soil for Bearded Irises. It lime is good for Bearded Irises, as it certainly is, but it is not used — the lime fallacy. It may or may not be true. The statement is likely to lead to trouble. Dr. F. W. Cassebeer, who is both a friend of the doctor, an Iris fancier, offers some

Iris plants. This was all perfectly cor-

Mr. Bliss, famous English Iris grower, had periodic devastations of the root. Then a few seasons ago I read a paragraph by someone who questioned the value of lime for Irises and who hit it brought on root rot. Believing he might be right I omitted all lime and used lime freely on my Irises and had periodic devastations of the root. That many others can tell stories is attested by the warn-

those who started too energetically. Better by far to have a moderate garden well tended with individual character than to have a large lot of units spread loosely over a great deal of space. To quote further: "Now that thirty years of gardening have made me a reasonably seasoned gardener I know what I would do if I were starting fresh. No matter how great the surrounding expanse, I would have a small garden. It would be formal in that it would be definitely enclosed and follow a rigidly ordered plan. In it would be few varieties of flowers, each the very best variety of its kind. These would be chosen through careful study of color, texture, form and adaptability to local conditions. My own taste would be my guide for color, form, and texture; all the information I could gather from local experts my guide to adaptability. I would make no effort for continuous bloom but create a fine green background for a succession of blooms."

We have a very sympathetic feeling to all that Mrs. Brewster has so succinctly stated and suggest particularly that if you are blessed with only a very small garden to restrain your energies and have a little; but that little, good.

Ever notice that the good gardener seems to be little bothered with disease and insects; while the careless, indifferent gardener's plants seem to harbor all the ills that can be gathered? It is so, and largely because disease, whether by insect invasion or fungus infection is, to a large degree, Nature's method for the removal of the unfit. Nature loves luxurious, vigorous growth; and for the poorly handled, starved, dwarfed, stunted specimen, she has no use whatever. So, the scavenger is sent. The first step we urged upon you in an earlier issue was good soil preparation — digging deeply, adding food. The second step is getting good plants properly started in their babyhood — not starved, stunted seedlings — and then give them plenty of room in which to grow.

I wish I had a small garden" very feelingly writes Mrs. Walter Brewster of Illinois, a leading garden club member, who has given a helping hand to many who would walk the floral path. I am sure she will have many to agree among those who started too energetically. Better by far to have a moderate garden well tended with individual character than to have a large lot of units spread loosely over a great deal of space. To quote further: "Now that thirty years of gardening have made me a reasonably seasoned gardener I know what I would do if I were starting fresh. No matter how great the surrounding expanse, I would have a small garden. It would be formal in that it would be definitely enclosed and follow a rigidly ordered plan. In it would be few varieties of flowers, each the very best variety of its kind. These would be chosen through careful study of color, texture, form and adaptability to local conditions. My own taste would be my guide for color, form, and texture; all the information I could gather from local experts my guide to adaptability. I would make no effort for continuous bloom but create a fine green background for a succession of blooms."

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There is always room for another flower holder, apparently, and here is a modern gadget, quite modernistic in design, too. Made of Bakelite in opaline semi-transparent white suction cup of pure para gum rubber which will not get hard. From The Specialty Guild, Inc.

Such as agricultural lime, quick lime, slaked lime, etc. And ever since then it has been erroneously handed down from one magazine and garden handbook to another — more often bringing grief than joy to those who would grow good Bearded Irises.
Organic solutions to make the most of your home's beauty and comfort.

**Patch-Ring Plaster** is a good break and crack "patcher-upper" for plastered walls and ceilings, also for filling joints in wallboard, pointing and patching stucco and brick surfaces, and smoothing out uneven surfaces in walls. Because it does not require a large amount of water to give a suitable working mixture, it has very little, if any, shrinkage as it dries. It adheres firmly to broken edges and is hard and durable. Because it sets slowly, it is easy to work with; however, it dries in a sufficiently short time to permit painting or papering over it without undue delay when necessary.

**Pointing** is a simple enough job to raise the brackets. For fifteen cents each or two for a quarter, these gadgets prolong the lives of your shades. They come in many different color combinations. It is guaranteed foolproof, it sets up an intermittent howl that unmistakably shrieks "F-l-R-h" whenever the temperature starts to rise fifteen or twenty degrees a minute. There are exten­sions which can be wired to bedrooms, so that sleeping householders will hear them, even if, by any chance, the temperature should rise through the coils, while hydro-electric power sup­plies the heat which circ­ulates through the coals, while in the other it is the kero­sene burner that does the job. The sole operating expense is the cost of the kerosene—but three or four cents a day.

How many times have you opened every door and window in the house, to get that unpleasant odor of cooked cauliflower or onions out of the house before the guests arrive? No longer do you need to worry—just use Patapar in which to cook your "odoriferous" vegetables as well as all other vegetables. You can also bake fish and roast fowl in it. It is a parchment paper in which you tie your vegetables or meats and fish before putting them in the saucepan or roaster. It seals in food flavors and odors and keeps food values from being dissolved out into the water in which they are cooked. Two or three vegetables can be cooked in the same saucepan and on one burner.

Royaledge paper shelving is a gay and attractive addition to any cupboard shelf—whether it be kitchen cupboard, linen closet, or what have you. It is made of strong paper and has a double edge to prevent rolling. Will not tear, is dust and grease resistant, and can easily be freshened up by rubbing over with a damp cloth. There are several patterns to choose from and each pattern comes in many different color combinations. It is most inexpensive and can be procured at stationery and department stores.

**Fire alarm signal** is an idea for summer. Do you know that Royalex cigarette paper shelving is a gay and attractive fireproofed surface? There’s a man­stone with the appearance of marble or the highly polished finish of marble or the coarse look of stucco, it’s a good idea for sunporch, kitchen or bathroom, being fire­resisting. One gallon costs but will cover from fifty to ninety square.

Here are some little gadgets that will save you lots of trouble. Push to keep your lamp, radio, and telephone wires off the floor. Just push in between baseboard and wall. Will not mar the walls. They are easy to move and tools being needed are easily adjusted, too. They are also anti-wad rattlers. For that rattling window that di­rects the heat-sleep and peace of mind, just insert a clip between window and window sash and nerve-racking rattling stops immediately. Your purchase in china, hardware, and electrical or those same departments of any department store.

The joys of living at the seashore or in the mountains are enhanced by transplanting city comforts there. First of these is—hot water. But you don’t need very much, what with cold meals and daily dips in ocean or lake. Why not heat your water as you use it? There’s an electric heater that sets right on the water faucet and gives you hot water instantaneously. You attach it, turn on the water, and plug it into an outlet not more than eight feet from the water faucet, since the rubber cable that comes with it is eight feet long. You control the temperature by the size of the stream—the smaller, the hotter. Of this, this gadget heater costs only $1.50, and you can get new heating elements for it for another twenty-five cents. It won’t work on automatic shutoffs, but anywhere else it’s a godsend. Just be careful not to connect it with wet hands, same as any other electrical appliance.

**Stone floors** for that enclosed porch are idea for summer. Do you know that you can paint with liquid, imitation stone any fireproofed surface? There’s a man­stone that looks like an attractive wall fixture. Inobtrusive, inexpensive, nerve-racking rattling stops immediately. For that rattling window that drives you crazy, just insert a clip between window and window sash and nerve-racking rattling stops immediately. Your purchase in china, hardware, and electrical or those same departments of any department store.

**Stainless steel** kitchen utensils are practically indestructible. They are used in hospitals, receive constant tests and sturdiness tests for wearing quality. Made of heavy triple coated enamel and have inner linings that are "any necessary." Here are some little gadgets that will save you lots of trouble. Push fire alarm signal is an idea for summer. Do you know that Royalex cigarette paper shelving is a gay and attractive fireproofed surface? There’s a man­stone with the appearance of marble or the highly polished finish of marble or the coarse look of stucco, it’s a good idea for sunporch, kitchen or bathroom, being fire­resisting. One gallon costs but will cover from fifty to ninety square.

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A salad a day

Salad is synonymous with summer. On those languid, devitalizing days when even the thought of a heavy meal makes one feel hot, a crisp salad fills the bill as nothing else can, both from a nutritional as well as a psychological standpoint.—FLORENCE E. FIELD
**chef salad in tomato cheese ring**

Disolve gelatin in hot tomato juice. Mix the cream cheese with mayonnaise and add to cooled tomato gelatin. Mix well and place in well oiled ring mold. Chill in refrigerator until firm. When ready to serve, unmold and fill center of ring with following Chefs Salad.

**Chef Salad**

- 1/2 small head lettuce, broken in pieces
- 1/2 bunch watercress
- 1/4 cucumber, sliced thin
- 10 radishes, sliced thin
- 1/4 cupful diced celery
- 2 chopped hard cooked eggs

Rub salad bowl with garlic. Put all ingredients into bowl. Pour over just enough French dressing to coat salad greens. toss lightly with wooden fork and spoon until well mixed.

Tested by THE AMERICAN HOME

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**macedoine of fresh vegetables**

Rub salad bowl with garlic. Put all ingredients in bowl. Pour over enough French dressing to moisten ingredients thoroughly. Toss lightly with wooden fork and spoon. Garnish with watercress and serve well chilled.

- 1 cupful cooked green peas
- 1 cupful cooked fresh lima beans
- 1 cupful shredded raw carrots
- 1 cucumber, sliced
- 1 cupful shredded raw cabbage
- 2 tomatoes, quartered
- 1 small head lettuce, cut in eighths
- Small bunch watercress
- French dressing
- Garlic

Tested by THE AMERICAN HOME

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**chicken mousse**

Soak gelatin in cold water for 15 minutes. Beat egg yolks and add chicken broth. Cook yolks and broth in top of double boiler until mixture coats the spoon. Add gelatin and salt and cool. When cool, add chicken, almonds, pimiento, pickles, and cream. Pour into well-oiled mold and chill. Unmold on bed of lettuce and garnish with sliced tomatoes, sliced egg, watercress and radishes. Serve with mayonnaise which has been mixed with half as much whipped cream.

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**frozen pineapple salad**

Drain fruit, cut peaches into small pieces, and pit cherries. Mix all fruit together. Add mayonnaise which has been mixed with whipped cream. Put in tray of mechanical refrigerator to freeze or pack in ice and salt for 4 hours. Serve on bed of lettuce with mayonnaise which has been mixed with half as much whipped cream as a garnish.

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**stuffed artichoke salad**

Cut off stem of artichoke. Boil for 1 hour in salted water to which 1 tablespoonful vinegar has been added. When cooked, remove from water, drain, remove choke* and chill. Fill with shrimp and celery which have been mixed with mayonnaise. Place on bed of crisp lettuce and serve.

*The "choke" is the thorny section in the center of the artichoke.

(for 1 salad)

- 1 teaspoonfulartichoke
- 1/2 cupful shrimp
- 1/4 cupful mayonnaise
- 1/4 cupful diced celery

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**fresh pear Lorenzo**

Fill cored cavities of pears with raspberry jam. Invert on lettuce using one half for each individual salad. Coat pear with cream cheese and cover with halved seedless grapes, placed closely together. Serve with French Dressing.

(for 4 salads)

- 2 fresh pears, peeled, cored and halved lengthwise
- 1 head lettuce
- 4 teaspoonfuls raspberry jam
- 1 package cream cheese
- 1/2 pound seedless green grapes, peeled and halved lengthwise
- French dressing

Tested by THE AMERICAN HOME

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*A salad a day*

Fruits, vegetables, and food, and carefully selected combinations of these all lend themselves to the making of appetizing salads for daily consumption as the main course, or for the side dish with meat or in place of dessert—FLORENCE E. FIELD

Photograph printed on back of each recipe.
Swedish sweet breads and fancy rolls

Since half the fun of going to Sweden lies in telling, when you get back, about the food specialties of the country, you will find it amusing to entertain the curious with some stories of the many delightful Scandinavian sweet breads. And even if you have not visited the Vikings' land, you will get much pleasure in experimenting with these uniquely flavored doughs.—DOROTHY GLADYS SPICER

Recipe printed on back of each photograph

- cinnamon squares
- Svensk kaffebrod (Swedish coffee bread)
- Swedish limpa
- Swedish tea rings
- almond horns
**Swedish tea rings**

**S**care milk and cool to lukewarm.

Dissolve yeast in ½ cupful of the cooled milk.
Add ½ cupful flour beating it well; cover mixture and allow to rise for 1 hour.
Then add remaining 2 cupfuls milk and 4½ cupfuls flour. Stir thoroughly, cover and let rise for 1 hour.
Then add the first ½ cupful melted butter, well beaten egg, the ½ cupful sugar, salt, flavoring, and 1½ cupful flour.
Flour a pastry cloth with the ½ cupful flour that is left, turn out dough, knead until all flour on cloth is kneaded into dough.
Divide the dough into 3 parts, as this amount will make 3 &¾, and portion into a long roll.
Place on unfloored pastry board and roll out as thin as possible. Do not be troubled if mixture sticks to board as it can easily be lifted with spatula.
Spread dough with the second ½ cupful melted butter, sprinkle with the ½ cupful sugar mixed with the cardamom or cinnamon, and chopped almonds. Roll up lengthwise like jelly roll and join into a ring.
Set on a well-buttered pan, cut into sections with scissors, pat into shape and allow to rise for ½ hour. Bake for 30 minutes in a moderate (350° F.) oven.

**Swedish limpe**

**B**oil together water, sugar, caraway seeds, lard and orange peel (or anise seed) for 3 minutes. Let mixture become lukewarm.
Add yeast. Stir thoroughly, gradually adding sufficient white flour to make a soft dough. Place dough in a warm place and let rise for 1½ hours.
Then add salt and enough rye flour to make a stiff dough. Let rise again for 2 hours. Shape into loaves, put into greased loaf tin and let rise again for half an hour. Bake in a moderate (350° F.) oven for an hour.

**Svensk kaffebrod**  
**(Swedish coffee bread)**

**P**lace flour in large mixing bowl.
Gradually add milk which has been heated to lukewarm, egg yolk, well beaten, yeast which has been dissolved in ¼ cupful of the milk, shortening, sugar, cinnamon, nutmeg, and cardamom. Mix carefully to keep dough from lumping and work until none of the batter sticks to the hands.
Cover and put aside in warm place, and let rise for 6½ hours.

Grease pans with lard. Cut pieces of dough and roll out, sprinkle with fruit and roll up in twists, knots, rolls, etc. Set aside to rise again for 1 hour. Bake in a very hot (425° F.) oven until brown (about 15 minutes). If desired, brush with beaten egg and sprinkle with sugar and cinnamon.

**Cinnamon squares**

2 cupfuls water
½ cupful brown sugar
1 heaping teaspoonful caraway seed
1 level tablespoonful cardamom
½ cupful chopped orange peel, or scant teaspoonful anise seed
¾ yeast cake
White flour as needed (approximately 3½ cupfuls)
1 teaspoonful salt
Rye flour as needed (approximately 2 cupfuls)

Tested by The AMERICAN HOME

**Mandelhorns**  
**(almond horns)**

**M**ix together the almonds and sugar. Beat egg whites until stiff and fold into almond and sugar mixture. Add vanilla. Form into small crescent shaped pieces on a well-buttered cookie sheet, sprinkle with chopped almonds and bake in a moderate (350° F.) oven until delicately brown—about 20 minutes.

**Hot cross buns**

**P**lace flour in large mixing bowl.
Gradually add milk which has been heated to lukewarm, egg yolk, well beaten, yeast which has been dissolved in ¼ cupful of the milk, shortening, sugar, cinnamon, nutmeg, and cardamom. Mix carefully to keep dough from lumping and work until none of the batter sticks to the hands.
Cover and put aside in a warm place and let rise for 6½ hours.

Cut dough in small pieces about half as large as an egg. Roll into small balls. Place 2 balls close together in a well-greased pan and let rise for 1 hour. When dough has risen, cut a cross on each piece. Bake in a hot (425° F.) oven for about 15 minutes or until brown. Brush over with cream and egg (1 egg to 2 teaspoonfuls cream) well beaten; sprinkle with sugar and cinnamon. Serve hot or cold.
SUNDAYS at seven—at nine—or eleven—whenever the crowd decides to eat—bring in the ample, wooden bowl heaped high with greens. For the ritual of the salad bowl is the cynosure of supper tables.

There was a time—in the days of powdered wigs and flaring sconces—when the honor of mixing the salad was reserved for the youngest and loveliest lady in the party. A custom, it would seem, that must have called for delicate diplomacy.

Nowadays the saladeer is quite as apt to be a man as a woman. And the way of man with a salad surpasses understanding, for each guards jealously his private contribution to the gentle art.

There is one point, however, upon which all salad artists agree. It is this: The success of a salad depends upon the excellence, purity and flavor of the ingredients. Which means that for salads, only pure, imported olive oil and mellow, winy vinegar will do!

That's why knowing saladeers insist upon the products of the famous House of Heinz, maker of the 57 Varieties.

One of my friends—a painter and noted gourmet—once said to me that Heinz olive oil is the body of his salads, but Heinz vintage cider vinegar—wine of apples—is the soul. This spirited cider vinegar, he said, gives lift to a salad that no ordinary vinegar can impart.

Heinz vinegar is made like fine wine and aged in the wood. So we ask that you appraise it as you would wine—by its sparkling color, its rich bouquet, its mellow smoothness.

But why not judge for yourself? Do insist upon Heinz.

By Josephine Gibson

AMERICAN HOME, JULY, 1936
SHE COULDN'T BELIEVE HER EYES!

...11 GLASSES OF JELLY INSTEAD OF 7 FROM ONLY 4 CUPS OF JUICE!

But Betty! How could 4 cups of juice make 11 glasses of jelly? Because I used CERTO! For, with this modern method you average half again more glasses...if instead of 7!

But now! With this CERTO recipe you boil only 1½ minutes so none of the juice has a chance to boil away...all it does by the "long-boil" method!

And that 1½ minute boil saves time too...the whole job took me less than 15 minutes after my juice was prepared!

How wonderful! I sometimes spend hours making jam or jelly!

You don't need to worry about failures either, with CERTO. All fruits jell perfectly!

The flavor is much better, too, more like the fresh ripe fruit from now on. I'm going to use CERTO!

5 REASONS FOR MAKING ALL JAMS AND JELLIES WITH CERTO!

1. CERTO IS PURE FRUIT PECTIN. It makes jellies jell perfectly with only 1½ minute boil. Gives jams perfect texture, too!
2. SAVES TIME...You can finish a whole batch of jam or jelly in less than 15 minutes after your fruit or juice is prepared.
3. SAVES MONEY...Because of that short boil, none of the juice boils away and you average half again more jelly!
4. YOU GET FINER FLAVOR, TOO—more like the fresh, ripe fruit. Short boiling saves flavor as well as juice. And there is no "boiled-down" taste!
5. BIG PRICE REDUCTION...Your grocer will tell you about CERTO's new low price that makes jam and jelly making more economical than ever! (CERTO is a product of General Foods.)

TESTED RECIPES UNDER THE LABEL OF EVERY BOTTLE

50 ASSORTED LABELS FOR JELLY GLASSES

WON'T YOU LIKE THE ATTRACTIONAL BOOK OF JELLY GLASS LABELS SHOWN AT THE LEFT? JUST MAIL THIS COUPON, ALONG WITH THE LABEL FROM ONE BOTTLE OF CERTO AND A 3¢ STAMP, TO GENERAL FOODS, BATTLE CREEK, MICHIGAN

SPECIAL OFFER!

A recently remodeled kitchen is equipped with a double bowl cabinet sink of Monel Metal top, also supplied for the cabinets and the Hotpoint Re

Let's talk about our kitchens!

In the old days kitchens were hot and stuffy, and in spite of the time-worn idea that all cooks were fat, we often wonder how these storybook proportions were attained, much less kept (despite frequent tasting and testing) in the dreadful heat of those oven-like kitchens. Now, with well-insulated stoves and proper ventilation, modern kitchens may be just as cool as other rooms of the house. Proper ventilation is no longer a puzzle or an unattainable luxury. Ventilating fans are procurable in great variety and price ranges. They require no elaborate installation and usually are reversible so that stale, odor-laden air from the kitchen may be exhausted, or reversed, clean fresh air may be drawn into the room.

Once the mechanics of a kitchen are worked out, it is time to turn to the decorative scheme. Color become an important feature in kitchen designing. The woman loves color and when not in her workshop, should let her flair for bright, gay display itself? We belong to the school that prefers the equipment—range, refrigerator, and sink—in white, since it is that these will be fairly permanent. But everywhere else color welcome: walls, floors, window trim, utensils, shelving, towels, condiment and spice—many of them can be painted white, or reversed, the latter come in fine colors. In some of the photographs show illustrate graphically how successfully this can be done...
"I do it the easy way
...with Bon Ami
and polish as I clean"

You, too, will find Bon Ami the easy way to a glisten-
ing, high polish. Bon Ami not only cleans your kitchen
sink quickly . . . but keeps it easy to clean and smooth.
For unlike coarse cleansers, Bon Ami leaves no
scratches to dull the surface and collect dirt and stains.
You'll find, too, that this "polishing cleanser" is kind
to your hands. That's another reason why so many
women use Bon Ami for all their household cleaning.
There's magic in mirrors. There's gayety in glass. And there's color, cheerfulness and cleanliness in paint. Between them, paint and glass can dress up your home so you'd hardly recognize it... and inexpensively, too!

"Designs for Living"...a beautifully illustrated book prepared by our Studio of Creative Design...tells how. It's just overflowing with helpful ideas and suggestions. How you can do over an entire room in one day by the use of Pittsburgh One-Day Painting Products. How mirrors may be used to make small rooms seem more spacious, dark rooms glow with light. How glass book-shelves, table tops, shower enclosures or bathroom walls add the modern accent to your home. And a wealth of other fascinating information. So whether you own, rent or plan to build a house... don't fail to send the coupon below for a copy of "Designs for Living." It's absolutely free.

Illustrated above is a room which offers a high degree of neatness and liability. It has painted walls to please the eye, gaily matted and glazed to lend greater ambiance and livability. The walls are done in Sunstone Wallhide Paint. The fireplace shelf is painted with glinting White Wallhide, and topped with Tapestry Glass for indirect lighting effects. Note the heavy plate glass shelf, the plate glass circular table, the Carrara Structural Glass table top and the lovely mirror above the fireplace.

Send for your free copy of "Designs for Living"
the deep recessed windows, is faced with blue and white Dutch tile, and the white ruffled curtains have a blue and red design. The spoon rack above the sink is a copy of an old one. Copper hardware is used. By comparing the second "after" shot of the Fether kitchen with the second "before" shot, you will see the wall space is given over to new cupboards with the addition of a small window, and in place of the former cupboard there has been used a maple work table with a scalloped copper top. This and the wall shelf above, which was added to display the fine collection of old blue and white china and pewter spoons, is a decorative note unusual in a kitchen, and yet, one which has been entirely practical. The butler's pantry, opening into both kitchen and dining room, is not large, and need not be. By clever handling of drawers and cupboards, the pantry takes care of all needs with a wide serving shelf running the width of the room under the windows.

—Martha B. Darbyshire
The midnight hour the princess uttered a pitiful cry of despair and perished on the hilltop, a self-given sacrifice for her people. Suddenly, with a wild crackle of thunder and a blinding flash of lightning, the rain swept over the land. Its crystal drops made a silver screen, blotting out the drought of the hills and plains. All night long the sweet rain fell. When dawn came the thirsty land was quenched of its year-long drought, and a faint green showed through the arid prairies.

The rejoicing people poured out into the valley and mounted the hill top to give thanks to their princess. As they went up the trail they found the hillside a vast flame of small blue flowers shaped like a diminutive bonnet—like the soft blue bonnet the Indian Princess had worn. They covered the sacred hill under a kindly sun with a breath-taking loveliness, and the people looked in awe at their glory.

At the summit they found her, a symbolic cross of sacrifice, on a far flung mantle of blue. The chieftain's hard heart broke when he beheld her, and he repented his sins and turned again to the ancient ways. He ordered a vast cross set on the hilltop as a shrine to her who lay buried there.

The sacred cross still stands on the hilltop near a little town called Roma. The Bluebonnets, a wild flower that grows native in Texas, still sweeps across the hills and valleys in spring. Today it is the official flower of a state that was once a republic.

The Bluebonnet legend lives still in the land that was first discovered and explored by Conquistadore and Cavalier four centuries ago. The botanical name for it is Lupinus texensis, but to Texans the world over it is Bluebonnet, and will always be.

There are, according to the latest statistical reports, over three hundred varieties of wild flowers in Texas, the greatest wealth of flora of any state in the Union. The vastness of the state, and the altitudes which range from 9,500 feet on Guadalupe Peak to the sea levels of the gulf coast, provide life zones for wild flowers which vary from the winterless tropics on the border to the snow-swept reaches of the Texas Panhandle. The rainfall, too, is equally erratic. The scale runs from less than ten inches per annum in the far west to fifty inches along the Brazos river.

Salt flats along the gulf shore provide settings for saline vegetation. Palmetto, Sabal texanum, Magnolia, Wild-honeysuckle and .

I f you are building or remodeling, put in a Delco-Heat CONDITIONAIR; a truly modern heating plant. It delivers evenly to every corner of the house fresh, filtered, warmed and humidified air. And this air is completely changed every 10 to 15 minutes.

And if you wish, the Delco-Heat CONDITIONAIR can be equipped for summer air conditioning. Then the heating and humidifying is replaced by cooling and dehumidifying, and the air is cleaned, circulated and changed as in winter. This summer use can be arranged at the time of installation, or at any time in the future.

Delco-Heat CONDITIONAIR is designed and built by General Motors. It uses the cheapest grade of domestic fuel oil. The fuel economies of chill burner cover the cost of circulating, humidifying, cleaning and changing the air.

Delco-Heat CONDITIONAIR costs little, if any, more than ordinary automatic heat, but it provides vastly superior results. Prices included in financing your new home. For your present home, G. M. A. C. 6% plan is available.

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DAYTON, OHIO
AUTOMATIC HEATING - AIR CONDITIONING PRODUCTS OF GENERAL MOTORS

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I want to know more about Delco-Heat CONDITIONAIR, send illustrated literature.

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The Electro Lux, which is operated by a 12 volt motor, has three "drawers" for vegetable storage.
Now **Kodachrome** adds gorgeous full color to your Ciné-Kodak Eight movies

So many Ciné-Kodak Eight owners have been asking for it. So many have wanted it. And here it is.

Eastman's new color film, Kodachrome, is now available for Ciné-Kodaks Eight as well as for 16 mm. cameras. For only $34.50—that is all Ciné-Kodak Eight costs—you are equipped for movies in full riotous color.

There has never been a color film like Kodachrome. With it your home movies are so clear, so beautiful, that, as one movie maker said, "It is like looking out of a window at real life." No lines, no fringes, no screen pattern, just pure, unflickering, lifelike color.

**AS SIMPLE AS BLACK-AND-WHITE** ... And these color movies are as simple to take as black-and-white. You can use Kodachrome with any Ciné-Kodak Eight, regardless of the speed of the lens. You can show it with any 8 mm. projector with the full-size brilliance of black-and-white home movies.

**SEE YOUR CINÉ-KODAK DEALER** ... He has Kodachrome movies to show you. Kodachrome for Ciné-Kodak Eight, 25-foot roll (equal in projection time to 100 feet of 16 mm.), finished, for the present at Rochester only, ready to show, $3.75 ... Eastman Kodak Co., Rochester, N. Y.
Johns-Manville Steeltex
Lath prevents plaster from falling and reduces maintenance to a minimum.

If you are thinking of building a new home, it should mean money in your pocket to send for the book shown below.

Among other things, it pictures and describes in detail a new type of steel plaster lath, Johns-Manville STEELTEX. As a plaster base it is far superior to the old type of lath, because it reduces plaster cracking to an absolute minimum. And it adds permanence, strength and fire resistance to your walls.

Don't wait—investigate today this new way to protect yourself against unsightly lath marks and future repair bills for cracked walls and ceilings.

The “Sunnyside” cabinet sink is of enameled cast iron, 60" long, 36" from floor to rim, with a basin 22x18x8. It has double drainboards, two shallow drawers for kitchen tools, and a liberal supply of cupboards for cooking utensils, buckets, cleaning preparations, and the like. A Crane fixture. Below, a Japanese kitchen base that will fit a small space. It is shown on a Congoleum rug.

One of the available kitchen wall treatments is Johns-Manville asbestos flashtext, in tile design which is fabricated of asbestos fibers and Portland cement. Above, a simple ceiling lunette fixture which is workable and attractive. For the side wall there is an interesting ceramwithin shape; both from Lightolier. Another kitchen ceiling fixture is equipped with a pendant switch.

The Croley Deluxe Shelvador has a "sturddrawer" for vegetables, vegetable opener, has capacity for 168 ice cubes, and the shelvador attached to the door.

A cabinet sink with enameled cast iron top has about 28 cubic feet of storage underneath for cookery, utensils, etc. Right, another cabinet sink has a three-inch ledge across the back for tumblers, soap, etc. The cabinet is all metal with drawers and cupboards, and drainboards. Both from Kohler.

FREE
Johns-Manville Book on Home Construction


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THE AMERICAN HOME, JULY,
Here are hundreds of the latest ideas to make your home lovely, comfortable—inexpensively!

**REMODELING your home? This FREE BOOK will help you!**

CHECKED WITH IDEAS and pictures (many color) to help you visualize what you do to “fix up” your home, this book right will help you make it modern.

**Thinking of BUILDING? Then you’ll want this FREE BOOK!**

IT WILL HELP you to get the best home for your money. Discusses financing; construction; materials; architect; builder.

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GLISTENING IVORY J-M Asbestos Wainscoting makes this bathroom (above) cheerful, sparkling, sanitary... AND J-M CEDARGRAIN ASBESTOS SIDING SHINGLES make a beautiful exterior (left). They have the texture and grain of finest weathered wood, are fireproof, rotproof and will never require painting to protect them.

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**101 BOOK,” above, picture and explains how, with Johns-Manville Building Materials, you can turn the waste space of your home into an attractive recreation room or put on a roof of asbestos shingles that will never need repair; heat your home against hot and weather; and dozens of other ways to make your home more comfortable and livable.

HE “101 BOOK,” above, pictures and explains how, with Johns-Manville Building Materials, can turn the waste space of your home into an attractive recreation room; put on a roof of asbestos shingles that will never need repair; heat your home against hot and weather; and dozens of other ways to make your home more comfortable and livable.

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The “40 Points Book” explains you many things you need to know if you are thinking of building a new home. Tells how to go about the financing; pictures types of homes; gives construction data; discusses materials; outlines the services of architect and builder; and many other important subjects.

Most important, it explains how the quality home of 1936 is “TRIPLE INSULATED” or protected against fire, weather, wear, by using the latest materials developed by J-M scientists. And these books tell how to finance the work under the favorable terms of the National Housing Act.

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**Send for either book—FREE!**

Johns-Manville, Dept. AH-7, 22 East 40th Street, N. Y. C. I am planning to remodel my home. Send me the “101 Book,” FREE □. I am considering building. Send me a FREE copy of the “40 Points Book” □. I am especially interested in Home Insulation □; Insulating Board for Extra Rooms □; an Asbestos Shingle roof □; Cedar-grain Asbestos Siding Shingles □.

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Johns-Manville, Building Materials

American Home, July, 1936
The beautiful legends of Texas' wild flowers

The beautiful legends of Texas' wild flowers

Jasmine prefer the lands of east Texas and the coastline. In the semi-desert regions, the red and yellow blossoms of species of Cactus and Yucca may be found. The sluggish bayous of South Texas are the homes of the floating Water-hyacinth. The western plains have their Mesquite and Evening Primroses. The lime-stone hills boast the gold of the Flutterwheel, or Yellow Primrose. Snow-on-the-mountain, and the luxuriant Mountain Laurel.

Out of the great variety and treasure of the hundreds of wild flowers which thrive in Texas, almost a third have legends which have grown up around them. For the people who settled Texas were a mixed lot, a pot mixture hailing from all over the world. Spanish, French, English, Prussian, Bavarian, German, Portuguese and Italian, they flocked into Texas when they were young, bringing with them their own families and folk tales, which they wove into the settings of the new land.

When the Conquistadores, Coronado, marched his mighty cavalcade across Texas in 1540, seeking the wealth of the mystical Golden Cities of the Ghibala, the plains were a scarlet flame with blossoms of the Indian Plume, and Standing Cypress (Gilia rubra). Today it is variously called the Texas Plume, Prairie Rocket and Texas Star. Flower vandals in the past years have stripped the Texas plains of these lovely flaming blossoms and they are to be found now only along the edges of woods or in dry places. Their beauty has but one drawback which the Indians learned long before the coming of the white man. This member of the wild Phlox family grows best in soil where red bugs abound. The red men called it, appropriately and unpoetically, the chigger weed.

Indian Paintbrush, which the Indians said was "war plumes of warriors long dead" looks as if it had dipped in a can of bright red and orange paint. It is a member of the Figwort family and its scientific name is Castilleja Lindheimeri. The Castilleja part having belonged originally to a Spanish botanist. It, too, has passed from its first vast splendor to scattered areas over the Texas plains, but early pioneers still remember when the virgin prairies were a blaze of red, yellow and orange plumes of "warriors long dead."

The last of these Indian-named flowers is the Gaillardia which still grows profusely in the Lone Star State. The name was derived from that of the French botanist, Gaillard, who loved wild flowers. But in Texas, Monsieur Gaillard never gets his due. When the red, brown and gold blossoms fringe a valley in the spring, Texans say that in their Blanket, the Indian Sunburst Firewheel, the Indian Head Bandana Daisy is in bloom—never the Gaillardia!

The Huisache (Acacia caven) is an exotic, first brought by Spanish explorers. The Huisache, a Mexican commissioner, for Texas became a republic official planted the Huisache on his hacienda and from these have sprung all the plants now abundant throughout Texas. The flowers of the Huisache are very fragrant, fluffy, yellow balls about the size of marbles, consisting largely of many clusters of yellow stamens. These golden puf balls cover the shrub, making it a "load of gold." How many odd accidents happen to them. The unfortunate accidents. The preventable accidents.

In our new booklet "Maybe You" we tell the interesting stories of many odd accidents taken from our files—common accidents with uncommon causes. Many are amusing. Some are exciting. Others, a bit gruesome. Every one will show you how to lead a safer and happier life.

Now is the time to read this booklet. For summer is a dangerous season. Don't take chances. Send for your free copy.

The STRANGE CASE of
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Look! See what happens to seventeen persons a minute—at home, at work, at play. Business men—housewives—clerks—debs. People like you, your family and your neighbors. See the strange accidents that happen to them. The unfortunate accidents. The preventable accidents.

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The American Home, July
Of course you would like to enjoy the comforts and convenience of air conditioning, automatically controlled. Who wouldn't, for air conditioning is the symbol of the modern home, the practical sign of gracious living. You need not wait longer, for Herman Nelson brings this modern, healthful convenience well within the reach of the average home owner. And the various Herman Nelson products are so related that once you have decided upon an automatic heat and air-conditioning program for your home, you can enjoy partial fulfillment at once, and complete your program in such stages as your budget permits.

In fact, the cost of Herman Nelson equipment is so reasonable that you may be paying for air-conditioned warmth, right now, without enjoying its advantages. If you will consider the time, as well as money spent on an antiquated heating system, the everlasting dusting and never-ending cleaning bills, you will begin to realize that there is something more to the cost of heating than the price of fuel. Medical science, too, has proven that the same dry unconditioned air that causes furniture and woodwork to check and fall apart, is injurious and costly to the family health as well.

It will be worth your while to investigate the new Herman Nelson Automatic Heat and Air Conditioning service. It is made available to you through Herman Nelson Distributors everywhere.
HooKing

(Continued from page 51)

place to place when necessary. Wherever possible, woollen goods should be used for hooking. It makes a much more resilient texture than does cotton, wears much better and the fibers intermingle from one loop to another and knit together with use.

Color is a matter to be determined by the indi
dual. Any one design may be developed in a
dozen different ways, each of which will be quite as different as the other. Unless the worker has a very definite color scheme in mind, it is a good plan to collect available material and then see what can be done with it, buying whatever else may be needed and using dyestuffs with nondescription.

Mixtures are valuable. Mrs. Saunders uses them freely in combination with plain colors. Another point to be remembered is that backgrounds are seldom done in solid color, several shades often being intermingled to produce the mottled effect which is one of the earmarks of hand hooking.

Each of the small mats pictured features a different style of design and method of treatment. Square ones may be set up in the frame with the edges turned back and basted an inch or more all around and the hooking then done through the double thickness right to the edge. This makes a neat and durable finish. The edges of round ones require turning and sewing down to the back after the hooking is done. For an exceptionally trim tailored effect, the burlap is felled flat and then the edge is faced with a bias strip of linen, matching the body color, cut to finish about an inch in width after the edges have been turned and sewed down.

The central field of the square mat with the rose spray is dark green—two intermingled tones of the shade known as bottle green. Framing it are two interlaced bands of shaded color, one in the tawny orange tones found in old cherry and the other in the cool tawny-browns. The background between and beyond these bands is green, a little lighter in effect than the other because of toucher lighter shade that are worked here and there. Along the edge, a row of dark brown tufts.

Each of the interlaced bands are the same shade darker now by the outer edge inward. The fully five graduated shades of color in each, but no two of quite the same texture—mixed and others plain.

What makes for subtle shading permits the use of small areas of such materials as one may desire. In the rose many different shades are intermingled, setting one petal from another from the heart of the flower with a little lacey. Then touches of yellow introduced here and there for light, not altogether in the center, not altogether on the petals themselves, are added, too. The bud center is pink, and the worker has pink and green in the petals.

Tablecraft cloths and napkins are made in a wide variety of colors and weights for any home. The Tablecraft cloths have been pronounced entirely lintless. The cloths are finished in standard sizes or by the yard.

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Send for CHARMING TRAY COVER

Send for TRAY COVER
(or cloth for doll's table) of Tablecraft.

With your name and address send just 10c for postage and handling. You'll be amazed how easily stains come out, how well it launder!' Address ROSEMARY, 44 Worth St., New York City.
Now that the weekend-and-vacation season is just around the corner, my advice to every woman who cherishes her household things is—be wary of burglars and yes! Summer is the season when they turn their attention to homes. They like to work while others are off. They prefer to do business when you are off on a nice long vacation. Then, certain of not being disturbed, they can load up a truck and make off with practically everything you own. Their best opportunity is a weekend when your home is deserted. And failing that, they are often tied to work on a hot summer evening when you are out for a bit of air with the family.

This is no light warning. Crime statistics do show that household burglaries increase in summer. And I am sure you don’t want your rugs and radio and wearables and furnishings spirited away, to say nothing of having your home defaced by intruders. So I am going to give you a few simple recipes for foiling burglars. They were given to me by experts—Travelers Indemnity Company—and they are needed to make you feel as safe as the Bank of England.

If you are the careful type you can skip recipe number one. It is simply this—lock all the doors and windows securely when you leave. It won’t do any good to lock up the front door if the back door says “Welcome” to burglars. Better do the rounds and try them all yourself.

Next—stop the newspaper and mail deliveries when you go away. Burglars are sly fellows who can put two and two together. A pile of papers and mail accumulated on the porch tells them you are out—and they are likely to take the hint and drop in.

If you are going to be gone for any length of time, don’t forget to notify the police and spread the news among your neighbors. Tell them just how long you expect to be away. Then if they see any signs of life in your house, they’ll know it means burglars—unless you have a ghost.

When you go out for the evening, leave a few lights on in the house. Burglars are like owls—nightbirds that fear the light. Illumination means the place is inhabited. And the few pennies’ worth of electricity you burn is well worth it.

Here is another hint, though you’ll probably never need it. If anonymous tickets come to you in the mail—beware. Ingenious burglars have been known to send them to prospective victims so they could operate while the recipients attended a show!

Despite all the precautions you take, burglars may still get in. Your most important line of defense is good burglary insurance. It will not only pay for everything that is taken, but cover any damage done by the burglars. Holders of Travelers Burglary Policies have told me that this company has also succeeded in recovering heirlooms that could never be replaced.

My final suggestion is—keep a household inventory of all your things. You’d be surprised how hard it is to remember everything you own. And in case of loss, you’d want to give the insurance company a description and valuation of exactly what is missing. You can get an inventory book from The Travelers by filling out and sending in the coupon below. It has space to list all your possessions by rooms and classifications. I suggest you send for it.

Please send me a free Household Inventory Book.

THE TRAVELERS INDEMNITY CO.
Hartford, Conn.
Name—
Address—
City—State—
"IT HAS CONDITIONED COMFORT I NEVER DREAMED POSSIBLE

"YES... AND AT A PRICE I NEVER DREAMED POSSIBLE

Home Comfort You Never Dreamed Possible

You’ve got to change all your ideas about home comfort. For Conditioned Comfort is today an amazing reality. And you’ve got to change all your ideas, too, about its cost. For now American Radiator Company, the best known name in comfort equipment, offers new American Radiator Conditioning Systems designed and manufactured for the average citizen, not merely for the wealthy few. Here is home conditioning at its best—simplified, practical, amazing in results—yet priced so low that you can afford to own one now!

New AMERICAN RADIATOR CONDITIONING SYSTEMS

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Year 'round domestic hot water

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The 2nd most important use for ScotchTowels!

O BVIOUSLY the chief use for ScotchTowels in the kitchen is for drying hands. But thousands of women say these absorbent paper towels are almost as useful for draining bacon and other fried foods.

They save time and laundry. Lighten work. Just tear one off the neat white roll... use it... throw it away.

Made of “thirsty fibre,” ScotchTowels are soft and absorbent. Put a roll of these work savers in your kitchen today.

On sale at grocery, drug and department stores—2 big rolls (150 towels on each roll) 25¢—that’s only a penny a towelt!

If your dealer does not sell ScotchTowels, send us 50¢ (money or stamps) and you will receive postage-paid—2 big rolls, 1 enamel fixture, or send $1.00 for 6 rolls and one fixture.

Chock color of towel; fixture desired: □ ivory □ pale green

Name
Address
Dealer’s Name
and Address

American Home, July, 1936
A potato or an obstacle race may come. " should show him easy to play lest the little ones be folded child. Stumbling over them donkey is the aviation game in dominoes, or ring games—farmer contest games which are popular. A potato or an obstacle race may be held, croquet played, throwing with rubber horse shoes practiced, ten pins, bean bags, and all kinds of ball games played.

If the party must be held indoors, table games such as jigsaw puzzle contests, cards, dominoes, or ring games—farmer in the dell, et cetera—there are innumerable contest games which are popular. A potato or an obstacle race may be held, croquet played, throwing with rubber horse shoes practiced, ten pins, bean bags, and all kinds of ball games played.

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A welcome variation of the ancient sport of pinning the tail on the donkey is the aviation game in which small airplanes, cut out of stiff paper, are pinned on a map of the United States. Cushions are placed in the way of the blindfolded child. Stumbling over them means a crash and elimination from the race. The plane pinned on the map farthest from the town where the party is held wins the prize; nearest wins the "boozy."

The games selected will depend largely upon the age of the children. They should be simple and easy to play lest the little ones become unhappy and want to go home because they cannot compete. Often when the guests are of mixed ages the smallest children should be given a practice round at each game and an early start in the races. Such consideration for the youngest guest is another lesson in etiquette for the child host or hostess.

Children also become bored and unhappy when they have to stand around and await their turns at a game for any length of time. At a large party of ten or more children it is therefore wise to divide them into several groups which play simultaneously so that there is no possibility of boredom and perhaps tears with tiny tots.

Another warning—be sure to have the proper equipment for whatever games are played. Often the children themselves can be asked to bring their own games, or the young host allowed to exercise his own ingenuity in borrowing them.

Inexpensive table favors, or a prize of some sort for everyone add to the success of the party. Children are delightfully natural and they quite frankly like to depart with some kind of booty, even if it is only a five-cent toy drawn from the old-fashioned grab bag.

The grab bag also affords an element of surprise, and a surplus of some sort is often the climax a children's party! It may be borrowed pony and wagon which every child has a ride, or a Christmas party a Santa suit for those who drop in with unexpectantly and colorfully wrapped gifts.

Another successful surprise is appropriate for an outdoor party is the arrival of an ice cream man with his little cart. To have the ice cream man drop up on their own front lawn receive cups of ice cream with the presentation of the usual inn invariably delights the children. For the mother it also simplifies the problem of serving and especially to be recommended a large party of twenty or more children. Arrangements should be made in advance, course, be made beforehand the ice cream man for him to arrive at the psychological moment when refreshments are in order and the young host or hostess should help in serving both the ice cream cups and the accompanying paper plates with their cake.

Finally, do not delay too long in serving the refreshments, the children the food is the chief event of the party. Tears and anger will result if it is kept waiting too long. Of course, it is wise to see as soon as all guests have assembled and a game have been played.

When the guests depart the host, after helping the little girls with hats and coats, should be at the door to bid them well. Such habits of courtesy instilled early in life will be permanent traits of character and will add greatly to a young son's popularity and will endear your child to cope with man difficult situation as time goes on and the years roll by.

Eating out at home (Continued from page 18)
SHAPE SAFETY FOR CHILDREN

Lire and strength combined

Tissue is smooth, soft and sheer, snug in texture. Above all, it is safe for everyone's use. It is Pure White and "natural," attractive colors. Roll fits all fix-

It is.. MARVELOUS NEV

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ENERGY FOR ACTIVE DAYS!

ACTIVE, ENERGETIC PEOPLE

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It takes more than fresh air and exercise to splash your way to physical fitness. A sensible, nourishing diet is essential, too. And Shredded Wheat gives you a good start. It's 100% whole wheat—a rich storehouse of vitamins, carbo-
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ICE CREAM

RECIPES FOR THE
AUTOMATIC FRIGORATOR!

1 cup cream

3 or 4

universal

stirring

get creaminess,

plungers

RECIPES, TOO

or Borden Co.,
2615 Madison
Street, New York 10, N. Y., for
frost, 1% cup
for
and
for
and
and

SHREDDED WHEAT

American Home, July, 1936

And it is just because nearly every one can create a little private spot such as this in which to lounge and talk and eat that we wonder why anyone fails to do so. Oppor-
tunities lie on every side and an infinity of plans and patterns sug-
gest themselves. Formality and cobblestones and iron tables be-

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1 cup cream

3 or 4

universal

stirring

get creaminess,

plunger

65
The other so that the bottom of one is flush with the top of the other.

For variety's sake, bric-a-brac, small potted plants and vases of fresh flowers placed upon these shelves not only bring out the somber color of the books, but also add brilliant dashes of color to an otherwise drab room.

For the problem of the narrow hall we turn our shelves into two delightful little console tables. The swag drapery hiding the brackets which hold up the shelf in the first one may be cut from plywood or beaverboard and painted to simulate the folds in an actual drape. This should be done in a very simple, stylized manner. The wood drapery is attached to the shelf with small angle irons. A mirror over the console makes the hall appear to be twice as wide as it actually is.

The second console table is curved and so takes up even less space than the first. A piece of Flexwood is bent around the curve and is decorated to resemble a drum. Real rope is strung through holes in the Flexwood, knotted in the back and gripped at the intersections with discs of wood. Three discs are nailed to the wall above the mirror with rope and tassels draped over them. This console would be more attractive with the drum painted red; the shelf top, bands, and discs, blue; and adorned with white rope.

If you are now inspired to build shelves and have original ideas of your own, by all means carry them out. We know that you will be rewarded many times over with decorative, useful, and inexpensive additions to your home.

**Lamplight glimpses**

(Continued from page 35)

side of the holder has a row of four candle holders. Mr. Gates' assumption is that it probably was the property of a grocer or general merchant, who set it on the counter or the cracker barrel to give light for gossip around the pot-bellied stove of a long winter's evening.

Householders tried to do elaborate things with their candle holders. Witness the punched-tin lanterns with careful designs on their surfaces. These swung in dignified homes, and from conspicuous posts in meeting houses. They may even have been used in the barns of early-day plottocats; and they probably lighted the way to and from church for many a deserving deacon.

Punched-tin lanterns are frequently called Paul Revere lanterns and Mr. Gates says that there is absolutely no authority for so naming them. The assumption is that it was such a lantern which Paul Revere hung in the tower of the Old North Church. Since the light obtained from such a lamp depended upon the glow of a candle through the punched sections of the tin, it is a phony impossibility that it could serve as a light for a watchman.

To prove this, Mr. Gates installed some forty-candle-power electric light in a so-called Paul Revere lantern, and the light from the times the lantern's original cannot be seen any farther than the glow of a cigarette.

The use of fuel-oil for light is supposed to have become current around 1830. When oils and lubricative fluids came into use, people began to convert their candles into fuel lamps. From this came the peg-lamps, so-called because they consisted of a glass container, fluid, with a peg or stopper to keep the globe so that it could be fitted into the holder of a desk lamp. The oil-filled electric lamp includes several peg-lamps which were in use in the Massachusetts State House in Boston shortly after the adoption of whale oil as a lamp oil. While the lamps are labeled oil, the date of 1812, Mr. Gates' collection of these lamp holders is significant, with the authenticity of the which cannot be reconciled with the time when whale oil is supposed to have been adopted for lighting purposes.

It seems that people used oils for a good many years before they discovered that oil was too efficient for light. Around 1840 to 1850 a variation of experimental fluid was used in lamps. Among these was a substance called camphene. This was highly explosive, and brought about the introduction of many types of lamps, designs which made the fluid less explosive. This was horn and tin, the two popular materials of the candlestick era, replaced by glass with the coming of camphene.

The sparking lamp or fire lamp made its appearance first in Sweden with oil. This lamp is a little shaped affair, which burned whale oil. It is called a tavern lamp because it was the lamp most used by the tavern keepers who gave guests to light their way to their rooms. The lamp was small that it could contain several times the amount of a thimbleful of oil and it soon burned out. The left in darkness, might go to light them and if he did so, this saved landlord extra lighting expenses. The lamp was called a sconce lamp because it was the far away. Youth was well along with one who had a beau came to The little lamps served two purposes in sparking. The dim which they shed was almost favorable as moonlight to the mance minded, and since the lamp soon burned out, a sconce lamp meant to be dark, might talk to hint that it was time for him to leave.

Most whale oil or camphene

The American Home, July,
Living room in the garden

Outdoor fireplaces can be and are made of all sorts of materials. Natural charm may be obtained by using the sort of material most easily available in the community. Persons residing near streams or in the mountains frequently employ large cobblestones with pleasing effect. In limestone country the stone mason can generally do a beautiful piece of work with native materials. Some people like brick facing. There are endless varieties of brick for such uses.

The contractor will usually tell you it is cheaper to build with brick than to use reinforced concrete, because it costs considerable to build concrete forms for a cement job, in addition to the expense of the concrete materials. If you wish a cement effect, it can be obtained by using common brick, with an attractive brick outline around the firebox. Common brick may be finished with a covering of waterproof plaster or stucco, tinted to any color desired.

You may well give considerable study to the location for an outdoor fireplace and grill, for the reason that the dining room facilities should be near at hand. It is well to find a sheltered nook in the yard, where you have discovered through observation that drafts do not come between nor over buildings. You may also wish to arrange the structure in such a manner that the utmost privacy from public gaze may be obtained. Sometimes, as is the case in one of the accompanying illustrations, the fireplace may be erected in a garret window so that it seems to grow up through a back yard pergola. This was accomplished by saving off the pergola cross-beams in such a manner that several of them merely touched the face of the common brick and had their

an unexplored and untamed wilderness pressed into rooms which had only a saucer of grease to dispel it. The shadows danced on all sides of flaming rushes while men and women waited a moment before the sleep that would prepare them for another day of making history. Most of us who are over thirty remember a country home lighted by the high bracket-lamp and the kerosene-burning hand-lamp. By its light, one could look at the stereoscopic views which, with their stereopticon, reposed on the parlor table; and it was easy for boys, who might otherwise be caught reading dime novels and penny dreadfuls, to blow out the lamp and feign sleep when a parental step was heard on the stairs.

HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

Suppose you decide that you want to be able to retire on $250 a month beginning at age 55. Here is what you can get:

1. A check for $250 when you reach 55 and a check for $150 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

2. A life income for your wife if you die before retirement age.

3. Monthly disability income for yourself if, before age 55, total disability stops your earning power for 6 months or more.

It sounds too good to be true. But it is true. There are no "catches" in it, for the Plan is guaranteed by a reliable old company with over half a billion dollars of insurance in force. If you want to retire some day, and are willing to lay aside a portion of your income every month, you can have free

Not only that, but if you should die before that time, we will pay your wife a monthly income as long as she lives. Or, if you should be totally disabled for six months or more, you would not be expected to pay any premiums that fell due while you were disabled, and you would receive a regular monthly disability income besides.

HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

Suppose you decide that you want to be able to retire on $250 a month beginning at age 55. Here is what you can get:

1. A check for $250 when you reach 55 and a check for $150 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

2. A life income for your wife if you die before retirement age.

3. Monthly disability income for yourself if, before age 55, total disability stops your earning power for 6 months or more.

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Why let flies and mosquitoes pests quickly and easily? Follow the directions below.

Spray FLIT for Health, Comfort and Economy!

Why let flies and mosquitoes menace your health and comfort this summer, when Flit kills these pests quickly and easily?

Although deadly to insects, Flit is harmless to humans and pets. It has no disagreeable odor. Flit costs little and does much. Get a can today and follow the simple directions below.

FLIT SPRAY DOES NOT STAIN

Spray FLIT for Health, Comfort and Economy!

HOW TO KILL FLIES AND MOSQUITOES

1. Shut all windows and doors.
2. Spray Flit upwards 50 to 100 times in each room.
3. Leave rooms shut 10 minutes.

FLIT SPRAY DOES NOT STAIN

FLIT SPRAY DESTROYS FLIES and MOSQUITOES

In building a garden fireplace such as this, to a height of twelve to sixteen feet, a foundation footing four feet wide and fourteen feet across, with a depth of at least thirty inches, should be built of reinforced concrete, with reinforcing iron crisscrossed in the mix. The ends of some of the rooms should project forward at least two feet, near surface, to tie into the cement foreground, which should be constructed after the fireplace has been completed.

A pleasing way in which to utilize space and add charm to the scheme of things is to build the charcoal broiler at one end of the fireplace. This can be accomplished by recessing the brick work. The bottom of the firebox should be three feet up from the cement floor. In proportion to a fireplace structure three feet thick and ten or twelve feet across the face, the broiler firebox should be one foot wide, two feet long, and one foot deep. At the top of the firebox the brick work should widen out at least six inches along each side so that when the grill rack rests above the fire, overlapping the firebox at least an inch on either side, there will be a hot brick shelf. Four to six plates can be stood upon edge, against the sidewalls, to gain warmth from the heated bricks, and hot baked potatoes can be laid in front of the plates to keep piping hot while the meat is being broiled.

The grill flue rises at an angle at the rear of its firebox, and should be at least eight inches square. If it draws too freely at the rear of its firebox, and should be at least eight inches square. It should fill the length of the cement foreground, which is paved at intervals to illuminate the garden. Firebox the brick work should be at least eight inches thick. If one cares to go to a slightly larger fireplace, a couple of strips of iron should be bolted into the brick work, perpendicularly, to serve as grooves for a firegate. A good gate can be made by filling the exact space with a piece of perforated sheet-iron, which can be obtained at any hardware store. An iron worker or blacksmith can make a rack to fit over the top of the grill firebox. It should fill the length of the firebox, and overlap an inch at each side, upon the brick. This rack may be made of quarter-inch round rods, an inch apart, inserted at opposite ends into two one-by-three-quarter-inch flat strips of iron, and welded or riveted. Hardware and department stores now sell an aluminum broiling plate, containing a multitude of small holes, which can be used on top of the broiler rack to grill fish or bacon, without the annoyance of the meat dropping through into the fire. The broiler rack is set for steaks and chops.

The fire should be made crumpling papers, and coal with fine kindling, to which large sticks may be added. It takes at fire twenty minutes to burn down to smoking coals. A set of fire of dry wood usually takes within forty minutes, a deep of glowing embers, suitable broiling. The coals should smokeless when the meat goes to the rack.

At the opposite end of the place superstructure a chimney and convenient feature may worked out by recessing the bright work eight inches deep by twelve inches square. Into this can be cement a galvanized iron board, with three shelves of same material at varying heights so that plates may be left against the back wall, and which other dishes, including pot, pitcher, coffee pot, and sugar container can be set. This should be built of galvanized of such a thickness that it will buckle in the hands. Shelves crimped or hemmed front should be soldered in place, door should be of heavy mat of width to resist warping, and should put on with brass hinges. On the box, an inch above the door, the tinier should be galvanized copper inches wide, to ser a drip to prevent rainwater trickling into the top of the board. The door should be placed into a door frame like an icebox to keep out wind and rain.

If one cares to go to a slight pene, a buttress three feet a and the same height can be placed at this end of the fireplace, part of it, and beneath the board, for a work-table. In a recess, conveniently near, can be placed an electric outlet, double plugs, to serve coffee maker and waffle iron, which be used on the buttress top.

WORRIES with Flit

Take an "all summer" VACATION at home

Free FROM hot weather WORRIES with Flit

Spray FLIT for Health, Comfort and Economy!

FACTORS of ROCK WOOL PRODUCTS

Flit for garden.

Concrete, with reinforcing iron crisscrossed in the mix. The ends of some of the rooms should project forward at least two feet, near surface, to tie into the cement foreground, which should be constructed after the fireplace has been completed.
A man wants comfort in his home decorations," he warned. 
with comfort and impartiality to sex we have decided upon furnishings for our guest room. Subtly the impersonality of many modern settings is why style is chosen so frequently for guest rooms. When well done, they are restful, utilitarian, and personable. However, a modern piece in our Early American Colonial home would not fit into the scheme of things. Our choice of a large Colonial bedroom set boasted much of the Queen Anne period in feeling promises a portentously substantial and informal background for our room.

The woven wool rug with blue predominating are used on the floors, and the blue is to be picked up on the damask cover of the dressable bench and the gay yellow and blue glazed chintz cover. The smartphone adds to the room's gayness, as the gay yellow damask cover of the dressable bench and the gay yellow damask cover of the dresser are comfortably substantial and important in the context of the room. Our choice of a tortoiseshell desk for the cream wall, and a spinet desk adds to the furnishing of the room. But of what use to the guest unless equipped with ink, pen and pencil, paper, and a book of stamps? The spinet desk, for instance, adds to the furnishings of the room. But of what use to the guest unless equipped with ink, pen and pencil, paper, and a book of stamps?

Runs in stockings and razor blades: In the excitement of packing for the trip guests frequently overlook other small but quite necessary items. Most of these can be purchased for little money at the dime store and the thoughtful hostess will keep the top drawers of the dresser and highboy supplied with small necessities to be used by the guest in an emergency.

My notebook jottings made as a week-end guest warn me to have in the dresser a drawer of loose buttons or stocking runs, a packet of hairpins, some face powder with a few cotton wool puffs, cold cream, a supply of facial tissues, and other feminine necessities.

My husband is planning to place a quaint little mahogany rush straightback chair and an ornate mahogany rush hide desk. My husband is planning to place a quaint little mahogany rush straightback chair and an ornate mahogany rush hide desk. My husband is planning to place a quaint little mahogany rush straightback chair and an ornate mahogany rush hide desk.

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Install OIL-O-MATIC now
Nothing more to pay till October 1st!

There's a mutiny below... in thousands of basements. Men—yes, and women, too—who have patiently shoveled tons of coal into the furnace, then shoveled it out again in ashes... are finding how little it costs to have clean, care-free OIL-O-MATIC heat.

Just think of it: Mass production (OIL-O-MATIC is the world's largest selling oil burner) has reduced Williams OIL-O-MATIC prices 50% in five years! The new OIL-O-MATIC cuts fuel costs to the bone. Now add to this what OIL-O-MATIC saves you in ash hauling, furnace cleaning and repairs, cleaning and decorating costs and doctor bills due to uncertain coal heat. Do you see why the majority of OIL-O-MATIC owners in a recent investigation said "It costs no more than coal!"

Don't shovel coal another winter. Williams OIL-O-MATIC can be installed in your present heating plant in a few hours. It is noiseless, sootless, needs no attention. And OIL-O-MATIC's Summer Plan, under the FHA program, permits installation NOW. Nothing to pay until October 1st—then 12 to 36 months to pay the balance—low interest charges.

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Red Cedar Shingles!

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Red Cedar Shingles!

What a beautiful home — soft, deep shadow lines, natural color tones, random widths — all so characteristic of CERTIGRADES. You can bring the same "eye appeal" to your home without strain on your pocket-book, for first cost of CERTIGRADE Shingles is surprisingly low, and they endure for years without upkeep expense. And — another economy — CERTIGRADES' high insulation value will materially reduce winter fuel bills as well as keep your home delightfully cool through the hot summer months. * Red Cedar Shingle Bureau: Headquarters, Seattle, Wash.; Canadian office, Vancouver, B. C.

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Red Cedar Shingles

small can of talcum powder, a comb, a mouthwash, and of course the usual supply of towels and face cloths. The items would be placed in the bathroom, of course, if our plans included this additional luxury.

No doubling up on hangers! The closet will also be provided with enough clothes hangers to make doubling up unnecessary. Then there will be the pair of bedroom slippers and a washable cotton underrobe. Taking a tip from the hotelman, who is a master of the art of hospitality, the closet will contain a paper laundry bag. A nickle shopping bag serves the purpose well so that a guest will feel no compunction in tucking it into her bag to help segregate her clean and soiled garments.

We have made a solemn vow to equip our guest room with these inexpensive comforts as soon as it is ready, and as soon as one guest leaves immediately to replenish the list so that there will be no last-minute dash into the nearest drug store to buy what we can afford just before the arrival of our next visitor.

A wastepaper basket and a clock are a foregone conclusion in the guest room. But how many hostesses in an effort to brighten up the room remember that certain of her friends may suffer from hayfever? The red roses that tell a story of love for some persons spell nothing but sneezes for others. So our floral decorations are to be restricted to a healthy potted fern.

Personal privacy is an issue with some, so we are making certain that there is no doubt as to the efficacy of the lock on the door. To insure further privacy, the principal that trespassers will be prosecuted is a wise one to teach the younger members of the family about the guest room. Also for the peace of mind of parents and guest we would suggest giving the children their breakfast before the guest appears to join the adult members of the family.

The mystery of meal hours: Some hostesses, quite unwittingly, make a great mystery of the hours for meals. A person can suffer untold hunger pangs simply by anticipating that every minute the next meal is about to be announced. Whereas if she is informed on the regular meal hours this certainty seems to eliminate such suffering. We are much in favor of the English custom of placing a jar of cookies and crackers in the guest room. This does away with between-meal hunger and, if she wishes, a guest may indulge in a snack before she goes to bed.

Breakfast is undoubtedly the most important meal of the day. Probably persons are more eccentric about their breakfast habits than any other meal. Some will have nothing but two cups of coffee and a piece of toast. Others will run the gamut of frosted cereal, eggs, bacon or sausage, fried potatoes, toast, jam, and a beverage. We plan to let our guests know they are doing it their way; they will tell us just what they prefer. Because, after all, the whole begins is the day well done.

Over-zealous entertainment. When breakfast is finished, our tender frequently finds himself self confronted with a full menu for the day that will last her no time to herself. A few things should be planned, but some at least should be allowed guest so that she may roam in the house or grounds at will to retire to her room for relaxation.

A few current magazines, a representative choice of books from our good biography to a collection of detective yarns will be placed our guest room together with a choice of cigarettes and a convenient ash tray. A reading lamp is essential, and the entire light of the room is to be arranged so that all switches are clearly visible.

In other words, there will be no mystery about our guest room facilities will be obvious. And no time will any valuable piece of bric-a-brac be used.

A beach house

(Continued from page 40)

the sloping ceiling, which heated by warmed air from fireplace rising to the balcony.

In addition to the two main bedrooms, there is a suite on the ground floor opens off the living room. A porch is formed on the sea side by the overhead proye of the mezzanine bedrooms. In the mezzanine itself, there is space for chairs, trellised vines, and beds. On the opposite side of the house, a woodshed and garage combined with the kitchen, lattice work.

The unusual touches of farmhouse type beach house much to its effectiveness, as well as comfort. Note the rain baffle, secret porch, pillars, cleverly broken roof line; horseshoe door knockers; ceiling hung with nail bags; tiny book shelves built with hidden convenience of upper-bert breaks; dressing tables trim with rope; ship's lamps for lighting fixtures. And last but not — notice the tremendously fireplace which helps the insulating problem.

Correction: We regret that in our last issue we printed an article by the author of the article "Open the Doors To The Guest." Published in the May issue, it was correctly given. It should have been Mrs. H. Morell Rolfe.

The American Home, July,
And more about kitchens

FREE PROOF
THAT HOLLAND CAN GIVE YOU
Perfect Heat in Every Room

Amazing
SAMPLE FURNACE Demonstration
Shows You Why Holland Alone Guarantees You 100% Satisfaction

See This Convincing Proof of a Great Advance in Low-Cost Warm Air Heating

Of all furnace manufacturers in America, only HOLLAND gives you a direct factory-to-you Guarantee Bond that insures perfect heat in every room. WHY? Some of the numerous reasons "why" are pictured on the right. The amazing demonstration pictured above will reveal many more. Why not learn the facts? Ask for this demonstration now and see with your own eyes, on a perfect scale model, the outstanding improvements in scientific warm air heating HOLLAND alone can give you. Without cost or obligation, you learn facts about home heating economy and efficiency that every home owner ought to know. Why not mail the coupon right now for complete information about Holland Factory-Guaranteed home heating systems?

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World's Largest Installers of Home Heating and Air Conditioning Systems

Air conditioning is no longer a costly luxury. The new HOLLAND system can be added at any time to any warm air heating system. Gives you year-round comfort at amazingly low cost. Fully guaranteed by the manufacturer.

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Heating requirements of every room are individually determined by Holland's own trained engineer and an installation accurately planned according to his findings. No guesswork—every room must be perfectly heated.

The Holland Furnace Company's own specially trained experts install the entire system under our engineer's personal supervision. Then you receive the factory's own unqualihed Guarantee of perfect heat in every room.

AMERICAN HOME, JULY, 1936
Fairbanks-Morse Automatic Coal Burners give it to you and Ton can have Automatic, clean, even new boiler or furnace coats as much as 50%. F-M Automatic Coal Burners have caused thousands to exclaim, "At last, the ideal heat!" Coal Burners have caused thousands to place fireplaces at home but it fulfills to only 11' x 12' or other similar areas. Do blazing or arcing.

FIR-TEX provides three times the insulation of fir, one of the best insulating woods in its natural state. Fir-Tex is eight times as effective as plaster board, twelve times brick, fifteen times clay tile and twenty-five times as effective as concrete. There are many wallboards, but none have as much insulation value as Fir-Tex.

<table>
<thead>
<tr>
<th>Fir-Tex Quality</th>
<th>Value</th>
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<tr>
<td>1. All wood</td>
<td>4. High insulation value</td>
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<td>2. No chemicals</td>
<td>5. Vermiculite</td>
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<tr>
<td>3. Water-proof</td>
<td>6. Fire-resistant</td>
</tr>
<tr>
<td>7. Not laminated</td>
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FIR-TEX Nature's gift from the great Northwest Woods

Kellogg's Corn Flakes never stay long on the grocer's shelf. And they're kept oven-fresh by the heat-sealed WAXITE inner bag—an exclusive Kellogg feature.

A wholesome ready-to-eat cereal, always crisp and delicious. At all grocers, ready to serve. Low in price. In high value.

Nothing takes the place of Kellogg's Corn Flakes

"The building supply dealer recommended FIR-TEX because it makes the finest insulation board."
I, and the property between the river cuts in near the town, the property that Mr. and Mrs. Brown acquired by the village as parkway, faces this parkway and commands a glorious view of the river. The plot has a 65 foot frontage, and a 16.5 foot depth, with a 16.5 foot elevation. One mile further you may note in the vicinity of Fort Meigs, now Army National Guard establishment, which played such a memorable part in the naval battle on the river, and also a similar one adjacent to the right property.

Dick Powell Selects WESTERN PINE

In Hollywood, the homes of the Stars are noted for their beauty and excellence. Dick Powell, appearing in his latest Warner Bros. Cosmopolitan Production “Hearts Divided”—starring Marion Davies—is one of the many who has added dignity and enduring charm to his home with Knotty Pine paneling. The mantel, showing the French Provincial motif, is also of Western Pine. Write for interesting free booklet “Western Pine Camera Views.”

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73
The herbaceous garden (Continued from page 72)
grower, and so untidy in habit that it is best in the wall garden. Amoena Phlox (P. amoena) is not actually a "moss" species, for the tiny leaves are nearly flat. But the flower is large, with wide round petals, of the bright rose color of Vivid. It does not creep, but makes tight little tufts, and it is the least aggressive of our Eastern species. It is safest when planted in a crevice in the rock garden.

Many other dwarf species grow in our Rockies, but they do not seem at home in Eastern gardens. The most willing seems to be P. douglasi, like a small form of Moss Phlox of the color of a rose Aubrieta, but lacking the vigor of our Eastern Moss Phlox.

Photographing your flowers (Continued from page 23)

This is well illustrated in the picture of the Peony. There is nothing real sharp in this picture except the flowers and their leaves. The fence and the rest of the foliage are out of focus.

You will find that these close-ups will require considerable exposure. As much as five or six seconds at times. So the problem of the wind moving the plant enters here. There isn't much you can do about the wind, except to wait for a full. You will learn all about the wind when you go along. There always seems to be some.

Some of the best flower portraits are made indoors. Here it is all a matter of light, and you can have any light you want. The diagram shows a good set-up for indoor work. You want to photograph an extra fine bloom, we will say, of your favorite Gladiolus. Cut the stem long, and place it in the neck of a bottle, with water in the bottle. Cut a section out of a cork stopper to make room for the stem and put the stopper in the bottle. This will hold the flower in any position you place it, and at the same time the flower will be getting the necessary water.

If the flower is white or of a light color use a black background, which should be large enough to allow for placing it well back of the flower. Keep the light off the background as much as possible and do not try to get it in sharp focus. The window at the right will give you the light you need, and the reflector at the left will help to balance it up. You can make good pictures with this light, but the addition of a spot light as shown in the diagram is a fine thing to add to your equipment. You can use a bulb of high power, 200 to 300 watts, or you can use the photoflood bulbs which are a very strong light. By placing this light high and on nearly the same plane as the flower you shoot the light down directly to the flower which will give you much as you will throw into shadow the delicate tail of the petals and give a roundness to the picture which is a desire to be desired.

The light reflector at the right will help to soften shadows, and the closer you place this reflector to the flower softer the shadows will be. It is an interesting thing to play with and you will have much fun with a spot light. All sorts of lighting are easy with this tremendously handy tool.

If the subject is red, or a warm color, a white background may be substituted for the black background. In this instance, the light will be allowed to shine on the ground as well as the flower. Two or three spot lights coupled with orthochromatic film color filters sometimes must be used to get a good effect, as a shift to the panchromatic Panchromatic means all color, course; so this film is sensitive to red as well as to other colors and will not however, give a good rendering of certain reds without aid of a red filter over the orange flowers should be photographed very much like with the orthochromatic film color filters sometimes must be used to get a good effect, as with the panchromatic film. Both films are particularly sensitive to yellow.

Good pictures can be made with the spot light alone. The petals of the Night-blooming Cereus, for instance, was made at night cause that was when it was blooming. The spot light was used. The light softness into the shadows, the main thing is lots of light proper filtered and directed and managed. The exposure. Sometimes a full second or more is necessary. When the light is too strong and the stop is stopped down very fine negative should show detail down into the deepest shadow. The highlights should not be opaque, but show the delicacy of the flower. Frequently you are not bothered with the wite, you have everything your own way.

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Banish Your Dog's "Summer Itch" This Safe Easy Way

THE summer itching and scratching of your dog are often due to vitamins deficiency in his food. Treat the trouble internally—by cor- recting the diet. Just add a teaspoonful of Fleischmann's Irradiated Dry Yeast to each meal, and watch how quickly your dog gets relief.

25c, 50c, $1.50. Sold at all drug stores. For dogs under 10 lbs., write Standard Brands Inc., Dept. ID, 559 Madison Ave., New York, N. Y., for 10 lbs. or more.

The American Home, July, 1922
der-exposed negative use contrasty paper for best results.

It is now possible to make color pictures on paper. It is rather a complicated process and involves considerable outfit for equipment, but it is possible to get true color prints on paper without any hand coloring. Your photo dealer will tell you about this if you are interested.

One thing in conclusion. As you go along with flower photography you will develop a still keener sense of the beauties of the things you photograph; a deeper appreciation of the miracle of flowers.

Flower show winners
(Shown on pages 32 and 33)

One of the very interesting competitions staged by the Federated Garden Clubs of New York State at the big flower show last March, was that for arrangements of garden rooms. The three prize winners, illustrated on pages 32 and 33 are full of suggestions for rearranging the garden workshop this summer, or for completely planning it next fall in preparation for the next garden season.

Judges awarded the first prize to the exhibit of the Garden Club of Larchmont, shown at the top of page 32. Here the walls and counter above the window are stained walnut color, and the trim is green. Vases, flower holders, and garden books are concentrated on built-in shelves above the working surface. Wooden pegs along a hook strip are convenient for large tools and keep them off the floor and out of the way. The high counter is a bin for soil, fertilizer, sand, and the like, properly separated. The lower counter holds the small but deep sink, and provides a good surface for re-potting and caring for seed flats. Small tools are hung within easy reach of the right hand.

The Lake Mahopac, Putnam County, Garden Club won second prize with the exhibit shown at the bottom of page 32. Pine trim counters and shelves contrast pleasantly with gray walls, and the floor is of brick. Especially interesting is the rack at the right, with shelves and pegs to accommodate equipment that hangs, stands, or leans. Bins for soil and fertilizer pull out toward the worker. The large sink is equipped with a goose-neck fixture.

Dark blue trim against gray walls was selected by the New Rochelle Garden Club, awarded third prize. A shelf directly under the windows gives a healthy place for flats of young seedlings and does not interfere with the work surface itself. Note the packets of seeds kept in a sectional box on the left and is very complete.
GARDEN FACTS and FANCIES

GENTIANS, by D. Wilkie (Scribners, New York), is the title of a unique and really most interesting book on that very fascinating genus of plants. It is an English book but inasmuch as it is a kind of dictionary of the different species and varieties of Gentian and their idiosyncrasies in cultivation it is equally useful to the American gardener and there is no other book to which the cultivator and collector of this very fascinating genus of generally blue-flowered plants (but we do not forget there are yellows) can turn.

The increase of vegetable of our own Western plants has uncovered a great interest in the Gentians of this country and to that is added the discoveries of the plant collectors of other parts of the world. Under the circumstances it is not much to be wondered at that a clarification in this book of entanglements in identification of the various species will be welcomed by rock gardeners and alpinists in particular in their effort to get things straightened out. It is both a practical and a reference book, alphabetically arranged.

Perhaps of more positive local appeal is "American Ferns—How to Know, Grow, and Use Them" by E. A. Roberts and J. R. Lawrence (Macmillan, New York). Not a very big book but it gives a very practical insight into the North American Ferns. Naturally, it is largely botanical in its treatment and in that detail is open to debate, but apart from that the chapter dealing with the life of the Fern is unusually lucid and practical. If you would know how to raise Ferns from Spores, which the authors recommend rather than collecting from the wild, this book tells you just how.

THERE are still a good many people, I am glad to note, who like to devote a part of their area to the cultivation of vegetables. Now, there are "vegetables" and "vegetables" but the differences in quality are hardly realized except by those who do find a delightful recreation in "raising their own." And this is not entirely because of the freshness of the home-raised product but the fact that the market product is usually, in some way or other, a rather tougher type than should be used in the home. Even the same variety must have enduring quality after it is picked; tough skin that will retain moisture, for example. But when you can add to superior varietal quality the further quality of full growth and gathering in perfection of condition, there is really no comparison between the home and the store product. Peas in particular unless grown at home and cooked almost as soon as gathered—and gathered young at that—have never otherwise been appreciated. This is equally true of sweet corn, all of which gathered young and kept cool till cooked, will reveal a delicacy of quality entirely unexpected. Keep cool; that is the point. The gathered products of your garden should be chilled at once, to get rid of the field heat, even by putting into the refrigerator to prevent the destruction of the sugar through chemical changes which ensue.

Vegetable gardening is indeed a good introduction to good flower growing. A rare thing in general, because of necessity, the vegetable grower quickly senses the necessity of keeping his crops clean by weeding and helping by protection against the onslaughts of insects and diseases. Cucumbers, melons, squash, which are attacked by bacterial wilt and mosaic diseases which may be carried to other plants in the garden, never have the desired table quality. The gardener learns quickly to control the transfer of diseases, especially bacterial disease, by destroying insects which are the carriers—leaf hoppers, cucumber beetles, stink bugs, etc.

Another advantage of the home plot vegetable is that the succulent quality of small, tender, young root crops, turnips, carrots, and such like, can be enjoyed—no necessity of raising to the greatest bulk. Quality is the ideal and any root crop not permitted to exceed an inch in diameter and cooked fresh is something to enjoy. But, even so, with the tendency to sudden burst of summer heat, the vegetable crops must be watched to be sure that they are caught young rather than allowed to get even a trifle aged.

GARDENERS will welcome the preliminary announcement of a new horticultural color chart to be sponsored by the Royal Horticultural Society of England. It is to be based on the model of the French Repertoire de Couleurs and the Ridgeway's Color Standards, both out of print. There is a British interest in plant life, apparently whatever that may be—and the new project is to be undertaken with the collaboration of Mr. Robert Wilson, art director of that garden. The two volumes are expected at a very moderate subscription cost of about $2.50 each.

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WATER-TIGHT! Snaps off in an instant! Ends all your hose-coupling troubles—permanently! The Bendix-sewn-water-tight disconnects in an instant. Your Bendix Won't let water slip away, yet coupler can slip off with two fingers! No more lost water, no more water stains on lawn, no cross-threaded couplings to round, with never a leak! Think of the S-W-L-V-E-H! You can twist it freely 'round and 'round, with never a leak! Then you've got "snap-on-and-off hose service!"

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"USE THE COUPON BELOW—"——Snap off extra hardware man. or order direct from factory—bother it saves you! Use it in the garden, the conservatory, the home—use the coupon. Complete RED-CAP coupling hardware man. or order direct from factory—bother it saves you! Use it in the garden, the conservatory, the home—use the coupon.
A slat house

(Continued from page 16)

made for the wall sections and the slats tucked on, care being taken to see that the frames were square. Then the sections were put in place and the doors hung. These wall sections were made to slip in between the sill and plate, and were held in place by a few 8-penny box nails driven only part way, so they could be easily pulled out to permit moving. The frames are of 1-inch by 2-inch redwood, with 3/4-inch by 2-inch spaced 1 inch apart in the first unit, and 2 inches apart in the second. On the north side we used 3/4-inch by 8-inch boards with an inch space between them.

The roof sections are of different widths, so that in taking the house down for the purpose of moving it, these will nest together. We adopted a simple bow truss for the roof, strong, quiet, easy to put together, and ornamental in appearance, though a flat roof would answer very well.

We prefer to use rough lumber. It is slightly cheaper, it is more rustic in appearance, and can be covered with one coat of stain. The rough wood absorbs more stain, but it becomes almost immune to decay. In painting the frames we found it saved a good deal of time to set thirty or more edgewise across two horses, pressing them tight together, and then painting all the edges at one time. The broad sides of the slats can be painted before or after they are nailed to the frames. All of the painting was done in our case, before the slats were nailed to the frames and before the house was erected. Figures 2 and 3 show the wall frames, and Figure 4 illustrates the roof sections.

We fitted the house with rough tables on which to stand the flats, sand box, and pots. The convenience of working at a table, instead of stooping over a coldframe, and the time- and labor-saving element, has been worth the full cost of the house. Our water faucet, set above a box lined with galvanized iron like a sink in which to stand the new Tulips they wanted. The broad sides of the slats can be painted before or after they are nailed to the frames. All of the painting was done in our case, before the slats were nailed to the frames and before the house was erected. Figures 2 and 3 show the wall frames, and Figure 4 illustrates the roof sections.

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Nature's dead fights. A weed killer for lawns, which eradicates weeds while stimulating the grass to richer, more luxuriant growth. Job sample can be posted for $1.00.

Get Rid of Insects! [Continued from page 38]

But we wanted a garden! [Continued from page 38]

Club, put up your tennis racket, give up Saturday football games, Sunday afternoon naps, and turn he-man every week-end. In other words, if you want results you've got to put your heart, hands, feet, and garden rubbish into rich, genuine manure. So begin now to make manure, even better than the stable kind, and clean. A glance at the before-and-after photographs shows that the selected for the garden was a class dumping ground. In tenancy, it was a small and useful garden. Now it is a "Chic Sales" bungalow of classic design, thereby netting a small and useful garden-house. It, too, was a faded red roost, had a dreary looking over-hand roof, cutting the roof back, shingling, and painting the white cost just $14.65. The turrets tell whether it was worth it. Only a devotee of fried chions would go to the expense of leveling down an old chicken house and building it on a more suitable lot of land. It is not worth it when the beens begin to sprout and each becomes as interesting as a native Boxwood garden.

Aside from the pleasure we had in personally having a hand in "claiming the land," we have known that it was worth it when the beans begin to sprout and each becomes as interesting as a native Boxwood garden. The American Home, July
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Few things can give you the pleasure that comes from a can of paint. And through the years Sherwin-Williams famous SWP will give you—as it has given thousands of others—the beauty...and protection...and pleasure...your painting expenditure entitles you to. SWP has all the properties that bring satisfaction in your finished painting. Smooth and silken texture...sunfast, durable, true toned colors...glossy, gleaming surface...and the durable long life your paint job must have.

Using SWP on your home identifies you with the best known and most widely used house paint in America. Its name is a proud possession of the Sherwin-Williams Co., because of the countless home-owners whose pride in their homes is enhanced by the beauty and protection SWP gives.

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