An American Home costing less than $17,500 to build
From the office of John Russell Pope, architect. See page 26

Doubleday Doran & Company Inc
To be treasured among their choicest possessions.

There is no prouder gift for a distinctive home than New England's celebrated colonial furniture. Simple and historic in design, it is a mark of good taste which will endure for generations to come.

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Please send free Booklet "The Beauty Secret of a Colonial Home". Please advise where I can purchase.

Name  Address
How Sheetrock can help you have more closets or a new bathroom

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This Note of quiet Ease in Smoothly managed Homes

Quite often it is the result of telephones...conveniently placed to save steps and time, and to expedite household routine

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Your local Bell Company will gladly help you plan the telephone arrangements for your home. Just call the Business Office.
# The American Home

## OCTOBER 1930

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Editor

**LEONARD BARSON**
Horticultural Editor

**FREDERICK KLARMAN**
Art Editor

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Editor

**LEONARD BARSON**
Horticultural Editor

**FREDERICK KLARMAN**
Art Editor

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**Doubleday, Doran & Company, Inc., Garden City, N.Y.**

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The best aluminum paint is made with Alcoa Albron Powder, mixed with a suitable vehicle made by any reputable paint manufacturer. Aluminum Company of America does not sell paint. It does manufacture Alcoa Albron Powder which your paint contractor can buy from most paint manufacturers, jobbers or dealers by specifying “Alcoa Albron Powder”. Let us send you the booklet, “Aluminum Paint, the Coat of Metal Protection”. It describes the many protective uses of Aluminum paint. ALUMINUM COMPANY OF AMERICA; 2423 Oliver Building, PITTSBURGH, PA.
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(At Left) A Sargent Hardware item that seems perfectly at home in the midst of antique furnishings. Of solid brass or bronze, this lever handle will give smooth service for the entire life of the building.

(At Right) Here is shown, as appropriate for the residence illustrated above, only one of the many colonial designs made by Sargent, authentic reproductions of the master designers.

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Manufacturers also of highest quality Polished Plate Glass and Safety Glass for automobiles.

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WOMEN KNOW, far better than men, the toll that dirt takes of the contents of a house—how soot and grime injure draperies, upholstery and rugs, how greasy vapors shorten the life of painted and papered surfaces, send curtains and dainty finery to cleaner and laundress too often for their best good. Women see that the "first cost"—the cost of fuel—is only one part of the expense of heating a house.

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THE BRYANT HEATER & MANUFACTURING CO.
17876 ST. CLAIR AVENUE - CLEVELAND, OHIO
THE QUIET OF THE COUNTRY

The sun-dappled walls, the open door, and the little mat of this American home described on the following pages, all suggest the peace and contentment of life in the country.
Along the road to yesterday

We pay a visit to a little "salt box" house

ELIZABETH H. RUSSELL

Jane White Lansdale, decorator

UP THE winding Long Ridge road from Stamford, Connecticut, are many quaint white farmhouses under spreading maples and elms, set in deep green dooryards amid gay, old-fashioned flower gardens filled with larkspur, hollyhocks, gladiolus, dahlias, striped grass, and all the other sweet summer favorites. A drive up this road gives us a panorama of southern New England with its uplands and valleys dappled by the great white clouds that cast purple shadows over the scented hayfields. Through openings in the rolling Westchester hills we see little pastorals of misty vales and still blue waters—scenic jewels that inspired the "Hudson River School of Painting" so beloved of our grandparents.

The little "salt box" house we have come to visit stands alone in a grassy dooryard on the right-hand side of the road just before you come to the New York state line, and has all the air of dignity and self-respect those old builders knew how to give to even a tiny house. It has a central chimney, a sloping roof, a hospitable open door and a doormat in which is woven in bright letters the word that expresses the intimate feeling of the house—"Welcome."

The lawn of turf is neatly clipped, and runs down to the hayfields in back of the house. Here one may sit under arbors hung with ripening grapes, or beneath the spreading apple trees, and enjoy the views of the quiet country which lies on all sides. Beyond the stone wall is a white "spring house" and near the end of the pergola a mossy well tempts you to break the surface of its miniature blue sky, and be rewarded by a drink of sparkling cool water. From the foot of the great maple tree on a hill beyond the fields a glimpse of the ocean "down Stamford way" may be seen, so one of the men piling hay told us.

Grape vines, rambler roses, and late honeysuckle climb over the stone walls, arbors, and pergolas, and clothe the sides of the house itself. Close bunches of green grapes hang everywhere, and augur a plentiful supply of grape jelly next winter our hostess says. We beg to be allowed to come and help the day the house is to be filled with the grapes' pungent fragrance. Both house and fields are full of sweet odors to-day for the breeze brings the scent of the hayfields mingled with the languorous perfume of the creamy-white honeysuckle.

A stone which has been hollowed out by nature forms a rustic birdbath under the trees, and the tall blue spikes of the larkspur rising above banks of vines indicate the location of the old-fashioned flower garden.

No one knows the exact history of this little house which speaks so plainly of having been a comfortable and well-beloved home. Here are worn thresholds and wide fireplaces whose aged bricks and cranes show that they were the centers of the household for many years, and provided the heat for cooking as well as for cozy gatherings on winter nights. The dark rafters and wide floorboards give evidence that the house is well over a hundred years old. Its owners
The great fireplace with its crane and trammel hooks and deep oven built into the wall of the "Long Room" proclaim this room the former kitchen of the old house. It is now the dining room and has a yellow paper copied from one in the Metropolitan Museum.

Below is another view of the "parlor," now the "North Room" of the remodelled house. The flowered wallpaper has a background of pale green, matching the woodwork and the window draperies. Pale orange glazed chintz covers the wing chair.

As we step in at the front door we find ourselves in one of the tiny hallways beloved of New England builders, with a large, low room on either side. There are two doors in the woodwork of the hallway, one leading "down cellar," and one up a flight of shallow steps to the two chambers overhead. A low maple table here is set out with night candles in pewter sticks and sconces, while the green foliage of the trees outside is reflected in the Colonial mirror on the wall.

The room to the left of the door is called the "North Room," and it is a delightful little New England "parlor" with the woodwork all painted pale green, and on the walls a charming wallpaper whose background exactly matches the paint, and whose design is a bright intermingling of field and wild flowers, poppies and cornflowers, convolvulus, vetch, trailing periwinkles, and soft grasses. The furniture is all cherry and pine, with the exception of two wing chairs which are upholstered in pale orange glazed chintz, finished with tiny green frills. The long window draperies are of the same pale green, finished with corresponding frills in pale orange to match the wing chairs and to bring together the colors of the room. A quaint grandfather clock in pine ticks away the hours on a beautiful parchment-colored face whose decorative figures are embellished with naive moss roses and leaves in soft colors.

There is a drop-leaf, duckfoot table in cherry, a fine old secretary with deep drawers, and several incidental tables in different designs. One holds a very rare and fine globe of...
the world, in a wooden frame which shows all the signs of the zodiac and gives much astronomical information on its flat upper rim. There are silver luster candlesticks and a tall flip glass on the narrow mantel shelf, with graceful hurricane shades over the candlesticks to protect the flames from wandering breezes. One corner of the low room is completely taken up by an open cabinet, painted green like the woodwork, and filled with ranks of French peasant pottery embellished with gay cocks and sprays of brilliant flowers, and with Wedgwood and Staffordshire cottage china which give a charming air of hospitality and cosiness.

The "Long Room" at the rear of the house was presumably the kitchen many years ago, for we still find the great open fireplace with crane and trammel hooks, as well as the original stone hearth, and a deep oven built into the masonry of the wall. Now it is the dining room of the cottage, and is papered with a wallpaper which is a reproduction of an Early American one in the Metropolitan Museum, on whose background of sulphur yellow are sprinkled white polka dots and the brown leaves of oaks and poplars. This paper makes a delightful background for the Early American pieces with which the room is furnished, a settle, a long trestle table with a low bench on either side, and an open dresser filled with pewter mugs, plates, and porringer. Stoneware jars and crocks still stand on the great hearth just as they might have done a century ago, and we peer into them to see if yeast, or "salt risings" are still here, but find pine cones for the open fire.

More pewter is on the mantelshelf, and reflected in the polished trenchers are tiny pictures of the small-paned windows opposite in their gorgeous (Continued on page 56)
Sometimes very cozy effects are achieved in a corner by placing there a group of furniture consisting of a large upholstered chair, a reading lamp, and an end table. When the shade of the reading lamp stands high, it may be put on one side of the chair and balanced by a picture hung on the opposite wall. A small footstool and a smoking stand add to the comfort of the composition.

Triangular corner cabinets may be either built in from floor to ceiling or they may be ready-made pieces of furniture constructed to fit into corners. The purpose of these cabinets is usually to hold china or bric-a-brac, and so they are both charming and useful in Colonial dining rooms or informal living rooms. A small rug in front, a side table on one side, and chair on the other complete an attraction, well-balanced picture.
THE CORNER COMES INTO ITS OWN

And becomes an integral part of the room

Suggestions by Edward Longstreth
Sketches by Frank Fleming

A grand piano is very effective when placed with the keyboard in the corner at right angles to one of the diagonals of the room. Then the box points toward the center of the room and the effect of the whole is in balance. A small chair may be used to fill the concave bend in the side of the piano.

Open bookshelves built from floor to ceiling make a colorful, warm background. Placed in the angle of the shelves, facing toward the center of the room, a low chair with a small table on one side and a lamp on the other completes one of the most comfortable and decorative corners a room can have.

A corner cabinet for decorative ornaments with balancing silhouettes on either side; a desk with map above it to balance the large window on the adjoining wall; a grandfather clock; a cozy corner fireplace; and a charming little triangular dressing table, all suggest many interesting ways of decorating a corner and bringing it into the whole scheme of a room.
Color is an outstanding essential in selecting fall appointments for your bed. An ensemble in green and white for a country home shown above includes a green blanket, green and white toile comfortable, green and white toile bedspread, and white sheets with green hem. For a more formal setting some suggestions in mauve and yellow are: mauve and yellow reversible blanket with low-tone binding, mauve and yellow reversible comfortable, mauve jacquard rayon and rayon satin spread, and mauve or yellow sheets.

ENSEMBLES FOR THE WELL-DRESSED BED
Pottery that pleases

Beauty created by American potters

DOROTHY STACEY BROWN

ANYONE who surveys the present range and variety of American-made tableware, decorative pieces, and household utility wares as shown in the shops, might be surprised to learn that less than a hundred years ago American pottery of all kinds was very poorly regarded as compared with European wares; many merchants who wished to be thought dealers in goods of quality refused to handle pottery whose mark revealed a definite American origin. Although pottery was made in this country as early as the seventeenth century, so many failures resulted from the need of importing expensive foreign labor and from bad management that it was not until after the great exhibition of 1876 that American pottery began to take a place in the sun.

The pottery made in America to-day, if we take the word in its widest sense as meaning objects made of clay and hardened by fire, covers an immensely varied field. It includes fine dinner sets and the heaviest and most substantial tableware, exquisite decorative pieces, vases, lamps, bowls, candlesticks and book-ends, heavy kitchenware, garden pieces, even tiles for building and decoration.

Someone has said that a good pot is one that holds water; it might be asserted that holding water is one of the outstanding characteristics of American-made wares. In other words, from the humblest mixing bowl up they are of uniformly excellent quality, resulting from the highest degree of scientific accuracy as applied to the blending of the kaolin, quartz, feldspar, and other materials, and to the regulation of temperature in firing. The bodies are tough and durable, and the glaze of the teacup does not come off in the tea, as sometimes happens in imported wares which are more decorative than practical.

These good qualities do not mean that the beauty of the wares is sacrificed; the shapes, glazes, and decoration show that art is entering even into articles of daily use. Lovely effects are being obtained by the use of mottled and two-tone glazes, by velvety mat glazes in solid colors, and by streaming glazes in which one color (Continued on page 50)
On this page are shown two views and the floor plans of the home of Mr. A. T. Traylor. In the picture above we see, at the right, the garage wing which is, approximately, the northern corner of the house; next, the decorative tower, used for closet space; the front door; and, at the left, the screened porch which is, approximately, the eastern corner of the house. This house is estimated to contain about 13,500 cubic feet and could be built in the New York area for probably $8,000.

Mr. Traylor's house has four rooms, a large living room, kitchen, bedroom and bath on the first floor and a good-sized bedroom and bath upstairs. The living room is two stories high, and has a balcony at the second floor level. Notice that although these two houses are very small indeed they are good architecturally and the plans are neither hackneyed nor crowded.

Houses in semi-tropical sections of the country do not have the same structural details as those in the north. For instance, the southern house can do without cellars, heating plants, and heavy walls. It is therefore possible to build them more cheaply. Furthermore, building costs are lower in the south. At the left is shown another view of the front of Mr. Traylor's residence. The handling of materials, stucco, timber, and rough siding, is particularly good in this house.
The two houses pictured on these two pages are situated at Winter Park Ferneries, near Winter Park, Florida. Houses similar to these sold last spring for $1,500 to $3,500, including an acre of ground. The attractive cottage shown above is the winter home of Mrs. Helena K. Smith, of Dobbs Ferry, New York. It contains approximately 10,200 cubic feet. The floor plan is shown at right.

SMALL ESTATES IN FLORIDA FOR $3,500

Designed by JAMES GAMBLE ROGERS, II, architect
A small house by a famous architect

The building and landscape plans of the house illustrated on the cover and in the next four pages of this issue fully described

It seems hardly necessary to introduce to our readers the artists who collaborated in the design of this beautiful small estate. "The Office of John Russell Pope," which is directed by Mr. Pope himself, Otto R. Eggers and Daniel P. Higgins, is one of the most important architectural offices in America today. The Roosevelt Memorial to be built at Washington, the Marshall Field estate built on Long Island and the Montfaucon Monument on the battlefield in France are three recent designs for which the office is internationally famous.

Ferruccio Vitale and Alfred Geiffert, Jr., direct a firm of landscape architects which is equally preeminent in its field. Lurelle Van Arsdale Guild is a well-known artist and interior decorator of New York. Some of his work has previously appeared in the pages of this magazine.

The model of the house and grounds was made for us by Mr. E. T. Howes and is a beautiful reproduction, exactly to scale, of the building and landscape designs. Even the mortar joints between the bricks in the wall are colored and impressed just as they would be in a real house.

It has been many years since Mr. Pope, or his associates, bent their architectural energies to the design of a small house. Their drafting boards are always crowded and they are not able to assimilate the large number of small house orders which would naturally be theirs. They are not, therefore, small house architects. However, the problems of the small residence are those of the large one intensified, and we offer this material to our readers as an example of what the small house can be if the plan is carefully studied and the design carefully worked out.

The architect took as a prototype for his American Home house one of those brick Colonial houses built about 1740 in the south, in the vicinity of Yorktown. The most noteworthy thing about it architecturally is the elegant simplicity of its mass. This means good proportions and a sparing use of ornament. The house consists, chiefly, of a rectangular block. This is the typical Colonial, or Georgian, shape. The problem before the architect is, how to give grace to this block and, at the same time, not to detract from the dignity of its simple, honest lines. Too much ornament means confusion, a restless picture; too little means austerity.

The architect took a leaf from the Colonial designer's notebook and clipped the peaks of the gables. This was a common treatment of the gables of southern houses of this type and it has the effect of reducing the apparent height of the roof and making the main block seem less angular. Another feature which is typically southern is the use of chimneys at either end of the house, projecting slightly from the wall and lending interest to the side elevations. These were handled most skilfully in the American Home house, being of just the right size.

Proportions are, after all, the real test of the architect's skill. Chimneys too big make the house seem skimpy, windows too small make the mass overpowering, obtrusive dormers destroy harmony and large scale ornament results in confusion. The architect designed for our house a simple doorway which is exactly suited to its position. It does not strain after a Colonial effect as many doorways do; at the same time it is not so simple and forbidding as some doorways in old New England. It is inviting and gracious.

The garden side of the house is of course more intimate and less impersonal than the front. This is the "living" side. Here is the porch, overlooking the lawn and garden; here are the French doors into the living-room; also the dining-room bay; and, upstairs, the bedrooms and the balcony of the master's bedroom. Here the brick walls give place to a less formal shingle treatment and a little metal roof makes a fan design over the dining-room bay.

The landscape architect has taken the living room and dining room and, of course, the master's (Continued on page 54)
Above is shown the garden side of the house which was designed for us by the Office of John Russell Pope. On the cover of this issue is shown, in color, the front of the house. The architect estimates the cubical contents at about 29,000 cubic feet and in those sections of the country, such as the New York area, where this type of construction costs 60 cents a cubic foot, the house could be built for about $17,400. It would cost less in most parts of the country. The living-room porch, the balcony of the master's bedroom and the dining-room bay are shown in the drawing above between the two apple trees, skilfully placed by the landscape architect. A complete description is given on the opposite page.

The first floor plan, at left, is worth studying. The living room is properly proportioned, its width being about two thirds its length. The interior treatment of this room, and of the dining room, is shown on page 30. French doors open on the arcaded porch from the living room and dining room. The kitchen has two exposures, northeast through the small porch and kitchen door, southeast through the window over the sink. (Compass directions are given with the landscape plan on the next page.) The maid's bath has a window in the furnace chimney. Stairs marked "down" lead to the cellar, a plan of which is given on page 54. The second floor plan is reproduced on the opposite page.
The landscape architect designed two planting plans for the American Home house: one for an estate south of the Mason-Dixon line, and one for a northern site. The following is the keyed list of plants and flowers for northern planting (the second number on the plan refers to the quantity of plants):

**EVERGREEN TREES**
1. White Pine
2. Canada Hemlock

**DECIDUOUS TREES**
3. Glossy Hawthorn
4. Apple
5. Apple espalier
6. Pear
7. American Elm

**EVERGREEN SHRUBS**
8. Snow Azalea and Mountain Laurel
9. American Arborvitae or Common Privet

**DECIDUOUS SHRUBS**
10. Japanese Yew

**VINES**
11. Trumpet creeper
12. Winter creeper
13. Periwinkle (ground cover)
14. Grape
15. Wisteria (mature vine)

**PERENNIALS**
16. Hollyhocks, cream; Aster Climax
17. Hollyhocks, pink; Aster Climax
18. Hollyhocks, maroon; New England Aster
19. Shasta Daisy
20. Japanese Iris, lavender
21. Japanese Iris, lavender
22. Regal Lily
23. Globe Flower
24. Larpente Plumbago

**ANNUALS**
25. Salmon-pink Zinnias

The following is the list for the southern garden. The plan is exactly the same as for the northern garden except in this respect: the Lebanon Cedar occupies the position of the central (Continued on page 34)
At the left of the driveway is a thick hedge, while at the corners of the lawn are clumps of mountain laurel and azaleas. The western sun throws the shadows of the tall elms on a warm, gray slate roof. Japanese yew is used for foundation planting, and a trumpetcreeper will, eventually, climb over the pretty arch of the door. In the background one catches a glimpse of glossy hawthorns and an apple tree.

As described in the article beginning on page 26 and illustrated in color on the cover of this issue, the house is of a pinkish brick with shutters either green or ivory white. The woodwork is white, the slate roof gray. The view of the house shown below is from the southwest. The lot itself is 75 x 150. A privet or arborvitae hedge, high enough to insure privacy, hides the front lawn and Canada hemlock is used around the apple trees at the rear of the house. A tall hedge of lilac completes the boundary planting down to the white pines at the end of the garden. The garage wall, shown in the background, should have espaliered apple trees covering its surface.
The dining room bay in the house designed for us by the Office of John Russell Pope is shown above. The decorator suggests that the woodwork be enamelled white and the plaster walls be tinted a very soft mulberry color. A Persian rug is on the floor. The arched French door opens out on the porch and another arched door, not shown, opens into the living room.

Below is shown the western corner of the living room. Here the decorator suggests the use of a tan toile wallpaper which would contract harmoniously with the apple green woodwork. The curtains are a maize taffeta, while the sofa is in tones of green. Plans of this room and the dining room, above, are given on page 27. The furniture in the living room is mahogany.
Are you planning to move?

Safe transportation for your household possessions

MOLLIE AMOS POLK

IN THIS restless age when big companies have a habit of transferring their men from office to office as conditions change, American families have come to take sudden upheavals and movements as a matter of course. Even when we shift from city to city and from house to house, however, we cling to our household possessions for the background of familiar china and furniture seems to give us a sense of stability which is very pleasant after the uproar and confusion of moving.

But, if our household possessions are to come through the ordeal of moving unscathed, it behooves us to pack them correctly ourselves or to know enough about the process to be able to watch the transfer company’s men with a knowing eye. And so, if you are planning to move, look into the matter of truck versus railroad moving, consider the matter of lift vans, be sure that you understand the terms of your trip insurance policy, choose a moving and storage company which is financially responsible to handle the affair and then—pack your own china!

BEFORE you call in the moving man, however, take stock of your possessions and weed out the things you have never cared for particularly. It will cost about ten dollars in crating and freight to move that old wing chair, for instance. Is it worth it? The chair is, to be sure, comfortable, but it is not and never has been a particular favorite. Now it has become shabby and must be re-upholstered before it appears before the gaze of a new circle of acquaintances. The few dollars which it will bring from the second-hand furniture man, added to the saving in freight and the possible price of a new cover might better go toward buying a new chair.

At the same time scan the china and kitchen equipment with a critical eye and then leave behind all the superfluous muffin tins, tricky egg poachers, and sauce boats which are never used. If this matter can be attended to before the actual moving day, expensive time and temper will be saved and you will, furthermore, be less likely to arrive at the new home still in possession of a choice collection of white elephants lovingly tucked into the moving van by some overly-conscientious packer.

After this preliminary skirmish you will be ready for the serious business of china packing and you will find, unless your time is at a premium, that it will pay to attend to this matter yourself, for you will save money and, in all probability, do a better job than most professional packers. It requires patience, but no special ingenuity to pack china securely for shipment by rail, truck or van.

CLEAN newspapers, a roll or two of bright red crêpe paper and sugar barrels are the needed equipment. The barrels may be purchased in chain stores, but you will have to put in your order about three weeks ahead of time for the local manager must get permission from his district manager to sell his barrels instead of returning them to the warehouse. Or they may be purchased from the warehouse company for about two dollars each. On the whole, this may be the easiest way of getting them for the moving man can bring you three or four when he comes to look over your possessions and make a preliminary estimate of your moving costs.

Newspapers are better for wrapping china than either sawdust or excelsior for they are easily cleaned away after the unpacking process, and experience shows that they are the most efficient safeguards against breakage to be had. Use plenty, but discard the rotogravure sections which crack and tear easily. The red crêpe paper is to be used in wrapping little things such as teapot lids, butter chips, and the like which might easily go unnoticed and be thrown out with the packing materials if there were nothing about them to catch the eye.

PUT an old sofa cushion in the bottom of the barrel to act as shock absorber, then pad a ring about two feet high around the sides of the barrel with crumpled paper and you are ready for the first layer of china. Start with the large platters, wrapping each piece with plenty of paper (three or four double sheets are not too much for a turkey platter). Stand the wrapped platters on edge around the sides of the barrel, bracing them with more crumpled paper so that they cannot shift back and forth or bump each other. Next, take a stack of dinner plates and wrap (Continued on page 66)
Efficiency spells economy

Especially in electrical equipment

JOSEF W. VON STEIN

IT IS not an uncommon experience to find displayed on adjacent counters in an electrical store regulation toasters priced at five dollars or more and toasters similar in appearance and design costing less than a dollar. The latter are marked as "special" bargains. Why should we not avail ourselves of this excellent opportunity to save money? We have never heard of chicanery in this comparatively new field of electrical merchandising, and we are inclined to believe that if the apparatus works, if the electrical grid gets red hot, it will suit our purposes perfectly.

There is a tremendous amount of ignorance among people on the subject of electrical merchandise. Cheap electric light bulbs, plugs, heaters, and even washing machines are bought daily merely because they perform as advertised on a first test. The fact that such shoddy equipment is a prime cause of fires and serious injuries is not well enough known. Even if the appliances work, they do so at an increased rate of power consumption and the maintenance bills are higher than they should be.

One difficulty is that most people do not know what to look for in electrical equipment. When the salesman shows us a nicely plated toaster and lets us feel the heat generated by its grid, we feel satisfied. What more could we ask?

First of all, we should look for the manufacturer's trade-mark. If it is a familiar name, that is usually sufficient assurance that the appliance is dependable. Besides the trade-mark we should look to see whether the appliance, if it has a motor, is marked AC or DC, for alternating current or direct current. Some appliances are designed for use only on one or the other type of current, not on both. The normal rate in volts and amperes or volts and watts is usually given on the manufacturer's name plate, too.

If you wish to prove to yourself why one appliance sells for one dollar and its seeming counterpart sells for at least five times as much, you can apply some of the tests described in this article.

Temperature is a factor of prime importance to be considered in all appliances. Many a highly polished table-top or fine linen cloth has been ruined by high temperatures under poorly constructed toasters, table stoves, grills, and similar devices. We can test, with our hands, temperatures at important points such as the legs of stoves, bases of radiant heaters, and stands for electric irons. Some of these stands are permanently fastened to the heel of the iron in such manner that we can balance the iron upon this "heel rest" and the end of the handle; or the stand may be a separate device upon which the iron rests flat. In either case, it is important that the stand be properly constructed or insulated so that it will conduct a minimum amount of heat to its points of contact. Unbelievable as it may seem, the Electrical Testing Laboratories have found cases where temperatures of legs of table-stoves registered over 300 degrees, while the temperature of a table-top beneath an appliance has reached the amazing figure of 424 degrees!

We should also make sure when buying an electrical appliance, that a minimum of heat is transmitted to handles, knobs, and other parts we are likely to touch. This is especially important in such appliances as toasters which must be turned by hand. Also, most radiant-heaters have handles to permit moving them when in operation; but too many times this handle is so uncomfortably hot that it is useless. These important facts can easily be determined, if we take time to heat the appliance before it is bought.

In the case of irons, although the handle may remain comparatively cool, an excess amount of heat may be radiated from the iron itself so as to cause discomfort to sensitive fingers. Therefore, we ought to hold the iron and go through the motions of ironing for a few minutes, while the current is turned on. In this way we can also make certain that the "feel" of the iron is satisfactory. This intangible quality depends upon the shape of the handle, the balance of such features as the thumb-rest, and the actual weight of the iron itself. A six-pound iron is the usual domestic size. In an "automatic" iron the temperature range is controlled by an auxiliary switch on the iron. Or "automatic" may mean that the iron has a safety device that turns off the current before a dangerous temperature is reached. Certain irons have an automatic switch which is embodied in the appliance plug and is not an integral part of the iron.

But automatic or not, there is one quality of prime importance to all irons. Is the heat in the sole plate properly distributed? A comparatively simple method of determining this is to place the heated iron on a piece of blotting paper for a moment or two. The degree of scorching will enable us to determine whether the hottest portion of the sole plate is, as it should be, at the tip.

Our individual culinary tastes may vary as to the degree of crispness or dryness of toast; but upon one thing, at least, we all agree—our toast must be uniformly browned. To insure this, apply the "blotting paper test." Or, if possible, use actual slices of bread in testing the toaster since blotting paper is likely to ignite. As for styles of toasters, some of us may prefer the simple type in which each side of each slice is toasted simultaneously. These appliances, of course, include those known as "sandwich toasters," in which ordinary toast or complete sandwiches with filling can be made. Some toasters, termed "automatic," have a mechanism for automatically turning off the current after a predetermined time; and some will signal this fact either by ringing a bell, or partly ejecting the finished toast. Others, also known as "automatic," permit the carriers to be reversed by merely pushing down a button. Some toasters keep the toast warm after it is made. (Continued on page 52)
Reading across this picture, from left to right, in the top row we find first a toaster or grill with three heat possible, next an egg or mayonnaise mixer with two bowls, and, at the extreme right, an automatic toaster. The middle row displays a sandwich toaster, an automatic egg-boiler, a combination food and bottle warmer and a corn popper. The lower row has at the left a smart electric teakettle, next an automatic iron, and a round waffle iron that may be used as a grill, and, at the right, a coffee percolator. (All by courtesy Hammacher, Schlemmer Co., Inc.)
A design by Thorea Kilham is brilliantly carried out in this wall-covering which makes a superb modern mural. It has an ivory background with flowers in rose, jonquil, and greens. (Permatex Prints, courtesy, Richard E. Thibaut, Inc.)

Gay field flowers in delicate tones of pastel rose, tan, and mauve, with foliage in soft greens and taupes cover the surface of this washable wall-paper which may be kept fresh and spotless by simply wiping it off occasionally with warm, soapy water. (Courtesy, Richard E. Thibaut, Inc.)

A pastural in green on a white background is typical of the swift movement of modern decoration, and would be very appropriate in a modern country house. Comes in violet, reddish rose, or green, on white. (Salubra, courtesy, Gimbel Bros.)

WASHABLE WALLS

Soap and water keep these materials fresh

A brilliantly patterned oilcloth depicts in an amusing modern fashion the jungle whose name it bears. It is an exotic design of tropical flowers and foliage in orange, jade, violet, and rose. (Meritas by, courtesy of Standard Textile Products)

A smart modern wall covering, waterproof and sun-resisting, with a permanent, lustrous finish. The plaid design shown is in tones of pale rose, soft buff, and white on a dove-gray background. (Permatex Prints, courtesy, Richard E. Thibaut, Inc.)

A “sun tan” background with native flowers in orange, periwinkle blue, and jade green in a sketchy landscape. (Courtesy, Richard E. Thibaut, Inc.)

Black and white has a chic of its own. Walls covered with this new material will not have to be renewed for years. (Salubra, courtesy, Frederic Blank & Company)
We have by no means seen the end of the tide of color that has swept into our houses and made them such cheerful, charming dwelling places. Even the food we eat may now be colored. Here is a setting for a rosy bridge-luncheon, the menu for which is given in the accompanying article.

**Colorful collations**

*Food, linens, and accessories that harmonize*

PIERRE DUTEL

We cannot call upon our wit to entertain our friends," quoth Mr. Emerson, "and so we buy ice cream." If we plead guilty to this charge, all the more needful that the ice cream at least be very, very good and the serving of it as delightful and as original as possible. Those who do not run to brilliant repartee may justly occupy their minds with more material beguilements, and then if perchance some guest turn sparkling and infect the mood of the table, what a super-entertainment will have been had!

So, let us consider the possibilities in color schemes for luncheons and dinners—especially important occasions now that entertaining is to return to the home. Yes, the decree has gone forth. Restaurateurs tear their hair, while prospective hostesses beat their foreheads for schemes that will be individual and charming. Consider the possibilities of green dinners, where everything—food, linen, accessories—are all of a cool green tint, or possibly pink dinners; or black and white luncheons. What would be more charming?

A green dinner is not hard to accomplish if one has a cloth of pale green, and service plates of green, or white with a green band, or green and silver. A green bowl filled with fern and white flowers might center the table, flanked by tall candlesticks of silver with green tapers and such other table ornaments of a matching hue as may be available.

The menu for the green dinner starts with an iced fruit cocktail topped by green maraschino cherries. A green soup follows made with watercress and potato, or a cream of spinach, or asparagus, or green pea soup. After this, whitefish with green horseradish sauce and potatoes persillade. Spring lamb might be the roast with mint jelly, mashed potato cups filled with peas, broccoli, string beans, or asparagus with hollandaise colored green also. Colorings for the hollandaise or other sauces may be bought in packages and are entirely tasteless and easy to incorporate in food just before serving. A cucumber salad in green jelly on
As described in the article, if one had a breakfast set in yellow or yellow and green, one could arrange a breakfast that would be a good send-off for any weekend visitor. Honeydew melon, eggs, corn cake, yellow sugar and the yellowest butter would all find a place on the menu. Lettuce leaves garnished with rings of green pepper might be served. Frozen mint ice or pistachio ice cream, with lady fingers frosted in green; and coffee with green dominoes would complete a repast verdant enough to suit any son of Erin or even the venerable St. Patrick himself.

Let us discuss a bridge-luncheon and determine to do the whole thing in pink. How much rosy food there is to be had after all! A table with a glass top would be ideal for such a luncheon, reflecting a center of branches of apple blossoms or a low arrangement of pink and white tulips in moss.

The menu for this rosy repast might commence with a watermelon or strawberry cocktail, followed by borsch, that pinkish Russian soup; salmon, hot or cold, with a pink cream sauce; next baked ham, stuffed with spices and served with sweet Madeira sauce, supported by beets and carrots, and paprika potatoes, and followed by a salad of shrimp or shredded lobster mousse on lettuce. Dessert offers several possibilities: strawberry shortcake, raspberry ice, rosily tinted bavarian cream or charlotte russe, ice cream in pink frosted angel cake baskets, and coffee in little pink cups with rose-tinted sugar crystals or pink domino sugar.

If one has succumbed to the lure of the new black and white china and glassware, and perhaps the new black and white tablecloths and napkins as well, one can plan a luncheon, or dinner, in black and white that is sure to place one at the social peak of the neighborhood.

The center of the table offers a chance to use black tulips or pansies growing in little white cachepots of porcelain, or cut and placed in an opaque white bowl. If black flowers are not available, use flat white ones in a black glass floater. Amusing little figures in black and white glass, posturing about in any table space that may offer, would add a modern note, and are not too expensive. (Continued on page 74)
That room with the gas chandelier

Some suggestions for bringing it up to date

TYLER STEWART ROGERS

How many home owners have studied with delight the charming decorative schemes suggested by clever interior decorators so frequently published in current periodicals, and then have looked with dismay at the rooms they would like to rejuvenate! "The room with the gas chandelier" epitomizes many millions of rooms in homes that have gradually fallen behind the times. To be sure, the gas chandelier marks an era that closed nearly two decades ago, and there are many rooms that to-day need rejuvenation to be found in houses only ten or fifteen years old. Few people realize how much the gas chandelier influenced American architecture. It forced the use of high ceilings even for small rooms, because the chandelier had to be above the head-line and yet the jets had to be about two and a half feet below the ceiling to prevent its disfigurement with soot stains. Many rooms are difficult to redecorate attractively in the present mode merely because their ceilings are so high in proportion to the other dimensions.

And again, how many home owners have been inspired by attractive decorative schemes to adapt them to their own needs, only to be deterred by the lack of practical information as to the methods of accomplishing the desired results! The purpose of this article is to deal with the very practical aspects of rejuvenating and redecorating the out-of-date room that often appears so hopeless. Other articles to follow will take up some of the more complex problems of replanning and remodeling obsolete homes.

Let us picture the type of room which appears difficult to adapt to modern decorative treatments. It probably has a high ceiling, eight and a half to nine feet (or even more) from floor to the plaster line. It may be somewhat irregular in shape, its walls cut into by projecting partitions, or by a bay window unfortunately placed and out of proportion to the scale of the room. It probably has mid-Victorian woodwork, dark-stained or varnished in a color once called golden oak. It may be a Mission dining room with its Rathskeller plate rail and its wainscot of vertical strips of fumed oak interspersed with panels of heavily-molded wallpaper. It may not be so old as these word pictures connote; perhaps the room is merely an expression of the average carpenter-builder architecture of the present day; and yet there may be obvious need for a few relatively drastic changes to adapt it to the desired decorative treatment. Whatever the nature of the existing room, the methods employed in its rejuvenation are essentially the same. By taking up the elements one by one, this discussion should prove helpful in any undertaking of this nature.

The first step is to remove the unwanted details. All the old fixtures should be taken down and the gas line capped above the ceiling. Old paper should be scraped off, and trim that is not to be used again completely removed. It is rarely possible to salvage much of the old woodwork or other decorative material. Not only is it completely outmoded but the labor required to put it in shape is usually as expensive as new material would be. All loose or damaged plaster should be torn down. This is the dusty and dirty part of the operation, and if the family can be away during the interim and all of the furniture stored under dust-proof covers in other rooms, it will be best for the owner's peace of mind. Incidentally, it is usually wise to give the workmen a free hand during the whole operation. Curious children, and equally curious adults, slow up the work and add to the cost. A vacation, or a visit with relatives, is in order during the renovation.

Any structural changes required should be made at once. This will include straightening the walls, changing the position of doors and windows, reconstructing the fireplace or hearth, the relocation of radiators (or the construction of recesses for modern concealed radiation), and the completion of similar major alterations. Where these structural changes affect an adjacent room or the exterior walls, there will be need for a certain amount of extra patching or redecorating which must be planned as part of the project.

While the room is undergoing these major alterations, the wiring system should be modified to suit present-day requirements. Perhaps the ceiling fixture will be abandoned altogether and new outlets inserted in the walls for bracket lights. There will be convenience outlets to be inserted in the baseboards, switch controls to be relocated for maximum convenience, and it may even be possible to insert radio wiring. Now is the time, too, to arrange for new telephone outlets so as to avail yourself of modern telephone convenience. Several extensions in a small house are not too many. Bear in mind that electrical outlets to-day should be placed in every section of the baseboard more than two or three feet long. Any section of the wall space that can accommodate one or more pieces of furniture needs a convenience outlet for a lamp, or some other electrical device.

All of these changes will involve more or less injury to the existing plaster on walls and ceilings. Unless all of the old plaster is in such poor condition as to warrant complete removal, there will be some patching to be done as the next step in the operation. A certain amount of judgment is required in this matter, because extensive patching is just about as expensive as a complete, new plastering job. This is because the plasterer must use exceptional care and skill in matching the new work to the old, and must take pains to prevent the appearance of cracks where the two areas meet.

If the situation seems to favor completely new plastering work,
the owner should also consider the use of a new plaster base, removing the old wood lath unless it is in excellent condition and employing metal lath, the new fibrous-backed fabric, or an approved wallboard, the joints of which are covered with metal lath or wire mesh. Another advantage of removing all of the old plaster is the opportunity it affords for insulating the outside walls with some form of mineral wool, gypsum wall filler, or an approved insulating blanket or board. This work can also be done without removing all of the plaster by merely punching holes in the plaster between each stud and blowing the filler into the wall space under air pressure. The preferred method thus is to entirely replaster the room, unless the alterations are of such a minor nature that patching is reduced to a minimum.

However, there is another method entirely avoiding replastering and patching which involves the use of some one of the modern wallboards of decorative type that are made for application over old plaster. This material is manufactured in panels and sections of various patterns and sizes to give the effect of a relief ceiling or paneled walls. The boards are nailed directly over the old plaster and are then painted and decorated in the usual manner.

The existing trim usually presents an important problem. If it is of stained or varnished wood and the new decorative scheme calls for painted trim, the alternatives are either to remove the old finish entirely—a very tedious and difficult job—or to discard the old trim and apply new. It is difficult to get a satisfactory paint job over old varnished work, because unfortunately no chemist has yet discovered a material that will either remove varnish easily or prepare it to take a paint or enameled finish without subsequent cracking and peeling. If the trim is of poor design, the only cure is to replace it with modern stock patterns.

Perhaps the new decorative scheme requires the use of vertical pine paneling in the old Colonial manner, or the installation of a wood wainscot of more formal character. In such a case, it is seldom necessary to replaster under the areas where the wood planking or paneling is applied. Nailing strips can be cut into the old plaster walls and the plaster roughly patched against (Continued on page 64)
Convenient closets worth looking into

Boxes, ingenious fittings, and decorations that rival the spectrum

CLEMENTINE PADDLEFORD

The bedroom closet has evolved from a mere hole in the wall to a room of first importance. Back in the era of stays and starched petticoats the clothes closet boasted only of size—a virtue which overshadowed both efficiency and cleanliness. Spiked with hooks these gapes in the wall were dungeons black filled with stale, heavy air—a happy hunting ground for moths and mice.

Now it isn't the size of a closet that counts so much as its furnishings. Even despised cubbyholes have been made to shelter complete wardrobes from shoes and hats to lingerie. Higher mathematics, or perhaps it is merely common sense, has taught the modern woman how to use every cubic inch of her closet space.

Closets no longer sulk behind closed doors. They smile with color. When the door is open the closet is a decorative feature of the room itself. There are some so lovely and so perfect in their orderly appointments that they have no door at all. And there are others whose merry color schemes are seen through panels of clear glass, with the glass door knobs echoing a note of the color scheme within.

Yes, closets are worth looking into these days, for decorators, designers, and inventors have turned their brains to creating all manner of contraptions and tricks for keeping clothes in order. They have provided a place for everything and, with everything in its place, closets need not blush under the flare of light that floods the interior when the door knob is turned.

The light is in the ceiling in most instances, and is switched on and off by the automatic switch on the door. A push button, just inside, isn't quite so convenient, but is a next best choice. If there is no electricity you may, at least, keep a powerful flashlight hung inside the closet always ready to switch its rays into the darkest corner or depths of a storage box.

Before we start buying accessories let's consider the closet itself. Yours may be one of those pocket handkerchief squares, not big enough to put your foot into, let alone a whole wardrobe of clothes. Don't let that worry you—a little modern equipment and you have space where there was no space before; a can of paint and you have sunshine where sun can never penetrate; a few yards of chintz, a few squares of patterned paper and you have captured cheer! To brighten up the closet it is wise to start with the floor. Paint is an inexpensive way to give the needed color touch. Finished with a coat of colorless shellac you get a smooth waterproof surface which makes for easy work on cleaning day. If the floor is of a hard wood, the quick drying lacquers may be used successfully. In choosing the color, the floor covering of the room may serve as a guide.

One could write a thesis on color schemes and then leave much unsaid. So pick your colors to suit your own good taste just remembering that the closet should reflect the same color notes used in the room—whether in smaller or larger areas each decorator must decide for herself, but the merrier part of the spectrum usually scores.

One word more about the painted floor. Those who make a specialty of closet designing are using a stenciled border trim, either in a strong contrasting color, or plain black. The motif from the border is sometimes repeated in the built-in drawers and cabinet doors.

Inlaid linoleum is a dust-tight covering and a true aristocrat in the decorator's eyes. Among the bedroom designs is every boudoir color, plain or in a variety of striking combinations. The smaller designs appear to best advantage in small space, though many of the large modernistic patterns are used effectively.

With the floor decked out in a coat of color, the walls demand their due. Paper or paint—but color there must be—plain white plaster, never! If the closet floor is painted, why not paper, particularly if the bedroom walls are plain? When the bedroom is papered the closet walls look best painted in a two-tone effect to match the colors in the paper's design. When paint is used it should be of an oil base, so it can't rub off.

There are closet papers with a waterproof finish that won't fade a spot when scrubbed with soap. There are, too, genteel wall coverings that can weather the years, as well as a frequent bath, since they wash clean like a china plate. This year the designs are as modern as one would dare to choose. There are some charming florals as well as a complete
line in plain, soft colors. One closet in a New York apartment has its walls covered with a glazed chintz to match the curtains in the room. The closet accessories are in plain chintz repeating the color emphasized in the fabric design.

The modern closet, like every other room in the house, has its own furniture. There are mirrors, cabinets, racks, holders, bags, and boxes. It is no easy matter to make a sane choice, but pocketbooks and space are limiting factors that temper one's good sense. A handy man can build much of this equipment right into the walls, and that is the best way by far to utilize every possible inch of space. The furniture you buy must be fitted together carefully.

Shelves and drawers, surplus spells luxury. An overcrowded bedroom can do with one piece less in furniture if the closet provides adequate storage room for hose, shoes, hats, and lingerie. One or more sides of the closet may have a series of removable shelves where any number of odd things find a place. When a deep shelf is needed, just slip one or more shelf boards out and help yourself to extra room. One famous decorator uses removable glass shelves in the closets he designs, binding the edges with folded tape glued right to the glass.

In the man's closet sliding drawers for shirts and underwear are preferable to shelves. These are convenient, too, for lingerie, hose, and handkerchiefs. Closets too small or narrow to allow a side for shelves are most satisfactory with one or more hat shelves built directly over the clothes rod. Two or three floor drawers can then be fitted in and are easily accessible beneath the garment bags.

To protect open shelves from dust a store that specializes in model closet equipment offers a curtain protector of sunfast linen attached to a roller like any window shade. The material which has a moiré finish is treated to shed water and repel dirt, and may be (Continued on page 60).
The garden of perennials is the easiest way of having flowers in quantity, and practically all the plants may be set in the fall.

Perennial blooms for your garden

From Crocus to Chrysanthemum

GRACE A. M. CLARK

The gardener who wishes to economize in time will find the perennial garden a most satisfactory way out! It is the type of garden in which one does not have to plant seeds every year or to transplant oftener than every three or four years. As the clumps of perennials increase in size, they crowd out weeds and thus little weeding has to be done during the summer months. Early in the season, before annuals have time to grow into large enough plants to bear blooms, the perennials in the garden are perfect masses of color.

There are so many improved varieties of perennials that one has little excuse for not having a beautiful and up-to-date garden.

There are many flower societies that one may join, such as the American Gladiolus Society, The American Rose Society, The American Iris Society, The American Dahlia Society, and societies for Peonies, Delphiniums, and other special flowers, so there is no excuse for anyone who wants to be kept informed for not having the best and newest in all these lovely flowers. Each society prints (Continued on page 85).
Evolution of a rock garden-lily pool

Just piling up rocks will not be enough at all!

NAOMI SWETT-SOMMERS

TAKE all the boulders you can find, I told my son, "and cart them over to that old tree stump. After it's piled high with rocks throw some dirt over them. Then we'll have a rockery!"

Blind faith and colossal ignorance!

In some hazy way I imagined that a rock garden was composed of just rocks!

Under a scorching sun the little pink plant I stuck on top of the "rockery," lasted less than an hour. Dimly sensing that something was wrong I mournfully abandoned my "rock garden."

Later on, though, when gradually I delved into the study of rock gardening I learned, first of all, that there are three characteristic types of rock gardens—cliff gardens, wall gardens, and alpine gardens, and that each type requires certain natural conditions to thrive healthily.

The cliff type rockery, I discovered, needs a steep slope of some sort, more than three feet high, either across the front, side, or back of a city lot, or perhaps in the form of a little hill between neighboring lots of different levels.

And if the slope is very long, it should be relieved by one or more terraces provided with little flights of natural rock connecting stairs. The rock wall garden I found to be just what its name implies and requiring utmost skill of construction, since properly prepared soil must be put into it while it is being built. (Continued on page 92.)
Spring flowers from fall set bulbs

An easy and fascinating indulgence

CLARENCE F. BAKER

It is difficult to fail in the culture of spring blooming bulbs as the fragrance and beauty of foliage and flower are already stored within the ugly bulb when it is planted in the fall.

Give the bulbs a place to strike their roots to gain a foothold and secure moisture and they will do more than their share. Very simple operations only are necessary to encourage the flowers to develop their highest perfection. They may be grown out of doors in formal beds; in combinations with shrubbery or other flowers; naturalized in lawns; or forced indoors or in the greenhouse for winter bloom. Almost any color range may be secured and the many improved varieties of each species permits a wide selection of attractive color combinations.

In general most bulbs require about the same cultural treatment. They thrive best in a rich soil that is light in texture, well drained but not dry. In preparing the bed pulverize the soil deeply and thoroughly but do not bring the subsoil to the surface. Do not attempt to work the soil when it is wet and avoid the use of fresh manure. Bone meal, sheep manure, and well rotted stable manure are accepted fertilizers. Mix one of these (Continued on page 86)
Fall's the time to plant a hedge

And perhaps be unconventional in what you choose

LAURA M. BRAYTON

WHEN fall comes there is both leisure and inspiration to think of the work that may be done at this time and which will save the same number of hours in the spring when tasks are tumbling over each other to be accomplished. Fall is a good time to set deciduous trees, shrubs, etc., and to plant hedges, a pleasing adjunct to any garden, house, or grounds, as you will realize when winter comes. The hedge will be a permanent resident and must have food. Therefore, prepare your ground thoroughly. Be sure also to set the plants in straight lines. Take some pains to do this as neatness adds considerably to the ultimate result.

There is too much monotony in hedges. We have two Rose hedges which are very successful. One, a very low hedge along the driveway, is the Baby Rambler La Marne, with flowers a pretty shade of light pink. As it proves to be extremely good here in central New York, I think it would be excellent wherever a low hedge is desired. The other Rose hedge is a white flower and is a picture indeed when in bloom. This hedge is over forty years old, and I believe is the old time hardy Seven Sisters. It requires no protection in winter and bears masses of sprays of fragrant pure white rather thin petaled flowers in June. After its blossoms are spent we trim it rather formally and it is decorative during the remainder of the summer. I have read of a hedge of Gruss an Teplitz, and it should make a glorious hedge with its clusters of velvety crimson flowers.

Another floriferous hedge here (also about forty years old) is the Japanese Quince (Cyonida japonica) having flowers of brilliant scarlet with conspicuous yellow stamens appearing early in the spring. This hedge has inch-long thorns to its advantage, and the person or animal is brave indeed that attempts to penetrate a well grown portion of it. It may be trimmed to quite formal shape if desired.

Our hedge of Honey Locust which has attained good size in about four years is a great favorite with me. It also is thorny and grows very compactly, forming a fine formal hedge for our cold climate. We have it around one special section of garden and it is very effective. Its foliage is splendid when used with Sweet-peas or other flowers as it rivals the Maidenhair Fern for beauty. Near by there was a Honey Locust hedge exceedingly old, probably more than fifty years. The lower part was very stalkly and bare. It seemed as though it would be more advisable to plant something in front of it, rather than cut it back to the ground. However, it was cut back and now, the second year after, the hedge is more beautiful than ever, compact and healthy. Some of the hardier Privets do survive our winters, but the hedge perfection of Long Island is not for us.

JAPAN Barberry (Berberis thunbergi) is a fair substitute for California Privet where that is not hardy, as it can be grown to a fair height; and there is also a charming dwarf variety, the Box Barberry, that can be very useful around small beds as our grandmothers used Box or in many other ways. It has been said that this worthy subject has been used too much. But surely it makes a splendid hedge and who would be the one to go without it? These are but mere suggestions of plants actually tried—but there are dozens of others, Holly, Spruce, Hemlock, among evergreens, and Spirea, Beech, Hornbeam, and some Cotoneasters that may be worth your trial if you want something different, yet good. But, by all means, plant a hedge to enclose your garden.
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(Above) Dessert knife, dessert fork, and teaspoon, in the brilliant new "Hunt Club" pattern—a sterling as effortlessly elegant as the Hunt Breakfast itself.
Making the garden for moonlight

Some white flowers add beauty and interest

LAURA HAMMERSLEY

We see some part, at least, of a garden at nighttime, and although it must ever be that the plantings will be designed in general for their daylight glory, yet something may be said for definitely thinking of the moonlight scene in some intimate corner. Such a spot must not be unattractive by day, of course; but planned so that it is equally enchanting by moonlight. For this dual purpose, shrubs or vines and herbaceous plants that bear white flowers which will glow in the moonlight must be relied upon and, if it is to be especially alluring, have also some blossoms that are fragrant, white Lilacs starting the season. Large flowers are more effective than small ones although if the individual small flower be massed into large heads as with the Peegee Hydrangea or even the white Phloxes, like Miss Lingard or Tapis Blanc, you will get the same effect as though t were one large flower. Some people take exception to any small flower but white flowers, even though small, lend a sparkle and brilliancy to the green background of foliage that surely justifies their use for the garden to be seen by nightlight.

Both perennials and annuals may be used. Among the hardy plants which look well by night are the Anemone japonica, and the Korean Chrysanthemum, as well as the old favorite, Shasta Daisy. A mass of the white Anemones is very pretty and blooms profusely while the Daisies, if seed pods are removed, flower all summer and the Chrysanthemums bloom in the fall as do Michaelmas Daisies. If you care to plant white Dahlias, they also will flower from late August till frost. As none of these flowers is fragrant, a few annual white Nicotiana if planted here and there will give the desired perfume. I have used the white Moonflower (Ipomea bona-nox) as a splendid climbing vine with great success to cover arbors. The new crossbred seed and the white-seeded type certainly flower freely and grow marvelously strong for annuals. Unless started in boxes early in spring, it is better to buy the plants from a florist. The perfume of these Moonflowers is delightful and they also attract the large and beautiful night moths.

If you graduate your flowers, starting with high shrubbery at the back and so on down, you can finally border them with a fringe of Sweet Alyssum that makes a white ribbon winding along the path. White Phlox in clumps is quite conspicuous at night. They are pretty with the annual blue-edged African Daisy (Arctotis grandis), especially if outlined by a background of evergreens. This milk-white flower closes up as soon as the sun passes, but fits well with the general picture. Junipers are stately and their seeds always make this garden spot a birds’ feeding ground. The white fluffy hardy Japan Clematis (C. paniculata) that blooms in September is splendid to cover a fence or trellis and I know of no other white flowered perennial whose fragrance is more exquisite. Having an objective in collecting plants for the garden adds considerable zest and a hunt for albino varieties of popular and usually colored favorites will develop some fascinating acquaintances. There is the white Agrostemma, for instance, and the white Forget-me-nots and Florentine, Spanish, and Siberian Irises.

Another group of flowers stately and ever fragrant is offered in some of the Lilies. The Regal Lily naturalizes well, and is so picturesque at night. It bears flowers of huge proportions which do equally well in an herbaceous border or placed with any dark leaved shrubs. I find they thrive best in a well-drained and fertilized soil. Mine have multiplied. For a little earlier in the season there is the old-fashioned Madonna Lily.

To give this garden a truly old-world look, you can put in a white bird bath—either a marble one or, if too costly, a white cement one will suffice, and if a really entrancing effect is desired, it may be appropriate to add a statue whose snowy grace will stand out in the moonlight, and help invoke the mystery and charm of all great beauty.
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Say it with your own grown flowers

A practical work-a-day scheme for the ordinary plot

ROMAINE B. WARE

THOUGH flowers for cutting, great quantities of them, are desired by most of us, still there is a reluctance to cut freely from our own garden borders. To cut liberally from the picture garden as our needs demand would spoil its decorative effect. The ultimate solution is to have a section or garden devoted to flowers planted just for cutting. This should be not a collection of left-overs, the surplus from other parts of the yard, but a carefully selected lot of varieties, chosen for their value as cut flowers.

This is not a new idea, but seldom is it considered sufficiently. The location should be apart from the rest of the yard, separated by a division of some kind—a hedge or a vine-covered fence. Not that a cutting garden is necessarily unattractive, though many of them are. They must be efficient too—arranged conveniently for working in with the least effort and provide easy means of access to all parts.

There should be some kind of a shelter in connection with a cutting garden where the blooms may be trimmed up, surplus foliage removed, and such work done without carrying the dirt into the house.

There is an almost unlimited choice of plant material that may be included in a cutting garden. One’s personal taste will have much to do with this though there are several other factors. The season of the year during which the cut flowers are most needed is important. A successful cutting garden to provide bloom right through the season means very careful planning.

The bulbs are most important for cutting and these, even more than the average run of perennials, we dislike to cut from our borders as few of them produce more than one stalk of bloom, unlike Delphinium which will produce a second and third crop of bloom after the first is cut. Gladiolus, probably the most important of cutting flowers produced from bulbs, likewise provides but the one cutting. This should be kept in mind when planning. But a cut-flower garden made up largely of bulbous plants would be an ideal arrangement and the plan given herewith is made with that thought in mind.

THE layout naturally divides itself into two parts, the outer line of beds all around the garden and the four larger beds in the center. This particular plan is made to accommodate the varieties herein suggested and the shape and proportions of the various parts have that in mind also. The three-foot borders around three sides are of ample width to accommodate the material shown, and they are not too wide for cutting to be done without stepping within them.

A cutting garden can be of almost any size; this one is planned to occupy a space at the rear (Continued on page 104)
Ladies-in-waiting to Queen Elizabeth

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Pottery that pleases

Continued from page 23

A charming and original type of tableware has recently appeared which is inexpensive and well suited to informal use. Its interest lies in the glaze, one variation suggesting old-fashioned pottery, another the texture of leather, the skin of a fruit, or the soft lustre of some old Chinese museum piece. Solid colors—mellow green, brown, and a dull rose are used, and the only decoration is the simplest plastic handle around the handles. This (Continued on page 32)
Are You Proud of Your Table?

John Alden Dinner Table Setting

Fastidious hostesses can now buy smart John Alden or any of the other beautiful Watson Sterling Table Silver designs at remarkable new lower prices. Write us for information on the patterns that will harmonize best with the decorative scheme of your dining room.

Watson Sterling
Table Silver In Sets

New moderately priced sets of sterling table silver, carefully planned to meet the needs of every type of home.

COMMENCEMENT SET
The Fundamentals for Four
Wentworth Pattern
14 Pieces in Tray, 27.50

FOUNDATION SET
Serves Four People Properly
John Alden Pattern
26 Pieces in Tray, 49.00

SMART SET
The Necessary Pieces for Eight
Tuscany Pattern
50 Pieces in Chest, 120.00

HOSPITALITY SET
The Essentials for a Full Table of Eight
Priscilla Alden Pattern
59 Pieces in Chest, 157.00

FAMILY SET
The Complete Set
John Alden Pattern
98 Pieces in Solid Mahogany Chest, 250.00

COUPON
The Watson Company
Attleboro, Mass.
Please send me your price list of sets in the seven favorite Watson patterns.

Name
Address
THE ROADSIDE, THE TREES, THE GRACIOUS FRIENDLY HOME... ALL ARE UNCHANGED

ware is so good looking that no one could suspect from its appearance that a two-to-two-piece tea set costs only $5.95.

Nor have lumber utility pieces been neglected in the application of pleasing color and design. Pottery flowerpots and their matching saucers are made in the simplest and most logical shapes, and some have horizontal ribbing which suggests thirteenth-century Chinese gallipots with the grooves of the turning showing. Their colors—mottled, shaded, or solid—are so clear, so warm and mellow that these pieces which cost from twenty-nine cents up are a decoration in themselves, even without the plants for which they are made.

Kitchen pieces have called forth special ingenuity of late—even the heatproof wares have dropped their former dull brown and bottle-green to bloom in gay colors, with other sturdy jugs, bowls, and plates of American make have taken on attractive shape and coloring which a short time ago could be found only in high priced imports. Yet, with the practical American housewife in mind, the potter has by no means sacrificed durability to smartness, and the gay pieces are just as strong as their more prosaic ancestors.

America is a garden-loving nation, and one of the distinctive triumphs of her potteries is the production of garden pieces. For the garden of formal French style there are dignified urns, flower pots, benches, and other such pieces. Even the smallest garden needs a sundial, and there are well-designed models in pottery from $2.00 up. Most attractive of all are the oil jars, made in great variety of sizes and prices, which may be placed beside a flight of steps or in an otherwise bare garden corner.

Some of these jars are examples of the greatest beauty in design—and no wonder, for they are made from casts taken directly from beautiful antique originals. These pieces are usually in stony gray or terra cotta shades, and their composition has been carefully calculated to withstand our weather. Although in most works the pressure of demand has made mass production necessary, it must be remembered that pottery is one of the few mediums in which the original artist is never entirely lost. Even for pieces which are too small by thousands a first mould was created with pride and care. Those who sigh for the artist potter must remember that modern conditions give us fine pottery at a low price, produced with such scientific accuracy in composition and firing that even the smallest pipkin is assured strength and finish.

Efficiency spells economy

Similarly, as we determine by test which toasters actually toast and which merely burn, we may make certain that table-stoves, grills and hot-plates are really capable of serving the purpose for which they are intended, namely: to furnish enough heat to raise water at least to its boiling point. Stranger as it may appear, there are table-stoves which will either fail to do this, or will take a considerable length of time as to make them impracticable.

And before purchasing any type of electrical appliance where we are not certain of the maker's name and reputation, let us consider the important matter of insulation. Are the electrical connections underneath the appliance and a short circuit results. The insulation of the heating element should be carefully examined to be sure to observe that the insulation material be of such nature and thickness as to prevent any possibility of the heating element ever coming in contact with the shell or framework of the appliance. Care should also be taken that the insulation around the terminal studs—over which the plug of the cord fits—is adequate. The insulated space between each stud and metal shell should be at least 3/4 inch. Some devices have a porcelain (or other insulating material) boss projecting through the shell which provides an insulated space of 1 inch or more. If the cord is permanently attached to the appliance, as in the case of traveling irons, water-heaters, curling irons and the like, it is important that there be no sharp edges to produce friction where the cord enters the device.

Incidentally, when considering toasters and table-stoves, accessibility of the lower parts is sometimes important from the standpoint of ease in cleaning. The element, naturally, should be readily replaceable if necessary. This is especially true in the case of radiant heaters, and it should be ascertainable if new elements are easily procurable.

Too much should not be expected of radiant or "bowl" heaters, since these devices are not intended for heating a room but merely for throwing a concentrated beam of heat in a definite direction. Larger reflectors have the ability to concentrate the beam more effectively than smaller ones to facilitate directional control, an adjustable joint should be provided between the bowl and the base.

While among the displays of brightly polished electrical devices, our thoughts naturally would turn to the question of rust. For the garden feature is important, however, chiefly from an aesthetic standpoint. In the case of iron, we could secure good results from a sole plate of black iron, except, of course, that we should have to make provision to avoid rusting. The higher priced appliances are often plated with chromium. The chief difference between this plating and nickel plating is the fact that chromium, it is claimed, will never tarnish.

The Ezra Griswold House, Guilford, Conn., built of White Pine in 1760, and standing today
The sign of welcome to those who want automatic heat at a lower cost

Every year more homes—both new and old—display the sign that says: "A Spencer Magazine Feed Heater is being installed here." Unlike the forced economy of faded paint and shabby shingles, it is a sign of economy that any home owner can be proud of. The Spencer gives automatic heat, but with a saving large enough to pay most of the repair and maintenance costs of the home.

The reason for this is because the Spencer is a magazine feed boiler. Instead of flat grates that must be fed by hand, the Spencer has sloping Gable-Grates, fed automatically by gravity, from a storage magazine for fuel. Because of this, the Spencer can and does use, efficiently, No. 1 Buckwheat anthracite, and small size by-product coke, without the use of motors, blowers or other mechanical parts. These small size fuels are low in cost because flat grate heaters will not burn them satisfactorily. No. 1 Buckwheat anthracite costs about half as much as the larger sizes—and the Spencer saves all this difference in price.

Besides its saving, the Spencer provides unusual convenience. Its magazine holds a twenty-four hour supply of fuel.* It never requires attention during the day by women in the home. It keeps the bath rooms, halls and down stairs rooms warm both day and night—while your own bed room begins to warm up the moment the window is closed, to give you comfortable heat to dress in, without a trip down to the cellar to "get up steam."

Write for the Spencer book, "The Fire That Burns Up-hill." It explains the Spencer operating principle in detail. SPENCER HEATER COMPANY, WILLIAMSPORT, PA. (Division of Lycoming Manufacturing Company.)

*Everybody knows that ordinary heaters require refueling frequently as the fire burns to ash. With a Spencer, fuel is put only once a day into the magazine—illustrated below at (A). Fuel covers the grate to a sloping level controlled by the magazine mouth (B). The fire bed stays at the level shown at (C), for as fuel burns it shrinks to ash (D) and settles on the Gable-Grate (E). As the fire bed shrinks, more fuel feeds down automatically from the magazine, which holds enough fuel to feed the fire for as long as 24 hours, with only one shaking of the grates.

Illustrated is the Spencer Magazine Feed Heater for the home of average size. Spencer Heaters for steam, vapor, or hot-water systems, are made in cast iron sectional and steel tubular types, for any size home or building. Sold and installed by all responsible heating contractors.

The sign of welcome to those who want automatic heat at a lower cost
A very pleasant meal ... but a shadow hangs over it!

Many a pleasant meal is spoiled, night after night, for the woman who should be enjoying it! While she eats her dessert she’s thinking of that pile of greasy dishes waiting for her in the kitchen. Oh, if only they would wash themselves! They do...in a Walker.

With no fuss, no bother, dishes are washed, rinsed and dried. And what’s more, when the dishes are done, the Walker is ready to close down for the night, too. It requires no cleaning itself.

This daily comfort means so much to a woman. But, perhaps even dearer to her heart than her own comfort, is her family’s well-being. If every woman could know all the facts about hand-washed dishes, if she could see with a microscopic eye the dangers that lurk in her dishrag, no home would be without its Walker.

Health authorities are extremely fussy about dishwashing in restaurants. Would your kitchen pass their test? Have a Walker and be sure every dish on your table is safely free from germs. The coupon will bring you further facts.

**Walker Electric Dishwashers**

Sink and Cabinet Models

Approved by Good Housekeeping Institute

Open Territory is Available to a Few Progressive Representatives

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### A Landscape Plan for a Southern House

Continued from page 28

<table>
<thead>
<tr>
<th>Perennials</th>
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<tr>
<td>1. Labrador False</td>
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<td>3. American Holly</td>
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<td>5. Fig</td>
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<td>7. American Elm</td>
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<td>9. Gladiole</td>
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<td>11. Laburnum</td>
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<td>13. Gooserocks</td>
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### Walker Electric Dishwashers

The Walker Corporation

1024 S. Waller Ave., Chicago, Ill.

Send This Coupon

Walker Dishwashers Corporation

1024 S. Waller Ave., Chicago, Ill.

I’d like a complete booklet.

Name: ____________________________

Street: __________________________

City: __________ State: __________

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### A Small House by a Famous Architect

Continued from page 28

White Pine shown in the plan on page 28 and the other two White Pines are omitted since the Cedar will have a greater spread. Under the Cedar is a flowering Dogwood, marked “*”.

<table>
<thead>
<tr>
<th>Trees and Shrubs</th>
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<tbody>
<tr>
<td>1. Labrador False</td>
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<td>3. American Holly</td>
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<tr>
<th>Vines</th>
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<tr>
<td>15. Virginia Creeper</td>
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<td>16. Creeping Fig</td>
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<td>17. Cosby Pachistima (Ground Cover)</td>
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<td>18. Same as 16</td>
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<thead>
<tr>
<th>Annuals</th>
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<tr>
<td>19. Miss Helen Sunflower</td>
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<td>20. Same as 21</td>
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<tr>
<td>21. Lavender Phlox, Antonin Mercier</td>
</tr>
<tr>
<td>22. New York Pink, Sweet William</td>
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<tr>
<td>23. Hybrid Delphinium</td>
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<tr>
<td>24. Bellonia</td>
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<tr>
<td>25. Bellonia</td>
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<tr>
<td>26. Madonna Lily</td>
</tr>
<tr>
<td>27. Lemon-yellow Snapdragon</td>
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<tr>
<td>28. Baby Breath and English Iris</td>
</tr>
<tr>
<td>29. Confederate Jasmine</td>
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<tr>
<td>30. English Primrose</td>
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<tr>
<td>31. Dovey Box, 6-inch</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Vines</th>
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<tr>
<td>32. Yellow Primuline Gladiolus</td>
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<tr>
<td>33. Orange Zinnia</td>
</tr>
<tr>
<td>34. Lemon-yellow Snapdragon</td>
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### A Small House by a Famous Architect

The architect suggests the following specifications for the house. The walls should be of concrete, twelve inches thick. A White pine is specified for the exterior and interior woodwork. On the exterior this should be painted an ivory white. The shutters may be white on the first floor and green on the second, or they may be green throughout. On the garden side of the house the second floor is shingled.

The cellar stairs lead up, around a corner, to the kitchen.
Sleep under the North Star

Sizes—(Single and double) from smallest crib, 32" x 42", to extra large, 80" x 108".
Colors—Loveliest of the pastels, duotones, two tones, plaids and solids.
Whites—The whitest of whites, plain or bordered.
Purities—Absolute, both as to wool and dyes.
Weights—All, from lightest summer to heaviest winter.
How to Buy—Insist on blankets with North Star Label.

North Star Woolen Mill Company, Minneapolis, Minnesota.
Dept. A-4

Please forward, post prepaid, copy of your new North Star Blanket Catalogue in Full Color.

NAME
STREET
CITY
STATE

If you are sensitive to the appeal of beauty, you'll get a big thrill out of North Star Blankets; for their glowing colors, from field and sky, reveal a new loveliness in tones born of flower petals, dawns, sunsets, and moonlight golds.

If you are also practical, you'll respond instantly to the perfection of the high craftsmanship that declares itself in the weave, in nap, in finish, in lustrous pure silk bindings, and in an immediate impression of a cleanliness beyond price—a sense of the utter fitness of these blankets to your most personal needs.

NORTH STAR Purest Wool Blankets
“Here is a great Fireman”

“IRON FIREMAN lets me enjoy my evenings at home... no more jumping up to feed a hungry fire”

“Bill, this home is a different place since we installed an Iron Fireman. You wonder why we’re so enthusiastic about it? Here’s why:

(1) “It saves money. They showed me a survey of Iron Fireman owners reporting yearly fuel savings of 45.61 per cent and my experience is right in line with theirs. My fuel bill is about $50 a year less.

(2) “It works automatically. I fill the hopper and lift out some ashes occasionally and that’s all. We’re rid of the old job of coming down here several times, day and night, to feed the fire.

(3) “It supplies uniform heat no matter how the weather changes outside. When the house gets below seventy degrees the thermostat starts the Iron Fireman and when it gets above seventy degrees the thermostat stops it.

(4) “We have a warm house when we get up in the morning. That early morning nuisance of building a fire is ended. Set the thermostat for six o’clock and at seven the family gets up and dresses in comfort.

(5) “It is absolutely safe. We know that coal is the best and safest fuel we can buy.”

Write for complete information on the advantages of automatic coal heating, or get in touch with the Iron Fireman dealer. He will be glad to check over your heating system and submit a report on what the Iron Fireman can do to give you better heat for less money. Iron Fireman Manufacturing Company, Portland, Oregon. Branches: Cleveland, St. Louis, Chicago. Subsidiaries: New York, Milwaukee. Dealers in principal cities.

IRON FIREMAN
AUTOMATIC COAL BURNER
...the machine that made coal an automatic fuel

The “South Room” has a cream wallpaper and curtains of red-figured glazed chintz, piped in pale green. The hooked rug here is of a brown type.

Along the road to yesterday

Continued from page 19

sulphur-yellow curtains. These are made of taffeta, glazed, the exact shade of the wallpaper, and are hung very full with French pleats at the tops. A green, hand-made pottery jar of beautiful shape and size stands on the maple table and holds sheaves of the orange lilies which grow by the roadside all over this part of the country.

The room at the right of the front door is the “South Room” and it is a shade more formal than its companion room across the hall. The wallpaper is cream, with units of small rural scenes, some showing sheep, and others farmers and horses. A maple desk with the original brasses stands between the front windows, and it hangs a mellow portrait of Colonel Butler of Weathersfield, Connecticut, a Revolutionary soldier, portrayed in his coat of dull blue and his white stick. The frame of dull gold provides a pleasing note in the colors of the room, and the dignified furniture affords fitting surroundings for his austere countenance. Tail glass candlesticks stand on either side of the top of the desk, with an openwork fruit dish of ancient Lowestoft between them, as well as an interesting pair of crystal goblets with spread eagles in gold on their sides which must, we feel sure, have been made to honor some historic occasion. Before the desk is spread a hooked rug of very rare type, and unusual coloring. Against a background of deep cream is worked a design of flowers, and in each corner of the rug an American shield, all in reds and blues. Emphasis is given the whole design by a border of black.

In front of the windows are side chairs of maple with the cut-out openings in the splats which give them the name of “parrot-backs,” and at right angles to the hearth are a deep, comfortable armchair, and a love-seat, covered alike in a bright, red-figured glazed chintz and a pair of low, four-post maple beds with candlewick spreads. The long window draperies are of a cream chintz which matches the chair covering and blends with the scheme of the room. The French provincial chamber has a pale coral wallpaper, with covers, on bed and chaise longue, of chintz in pastel stripes, and delicate window curtains of mauve organzine, over unusual coral window shades. A small French provincial poudreuse gives character to a corner and holds the toilet articles neatly under its mirror-lined lid.

A modern bathroom was made out of a large down-stairs bedroom, and is like a cool sea grotto, with its walls covered with a peach paper, with decorative fish and sea-horses in deeper pinks and gold on it and a draped dressing-table and shower curtain of translucent sea-green water proof material. Green glass bottles enameled in color hold bath salts and powders to match the color scheme, and rows of soft towels with borders of spouting whales and sailing ships add crisp notes of decoration. The woodwork matches the peach background of the wallpaper and the glass curtains are of peach-colored voile. The shades are a coral pink.

Tea under the grape-hung pergola at the back of the cottage made a happy ending to the visit, and sitting luxuriously in the deep chairs we watched the shadows of the grape-vines grow longer and longer as they moved softly in the evening breeze. But at last the sun was low, the tea pot empty, so we reluctantly said “Goodbye” to our hostess, and left her to light the evening candles in the little “salt box” house.
for beauty
new economy
use
Cabot's
Building Specialties

Cabot’s Old Virginia White on the side walls and Cabot’s Creosote Shingle Stain on the shingled roof, do their part in contributing to the beauty of the home of Robert Mehornay, Kansas City, Mo., designed by Edward Bucher Delk, architect, Kansas City.

The natural warmth of these charming fieldstone walls has been doubled by the use of Cabot’s Quilt for insulation. The residence of Wilbur S. Scott, Rosemont, Pa., Wallace & Warner, architects, Philadelphia, Pa.

ASHION, in the form of Cabot’s Collopaques (instead of paint) and Creosote Shingle and Wood Stains, has swept over the walls and climbed up on the roofs of the finest American homes, large and small. For these Cabot products, with Cabot’s heat insulating and sound deadening “Quilt”, are the accepted vogue whenever a house of inspiring beauty and practical construction is desired. As if by magic, old fashioned shingles become radiant roofs. Wood and stucco surfaces become brighter, more lasting, and more picturesque. And Cabot’s “Quilt” stands guard in the walls as a permanent sentinel against cold and against noise! Leading architects specify these products; leading contractors are always glad to use them. And millions of home-owners, all over America, find Cabot’s products a relief to the pocketbook as well as a joy to the eye.

Write today for highly interesting literature, including scientific tests of great importance.

COUPON

Samuel Cabot Inc.
141 Milk Street, Boston, Mass.

Gentlemen: Please send me latest literature on

[ ] Cabot’s Collopaques and Stains
[ ] Cabot’s Heat Insulating - Sound Deadening “Quilt”

Name

Address
You can easily fit this kind of MODERN HEATING into any style of interior....

In older homes or new, you can now enjoy the healthful comforts of modern radiator heat, without introducing the slightest discordant note into the decorative scheme of any room.

Ask your local heating contractor to show you the new Pierce-Eastwood radiators. Their classic simplicity makes them a harmonious and unobtrusive part of any interior. And the same advanced principle of design which gives these radiators their pleasing appearance is responsible for their extra heating surface!

With this type of radiation and a super-efficient Pierce-Eastwood boiler, your home will be equipped for a lifetime of healthful, comfortable and economical heating. Yet a complete Pierce-Eastwood heating system costs comparatively little and may be purchased on convenient time payments.

Interesting Booklet on Request — Find out about the advantages of Pierce-Eastwood Boilers and Radiators and the Pierce Time Payment Plan, by mailing the coupon below for a copy of "Economical Home Heating." Sent without cost or obligation of any kind.

Pierce-Eastwood (square) and Pierce Pebco (round) boilers are encased in flaming orange steel jackets. Air cell insulation and scientific flue design insure most economical fuel consumption. Guaranteed to deliver their full rated heating capacity.

PIERCE, BUTLER & PIERCE MFG. CORP.
41 East 42nd Street, New York

Branches in Principal Cities


PIERCE EASTWOOD

d Boilers and Radiators

Please send me Information on Pierce Heating Systems and the Pierce Convenient Payment Plan.

Name
Address

I am interested in [ ] Modernizing [ ] New Building
Colonial Charm for the Modern Home

The finest conceptions of Colonial grace... artistic simplicity... and skilled craftsmanship... are reproduced in this group of old New England pieces. Such a grouping of historic furniture enhances the selectivity charm of the modern home... and endorses the good taste of its owner.

This pine chest with graduated drawers, for instance, is copied from a 17th century New England original. It is a commodious and beautifully proportioned model, with a mellow surface "patina" which correctly expresses the "feeling" of the antique.

Send for our interesting, illustrated booklet "THROUGH COLONIAL DOORWAYS" for other equally attractive ensembles. CONANT-BALL Colonial Furniture is sold by good furniture stores.

CONANT-BALL COMPANY
Colonial Furniture Makers
80 Sudbury Street... BOSTON, MASSACHUSETTS
New Homes for Old

If you would visualize what may be done with a home growing old, send us a kodak picture or other photograph and let our Service Department make a FREE sketch to show you how it may be modernized most economically. No obligation.

Send for special book which shows a selection from hundreds of examples entered in recent modernizing contest. See how sales values were easily increased from two to ten times the cost to modernize. Help your real estate man sell your old home to finance a new one.

For New Work

Send 10¢ (coin or stamps) to cover postage and handling for Portfolio of full-color Photogravures of actual Weatherbest Homes and Sample Color Folder. Shows many delightful combinations of shades and lengths for new construction to insure individuality and durability with low first cost.

Weatherbest Stained Shingles

For Roofs and Side-Walls

WEATHERBEST STAINED SHINGLE CO., INC.,
2150 Island St., North Tonawanda, N. Y.

Mail this coupon today

Enclosed is 10¢ (stamps or coin) for postage and handling, for Portfolio of Photogravures of New Weatherbest Homes, details of Modernizing Service, and Book, "Making Old Houses into Charming Homes."

Enclosed is picture of old home for FREE Modernizing sketch.

Name

Address

Convenient closets worth looking into

Continued from page 40

cleaned with a damp cloth. The shade cannot be torn or cracked, it will not shrink or stretch, and it comes in twenty-two colors for your choosing, every one guaranteed not to fade; or you may have it decorated in oils with any design in any color. Open shelves are a picture in themselves. They are usually painted and covered with paper, oilcloth or chintz, or may be inlaid with linoleum to match the floor design. A very few are fitted with glass. A removable shelf pad is easily made and covered with a wash material that can be slipped off for laundering.

'Overcoat' or modernize an old home the Weatherbest Way. Improved appearance ... increased values ... better insulation. Costs less than two good paint jobs.

After Modernizing

"Overcoat" or modernize an old home the Weatherbest Way. Improved appearance ... increased values ... better insulation. Costs less than two good paint jobs.

For those with a complex against frills there are carved moldings to edge the closets. (Courtes-y, Hammacher, Schlemmer Co.)

For those with a complex against frills there are carved moldings to edge the closets. (Courtes-y, Hammacher, Schlemmer Co.)

Before Modernizing

Service Sketch

Before Modernizing

Service Sketch
The change from a coal fire to an oil or gas burner does not give you a new system of heating. It merely permits you to use a different kind of fuel.

The prime factor upon which the comfort and cost of heating depend, remains what it always has been—the efficiency of the boiler.

A boiler's efficiency is measured by its capacity to absorb heat. A given boiler can absorb just so many heat units per minute and no more.

Obviously there is a relation between the number of heat units the boiler can absorb per minute, and the number of heat units the fire gives off per minute. If the fire exceeds the boiler's capacity, the excess heat units are wasted up the chimney.

An oil or gas fire gives off heat at a much faster rate than a coal fire. They put a far greater tax upon the boiler's efficiency.

The line AA on the chart represents the boiler's fixed capacity to absorb heat units.

The line BB represents the slightly varying number of heat units the coal fire gives off per minute, as the fire speeds up and slows down with the opening and closing of the draughts. (Assuming that the boiler operates efficiently with coal the line BB never rises above the line AA.)

**HOW to get the best RESULTS**

The line CC represents the sharply varying number of heat units the oil or gas fire gives off per minute, as the thermostat turns it on full blast or shuts it entirely off. Its peaks rise not only far above the peaks of the coal fire (line BB) but also far above the capacity line of the boiler (line AA). The areas above the line AA are wasted heat units. They go up the chimney.

While the above is a suppositional case to illustrate a point, it does not at all exaggerate the all too common condition.

In order to get the best results with an oil or gas burner, you should have a boiler whose heat-absorbing capacity line is at the level DD on the chart.

This means a boiler with plenty of Fire Surface, for it is upon the amount of Fire Surface that a boiler's heat-absorbing capacity depends. For instance, in the new Smith "16" has more Fire Surface than any other boiler made of the same grate area. Like its bigger brothers, the "24", "34" and "44" Mills Boilers, it is especially adapted for oil or gas.

**Send coupon for Free Booklets**

THE H. B. SMITH CO.
Dept. L-18 Westfield, Mass.

Gentlemen: Without cost or obligation to me, please send me a copy of each of your two booklets, "The Smith 16" and, "Does it Pay to Install an Oil Burner?"

Name:________________________

Street:_______________________

City___________________________ State__________
A Saving Heat
For Those Wanting
Heat Savings

SAVING dollars, to be sure, was not the primary purpose of the people who wrote letters to the MacDowells about the saving heating. It was to help them get heat contentments.

But through what these letters had to say, the MacDowells made sure of both heat satisfaction and fuel thrift. Just another way of saying heat saving.

If you will first fix in your mind that fuel is money, you will want to know all there is to know about saving heat. Which is just what these eight letters about heating told the MacDowells.

All eight letters are printed in full in "Letters To and Fro," the book of heating helps that we gladly send to anyone who asks for it, without charge, and of course without obligation of any sort. Write for a copy.

Among the finishes being used for individually designed shelf edges are festooning, bias and folded tape in various color combinations, colored rick-rack, and narrow cotton fringe.

For the dressy closet using moiré, taffeta, silk poplin, dotted swiss, or satin, sheer lace or the narrow French ribbons are appropriate trims. There is pleated net footing, too, which we send by the yard in écru and colors. The finished edging is fastened to the shelf with thumbtacks—the brass headed kind or those lacquered in pastel shades.

For those with a complex against ruffles and lace and for those who cherish the ultra-new, a decorated shelf molding is recommended as the last word. You buy these moldings in the raw wood, the prices running from twenty to seventy cents per foot, according to the width and design. Some are two inches wide, some but half an inch. These are painted or lacquered to match the closet color scheme. You may have them painted on order, or do the work yourself, if you have the time and inclination to dabble with paint.

These moldings have a hand-carved look and are as trim and graceful as a bird's wing. As to lasting qualities, they are as durable as the shelf itself, and can be washed with water and soap. If the closet changes color, a new coat of paint and the molding steps out new.

Furnishing the shelves is mostly a matter of arranging row after row of utility boxes. There are little boxes for cleaning tissues, jewelry and beads, and storage boxes large enough to hold blankets and spreads. Hat boxes find their way to the higher shelves. Large, square ones for larger hats, and small oval ones for smaller hats in shape, protecting and preserving innumerable novelty holders, sometimes topped with a flower or bead work. Some are finished with a molding along the edge to keep the shoes from sliding off. In some closets it is most convenient to place the toe shelves along the baseboard. But never build them to the floor for it is there that all the closet dust collects.

Shoe trees are necessary if shoes are to hold their shape. Heart-shaped shoe trees of metal or wood are finished with velvet hand-stenciled patterns. They save time, too, for with one glance at this transparent bag you can see every garment it contains. This "seeing in" is deemed so important that many of the chintz bags have inlaid glass windows for a peek at your clothes.

This year closet sets are made for the first time in the toile with a choice of three of the early American pattern prints. These come in three colors, red, green, and blue.

The new chemically treated cloth bags which act as a moth deterrent are finished with fastenings so tight no insects can steal their way through. One garment bag of extra heavy cretonne is lined with a specially processed rubber. It is absolutely dustproof, mothproof, and damp-proof, and has a fastener to zip the bag open or closed. It is splendid for storing winter clothes and for keeping summer things fresh.

Shoes see enough of the floor in service and ought to be kept out of the dust when they have a day at home. Shoe cabinets come in every possible style and in every possible material from metal to wood and papier-mâché. There are models with simple tier arrangements with open fronts, and there are elaborate nests. Some of these are divided into separate drawers, others have a door to keep out dust, while the most expensive ones usually have a stock drawer or two and sliding trays.

One new metal shoe holder has shoe trees attached ready to slip right into the shoes. A collapsible container, flat when not in use, hangs by a cord to the door. A flap covers each shoe compartment and is fastened in place with snaps.

It is the built-in shoe racks that really save on space. You can tuck these into any convenient spot. Slanting toe shelves to accommodate but one pair of shoes can be tiered, one above the other, in a space just six inches wide. These tipped shelves are finished with a molding along the edge to keep the shoes from sliding off. In some closets it is most convenient to place the toe shelves along the baseboard. But never build them to the floor for there is there that all the closet dust collects.

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The American Home
Glorious
"Mount Vernon"

Now More Beautiful Than Ever!

Last year "Mount Vernon," the home of George Washington, was painted with Outside Barreled Sunlight. Now it sparkles in the Virginia sun with new beauty... new distinction.

Stately
"Monticello"

"Monticello," the stately home Thomas Jefferson designed with his own hand. Recently painted with Outside Barreled Sunlight, "Monticello" is now more attractive than ever.

THE historic estates of George Washington and Thomas Jefferson. Glorious old homes... famous for their dignified beauty. Now they are more attractive than ever. They fairly sparkle in the Virginia sun... brilliantly white... richly lustrous... painted with Outside Barreled Sunlight.

You can give the same distinction to your own home. The paint which has made Mount Vernon more beautiful... renewed the glory of Monticello... has added charm to thousands of fine private homes the country over.

Everywhere Outside Barreled Sunlight is acclaimed. Home-owners are delighted— their neighbors frankly interested. Everyone calls it the whitest of all white paints.

Outside Barreled Sunlight is made by the Rice Process—the same method which perfected Interior Barreled Sunlight. While this outstanding exterior paint costs a fraction more per gallon than other paints, the difference is amply justified by added distinction, beauty, durability.

Send for the free booklet, "The Whitest White House in Town."


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BOTH FORMS OF BARRELED SUNLIGHT are sold in cans of all sizes, 5-gallon buckets and large drums. Extremely easy to tint with oil colors. Quantities of 5 gallons or over tinted to order at the factory without extra charge.

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Gentlemen: Please send me—
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☐ Send free can of Outside Barreled Sunlight to my painter. His name and address are given in margin below.
Authentic American Pieces of Historical Interest –

The Independence Group

Those who have asked, “Where can I find furniture of assured authentic style and American historical interest,” will find the answer to this question in the “Independence Group.”

The Baron Von Steuben sofa, with the William Rush eagle woven into its fabric, adapted from one over the doorway in old Congress Hall; the reproduction of Patrick Henry’s desk, true even to its construction or Imported Cuban mahogany; and the Duncan Phyfe drop-end table, developed from the original which is in the Metropolitan Museum, are the central units of the group, around which have been assembled the other pieces, each of particular interest in its own right.

The designing staffs of three Grand Rapids factories combined in their research for just the right pieces to comprise this ensemble. Faithfully following the traditions of the originals, each piece is a choice example of the fine art of contemporary cabinet work and upholstery for which Grand Rapids designers and bench workers are so famous.

Convenient closets worth looking into

Continued from page 62

A rod hung across the closet about two inches below the shelf will hold many more hangers than the hooks the space would accommodate. The rods may be anything from a sawed off broomstick fastened into certain cleats to the elegant new chromium-plated pole, that is guaranteed not to rust, scratch, or fingerprint. With the rod come two slotted disks that fasten on either side of the closet. The rod pulls out to fit the space and the ends slide into the slots.

For the closet too narrow to hang a coat crosswise there is a special metal holder that extends out from the rear wall. This resembles the enlarged edge of a saw, with each depression deep enough to hold a hanger. When the garments are in place, the hanger folds back out of the way.

Garment hangers are as fancy or as tailored as you please. They come covered in chintz, jersey, corduroy, rayon, satin, and velvet or may be in every color to be found in chintz. Whatever model you buy get them in the dozens lots as the sizes and the uniformity in sizes save on closet space. Two sizes of hangers are needed, one for thin dresses and blouses, and another for coats and suits.

In the high ceilinged closet the overhead space can be turned to good use. Fix a rod across the closet near the top, then supply yourself with a set of hangers equipped with a long stick handle to be used in lifting the garments up and down. Hangers with extra long handles should be used, by the way, to protect the front collar of a coat. These are made especially to keep the collar from rubbing against the pole or the top of the garment bag.

For the man’s closet there are special hangers for coats and hats, shirts, and ties. A trowser hanger of chromium-plated cane costs one dollar while a new model that sells for five dollars will hold eight pairs. There is a swinging tie rack with six prongs made of brushed nickel retailing for $3.75, and for a very little more these may be had covered in silk or velvet, in green, blue, or jade.

In the modernistic closet the suit hangers finished in silver leaf are a happy choice. A tassle rack for hats, canes, umbrellas, and ties is designed to fit the back of the closet door. There are also several inexpensive racks to keep millord’s ties in good order, that can be fastened to the wall or the door of the closet.

It ought to go without saying that every bedroom shared by a husband and wife should have double closet space, or at least a closet partitioned into two separate parts, one to be kept entirely clear of all feminine garments. These little courtesies tend to make life run more smoothly, and prevent discord when both husband and wife wish to dress in a hurry. But a closet for each, and perfect independence should be the slogan for a modern household.

That room with the gas chandelier

Continued from page 38

these strips to prevent air infiltration and to keep out vermin, or wallboards may be used to cover the area behind the paneling. This is a matter to take up with the carpenter-contractor who can readily determine what method would be best. When applying the new trim, keep in mind that the effect of a high ceiling may be corrected by bringing the picture molding or cornice down on the wall two to a point just above the top of the door frames. The wall space above this molding is then treated as part of the ceiling and the strong horizontal lines formed by the cornice molding stops the eye at a point which gives the effect of a low-studded room. The effect of size can be increased or diminished in a similar manner by applying wood moldings over the plaster to divide the wall area into panels. A predominance of horizontal lines lowers the apparent height of the room, but the predominance of vertical lines gives the effect of a higher ceiling.

The problem of rejuvenating old floors is relatively simple. If they are in reasonably good condition, they may be sanded, bleached, restored, and refinished. New floors can be laid over the old, using linoleum, rubber, or any one of several modern floor compositions that resemble tile or stone. New hardwood floors can be laid readily over the old, using either the strip or plank flooring, or the new block type which is laid in mastic to give a patterned floor resembling fine mosaic or parquetry work. It is inadvisable to use a very light (“!”) hardwood floor unless the old floor is smooth and tight, because the light strip floor tends to loosen and become squeaky if laid over an uneven surface.

Such are the methods employed in rejuvenating an old room and preparing it to receive modern decorative treatments. From this point on, it is a matter of selecting color schemes for painted work, wallpapers, or wall fabrics, and choosing lighting fixtures, hardware, and all of the other appointments that form the palette of the interior decorator.

Up to this point, the work involved lies within the province of the experienced jobber-contractor. It is not necessary for the owner to divide the work between lather, plasterer, electrician, carpenter, and cabinetmaker. Reliable estimates can be obtained from a contractor who will supervise all of the details and give a lump sum price for the job up to the point where the painter and decorator steps in.

If you have a room that cries out for rejuvenation and transformation, study your room with care, write out explicitly the changes you wish to effect and call in a contractor room you can trust. You may be pleasantly surprised to find that you can have the modern room you want at less cost and possibly less trouble than you anticipate.
In this new pattern—in bone china—has been produced the first Wedgwood design from an entirely American inspiration. For its creation, the artist traveled to the West to see one of America's glories—the wild flowers of the plains and prairies in the early Spring. Here, indeed, he found a new enchantment, scarcely to be equalled in the whole world; this he has happily symbolized in Wedgwood's latest design—Prairie Flowers.

Upon request we shall be pleased to send you a copy of our illustrated booklet.

Josiah Wedgwood & Sons, Inc.

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BONDED fireplaces NEVER smoke

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Why heated arguments, when a simple BOND guarantees quickly heated homes during Spring and Fall?

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Name

Address

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Are you planning to move?

Continued from page 31
Concrete pays tribute to fine architecture

Concrete, in many forms, has been skillfully employed by the architect in designing this home. The exterior walls are of concrete masonry units, in slightly irregular sizes and varied colors. Building frame and floors throughout are of reinforced concrete—**one unit**, of utmost strength and rigidity. The roof is attractively tiled. So constructed, a home is **firesafe** and long enduring.

The views on this page are of a home that is distinguished in both architecture and construction—the home of Robert B. Henderson, in Hillsborough, California. Gordon B. Kaufmann, Los Angeles, Architect; Dowsett-Ruhl Company, San Francisco, Contractors.

PORTLAND CEMENT Association

Concrete for permanence and firesafety

33 WEST GRAND AVENUE
CHICAGO
H. RAY BALDERSTON

Cleansing upholstery fabrics

Housekeeping may be an everyday duty, some say a monotonous one, but you are bound to be conscious of the fact that it is a necessity. Make a good soap solution of high-grade white soap and have it made ahead of time. The solution should be cool, like milk and should not be Hampy and undissolved soap, for this may leave soap stains, and, besides, requires so much water rinse. Use the same kind of soft cloths and brushes at hand. A bone paper-cutter or a dull case-knife will help to press out the soiled suds, and the cloth held in the other hand will take it up.

With the soft brush apply the soap jelly, which should be like soft curd, but not watery. Apply it in even lines doing no larger space than can be wiped off quickly with a cloth or pressed off with the paper cutter. Clean cloths wrong out of water will act as wiping cloths. The idea is to have as little water as possible sink into the pillow or the chair or cot seat. It is really only a surface cleaning, but it prevents the moisture from streaking colors. Streaking of colors might come from too heavy a wetting of upholstery webbing or padding. Try to be even in your stroke of brush or cloth, and then when gone over once, a second application is often a satisfactory finish. Dry wiping cloths take up the moisture quickly. The real reward of purchasing good fast-color fabrics proves its value just as soon as cleaning is necessary and when cleaning is finished.

Buttons of upholstery ought to have a piece of soft cloth put around and under their metal backing, for a slow drying may cause rust on them. If ink has stained a heavy fabric, try, just as soon as possible, to absorb the ink quickly, using a soft cloth, like a fresh blotter each time, and when all has been absorbed, let it be wiped off quickly with a cloth or pressed off with the paper cutter. Pour a little liquid ammonia, then a drop of oxalic acid. For economy, two-tone material is to suggest gasoline because of this factor plays a part in the cleansing operation is reduced, and so the soil is lessening. For lint from white cotton is often a great protection to put a heavy muslin under the tapestry jelly, which should be like soft curd, but not watery. Apply it in even lines doing no larger space than can be wiped off quickly with a cloth or pressed off with the paper cutter. Clean cloths wrong out of water will act as wiping cloths. The idea is to have as little water as possible sink into the pillow or the chair or cot seat. It is really only a surface cleaning, but it prevents the moisture from streaking colors. Streaking of colors might come from too heavy a wetting of upholstery webbing or padding. Try to be even in your stroke of brush or cloth, and then when gone over once, a second application is often a satisfactory finish. Dry wiping cloths take up the moisture quickly. The real reward of purchasing good fast-color fabrics proves its value just as soon as cleaning is necessary and when cleaning is finished.

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Massive in appearance with a rugged durability further enhanced by delicate arabesque traceries, RUSSWIN Rim-locks—like all RUSSWIN Hardware—are made of the finest metals, brass and bronze...every one of their component parts are hand-fitted by craftsmen, that their rare beauty and charm shall have a like perfection of workmanship.

The four designs shown herewith are the latest development of RUSSWIN, which for almost a century has been the pioneer of the "new" in hardware for the home.

Inside and out, the quality of RUSSWIN Rim-locks is built to give years of lasting, trouble-free satisfaction...hardware you will be proud to live with and which will be a fitting expression of good taste for all years to come.


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Even if you live ten or twenty—or a hundred miles beyond the end of the city gas mains, you can cook on a real gas range—with Pyrofax. Pyrofax—the old reliable compressed-gas-for-cooking service—is available to every home. Complete installation, including gas range, can now actually be had at a price less than that of a good coal or oil stove.

Pyrofax is real gas (obtained from natural gas) and burns with an intensely hot, blue flame. It is brought to your house through a national delivery service as reliable as any public utility gas company in the city.

There is a Pyrofax dealer near you. Go to him, select a modern, up-to-date gas range. He will set it up and install a Pyrofax Gas outfit—two cylinders of Pyrofax Gas, each holding two to three months’ supply for the average family. These are housed in a neat cabinet outside your kitchen and connected with regulation piping to your range as shown in the illustration. When one becomes empty you turn a valve which connects the second or reserve cylinder and the Pyrofax man replaces the empty with a full cylinder. This Pyrofax two-cylinder system protects you from ever running out of gas.

Pyrofax has thousands of satisfied users throughout the country. “Pyrofax service is excellent and the gas is marvelous,” states one voluntary testimonial. Another: “My wife is infinitely pleased with Pyrofax and is spreading its virtues among our neighbors.” (Names may be had on request.)

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October, 1930

WHEN A FELLER NEEDS AN ARCHITECT

Roofs . . . windows . . . floors . . . heaters . . . plumbing . . . and so on, and so on! What a help it is to have a few experts among your intimate friends when you come to that thrilling, intricate adventure—building a home.

Get an architect off in a quiet corner and ask him a few pointed questions. He'll tell you that quality always pays, that no budget is too small to cover good design and good service. He'll show you that integrity at critical points of construction is plain common sense, and a joy forever! It pays, in many ways, to be right.

Even to casual callers, the bathroom speaks volumes about your way of living. The true story of your character and carefulness is told in your facilities for keeping clean.

Often you find Kohler fixtures and fittings in the homes of architects, real estate men and others who know more about plumbing than the man on the street. Any one appreciates the fine lines and lustrous finish of Kohler ware . . . the restful charm of its soft pastel tones . . . the clear whiteness of Kohler white and the brilliance of Kohler black. Experts know that the Kohler mark means through-and-through fineness, that Kohler engineers and workmen put a craftsman's pride in their products . . . a pride that blossoms again in your home.

A distinctive bathroom, having *Mayfair* bath and *Stockton* lavatory, both with Octachrome fittings and *Rockford* elavator.

Be sure that Kohler quality extends to the metal parts. Weakness here is a trouble breeder, a money waster—and a positive danger. All Kohler fittings are made of tough, rustless brass . . . using heavier, simpler parts . . . obviously more efficient in operation . . . good for many more years of fine service.

In country cottage or big-city apartment, the finest plumbing adds relatively little to the building bill and always makes money! Increases property values. Reduces running expenses. Prevents trouble . . . Besides paying daily dividends of comfort and pride, that careful people simply will not sacrifice.

If you plan to build or buy or remodel soon, get the advice of experts on this vital matter. Your own architect and plumber will show you how and why an all-Kohler installation gives maximum service at minimum costs. Meanwhile, write for an interesting new booklet, C-10, which shows the beauty and benefits of modern plumbing, at its best. Write for it now . . . Kohler Co. Founded 1873. Kohler, Wisconsin. Manufacturers of Kohler Electric Plants . . . Branches in principal cities.

ELEVEN IMPORTANT POINTS

1. Kohler designs are decorative, purposeful, correct.
2. Enamel—fused with an everlasting bond . . . keeps its smooth, glinting surface.
3. Vitreous china—armored with a flat, lustrous, lasting glaze.
4. Kohler colors are soft, livable pastels. The white is a perfect white.
5. Metal fittings match the fixtures in style, character and quality.
6. Made of finest materials . . . show craftsmanship and care.
7. This year's Kohler products are next year's new ideas in plumbing.
8. Kohler quality extends to kitchen and laundry.
9. Kohler quality costs no more . . . and saves money later.
10. Handled and installed by qualified plumbers.

KOHLER OF KOHLER

LOOK FOR THE KOHLER MARK ON EVERY FIXTURE AND FITTING
Icicles

Keep the Smiths Out of Society!

Last winter the Smiths wanted to join the neighborhood bridge club, but you just can’t invite your friends to sit around in cold rooms, and their radiators were always half cold.

But things are different this winter, thanks to a friend who told them the trouble was probably with the valves.

He was right. The hot air couldn’t get in because the cold air couldn’t get out.

They replaced the worn out valves with Cadwell No. 10 Air Valves, which stay open until all the cold air is out, but close up tight at the first touch of steam. No more “half-dead” radiators, they are piping hot all over.

If not at your dealer’s we will send you as many Cadwell No. 16’s as you may need for $1.00 each, prepaid, and guaranteed for five years.

If you wish to go farther and have a vacuum system, order Cadwell No. 29, Vacuum Air Valves instead of the No. 10. They increase the heat response, save fuel and completely modernize your heating plant. $3.00 each. Order one for each radiator and one No. 20 Basement Return Valve at $3.50. Guaranteed for five years by

The Beaton & Cadwell Mfg. Co.
New Britain, Conn.

CADWELL
No. 10 AIR
VALVE

Allows the Radiator to Heat From End to End

For Steam Heat Only

MAIL THIS COUPON Send for a Sample
The Beaton & Cadwell Mfg. Co.
Dept. 13, New Britain, Conn.

Gentlemen:

Please send me... Cadwell No. 10 Air Valves at $3.50 each. I will pay postman when received.

Name

Address

A house assembled in three days

Continued from page 70

is the passage to the sleeping quarters. Two bedrooms, a bathroom, and a small cozy sitting room, with a disinguised cot for the unexpected guest, furnish adequate accommodation for the household. The smaller bedroom had dainty draperies of rose and white toile. Beneath one window stood a chest that performed as a bench, and was covered in the same material, made with a deep ruffle. Braided rugs, a comfortable bed with an appliqued floral design, and wall bookshelves were individual touches which combined to invent this tiny bedroom with a personality of its own.

THE SITTING ROOM

The little sitting room which occupied the front of the right wing of the house was flooded with sunshine. Apricot organdie curtains like those in the living room hung at the four windows. The cot-bed was disguised with a flounced covering of gay cretonne and a heap of pillows. Easy upholstered chairs, cushioned in the same material, and a large table completed the furnishings. The radio in one corner promised cheer during the winter months when the snow might pile in white drifts up to the window sills. This little room would preserve the spirit of summer, we felt, through the cold and dreary days until spring appeared again.

The warmth of the assembled house testified to a reliable heating plant in the cellar. The bathroom with its white porcelain fixtures was everything one could ask in the way of comfort. The closet space would arouse envy in the heart of many an apartment-dweller.

Its owners are well pleased with the durability of their home. The fact that it was assembled in three days’ time, just as it stands, is difficult to believe unless one has some idea of its construction.

This type of portable house can be erected above an excavation if a cellar is desired, or it can be merely cushioned in wooden posts or concrete piers. As it is assembled from standard units, its size is elastic, determined by the number of sections which are purchased. Usually, the prospective owner consults with the manufacturers, giving them an idea of the size and layout desired. Blueprints are then drawn up in accordance with his wishes and the house is delivered in the requisite number of units.

THE EXTERIOR FINISH

These units are completely finished in the matter of paint and varnish when delivered. The outside of the house has been treated to three coats of lead and oil paint. The woodwork inside has been finished according to specifications, the standard job being a secret stain. The floors have already received one coat of shellac, and the man who is sent by the company to supervise the assembling gives them a second coat after the workmen are through, without any extra charge.

A cross-section of the wall of this Westchester house would reveal the following construction—white painted clapboard, sheathing, building paper, air space, and insulating wall-board. Red cedar is used throughout as woodwork but the floors are of Oregon pine. The hardwood is galvanized iron in an antique brass finish. Wall, ceiling, and floor sections come in units of standard size that fit together without the slightest difficulty, wooden striping being used on the inside of the quest which cover the joinings which occur at regular intervals. A unit is, of course, completely finished from the outermost layer to the innermost layer when delivered. Its dimensions will always be in multiples of six, that is, six feet long by twelve, eighteen, or twenty-four feet wide.

This means that the wall sections are always six feet across, and several of these side by side give the depth of the house, while the length is achieved in the same manner. Hip and gable ends are furnished, so that, with the use of these, the units can be turned at will, according to the shape of the house varied accordingly. Wedge keybolts fasten the sections together so that the only tools needed to set up a house of this kind are a screwdriver and a hammer.

WINDOWS AND DOORS

The type of windows and doors is optional. Sash, casement, or a combination of both casement windows may be selected and the doors may be of panelled wood, glass, or merely glass-panelled. Doors and windows with hardware attached are already fitted into the sections when delivered.

Endless variety is possible in finishing the interiors. For instance, if a gray-tan wall-board is used, it can be left in its natural state or it can be sized with glue or shellac and then painted any desired shade. If the house is to remain permanently on its site, the owners may prefer plastered walls. This can be done over any wallboard and subsequently painted or papered.

The Westchester house gained its squareness of design, its specific size, and its ceiling. That is, the natural lines of the roof were left as a finish to the inside of the house instead of installing a flat ceiling which would conceal an air space between itself and the roof.

Although this type of portable house is erected in two or three days, about a month is needed to plan and assemble the required parts before shipment. The manufacturers send a man to supervise the work, and he hires local labor to assist him.

The merit of a house that can be moved at will is obvious. As a summer dwelling, it satisfies that urge for change, which actsuates the whole world today. As a permanent home, the portable house has other points in its favor. It can be erected speedily and, once up, it stands ready for occupancy without the need of indefinite painting and carpentry. It can be enlarged easily and quickly at any time. Its appearance is simple, but homelike in its simplicity, and judicious planting will relieve any severity of line.
Fun for the CHILDREN
—these rusted, leaking gutters
but troublesome and expensive for you.

For the six-year-old this is no end of fun. For you it means spending money for new gutters and rainpipes, because metals that rust are bound to fail when used for exposed service—often within a few years.

Nor is the recurring expense of repairs and replacements the only reason for insisting on sheet metal work that will last. Even more important is the necessity of guarding against leaks at vital places, where roof surfaces join, and around chimneys, dormer windows and similar projections. In these places copper flashings, which cannot rust, are essential; for rustable flashings soon rust through and leak, admitting water to rot the woodwork, damage ceilings, walls and furnishings, perhaps even to weaken the very structure and foundation of the house.

To avoid such trouble and its consequent expense, be sure that the sheet metal work on your home is of rust-proof Anaconda Copper. Once installed, copper gutters, rainpipes and flashings last indefinitely. Though sheet metal work of Anaconda Copper costs somewhat more than rustable metal in the beginning, it more than justifies its use by providing expense-free service as long as the house stands. You can readily identify 16 oz. Anaconda Copper by the trade-mark, which is stamped into the metal for your protection.

Just as sheet metal work of Anaconda Copper is always a worthwhile economy, so, too, Anaconda Brass Pipe for hot and cold water lines will actually save money—as will screens of Anaconda Bronze Wire on doors and windows. These rust-proof metals save the owner of the average $15,000 house about $62.00 yearly by eliminating repairs and replacements due to rust.

Send 25 cents for "The Home Owner’s Book" by Roger B. Whitman. In addition to information on rust-proofing the home, it deals with important facts concerning planning, financing and maintenance costs. The booklet "Rust-proofed", containing full information on the advantages and economies of copper, brass and bronze, sent free on request. The American Brass Company, General Offices: Waterbury, Connecticut. Offices and agencies in principal cities.
10 cents . . .

. . . out of every dollar spent in the building of the average American home is for the plumbing equipment.

The difference in cost between installing a RIVER SIDE Copper Hot Water Tank . . . either automatic or non-automatic type . . . and a steel tank is but a trivial percentage of your total plumbing expenditure.

But, as your local plumbing contractor will tell you, it is a permanent economy to pay that additional price for copper . . . for copper will not rust, and the first cost is the last. Besides, it assures you clean, rustless hot water!

If you contemplate a new home or are planning repairs to your present home, you can become thoroughly posted on all methods of heating water by writing for our handsome booklet: "Hot Water Service for the Home," or check circular in panel below.

Riverside Boiler Works, Inc.
Cambridge, Mass.

The ounce of prevention

The fall clean-up in the garden that's worth a pound of cure

PARKER T. BARNES

A MOUNT equal to ten per cent. of the value of our farm crops is paid annually by farmers, gardeners, and others because of damage to plants done by insect pests—and there is a similar loss from attacks of plant diseases. Part of this terrific loss occurs in your garden. You cannot stop it entirely; but you can materially reduce the damage by cleaning up your own garden this fall.

The scientists have been working hard to find out how some plant diseases are spread, and every year they find that more of them are insect-born. Not all of them, by any means, but some of them. They also find that frequently weedy relatives of our cultivated plants are responsible for over-wintering of diseases. Our problem then is to get rid of as many of the insects as possible, and to disinfect the plants or plant refuse so they can do no harm. It is some job!

In a corner of my very small garden stands an incinerator—a 55 gallon oil drum, the top out and a couple of four-inch holes in the sides near the bottom for draft. Into it goes everything that is diseased or likely to carry disease. If there is not waste paper enough to burn the rubbish then kerosene is thrown over it so that it will burn.

Burn up potato vines as soon as to reduce blight if possible. Tomato vines may be affected with wilt, for which there is no known cure, and leaf spot;

they are cremated as is Celery refuse, carrier of blight; Rose leaves harboring black spot and mildew; Hollyhock plants having hollyhock relative as the little Maillows—"chessie" we called them when children; all Chrysanthemum as well as tops, for so many of them have yellows. Phlox may have mildew; Asparagus tops, roots; Bean tops anthracnose; Cucumber vines, wilt; and Beet tops, the beet leaf spot. Gather all this refuse and reduce it to ashes—ashes carry no disease.

But don't be satisfied with going through the cultivated area only; clean up the whole place, as much of the surrounding ground as you can without arousing your neighbors' ire.

To illustrate the value of cleaning up let me draw a little from the summary of Bulletin 1461 of the United States Department of Agriculture, entitled Control of Cucumber Mosaic by the Eradication of Wild Host Plants. Cucumber mosaic has been taking the profit out of growing "cukes." Careful study by S. P. Doolittle and M. N. Walker found that the seeds of the Wild Cucumber carried over the disease from year to year. Some folks grow these vines on trellis, porch, and arbor. Also, it was found that the disease over-wintered in the roots of Milkweed (Asclepias syriaca), Poke- weed, Ground-cherry (Physalis heterophylla and P. subglabra) and Catsnip. Then when spring and summer (Continued on page 84)

Build your own home, design it yourself, for less than the average cost of a ready made house. Over 200 designs for English and American Colonial homes and other medium cost dwellings. Postpaid $1.00. Both books for $3.50.

A startling new book of house plans, 1930 edition, size 8 x 11 inches, over the hogs for English and American Colonial homes, two-family dwellings, cup bonus for Jam and marmalade, and other medium cost dwellings. Postpaid $1.00. Also 4 x 6 inch, 30 new designs of English and American Colonial homes and other medium cost dwellings.

In the basement, behind the furnace, in a corner of the garage, under the steps . . . there is no known cure, and leaf spot;

For a formal dinner, especially a special note as well as the source of supplies for jam and marmalade, and golden honey in clear white glass jars on its own merits. Serve cante- loupes first, or honeydew melon with a salad of endive with French dressing, on a cloth of deep cream, yellows, and greens. Let the breakfast be colorful fruit would be good. Finger

... of Bulletin 1461 of the United States

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HERE IS A CLOTH WALL COVERING
THAT IS WASHABLE...

Share the magnificent beauty of this satin damask reproduction with your guests.

The rich, velvety lights and shadows make this Sanitas pattern an ideal background for any downstairs room.

Time will not dull the beauty of this cloth wall covering, nor will dust affect it because the surface of Sanitas is cleanable with a damp cloth.

The oil colors with which the design is printed will not fade. You are assured of a non-cracking, non-tearing wall decoration because Sanitas is made on strong cloth.

WRITE FOR SAMPLES AND A BOOKLET

giving helpful hints for home decorations

The Standard Textile Products Company

320 Broadway Dept. 30 New York

See the complete line of 140 styles in the Sanitas Sample Book at your decorators
Defining the true meaning of the word "chic"

Coined in Paris to express originality plus taste, the word "chic" has come to mean many things to many people. In London, swagger; in America, pertness; in Japan, genuineness. The original and last meanings are the ones contained in the undoubted chic of Crane bathrooms. Always, originality and taste are found in Crane fixture designs and decorative suggestions; genuineness in the service given. At Crane Exhibit Rooms, you will find ideas for rooms as elaborate as the one above and others for the simplest cottage. Complete installation can be on monthly payments under the Crane Budget Plan. Let your architect help you plan. Buy from a Crane Qualified Contractor-Dealer, always a highly skilled registered or licensed master plumber or heating contractor.

CRANE

Fixtures, Valves, Fittings, and Piping, for Domestic and Industrial Use

Crane Co., General Offices: 836 S. Michigan Ave., Chicago • 23 W. 44th St., New York • Branches and sales offices in one hundred and ninety-six cities
"$50 SPENT ON TABLES . . . . will do more for the finish of a room than that amount spent on other furniture . . . ." says NANCY McCLELLAND

You will appreciate the truth of Miss McClelland’s statement when you visit the National Home Furnishings Style Show exhibits, September 26th to October 4th.

In honor of that important event, the leading stores of your city, and throughout America, will present a special group of Imperial tables, covering a wide selection of attractive new styles, and all selling for less than $50!—a hint of the many choice Imperial creations, generally far more costly.

See them and you will understand why Imperials are so highly prized in fine homes everywhere. Sparkling with aristocratic beauty, they brighten the nooks and corners, lend a formal yet friendly touch to chair groupings and halls, bring coziness to guest rooms, and scatter a delightful air of good living throughout the entire house.

Imperial cordially urges you to attend this unusual exhibit, and learn what charming effects in the decoration of your home can be achieved with a few dollars invested in Imperial tables.

The trade mark “Imperial” on the green shield will guide you in selecting the genuine creations of these leading table specialists.

LOOK FOR THESE EXQUISITE TABLES AT THE NATIONAL HOME FURNISHINGS STYLE SHOW—SEPTEMBER 26TH TO OCTOBER 4TH

The Burgess Chair-side Table: $19.00

The Kensington Nest of Tables: $45.50

An interesting booklet, “Tables in the Home”, will be sent on request.

We will answer these questions for you

What colors will make my kitchen cooler?

How can I make my entrance hall smile a welcome?

Can I make my home modern without making it grotesque?

Where are chintz papers correctly used?

A fascinating new book tells how modern decorators work wonders with moderately priced WALLPAPER

And it entitles you to further free expert advice on all your particular problems. We have helped thousands of women all over the country successfully carry out their home beautifying ideas.

Our files are full of information covering every phase of wall paper decoration. You will find the answer to almost any question you can ask about wall-paper in our new book “Improve it with Wall-paper” and the 10c you pay for it entitles you to free advice at all times on all of your individual problems. (See return postal card in book.)
FOR chill fall days not quite cold enough to start the furnace, for bath, sun-room, rooms hard to heat. This clever unit was found at Standard Electric Stove Co., Toledo, Ohio, average price $25. Has insulated walls and a refractory base which throws glowing heat outward.

SPINACH, carrots, and prunes better look out now, for mother can put them through this monel metal sieve with spatula, removing fibres, or stringy lumps. Glass container, spatula, sieve and cover (without dish) $1.50 prepaid from the Baby-Siv Co., Schenectady, N. Y.

THE oldest, most familiar kitchen utensil is now the newest electric appliance! Engineers out at the West Bend Aluminum Co., West Bend, Wis., have spent a great deal of thought in designing this fine unit out of heavy, solid aluminum with nickel-plated base and extra fine electric unit and cord. Five-pint size; $5; is handy for breakfast and nursery duties, or first aid; the ten-pint size, $5.50, is a boon to the farmer and dairyman. Prices FOB.

HERE is a gentleman in this town named Hamilton O. Cornwall, 225 5th Avenue, who specializes in thousands of small items and this clothes-brush hanger at 3 for $3 prepaid, is typical. Extended it is a hanger, folded it makes a brush right where and when you want it. A good bridge prize or for college students this fall.

HERE (left) is something entirely new—Dri-Stool, a kitchen stool, all-metal, and finished in green or parchment enamel, combining 32 feet of folding rust-proof-plated rods for clothes drying. Saves steps, saves space, adds color. It is made only by Sommers Brothers Appliance Co., Saginaw, Michigan, and will be shipped prepaid USA at $5 each, complete. Mothers particularly will find it a boon.

DON'T for a moment think that these are merely "more electric vacuum cleaners!" The larger is for small apartments where a big heavy machine isn't needed. At $14. it is guaranteed by a reliable maker, and is ideal for light work. Smaller model, $6—is a toy, but its motor actually removes crumbs, etc., from rugs. The young mistress of the house will find it a joy forever. Both delivered 50 miles NY by Mayfair Playthings Store, 9 East 57 St.

AND what have we here?—A brand new aluminum grid to fit your skillet so you can broil steaks, chops or fish in it—thus making the utensil doubly useful. This was discovered among the other products of Wagner Manufacturing Co., Sidney, Ohio; 75 cts. for the broiler grid, p'paid east of Rockies, $1, p'paid west.

AND where are our readers? will find seven new home devices which come from all over the country. The prices show value, and every one is not only useful but has some unusual and unique features which make it hold special interest at this time of year. Send checks or money orders direct to the firm names given, for prompt attention and shipment.
Both sides of these casements can be cleaned from within the room. Every housewife knows the convenience of such a feature.

Even the most familiar landscape takes on a modern glamour when seen through the lovely lines of these mullioned casements. They segment the view, and enhance its charm and restfulness.

From the outside, Lupton Casements are no less distinctive. Their sparkling panes relieve the eye from solid walls of masonry. Their crisp contours heighten the cheerful and hospitable appearance of your home.

Their nicety of line reminds you of the fragile splendor of a Renaissance crystal goblet. Yet against the assaults of storm and gale, these windows opposed the strength of steel. And, of course, steel will not warp or stick in damp weather. The famous Lupton friction-hinge assures effortless operation, and keeps the window from chattering in a night-wind, and destroying sleep.

They carry the most advanced window-improvements. Screens and draping brackets—even plate glass—can be ordered, at minimum cost, with the window. Spring pivots make it possible to attach or detach the screen within one minute.

Lupton Home Casements will add materially to the beauty and comfort of your home. Yet quantity production brings their prices within range of even the modest home. We have prepared a most helpful booklet on window-decoration entitled, "Your Windows Through a Decorator's Eye." May we send you a free copy? David Lupton's Sons Co., 2267 E. Allegheny Ave., Philadelphia, Pa.

Lupton Home Casements add window-beauty to the walls of these charming residences.
HELPFUL BOOKLETS

ARE YOU faced with some problem in constructing, remodeling, furnishing, or equipping your home? There are many helpful ideas and suggestions contained in the literature of reputable manufacturers.

Read the advertisements in this issue carefully and request literature direct from the advertiser wherever possible. Then, if you do not find what you are looking for, scan this list.

The American Home acts as a clearing house between reader and manufacturer. You can order the booklets you wish on the coupon at the bottom of page 82. We will forward your name and address to the manufacturers, and they will send their literature direct to you.

—HEARTHSTONE EDITOR

ORDER BY NUMBER ONLY, USING COUPON ON PAGE 82

Building Material & Equipment

House Wiring Installation

Lumber

BEAUTIFUL WOODWORK AND HOW TO HAVE IT
Western Pine Mfrs. Assn.

SPECIFY SELECTIVE PINE
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Lumber Tub & Builders

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WAXING & CUT HOUT
The Garden-Fan Tone Co.

BRITISH BEAUTY WAXED CUT HOUT
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Brown-Will Stone Co.

BUILDER HOMES
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COLOR IN ASBESTOS SHINGLES
Johns-Manville Co.

TO REDUCE SIZE OF BUILDING
The Construction of Traction Roofs
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ENGLISH TRACTION ASBESTOS SHINGLES
Ambler Asbestos Shingle of Shattuck & Sidebottom Co.

HEATING PLANTS
The Weather Can't Inside These
Franklin H. Smith Co.

FROM ROOF TO ROOF
Midland Insulation Institute

MAKING OLD HOUSES INTO CHARMING HOMES
Weathered Shingled Shedle Co.

Insulating Materials

THE BUILDING BOOK
Kelsey Heating Co.

BEAUTIFUL HANDMADE BRICK
Old Virginia Brick Co.

SHAPES FOR STEELS
Wood Constructions Co.

INCREDIBLE HOME EQUIPMENT
Incalite Co.

A NEW STANDARD OF HOME CONSTRUCTION
Chicago Mill & Lumber Co.

JUST BETWEEN YOU AND THE WEATHER
U. S. Mineral Wool Co.

HOME YOUTH CENTER
Johns-Manville Co.

WALLS & FLOORS
McKee-Sicile Co.

BEAUTIFUL FLOORS
A. S. Boyle Co.

STYLE IN OAK FLOORS
Amerock & C. A. Laffey

NEW COLOR ENHANCER IN HARD MAPLE

AMERICAN ASBESTOS "WALTIL"
Ambler Asbestos Shingle of Shattuck & Sidebottom Co.

MAKING A FLOOR LIVE LONGER
Donald Durham Mfg. Co.

THE MODERN TREND IN WALL COVERINGS
Creo-Dipt Co.

THE SECRECY OF BEAUTIFUL FLOORS
Fiorola Corporation

Flooring Pictures & Bathroom Equipment

NEW BEAUTY & UTILITY IN PLUMBING FIXTURES
McQuay Radiator Corp.

THE VITAL ELEMENT
Richmond Boiler Company

HOT PROOFS
American Brass Co.

BATHROOM ARRANGEMENT
Crate Co.

PICK POINTERS FOR HOME BUILDERS
Reading Iron Co.

MAKING BATHROOMS MORE ATTRACTIVE
The Elderly Bath Co.

PICK UP COLOR
Trendon Tappleton Co.

HEAT WARMING & VENTILATING
Giddings & Lewis Co.

DOMESTIC TOILET CHAIR
Kilton, Inc.

BABY POCKETS
Brunswick-Balke-Collaer Co.

COLOR & STYLE IN BATHROOM DOOR HINGES

ORDER NOW
W. A. Case & Sons

Heating
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THE WINDOW ARTISTIC
Dodge Imperial Corporation

HARDWARE FOR UTILITY AND ORNAMENTATION
McKee-Sicile Co.

IDEAL SCREWDS FOR CURTAIN WINDOWS
Richmond Boiler Company

YOUR HOME THROUGH A DECORATOR'S EYE
David Lauth's Sons Co.

WATER COOLING
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HEAT, FOR WOOD, OIL, OIL, OIL SHORTEN, CLEAN
Widgery Stainless Steel Co.

FIREPLACES FOR THE AMATEUR CARPENTER
Chicago Mill & Lumber Co.

A. C. WEATHERSHIELD COMPANY

INSULATION CHART

INSULATION CHART

VENTILATING SYSTEMS

EXPLOSIVE INSULATION—BY WIND WIND Co.

AEROVAC AND PARCH SHADES
Warren's Fence Works

BEETLE CONTROL
The Mite Cleaner Co.

THE CORRECT ANSWERS FOR YOUR HOME
Ohio Co.

BLINDS

BURLINGTON VENETIAN BLINDS
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THE STANLEY OF CALIFORNIA
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(Co-Continued on page 82)
Gifts for Him—Gifts for Her—Gifts for Everyone
from the four corners of the world—collected in one book—
Free to You—for your convenience in selecting.
Only Gifts which represent special values in originality, uniqueness,
and price are offered, each one daintily wrapped for presentation.
Here you will find a surprise for everyone, that brings the
exclamation, "Where did you get it?" Here you can find
gifts not obtainable in stores generally, and all at moderate
sensible prices. It's fun to open boxes from Kellogg's.
Every Gift in this Unusual catalogue is personally chosen by
Mr. Kellogg, whose gift selections have won the confidence of
thousands of discriminating people.
To any who have not used this restful, time-saving method of
gift buying, we add that every order is shipped with almost
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guaranteed, and that your money will be refunded at once if
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In the comfort of your own home,
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and select your choices from the hundreds of illustrated articles.
Send today for your Free copy.

ROBERT W. KELLOGG, Inc.
14 Park Street, Springfield, Mass.

Send me FREE your 1931 Catalogue of "Gifts Unusual".

Name

Address


W e cannot all have dream palaces for our abode ... but every home may add a bit of charm and elegance here and there with these fascinating pieces of Roseville Pottery.

Voguish, modern, the new conceptions of Roseville craftsmen are distinguished by that little touch which defines so undeniably one's good taste.

And how exquisitely colored! Rich blendings of October's fairy tints. The brown and gold of frost-nipped leaves. The blue of the sky and the green of the sea. All mingling in a rare delightfulness.

The prices of genuine Roseville Pottery are so modest that no one need deny oneself the joy of owning pottery so alluring! There are many more pieces in this design besides those illustrated ... vases, jars and bowls in various sizes and shapes. Other patterns and styles, too, which you will want to see. Ask for Roseville Pottery at leading gift shops and department stores.

Weiss and a copy of the interesting booklet, "Pottery" will be sent free.

THE ROSEVILLE POTTERY COMPANY, Zanesville, Ohio

ROSEVILLE POTTERY

HELPFUL BOOKLETS
Continued from page 80

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Hoffman Specialty Co. 606

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Brown & Bigelow Co. 553

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For my information only, will you please state briefly, the plans you have in mind which lead to your request for booklets.

Be sure that you have first looked through the advertising pages and requested booklets direct from the advertiser wherever possible.

—HEARTHSTONE EDITOR

HEARTHSTONE EDITOR, THE AMERICAN HOME, GARDEN CITY, N. Y.

1. I am planning to

2. Please send (at no expense to me) the following booklets.

(Insert numbers from list)

Name:

P. O. Address:

City...State...Oct.
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Many people who are delighted with the ease and quickness of erecting Hodgson Houses have asked us whether they are practical for cold weather. The best answer is the experience of those who have used their Hodgson Houses all year round—some in the most rigorous climates. Their letters are reprinted in our free booklet. 

Insulated with Celotex, a Hodgson House defies extremes of heat or cold, and if you install well-planned fireplaces or a heating plant, you are assured plenty of warmth. The house is staunch; the blasts of winter will not shake it, and you’ll have no repairs for years. Weather-proof cedar and Douglas fir are used in construction. 

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Made of glass, green or pink. With six sterling silver spoons. Send for catalog.
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Decorate Home Articles
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Both applied to Furniture, Closet Doors, etc. Catalog showing 800 Designs of All Types and sizes in color and usually sold for 25c. will be sent, until Oct. 10th, for 15c.
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Do you have a Modern Water System?

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Your copy of the interesting and instructive booklet, "How to Have Running Water," will be mailed promptly on the receipt of your name and address. There is no cost or obligation to you.

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ALSO BUILDERS OF THE FAMOUS Star Windmills

Change to the COAL BURNING MULTI-FLOW HOT WATER HEATER
with AQUA-MATIC REGULATOR

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The National Pipe Bending Co.
207 River Street New Haven, Conn. Est. 1883
AUTOMATIC HEAT . . . with an EXTRA ROOM

HERE is an extra room in your home waiting for you to use. Your basement can become a livable room—suitable for a playroom, den, workshop, gymnasium or any other use.

There is no soot, no dirt, no fuel storage, no ash removal, no noise. Ideal Gas Boilers burn noiselessly, cleanly and efficiently. And they automatically keep your home at just the temperature desired without any attention from season's beginning to season's end.

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Mail the coupon below for a free folder that will tell you all about Ideal Gas house heating.

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Division of American Radiator & Standard Sanitary Corporation

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What you ought to know about spring bulbs

I. GEORGE QUNT

WHEN the first Crocus pokes its dainty head through the earth and raises its face to the sun, then and not until then, is spring officially welcomed by the gardener.

And when masses of bulbs, planted the previous fall, burst into bloom in front of shrubbery, gardens, under trees and on lawns, then is the gardener's delight supreme. There is no mystery about these bulbs. Their culture is relatively easy, but they should be planted soon. Important points are covered in the following questionnaires:

1-What are the most popular spring flowering bulbs?

Crocus, Narcissus, Snowdrops, Tulips, Hycnthis, Scillas, Chinodoxa, and the hardy garden Lilies. The Tulip is the most popular and most widely grown.

2-How in the various types of Tulip be recognized?

Darwins: Long stems, self-colored, blooms single, in the order of Robe, Peacock, Yellow, red, and green. Petals fringed and deeply cut.


Rembrandt: Flattened, striped flowers in gay, unusual colors.

3-What kind of soil do these bulbs require?

Rich, mellow, well drained and deeply spaded soil will pay the greatest dividends. When planting, dig up the soil and expose it to the sun and air until it crumbles. Work it well so that there are no lumps. Mix with bone meal or well rotted barnyard manure.

4-How should bulbs be planted?

The following chart should solve most problems:

<table>
<thead>
<tr>
<th>NAME</th>
<th>DEPTH APART</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crocus</td>
<td>3 in. 4 in.</td>
</tr>
<tr>
<td>Chinodoxa</td>
<td>3 in. 4 in.</td>
</tr>
</tbody>
</table>

Lilies 8 in. 12 in. Narcissus (large) 5 in. 8 in. Narcissus (small) 5 in. 6 in. Hycnthis 8 in. Tulips 4 in. 6 in. Scilla 3 in. 4 in. Muscari 3 in. 5 in. Snowdrops 2 in. 3 in.

The rule of thumb is to cover the bulbs about 1/2 times their own depth. It is best not to dig a hole and then drop the bulb into it, but to dig a trench the required depth and length, and place the bulbs in it at regular intervals. In planting a circular bed, dig trenches starting from the center and continuing to the circumference.

5-After bulbs are planted how should they be treated?

Planting early enough, in October, so that the bulbs may make root growth before the heavy frosts set in, give them a light mulch. Watch for the unusually mild days in winter, when bulbs may start to send up leaves. In such event, cover the plants with straw or soil, so that the leaves will not be injured. Last winter many plants were ruined in New York State because of the extremely mild weather for days at a time. Leaves shot up, and gardeners neglected to cover them, so that when frosts again came the plants were spoiled.

6-What treatment should be given after flowering?

Hardy bulbs need not be lifted every year. Once in three years will be sufficient. Remove the bulbs after the flower stalks turn white and before they become brittle. This is usually about the end of June.

7-How should bulbs be cared for after being taken up?

Clean the bulbs and store in a cool, dry place, preferably in boxes or trays with sand.

8-After bulbs finish blossoming there is a bare spot in the garden. What can be done to eliminate this condition?

Plant shallow-rooted annuals in the places left vacant. Deep-rooted annuals may be planted, by removing the bulbs and their stalks; and heel in the bulbs in an unused corner of the garden until August, when they should be dug and cleaned, then put away.

The ounce of prevention

Continued from page 74

came the striped cucumber beetle, and the disease from the Wild Cucumber to the cultivated plant; and the melon aphis was the chief agency in transmitting it from those other hosts. Thorough eradication of plants was spoiled. But the soil and the stumps. When planting, dig up the soil and expose it to the sun and air until it crumbles. Work it well so that there are no lumps. Mix with bone meal or well rotted barnyard manure.

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The ounce of prevention

Continued from page 74

sand. I am going to save all the vegetable matter possible. I have a compost pile on which the safe things will be turned into humus, together with the aid of some Adco.

Corn is the only vegetable in my garden (outside of Tomatoes) and the stumps will go on the compost pile for all small bulbs are removed and burned as soon as they appear. It is also safe to throw in all the weeds that may be gathered up, with the exception of those previously mentioned as carrying disease; also the refuse of Salvia, Parsnip, Onion, Cauliflower, Cabbage and Carrots. There may be insects on them but they cannot withstand the heat of the fermenting compost pile.
FORESTBLEND FACE BRICK IS PERMANENTLY BEAUTIFUL

October, 1930

This Forestblend home would be a source of pride to any owner or any community. Skillful architectural design has created this charming home with exterior walls of Forestblend face brick. These walls will never need painting. Their color is burned in to last for all time. They are fireproof and the dwelling costs less to insure.

This home is but one of many shown in the Forestblend Plan Book "Beauty in Brick." Write for this book today. It contains illustrations of forty-five homes and floor plans as well as many pertinent suggestions which will save the prospective builder money. The price is only fifty cents.

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Sugarcreek, Ohio

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Send me your new and enlarged plan book at once. Enclosed is fifty cents.

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Address

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Trademark Registered

The Hartford Courant
June 23, 1930

The BUILT-IN DISHPAN
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Keep Your Baby Safe!

City Nursery Babies Died Tragically
In Last Year Two More Strengths When Heads Were Counted Here of Cribs There

Facts Revealed By Investigation
Charity Board Meeting To-night Will Discuss Tragedy
Made Public by Municipal Home Administration

This Could Never Have Happened in GEM CRIBS

Gem Cribs have been built to prevent just such dreadful accidents. Even the tiniest baby's head cannot be wedged between the narrow spaces of our cribs. Gem Cribs are not only lovely in design. They assure you absolute safety for baby. Write for our free booklet on safe and beautiful nursery furniture.

GEM CRIB AND CRADLE CO., Gardner, Mass.

THE WASHABLE WINDOW SHADE

"Once again this window shade is clean... I scrubbed it!"

Special Offer
A Sample Tontine Shade for $1.00

We want you to see that everything we say about Tontine is true, send us the coupon below with a dollar bill, which order you prefer. We will send you a shade specially made to your measurements. When you get it, test it. Deliberately smear dirt on it—the shade with a brush, soap and hot water. Its beauty will be instantly restored. Only one shade (not exceeding 40" wide) can be sent to any one home at this special price. The regular retail price, depending on length, width, etc., at the authorized Tontine dealer in your city, is from $2.25 up.

Remember, it's a sample shade, not half the price of the Tontine shade as sold in our stores.

Tontine Testing Laboratory, Inc.
142 Delaware Avenue, Newburgh, N. Y.

E. I. DU PONT DE NEMOURS & CO., Inc.

Follow These Details

1. Measure from tip to tip, including pins. Use yard stick and measurements, When you get it, test it. Deliberately smear dirt on it—the shade with a brush, soap and hot water. Its beauty will be instantly restored.

2. Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram above). Measurement must be made within this shade tubing in order to assure a perfect fit. The length of the Tontine test shade may vary from 72 inches in length, shade unrolled when you get it, test it. Deliberately smear dirt on it—the shade with a brush, soap and hot water. Its beauty will be instantly restored. Only one shade (not exceeding 40" wide) can be sent to any one home at this special price. The regular retail price, depending on length, width, etc., at the authorized Tontine dealer in your city, is from $2.25 up.

3. Fill out coupon fully. Pin $1.00 to coupon.

4. (This offer closes January 1, 1931)

Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram above). Measure also length of shade unrolled. Fill out coupon fully. Pin $1.00 to coupon.
Spring flowers from fall set bulbs

Many pleasing combinations of spring flowering bulbs will brighten your garden flowers and shrubs may be worked out by lovers of color harmony.

Van Houtte Spireas appears even more lovely with a foreground of Narcissus, Tulips, or Hyacinths almost any shade. Bleeding heart is set off to excellent advantage with white Tulips. Many of the Dwarf Iris combine beautifully when used as a border for bulb beds. Try some Forget-me-nots (blue) with red or white Early Tulips, white Hyacinths, or yellow Daffodils. Hardy Pinks (Dianthus allwoodii) may be used in front of Narcissus to hide their withering foliage.

Most of the Dutch bulbs lend themselves to naturalizing in grassy locations in meadows, on hillsides, beneath trees, along walks or drives, and along the banks of pools or streams.

Narcissus is the bulb most commonly used in naturalizing in large masses and when planted in groups by making a trench or furrow of the necessary depth to leave the top of the bulb the correct distance below the natural level of the soil. Place all the bulbs in position before filling the trench. Keep a layer of loose soil in the bottom of the trench or provide a half-inch layer of sand. The use of sand is especially helpful in providing drainage in heavy soils. It is difficult to secure an even planting depth where trowels or dibbles are used. Give each plant sufficient space for maximum development as is indicated in the table above.

Generally speaking with the exception of the Narcissus, which are no longer imported, most of our spring flowering bulbs are grown in Holland; hence the term “Dutch bulbs.” The bulbs are stored in Holland from June until September, arriving in America during September and October. They are planted here during October, November, and December—so long as the soil is workable. When the end of the growing season comes early in your locality, prepare the soil late in the summer and cover with about twelve to eighteen inches of straw to keep the ground from freezing before the bulbs may be secured and planted. Even early spring planting frequently is successful. If conditions make fall planting impossible do not give up the pleasure of growing a Dutch bulb garden but plant the bulbs as early in the spring as possible.

After the ground is permanently frozen for the winter apply a top dressing of straw, moss, or well-rotted manure. This will help to stop the early winter months from spurring. Leave the mulch on the spring until freezing weather is past. Then clean it and pen the surface of the ground loose and free from weeds after the foliage appears. Avoid removing the foliage when cutting the blooms. The foliage grows for a few weeks, storing up energy to provide flowers the following year, and then dies down and does not appear until the next spring. Cut off all blossom stems after the petals have fallen to prevent the formation of seeds. This also helps to conserve the energy of the bulb, diverting it toward greater flower production the following year.
A TUTTLE & BAILEY RADIATOR CABINET
FOR THE PRICE OF AN INFERIOR MAKE

THE FRANKLIN
same T & B superior workmanship,
same T & B superior quality,
same T & B superior design,
and same T & B superior finish.
From the experience of 84 years in heating and ventilating.

A NEW STYLE
for modernizing the home,
for beauty and cleanliness,
for better distributed heat,
and a saving on your fuel bills.
Phone Murray Hill 8600
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New York  Boston  Chicago  Kansas City
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HOME INSULATION
Assures Protection, Comfort, and Saving

In homes where good taste prevails, Pewter by Poole is the preferred ware for decoration and use. Its softly gleaming lustre adds distinction to home furnishings, antique or modern. Composed strictly after an old English formula, Pewter by Poole is sturdy and durable, will not tarnish, is not affected by liquid contents. Fine Jewelry and Gift Shops display Pewter by Poole in hundreds of lovely pieces, reproducing early American and Old English masterpieces which become more precious and lustrous with the passing years.

When purchasing, identify the genuine by the Poole Hallmark stamped on each piece.
Write for Free Illustrated Booklet of Gift Suggestions
POOLE SILVER CO.  TAUNTON, MASS.

Better, more comfortable homes, with reduced upkeep can be had by the use of U. S. Mineral Wool.
To properly insulate a home, this all-mineral, sanitary material is placed in the walls and rafters, and between floors. This protective shield, through which heat or cold cannot penetrate, will quickly pay for installation cost in winter fuel savings. It never has to be renewed.
U. S. Mineral Wool is indestructible, sound-deadening, easily applied and inexpensive.
Investigate it before building. Write for Free sample and illustrated booklet.

UNITED STATES MINERAL WOOL CO.
Dept. C, 280 Madison Ave., New York
Western Connection—Columbia Mineral Wool Co., S. Milwaukee, Wis.
Spring flowers from fall set bulbs

Continued from page 86

Their bright, vivid colors are their greatest charm. In planting beds, one solid color usually proves most effective, although many color combinations work out very effectively. In formal plantings a contrasting color may be used as an edging or border planting to set off a large bed of a single variety. In the less formal garden many harmonious color blends may be secured by using more delicate shades.

The gay Snowdrops and the Crocusus often bloom before the last spring snow has melted away. These are followed by Scillas and early Hyacinth in quick succession and as the sun becomes a little warmer, the Daffodils and white Narcissus furnish a wealth of bloom and beauty. The dainty blue of the Grape Hyacinth is not seen as frequently as it should be in smaller gardens but once its beauty is discovered it always is admired. The large double Hyacinths present a picture of exquisite beauty and their fragrance is loved by many. The Early Tulips are well in bloom before the beauty of the Hyacinth and Narcissus fades and their brilliance and variety of color warms the heart of any garden lover. Following the Early Tulips come several other types; the Darwin with their distinct and stately style of growth, bearing flowers of many shades on long, strong stems; the popular Cottage or May-flowering Tulips noted for their extreme hardiness and long lasting qualities, and the Old Dutch or Breeder varieties, whose colors are unexcelled by any group. For those who prefer them the double Tulips present a pleasing diversion and to those who have a keen sense of humor the Parrot or Dragon varieties, with their grotesque forms and brilliant colors, furnish the subject for many a laugh.

The indoor culture of Holland bulbs makes it possible to secure abundant bloom far in advance of their natural season of flowering, and no home need be without late winter flowers if the indoor culture of bulbs is undertaken. Neither greenhouse nor indoor expensive equipment is necessary. If a liberal quantity of bulbs be planted in the fall and brought into the warmth successively after the middle of January, an abundant supply of flowers and sends out to its members pamphlets, booklets, and symposium reports. The Botanic Gardens and Public Gardens in many cities have the growing plants in test gardens labeled, that visitors may learn and study. Of course we all know the bulb plants of other countries as well as our own.

The before planting a perennial garden, learn all you can about the cultivation and varieties that you will plant in it. Learn the best soil and the best location and then go ahead and make your garden and enjoy it. If you have to keep your house and garden and no choice then find out what kind of plants will thrive in that special location. The full sunlight is the best place to put a perennial garden. You will want your garden in bloom from April to late frost. So begin with bulbs that bloom in spring and end with Chrysanthemums and Gladiolus. Of course we all know the bulb plants are not to be regarded as perennials, but aside from the Dahlia and the Gladiolus, which are multipe years, and are hardy, the warmer temperatures gradually as in the case of potted bulbs. This type of culture is especially fascinating as it permits the observation of both root and shoot growth.

Perennial blooms for your garden

Continued from page 41

T/N for new homes and old

T/N is so quiet you can hardly hear the quick, thorough flushing action. And T/N is so trouble-free and low in cost. Whether you're remodeling or building a new home, you need its trim, smart, it's a bathbuilding a new home, you need its

T/N for new homes

The High Cost of Lost Heat

It sells as much air-leakage through cracks around windows and doors. It sells why sealed double windows mean better comfort. With the booklet comes a free home-loss analysis that shows, in advance, exactly why Monarch metal weatherstrip will save you from $55 to $100 each year for the life of your home. It's estimates made by factory trained experts.

MAIL COUPON FOR FREE BOOK

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Continued from page 88

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October, 1930
Evolution of the rock garden-lily pool

Continued from page 42

My own lot I found to be most ideally suited to the requirements of an alpine garden, which is not "just a rock garden," but a reproduction of a bit of natural alpine landscape—a mountain lake surrounded by hills, and bits of alpine woodland, with tiny brooks winding through their silvery splendor, and a defile against mossy rocks—a grotto, or even a pond or brook in its naturally beautiful surroundings.

And such a garden could be achieved in my own backyard, my education revealed to me. By selecting the effect of nearby and distant forests with characteristic plantings of evergreens and flowering shrubbery.

I was astonished to learn that any rock garden would be hideously misrepresented if made of boulders, or blasted or quarry rocks (especially if set on end with sharp upward peaking ends), if it lacked some variety. Each very large one, would produce the most beautiful garden rock.

When it came to the question of plant selections I found that a rockery of any description requires intimate knowledge both of natural alpine plants and conditions, and a definite understanding of what rock plant life really is! I was very much impressed with the importance of a heavy iron drainage, for instance, when I learned that in their natural element rock plants grow roots several feet long, hence provision must be made for just such root extension.

This general suggestion proved very helpful in rock plant understanding. Trailing plants should be given a higher position in the rockery, so that they might develop their full beauty by hanging downward. Creeping and carpeting types are used for covering the crevices between rocks or over the stepping places. Bushy plants should be selected for "specimen" prominent locations.

A limited number of varieties of choice selection, is far more interesting than many more of the less many different kinds. And instead of scattering several plantings of a single variety all over the rockery, it is much better to place a single pocket with several plants of one variety, which then blends into the next variety in the adjoining pocket, and so on.

So my rocky backyard was all spaded up, and every rock sifted out through a screen of a heavy iron screen. And then within the sweeping irregular curve that was to make the place picturesque for my shrubbery beds excavation was started for my rock garden-lily pond, that was to suggest a lovely little lake, surrounded by gradually rising forests.

The pond bed was dug about three feet deep, eight or ten feet long, and its greatest width varying from about three to a half feet wide. Substituting the customary but unsightly and unlovely pebbles, rocks, and pebbles, the excavation and grading work was dug still deeper, each of them having a width of about two feet and a half being all of some ten inches. And in the rear of the place where the pond was to be was dug a still deeper but smaller excavation lined with small stones to be used as a cesspool for the overflow.

The gradual evolution of the hole to a lily pond was fascinating. First it was lined with large rocks, placed in irregular formation with mossy sides exposed. Next it was spread over with a three-inch thick cement mixture, that was pushed in between the rocks to seal them tightly against water seepage, and later camouflaged the same color as the rocks themselves.

I planted some moisture hills and valleys, the rocks at the rear of the pond were of largest size, gradually diminishing in both size and number till at the front but one or two small heads were visible. And every rock was made absolutely immovable before the rockery area was put on, so that by merely turning over a little cleverly concealed shut-off valve the water would flow on the tops of the rocks, a definite water line being established by the piped outlet leading to the cesspool.

The true alpine image was achieved in the plant selections—blue here, gold there, scarlet, pink, lavender, purple, white, and every color! Not a repetition of variety, and blooming assured from earliest spring to winter frost time.

Then came the shrubbery planting, with fine regard for contrast of leafage and closely linked flowering periods, and last of all—the sprinkling of grass seed.

And then—first a delightful illusive, emerald green gauze softly veiling the rich, dark soil, and thickening daily till eventually it became a carpet of richest velvet. Then the gradual development of shrubs and flowers bursting into leaf, bud, and blossoming. From February to April blossoms of virgin white and piquant yellow pre-vailed, then May blues and violets from palest to deepest hues. June witnessed the gardens flushing with delicate deep pinks, like a bride's blossoming maiden, with white once more like bridal wreath. In July came the beautiful and orange, and as summer advanced the grand ensemble of blues, pinks, violets, purples, and yellows, the latter two shadesing their song of color much the loveliest of all! Then, like a final trumpet blare, the late arrivals in reds and deep glowing golds, to remain in the rockery till frost sets in.

But even frost cannot kill the beauty of the alpine garden, for when blossoming ceases, the soft, fluffy clumps of green in fascinating leaf clusters, with light gray-green, through the grass tufts to both dull and glossy leaf greens, prolonging that at no time does anything appear like just a pile of rocks! Surrounded the rockery were perennials and shrubbery. First the evergreens, then the taller varieties, and at the rear tree height specimens, so delightfully duplicating alpine scenery.

My rockery has been a delight since the very beginning.

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LAMPS, lamps, lamps! I've looked at thousands in a search for unusual values this month, and here is the result. (Left) A quaint medium sized table lamp of the student type 18" ht., 8" round parchment map shade, $8.75. (Center) Interesting glass fount lamp, 8" Washington medallion on shade; useful in a hall, on bedside table or dresser; 12½" ht. Glass fount comes in same colors as lamp at right; $6.75. (Right) An odd and attractive table lamp, ht. 15", with glass fount in rose, amber, green, or crystal; 8" square 4 panel Clipper Ship shade in lovely blue-greens, $9.75. Treasure Trail, 49 West 23rd Street, New York, prices complete with shades, FOB New York.

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CHILDREN of all ages from five to fifty should get enjoyment from watching these Pixie Plants grow. I remember the fascination as a child. The plants grow in forty-eight hours, and are watered three times daily. We ran across these at The Playroom, 220 West 98th Street; 6 tiny flower pots containing earth and seeds; tiny watering can, etc., complete $1.25 ppd.

AND what manner of animal is this, to be sure? "A giraffe," says Ovingtons, which is one of America's finest gift shops on 5th Avenue. "But what kind of a giraffe?" say we. "A pencil holding giraffe," is the reply—and that is just what it is—spring steel wire neck to bend at a touch, ht. 13 1/2", colorful spotted base and pencil. $3.50 del. 100 miles N.Y.

THE once-famous Tally-Ho forms the basis for this colorful cut-out silhouette wooden wall panel, and the combination of rich midnight blue, yellow, and touches of natural color here and there make it quite effective. The originators of this are Toy Furniture Shop, 31 Market Square, Providence, R. I. (who make such charming tiny-toys and miniature houses for youngsters); 9 x 22 3/4". This plaque will finish off space in a room at college or school; will fit in the library or informal living room. $7.50, postpaid.

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BEAUX ARTS 55 WEST 45TH STREET NEW YORK CITY
AGAIN it is the Musk, but with some real information. As I suspected from the first, several of my correspondents and myself have had two totally different plants in mind when thinking and speaking of Musk. A few friends sent me plants which were known to them as Musk. These plants were variously described to me in the accompanying letters in distinctly unfavorable language. At a first glance, it was quite obvious that they were not the Musk plant of my mind, the yellow flowered Mimulus moschatus; and now they have flowered, confirming the suspicion that I had all along, that they were some form of composite. These so-called Musks have turned out to be nothing more or less than the old-fashioned pungent smelling herb, Tansy, around which there has been a good deal written in days gone by and to which certain medical properties have been ascribed—falsely to be sure—but nevertheless it did have a certain reputation. I agree that the Tansy is a pestiferous weed and not worth introduction into any well kept garden. It certainly has no decorative value except to make a very rank growth in a wild neglected bit of meadowland but as a garden flower it is completely and positively valueless. So that’s that.

There still remains the fact that the true plant which we may call the Musk-scented Mimulus or Monkeyflower has lost the one characteristic that made it really appealing—the Musk-like odor. And so we are where we began. The fragrant Musk is musky no more.

As I write, I have an abundance of plants around me growing prettily enough in beds where they serve charmingly in a blue and yellow combination in a somewhat formal corner of the garden in company with Crystal Palace Gem Lobelia. Yes, the Musk has lost its savor. Not only the plants that have been sent here from seed; but also plants which have been sent and brought to me by friends who have participated in my interest in the plant. So much is settled. Perhaps one day its odor will return.

But, fortunately, Musk is not the only topic about which there may be differences of opinion. One cannot be too dogmatic with anything concerning the garden. Soils, climates, situations differ, to say nothing of personal preferences and idiosyncrasies. What, for instance, do you say to actually defending Crab grass on the lawn? Yes, it is a fact. Personally, I go to considerable pains to eradicate what I have regarded as a noxious weed but here is someone from South Carolina in its defense.

CRAB GRASS FOR THE LAWN

IT ALWAYS interests me to read what people have to say about the evils of Crab grass for if it were not for Crab grass, many, many people through this section would have no lawns. I drove from Raleigh to Asheville last summer, going one way and coming back another, and the best looking lawns I saw anywhere were chiefly of Crab grass. I encourage its growth on my lawn. Kept cut regularly it makes a very good lawn. Not so good perhaps as Bermuda but certain better than sickly looking Bluegrass. I have struggled with Bluegrass and come to the conclusion that we in this part of the world (North Carolina) might just as well give it up. There is an annual Bluegrass that seems to be native here that comes up in the fall, lives all winter, seeds profusely, and dies in the spring. If we can get the combination of that and Crab grass with a foundation of Bermuda, why perhaps after a while we may get good lawns all the year round.—Isabel B. Busbee.
All during the Spring, Summer, and Fall you have taken the bounteous offers Nature has provided in your garden—flowers, fruits, vegetables, beauty! Do you appreciate the colossal effort, the work, your plants have done—and now their need for rest! and protection! This is the time of year. All evergreens, from the killing winter mulch to protect them and lawns need a winter warmth, its soil-building and humus content. Given this they will be protected from winter killing and will come back to you next spring, more beautiful and stronger. Given the bounteous beauty again next year. This is the one time during all the year when you must do your part and now their need for rest! and protection!

To enjoy them together in your own garden next season

Plant Schling's Bulbs This Fall

DARWINs and Cottage, single and double, early and late—their lovely cups brimming with color and nodding a merry "good morning" to you every day for weeks—from early April to June in fact—How can you afford to miss them!

To bring the joys of Tulip time to as many as possible we make the following very special offers, all bulbs guaranteed top size and very first quality.

### Extraordinary Offer

<table>
<thead>
<tr>
<th>Varieties</th>
<th>Price</th>
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<tbody>
<tr>
<td>100 DARWIN TULIPS</td>
<td>$4.00</td>
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Schling's Special Border as pictured above from right to left

- Centennale—Rich violet-rose with large blue center. Enormous flower of perfect shape. $0.50 $5.00 $50.00
- Philippe de Comines—A stately, velvety maroon-black tulip of beautiful form. $1.00 7.50 75.00
- Rev. H. Elcock—Lovely heliotrope tulip in full, graceful stem. $0.50 6.00 60.00
- Princess Elizabeth—A beautiful rose color with blood edges—a lovely form. $0.50 6.00 60.00
- Prince of the Netherlands—Gentile-scarlet, daintily flushed with salmon. Extra-large flowers. 1.00 7.50 75.00

**SPECIAL COLLECTION PRICES**

- 100 each of the above 5 varieties (50 bulbs in all) $45.00
- 100 each of the above 5 varieties (50 bulbs in all) $30.00
- 100 each of the above 5 varieties (50 bulbs in all) $20.00

### Daffodils and Narcissi

For Naturalizing and Lawn Planting

<table>
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<tr>
<td>100 Bulbs</td>
<td>$6.50</td>
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---and last but not least here is Schling's "Variety" Collection of Spring-Flowering Bulbs—a very special value!

**Splendid Investment in Spring Beauty!**

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**Full Value**

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**TOTAL VALUE $60.75**

Delivered anywhere in the United States

- 5,000 Bulbs or 9 offers as above $24.00
- 10,000 Bulbs or 10 offers as above $47.00

At these prices you may buy them freely—plant them freely and reap a glorious harvest of perennial delight.

---

Since 1876 Vaughan's Seed Store has been one of the largest American importers of bulbs. Florists and private estate gardeners are our largest customers. The expert service which these professionals rely upon to insure quality and value, is available to you.

**OUR RAINBOW GARDEN OF TULIPS**—portrayed to you for $1, includes 50 bulbs; 6 each of 10 named varieties of May-flowering tulips, of the Darwin, Cottate, and Breeder classes, all first size bulbs. A wonderful value.

**LOUIS XIV**, the famous purple and gold breeder tulip, tallest, largest, and finest of all, portpaid three hundred miles, $1.25 per dozen.

One each (12 bulbs) of the varieties listed below, separately labeled, portpaid, $4.00; three each (36 bulbs), $2.75; six each (72 bulbs), $5.00.

<table>
<thead>
<tr>
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<tr>
<td>Farncombe Sanders,</td>
<td>$0.50</td>
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<tr>
<td>Darwin</td>
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<td>Zara (Darwin)</td>
<td>$2.00</td>
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<td>Meinhardt (Breeder)</td>
<td>$1.25</td>
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<tr>
<td>Massachusetts (Darwin)</td>
<td>$1.00</td>
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<tr>
<td>Tarente (Breeder)</td>
<td>$1.75</td>
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<td>Inglescomb Yellow</td>
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<td>Courage</td>
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<td>Prof. Ravenhoff (Darwin)</td>
<td>$1.00</td>
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<tr>
<td>Pride of Haarlem (Darwin)</td>
<td>$1.00</td>
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<tr>
<td>Valentine (Darwin)</td>
<td>$1.25</td>
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<tr>
<td>Arminia (Lily Flowered)</td>
<td>$1.00</td>
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<tr>
<td>Mrs. Moon (Cottage)</td>
<td>$1.25</td>
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**THE MOST BEAUTIFUL BULB CATALOG**

Our Fall Catalog "Spring Flowering Bulbs" gives complete illustrated lists of tulips, narcissi, lilies, and all other fall bulbs, with descriptions and cultural directions. It is free on request.

**Vaughan's Seed Store**

10 W. Randolph St. 47 Barclay St. Chicago New York City
Special Bulbs and Plants

For October Border and Rockery Planting

BE it known, friends, that this month of October is one of the best for border and rock garden planting. Of course you must plant bulbs in the fall. So while you are doing that you might just as well set out some of our hardy plants. Some there are which seem to crave a border place. Others that are happiest in your rock garden. If the least in doubt what and where to plant, our Bulb and Hardy Plant Catalogs will help you out. One thing sure, no one has as extensive a collection of bulbs and lilies of all kinds, even to the wild ones. As for our plants, every one will be full rooted heavy field-grown clumps that bloom your first year.

For 25 Cents
If all in doubt about planting and cultural care send 25 cents each for our Rock Garden and Bulb booklets. Deduct their cost from your first order.

Garden Reminders

North

The Flower Garden. Set out bulbs for spring bloom—April. Perennials, shrubs, and annuals of all the hardier sorts, as well as most of the hardy bulbs, are best planted this month. There should be time enough before a severe frost for a good root system to develop. This will enable them to bloom early in the coming year. Though Sweet-peas are usually sown in September, it is not too late to start them the first week in October. These should give blossom from January on to hot weather, and may be of the later varieties. The early ones, planted in August, should bloom by Christmas.

The Vegetable Garden. Plant annuals, perennials, and bulbs.

South

October in the Far South is as busy a month as April. Perennials, shrubs, and annuals of all the hardier sorts, as well as most of the hardy bulbs, are best planted this month. There should be time enough before a severe frost for a good root system to develop. This will enable them to bloom early in the coming year. Though Sweet-peas are usually sown in September, it is not too late to start them the first week in October. These should give blossom from January on to hot weather, and may be of the later varieties. The early ones, planted in August, should bloom by Christmas.

The Flower Garden. Plant annuals, perennials, and bulbs.

The Vegetable Garden. Plant annuals, perennials, and bulbs.

Choose Iris collections at correspondingly low prices. Our catalog lists over 350 varieties of Peonies, Iris, and Roses. Write for it today.

Choice Iris collections at correspondingly low prices. Our catalog lists over 350 varieties of Peonies, Iris, and Roses. Write for it today.

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Glimpses of Old Holland in the New World

WOODEN SHOES and Windmills, Tulips and Hyacinths, we had plenty of most of these right along here at "Tulipdom"—except the Windmill! And that arrived last Spring! It now is our "Welcome" sign to visitors from everywhere. It stands as a symbol of Dutch integrity, a promise to maintain our policy of delivering only

"Bulbs in a Class all Their Own"

Consistent winners of highest awards at all leading Spring Flower Shows, Zandbergen Tulips have won a permanent niche in the hearts of exacting garden hobbyists throughout the land. Write today for

Free Catalog "Greetings from Tulipdom"

Will prove both interesting and instructive. Freely illustrated from photographs, accurately describing the finest quality Tulips in the world, and offering them generally for less than asked by other bulb specialists, it serves as the key to unlock the portal to finer bulb gardens. When writing kindly mention American Home.

Some Tulips on Hand NOW!

At prices quoted these varieties represent the greatest Tulip value in a strictly quality product. Compare! There are many other varieties besides those described below, offered in our surplus list for which please ask.

CHOOSE DARWINs

Apricot. A bronzy buff shaded apricot. $1.15 per doz.; $8.00 per 100.

Bronza. A red shade of golden brown. $1.20 per doz.; $8.50 per 100.

Golden Parfait. Purple and violet. 95c per doz.; $5.40 per 100.

Gesneriana Spathulata. Dazzling crimson-scarlet. 80c per doz.; $5.40 per 100.

Prince Albert. Mahogany shaded violet. $1.25 per doz.; $8.00 per 100.

Prize of Haarlem. A superb rose carmine. 75c per doz.; $4.90 per 100.

Professor Rothemund. Bright red. 80c per doz.; $5.40 per 100.

Professor Royal Ordway. Orange yolk. $1.25 per doz.; $8.50 per 100.

Rosalba. A rose with golden edge. 75c per doz.; $4.90 per 100.

Topaz. Salmon-red edged orange-brown. $1.25 per doz.; $8.50 per 100.

Collection:

1 each of the above 12 series, 30 bulbs........ $3.75

25 each of the above 12 series, 300 bulbs........ $31.25

Dreer's Autumn Catalog

fully describes above marvelous and many other charming Tulips as well as Hyacinths, Daffodils and all other worthwhile bulbs for fall planting. It also offers the finest in dormant field-grown Roses, hardy plants, seeds of all kinds for present sowing—everything of the well-known Dreer standard of quality. You are invited to write for this fall planting guide and please mention this publication.

Henry A. Dreer

How to Plant the HOME GROUNDS

- is the title of a booklet written by E. H. ("Chinese") Wilson, Director of Arnold Arboretum, world famous authority on plant life, especially to help the home owner achieve modern and more beautiful home grounds. Send First upon request.

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- tells in detail how to plan and plant an Outdoor Living Room in modern style. Send only 25c for this comprehensive booklet.

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East, West, Gardeners Agree

I must give you credit for having the finest and best magazine on gardening that is published in the world, or the other country."—J. W. A., Quebec, Can.

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Bobbink & Atkins
Ask for Catalog
Visit Nursery

Roses—Autumn Planting

Several hundred thousand 2-year-old low budded field-grown plants, in several hundred varieties, are ready for autumn shipment. These include all new and rare varieties of Hybrid Tea and Tea Roses, Hybrid Perpetuals, an extensive list of both Climbing Roses, and Roses adapted to all parts of the country.

"Roses, by Bobbink & Atkins," our Rose catalog, is a comprehensive list of the best Roses in America. Many new and rare Roses are included in the 945 varieties presented in its pages. All are truthfully described, with comments on their merits and demerits. Varieties are classified and arranged to make ordering easy. A copy will be mailed on request to those who intend to plant Roses.

Old-Fashioned Flowers

New old-fashioned flowers for perennial gardens, rock gardens, ground covers, woodland plantings, dry soils, and more places. Ask for our catalog "Hardy Herbaceous Plants" if you intend to plant these old-fashioned flowers.

Our Specialties

Deciduous and evergreen Arbilis, Kalanchoe, Chinese Magnolias, Kolkwitzia, Cornus, the deciduous and evergreen Hedges, Pyracantha, and Phormium or Toona. Ask for special evergreen catalog.

In your request for catalog it is important to state definitely what you intend to plant. We issue several catalogs. You will confer a favor on us by mentioning "American Home" when writing.

Bobbink & Atkins, Rutherford, New Jersey

Don't Burn Your Leaves!

Dry leaves mixed with ADOC turn into rich artificial manure. So does most other garden waste.

Stable manure has become scarce, but you can turn every bit of vegetable rubbish—leaves, weeds, cuttings, even from the garden—into humus by the simple ADOC process. This ADOC Manure is real manure, identical chemically and in fertilizing power with the old-fashioned kind, but much cleaner.

You owe it to yourself to know about artificial manure and how to make it. Won't you let us send you our interesting booklet? It's free.

ADOC, 1738 Ludlow Street, Philadelphia

Say it with your own grown flowers

Continued from page 48

The A merican Home
The Finest June Lilies

MADONNA LILIES (Lilium Candidum) and Royal Lilies (Lilium Royal) are the loveliest of all the Lilies. Our bulbs are strong and well cured, ready for planting after October 1st.

American Grown Bulbs
Royal Lily
(Lilium Royal)
Beautifully unequalled, with perfectly white petals, this is the variety that has won the Royal Lily Society's Gold medal—an easy record—and R. H. S Silver Cup, Chelsea, 1930. Seed choicest mixed $1.00 and $0.60 per packet.

Selected Bulbs
6 to 8 inches circumference $3.50 per Doz.; $25 per 100
8 to 10 inches circumference $3.50 per Doz.; $40 per 100

Our Fall Catalog, "Bulbs for Autumn Planting," features the finest Tulips, Daffodils, Mignonette, Crocus, Lilies and other

MIXED BULBS. Sent upon request.

The Story of a Lady's Slipper

A few years ago a customer secured a few of our largest clumps of the native Orchid, Cypripedium pubescens. They did well, but one outbloomed all the rest. After being established three years this specimen bore fifty-one blossoms. So delighted was the customer that she sent us the picture reproduced below.

C. pubescens. Pale yellow flowers during May and June. 1 to 2 crown plants, each 30¢; 10 for $2.50; 100 for $20.00. 3 to 5 crown plants, each 50¢; 10 for $3.00; 100 for $35.00. 5 to 8 crown plants, each 75¢; 10 for $4.50; 100 for $40.00. 8 to 10 crown plants, each $1.50.

C. scopulorum. Also called Moccasin Flower. Single, rose-purple flowers on 12-inch stems. 1 to 2 crown plants, each $3.00; 10 for $25.00;

C. speciosa. The showiest of the three. Large, rose-purple flowers sometimes turning white. Prefers moist, rich soil in shady places. 1 to 2 crown plants, each $3.00; 10 for $30.00; 100 for $250.00. 5 to 8 crown plants, each $5.00; 10 for $45.00; 100 for $400.00. 8 to 10 crown plants, each $15.00.

Native Plants Our Specialty
If it is a worthwhile native hardy plant or shrub, you are sure to find it here. Acres of our Nursery are planted to the forest Azaleas, Laurel, Rhododendrons, etc. Our catalog will open to you greater vistas of finer naturalistic gardens. Free for the asking and please mention American Home.

Gillet's Fern and Flower Farm
3 Main Street, Southwick, Mass.
Gentlemen: Please send me complete details regarding your home study course in Landscape Gardening.

Waite Tovay/ 119 S. First St. Established 1870 Rockford, Ill.

LANDSCAPE ARCHITECT
Learn to be a...
enter this profitable business. You may easily and quickly...material showing how...

SHUMWAYS
100 Princess Elizabeth...Rose Pink . $ 4.75 100 Baronne Tonnaye...Rose Pink 4.75 100 Bartigon...................Carmine ... By dozens, Crocus, 375 bulbs—25 of each 4.00 100 Darwin Tulips ... 17 different varieties $ 3.85 100 Breeder Tulips . . . . 15 4.00 100 Cottage Tulips 4.25 100 Early single Tulips 7 4.00 100 Fremont Tulips 5 4.50 100 Hyacinths 10 4.50 100 Cicroc 150x² dia. 5 5.90 100 Narcissus, U.S. Grown 5 8.75

FREE CATALOG
in full color, pictures a great variety of Tulips, Narcissus, Hyacinths, Crocus, Jonquils, Lilacs, etc. A valuable study to gardening, free. Write Today.

R. H. SHUMWAY, Seedsman
119 S. First St. Established 1870 Rockford, Ill.

In and about the garden

This New Catalogue Is Ready for You

Never before have we published such a catalogue as this. While it presents...

Tulips Hyacinths Narcissus Crocus
Imported and Native Bulbs

The care of this garden should provide a simple. The arrangement is such that all parts can be reached with the minimum of effort and while a space forty by fifty year of all yet not so common. All are excellent for cutting and once grown will be greatly appreciated. I'll not describe them but suggest that you study the descriptions given in the catalogues. In many cases they come in a number of varieties, some more desirable than others. While some are perfectly hardy others may be handled similarly to Gladiolus.

DAHLIAS AND GLADIOLUS

More than half of the available planting area of this garden is taken up by the four large central beds, and only two things are suggested for them, Dahlias and Gladiolus. Of all cutting material, these two are considered by many to be the most important. Properly handled they will provide great quantities of cut flowers from midsummer till frost.

Say it with your own grown flowers

Continued from page 104

They should be the mainstay of any cutflower garden in their season. Successive plantings of Gladiolus may be made to keep up the blooming season and the Dahlia, of course, is the fall flower preeminent. A careful selection should be made as to variety as many of the new things, so widely advertised, are so desirable for cutting as some of the older varieties. The Primulinus Hybrids among the Gladiolus are especially delightful when cut as they have an airy grace not found among the heavier types. Among Dahlias, some of the small flowered types should be included as they are very useful.

In and about the garden

Continued from page 100

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Stassen Floral Gardens
Roslyn Heights
Box 50 L.I., N.Y.

Not Middlemen—Not Brokers.—Stassen Floral Gardens is an American branch of N. V. L. Stassen, Junior of Hillegom, Holland, and obtains its bulbs direct from the grower. Packed in Holland—unpacked in Roslyn Heights there are no handling charges to increase cost to you. That's why these prices are so very reasonable.

ENJOY MORE BLOOMS
Where you had 50 Tulips in 1930 you can now afford 100 for 1931. Prices include all charges prepaid to your door.

A Further Discount is allowed on 500 and 1000 lots of those here listed.

CATALOG—Write for our Free new catalog of Tulips, Narcissus, Hyacinths, Crocus, Madonna Lilies, Snowdrops, Chimondbas, etc.

Horticultural Journal—The AQUAPROOF PRODUCTS CO.

107
**Dreer's Dormant Roses**

For Fall Planting delivered postpaid

Now is the time to take time next Spring when every garden minute will be crowded. Fall planting of Roses has proven eminently successful. We suggest that you plant the following:

**Chaplin's Pink Climber**

The Rose Sensation of the last few years. Winner of the Gold Medal, National Rose Society of England, in 1928. Of exceptional vigor, fine flowering, hardy, with large clusters of lovely pink flowers as large as those of Paul's Scarlet Climber, of which it is an offspring.

Strong two-year-old plants $1.50 each.

**The Dreer Gold Medal Dozen**

continues to attract the attention of connoisseurs in search of better Roses. Every variety in the collection is of outstanding merit and we'll continue to improve the Gold Medal Dozen as still superior. Strong two-year-old plants, one each of twelve prize winners, delivered for $15.00.

Dreer's Autumn Catalog continues to serve as an inspiration to fall garden activity. This year's book offers an unusual number of distinctly worthwhile novelties in several departments. When asking for your free copy, please mention American Home.

**Gardening**

*Springtime Flowers of the Woods*

*White Trillium*

Just as entrancing now as when you used to take them to the teacher's desk—sometime ago.

So much so that a partially shaded corner, or better still, a shaded rock garden, you can plant the higher this fall and be fully repaid with delightful beauty next spring. Here is a fine collection to tempt you.

11 Squawbush (Dioscuria canadensis)........ $2.00
11 Trillity (Trillium americum)........ $2.00
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**INDEX TO ADVERTISERS**

*October, 1930*
Marshall’s Trained Fruit Trees

Consistent with the progressive policy of our firm we have, for some years past, been working up a stock of trained fruit trees, so that the keen and discriminating gardener can enjoy the many advantages of having such trees on his premises.

Trained Fruit Trees serve a dual purpose. They are both ornamental and useful. In spring their exquisite blossoms add a decorative touch to the early garden display but our appreciation is greatest when they offer us their luscious fruits in the fall.

We issue an illustrated list on Trained Fruit Trees, which tells one how to prune and cultivate them. It also gives full particulars of the various shapes, sizes and prices in which these trees may be obtained.

A copy of this list will be mailed to you upon application. Learn how to have beauty as well as luscious fruits in your garden.

Our Fall Catalogue of Seeds, Bulbs and Plants Mailed on Request

W. E. MARSHALL & CO., INC.
152 West 23rd Street
New York City

GIANT DARWIN TULIPS

Surpass in beauty all May Flowering Bulbs. Place your order now and take advantage of these special prices.

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<thead>
<tr>
<th>Varity</th>
<th>Dozen</th>
<th>100</th>
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<tr>
<td>Baronne de la Tonnaye (Rose-Pink)</td>
<td>$1.25</td>
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<td>Harriet (Ferry Crimson)</td>
<td>$1.25</td>
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<td>Clara Ruby (Salmon-Pink)</td>
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<td>Impastato Yellow (Canary Yellow)</td>
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<td>Launette (Soft Rose Carmine)</td>
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<td>Mrs. Peter Palmer (Glazing Purple)</td>
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<tr>
<td>Pride of Haarlem (Hibrid Carmine-Noil)</td>
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<td>Rev. H. Faberh (Wood Heliotrope-Lilac)</td>
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<td>Perpetual Ssterdam (Carmine Rose)</td>
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<td>Princess Elizabeth (Deep Pink and Lime Fringe)</td>
<td>$1.25</td>
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| 1 dozen each of the above | Value $7.15 | for $6.50 |
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Please send catalog and prices.
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Then they learned about the new idea in lumber and its contributions to BETTER CONSTRUCTION

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And it is no idle investment. Years ago they decided not to build until they could build well. So they retained the best architect in town. They chose the leading contractor.

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When you build your new home, see the lumber with the eleven plus values. You will recognize its construction advantages—and appreciate the importance of the new 4-Square developments now in progress. You will find 4-Square sold by leading lumber merchants everywhere—men who are working with Weyerhaeuser to make the greatest investment of your lifetime more satisfactory.

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