What a spotless laboratory and livable room, all in one, the modern kitchen has become!

No longer is the kitchen a drab, neglected annex. Now the engineer invents devices for it. The architect ponders its plan and arrangement. The decorator gives it serious study. Everyone senses its new dignity and importance.

Today, your kitchen is you. Your friends expect it to measure up. And, if it does, how proudly you throw open its door and present it for inspection!

Yours is the satisfaction of owning the best if your sink is of Kohler Ware. You can buy nothing finer. Every Kohler sink possesses the same surpassing quality of enamel and the same distinction of design that have won Kohler Ware for bathrooms its assured position in the best-appointed homes of America.

Good plumbing dealers everywhere sell the products of the half-century-old house of Kohler of Kohler. Our booklet (please write for it) will show you Kohler fixtures for bathrooms, kitchens, and laundries.

Look for the name "KOHLER," unobtrusively fused into the enamel of every Kohler fixture. It is your guaranty of genuineness and of these distinctive Kohler qualities—1) the beautiful snowy whiteness of the durable enamel, 2) the uniformity of that whiteness in every fixture.

Kohler Co., Founded 1873, Kohler, Wisconsin • Shipping Point, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES
MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT
When Vice-President Coolidge contributed an Introduction to the Plan Book of the Better Homes Campaign he reminded us that there are two shrines at which mankind has always worshipped;—the altar which represents religion, and the hearthstone which represents the home.

In the same connection Secretary Hoover urged that we have in mind not houses merely, but homes; that the family is the unit of modern civilization and the home its shelter and gathering point.

This all-powerful influence of the home and the home-atmosphere makes the construction of the house itself of paramount importance.

Are the outside walls of good material? Are the inside walls "for all time and clime"? Is the house beautiful, durable, economical? Is it so built as to be an investment and not a shell?

Build of BISHOPRIC and these questions answer themselves "Yes." Bishopric Stucco over Bishopric Base for outside walls, Bishopric Plaster Base for inside walls will lower construction costs 25% and make your home one of beauty and lasting satisfaction.

Our booklet "For All Time and Clime" is an interesting compendium of information, with diagrams and many illustrations of Bishopric Installations; 44 pages. Let us send you a copy.

(Sold by Dealers Everywhere)

THE BISHOPRIC MANUFACTURING COMPANY

648 Este Avenue
New York City Office; 2848 Grand Central Terminal
Cincinnati, Ohio.
Factories: Cincinnati, Ohio, and Ottawa, Canada
WORKMEN trained in our own plant—up-to-the-minute machinery, a large part of it designed by our own engineers—thorough organization—maintained quality for thirteen years—a model modern plant. Result:

Twelve hours a day year-round production!

Again, result: Substantial savings which the intelligent buyer of Vacuum Cup Tires and “Ton Tested” Tubes quickly perceives and avails himself of.

PENNSYLVANIA RUBBER CO. OF AMERICA, INC.
Jeannette, Pa.
N the Studebaker Big-Six you get all the performance, all the comfort, all the dependability that any car can give—at a price smaller producers can't even approach.

The Big-Six Sedan is a luxurious ten-passenger car with a seven-passenger motor and seven-passenger dimensions throughout. It distinctly is not a ten-passenger body mounted on a seven-passenger chassis.

The Big-Six will take the steepest hills without strain, maintain a high rate of speed over long stretches hour after hour. Yet no car is better adapted to city use. None provides more restful riding—one is easier to operate. None is freer from frequent repairs.

And all the equipment you will ever want or need is an integral part of the car. It is complete even to two extra disc wheels with tires, tubes and tire covers.

Its low price is due to large volume and to the fact that Studebaker overhead is shared by three models—all sixes. Then, too, only one manufacturing profit is included in the Big-Six price because all vital parts are manufactured in Studebaker plants.

If you spend more than the Big-Six price you can buy more weight and bulkiness and pay more for overhead and operation but you will not get a better automobile.

The name Studebaker is assurance of satisfaction.

Partial List of Equipment of Big-Six Sedan

- Courtesy light, coach lamps, dome and rear corner reading lights and combination stop-and-tail light. Motometer with lock and ornamental radiator cap.

Power to climb in high gear any climbable hill

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Prices Subject to Change Without Notice
No dust or dirt—and my curtains and walls stay so clean, too

We Ask That You Send the Coupon Below—Now

For a Free Estimate On the Cost of Weather Stripping Your Home

If you would reduce next winter’s coal bill 25% to 40%, if your house is draughty and the windows leak dust, soot and rain, or rattle, don’t hesitate to send the coupon below. More than 7000 home owners already have requested a free estimate in this way.

Don’t postpone action. Clip the coupon and drop it in the mail. An estimate showing the cost of installing Chamberlin Metal Weather Strips will be furnished immediately. You incur no obligation to buy.

Low Cost Will Surprise You

Chamberlin Metal Weather Strips are sold and installed by our own organization. Because our carefully trained experts make the installation we can guarantee Chamberlin equipment for the life of the building.

Any need for service no matter how many years hence is cheerfully attended. With Chamberlins you take no risk. Get your estimate now. You will be surprised how really little it costs to equip your home or business building with Chamberlin metal weather strips. Order the strips early if you decide to buy. Then your installation will be made promptly. We urge this because our records show the greatest demand comes usually in August and September. At least get all the facts now.

CHAMBERLIN

Metal Weather Strips

Chamberlin Strips are used on 85% of all weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.

They are guaranteed to last as long as the building. An estimate by our engineering department, on the cost of your equipment, is free.

Just Send the Coupon

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Tell me the cost of equipping my building with Chamberlin Metal Weather Strips. (Check whether home, factory, office building, church, school.)

Name
Address
City and State

* Chamberlin Metal Weather Strip Co., Detroit, Mich.

Give number of outside doors
Give number of outside windows

Decline Dept. 609
What is Indiana Limestone?

Indiana Limestone is a Natural Stone, not a manufactured product. It is a fine, even-textured, non-crystalline limestone of beautiful, soft color tone, ranging in the various grades from a somewhat grayish buff, on through silver gray to a medium toned gray of slightly bluish cast. The massive deposit forming the ledges in the hills of Southern Indiana from which this easily-worked, yet durable and permanent stone is quarried, constitutes one of the most wonderful and probably the most useful of building stone deposits in the world.

While many of the finest mansions in our cities and suburban communities are constructed of Indiana Limestone, yet its use is not limited to large residences; small homes built of this stone may be made equally as beautiful and practical.

A folder descriptive of the house illustrated above, or any information on Indiana Limestone sent free upon request. Address Indiana Limestone Quarrymen's Association, Box G782, Bedford, Indiana.
Sterling Silver offers interesting possibilities for Interior Decoration in addition to its paramount importance in the Dining Room.

Sterling Silver for Everybody. Gorham Articles are highest in quality, not highest in price. For sale at responsible jewelers everywhere.
Would you buy an artificial diamond?

Certainly not, especially if you could get a genuine stone for a comparatively slight increase in cost.

Then why allow imitation mahogany furniture or interior woodwork to come into your home when Genuine Mahogany may be had at a cost little above that of less beautiful, less durable cabinet woods?

Do not be misled into buying some other wood masquerading as mahogany under the misleading name "Mahogany Finish"—it is 100 per cent imitation. The term is never used in connection with Genuine Mahogany.

Again, the so-called "Combination Mahogany" too often means the use of other less desirable woods with mahogany veneer only on the prominent parts.

When you buy furniture insist upon receiving a guarantee that what is represented as mahogany is Genuine Mahogany and that every surface ordinarily visible is Genuine Mahogany. Apply the same rule when dealing with your Builder or Decorator where interior woodwork is involved.

The Mahogany Association has nothing to sell. It is always glad to serve you, without charge, in any matter pertaining to Mahogany.

Folders on Period Furniture and "Home Beautiful" will be sent to you upon request.

After all—there's nothing like

MAHOGANY

MAHOGANY ASSOCIATION, Inc.  1133 BROADWAY, NEW YORK
FOR THE FURNISHING of the modest home or apartment, the formal and pretentious residence, the club, the office or the private yacht, our facilities enable us to solve the problem satisfactorily — and at the correct price.

Our huge collections afford, both in variety of design and range of prices, a choice which cannot be equalled in any other establishment.

With these we offer, at no premium in the cost, the services of a trained and competent staff whose function it is to advise and help when desired.

The Sloane Vacuum Cleaner, developed from our experience gained by eighty years of handling and caring for rugs and carpets, is designed not only to clean the floor covering thoroughly, but to do it harmlessly as well. Complete with 8 attachments - - $48

Accepted by and supplied to the United States Government for use in government buildings.
Wall panels and draperies are effective uses for this Schumacher damask.

An old Italian velvet suggested the design for this damask.

CENTURIES ago the velvet weavers of Italy produced fabrics which are still unsurpassed for beauty of design. No motif seemed too intricate, too lavish for these Italian artists.

Today the designer finds these rare pieces a great source of inspiration to guide him determining the patterns for modern decorative fabrics. This Schumacher damask was inspired by one of the old Italian velvets of the Renaissance period. In executing the design for this damask the modern processes used give it usual qualities. It is the correct weight for hangings and because it is reversible requires no lining. Its texture is strong and durable, permitting its use for furniture and wall coverings as well as hangings. This damask may be had in several different colors—each absolutely sunfast.

Your own decorator or upholsterer will make arrangements for you to see the Schumacher fabrics, including the damask illustrated here. He will also arrange the purchase for you.

F. Schumacher & Co., Importers, Manufacturers, Distributors to the trade only, of Decorative Drapery, and Upholstery Fabrics. 60 West 40th Street, New York City. Offices in Boston, Chicago and Philadelphia.

F-SCHUMACHER & CO.
Your table deserves it

A LIBRARY table exists for its beautifully finished top. That broad, flawless expanse of nicely grained wood, carefully worked, stained and polished, is justly the object of its owner’s pride.

But decorative schemes call for lamps, vases, book ends and other objects of art. Then the beautiful surface begins to grow dull and ugly with myriads of tiny bruises, dents and scratches.

Plate glass will not only protect the table top, but will add an elegant finish it could not have by any other means. A table is no older than its top, and as long as the top retains its fine finish the table will be as good as new. Your table deserves this protection.

A plate glass top for the dining table will save an expensive piece of furniture from the certain disfiguring of every-day accidents. It is a profitable investment in table insurance. Use plate glass on the buffet, serving table and tea wagon, and on the console in the reception hall. Plate glass is the only certain protection to a dresser top from the ravages of the alcohol in perfumes and cosmetics.

Besides these, there are many other happy uses for plate glass about the house. Small plate glass shelves for bathroom or kitchen are always shining bright, clean and neat looking. A small slab of plate glass makes an excellent bread and pastry board. Plate glass push-plates on swinging doors are much better than metal, because they do not tarnish and may be easily cleaned with a damp cloth.

Your hardware or glass dealer can deliver plate glass cut in any size or shape, with edges nicely smoothed or beveled, to suit your needs. If you are building a home, have your architect specify plate glass for the windows and glass doors. It makes a tremendous difference in appearance at very little extra cost.

PLATE GLASS MANUFACTURERS of AMERICA

Genuine PLATE GLASS
MADE IN U.S.A.
Plate Glass is best for:
Windows
Ventilators
Windshields
Closed Car Windows
Mirrors
Desk Tops

Nothing Else is Like it
The Main Organ in this installation is built in a space beneath the roof with tone outlets through gothic organ screens, to be seen above the grand staircase. The Keyboard Console shown to the right of the illustration is recessed in a space on the second floor of the residence. In the lower left hand corner is an old Cassone, or chest. Behind this chest is a wall opening leading into the basement in which an Echo Organ is located. This organ is playable both manually upon its keyboards and by Recorded Rolls which reproduce, with photographic accuracy, the personal playing of the distinguished organists of Europe and America.

THE WELTE PHILHARMONIC RESIDENCE PIPE ORGAN
MAY BE HEARD INFORMALLY, AT ANY TIME, AT
THE WELTE-MIGNON STUDIOS, 655 FIFTH AVENUE, AT 53RD STREET, NEW YORK
ALSO OWNER OF THE WORLD-FAMOUS ORIGINAL WELTE-MIGNON
Now the kitchen of your dreams becomes a fact through the KITCHEN MAID

Imagine a kitchen where your ironing board appears as if by magic from a handy space in the wall — where you have a special closet, just large enough to hide brooms and mops away — where the table and chairs of a breakfast nook may be unfolded or folded away as you want them — and where a Kitchen Maid kitchen cabinet is surrounded by additional shelf space to increase its convenience.

All this you may have, as a practical fact, because the helpful idea of the Kitchen Maid cabinet has been expanded to include a complete family of kitchen units. In the picture above, you see the Kitchen Maid with a broom cabinet on the left, shelf space for dishes or linens above and at the right. Still farther to the right is the “Pulmanook” — where the seats unfold from the wall, and the table from a compact case beneath the window. The ironing board is concealed above one of the “Pulmanook” seats.

WASMUTH-ENDICOTT CO., Andrews, Ind.

208 Snowden Street

Read all the details in this booklet — investigate all these conveniences and many others which will make a kitchen in your new or old home more pleasant — and add to the selling or renting value of residence property. Send for fully illustrated catalog.
THE TREE OF LIFE" is the descriptive name given by the Siwash Indians to British Columbia Red Cedar. The Indian's woodcraft led him to select British Columbia Cedar in the building of his gigantic war-canoes and ns, which entailed years of labor and were continuously used to the destructive forces of the elements. Nature has endowed British Columbia Red Cedar with a decay-resisting conservative. Rot-promoting fungi, destructive insects, torrid rains, scorching suns and penetrating cold can find no homes in Nature's defence. These qualities of long life, stance to heat and cold, and their beautiful, soft reddish-brown coloring that blends artistically with shrubs and flowers, make this wood peculiarly suitable for roofs and side walls in form of BRITISH COLUMBIA EDG-GRAIN SHINGLES.

Send for your book—

"Shingle Suggestions in Home-building" — A beautiful book of one hundred pages, illustrated with actual photographs of attractive homes; offers many helpful and practical suggestions in the building of new homes and how to make old homes new. We will gladly mail your copy on receipt of 25c (coin or stamps) to cover mailing costs.

SHINGLE MANUFACTURERS' ASSOCIATION
BRITISH COLUMBIA
Dept. A
METROPOLITAN BUILDING
VANCOUVER, CANADA

Dealers: Upon request we will be glad to supply list of mills that are manufacturing EDG-GRAIN SHINGLES.
Vogue Presents a Problem to Interior Decorators

How they solved it with charm and economy is told in the current issue of

VOGUE

dated August 1

Said Vogue to seven of the cleverest decorators in New York, "Here is a problem I'd like you to solve. Furnish a house for us—a house of real distinction, real charm and perfect taste and—here is the problem—don't let it cost a penny over $15,000."

And they said, "Command us!"

"Design for me," said Vogue to the first interior decorator, "a lovely drawing-room, in the best taste. Have everything in it purchasable. Arrange it, down to the tiniest trifle on the smallest table. And the cost of everything must be within $4,000."

Said Vogue to the next decorator, "Make a library worthy of a scholar"; to the next, "Make a master's bedroom and dressing-room to which even a valet couldn't take exception"; to the next, "Make a mistress' bedroom and boudoir"; to the next, "Make a dining-room"; to the next, "Make a sun-room and entrance hall to welcome the well-disposed"; and, to the last, "Make a guest-room where the fortunate will desire to remain forever."

And they all did it.

What they have done is in the August first number of Vogue, and just what every article costs. You may copy any room. You may buy any single thing, from the wallpaper to the ash-trays. You may order the whole, if you like, for Vogue's quoted price, $15,000 from anywhere in the United States.

Paris sends the latest indications for the coming autumn fashions—new costumes—hats—furs. Important, as it states authoritatively the trend of the mode for next season. There is an article on the resorts of France, and sketches of smart clothes worn. Vogue also tells how advantageous it is to plan the buying of new and the remodelling of old furs just at this time.

Then there are other things in this issue—two pages of flower arrangements—an article on cold first courses for hot weather, with recipes wheedled out of a famous chef—some gardens in full summer glory—and shops and patterns for summer.

35 cents a copy
35 cents a copy
$5 a year
$5 a year

Twice a month
Twice a month
24 copies a year
24 copies a year

Conde Nast, Publisher
Edna Woolman Chase, Editor
Heyworth Campbell, Art Director
19 West 44th STREET, NEW YORK CITY
19 West 44th STREET, NEW YORK CITY
Good Building's Deserve Good Hardware

The Corbin dealer in your city is a specialist in Builders' Hardware. He knows how to read architects' blueprints and specifications. He knows how to select the right hardware for each individual window and door in your home. Every Corbin dealer has back of him a complete line of builders' hardware made by a firm that has been a leader in its field for seventy-four years.

You will probably buy hardware but once—all the more reason for buying good hardware when you do build. Visit the Builders' Hardware Department of your local Corbin dealer. The truth that "good buildings deserve good hardware" will there be revealed to you in its full meaning. If you don't know who the Corbin dealer is, write to us.

Send for illustrated booklet. "Good Buildings Deserve Good Hardware"

P. & F. CORBIN
since NEW BRITAIN
and CONNECTICUT
The American Hardware Corporation, Successor
NEW YORK CHICAGO PHILADELPHIA
Why Architects, Contractors and Dealers Recommend

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1. Immediate delivery—no expensive delays waiting for special custom made frames.
2. 121 sizes ready for every purpose.
3. Delivered in two compact bundles plainly marked and easily handled.
4. 7 parts instead of 57. No small parts to be lost or broken.
5. A frame up in ten minutes. No sorting, measuring or refitting. Pockets and pulleys in place.
6. Accuracy gives smooth-running windows, yet excludes all weather.
7. Modern machinery, methods and specialization lowers cost at factory; quickness of assembly saves you time, labor and money on the job.
8. Better results in frame, brick or stucco buildings.
9. White Pine preserves original accuracy and gives continuous service.
10. Made by the largest exclusive standard frame manufacturer. The trade-mark is absolute protection.

Choose Frames That Resist Time and Weather

NOTICE the good condition of the window frames in America's oldest houses. They are almost perfectly preserved after many years of constant exposure.

The durability you see in these old houses is due to their White Pine construction. This same long life is built into Andersen Frames, because all exposed portions are made of the wood which lasts for centuries.

In addition to giving continuous service, White Pine preserves the original accuracy of Andersen Standard Frames. Because the wood will not warp, shrink, crack or rot, windows run smoothly and yet fit snugly enough to exclude all weather.

Send For Free Booklet

Write to us and learn of the other economies that go with Andersen White Pine Frames. Please tell whether you are building your own home, or whether you are interested as an Architect, Contractor, Carpenter or dealer.

Andersen Lumber Company

Dept. N-8 Bayport, Minnesota
YOU just pin the hooks on the drapes. Then you hook the drapes on the support! Valance, side drapes, lace or net curtains—all on the one Hook-on Drapery Support! Done in five minutes!

Send for free booklet—"Drapes—and How To Hang Them".

PERFECT draperies for YOUR home—hung perfectly! The easiest thing to accomplish imaginable—with the Hook-on Drapery Support! The square, cornice effect; the sagless, evenly fed valance; the broad, smooth front—every feature you’ve wanted and hoped for is now available to you!

These Special "Hook-On" Features

Simply hook the hooks in the drapes, as illustrated in the picture right.

Then—you hook the drapes on the support, as illustrated to the left. Nothing could be easier!

Best of all, you have no casings to make, no careful fittings or laborious adjustments. Two screws are provided with each support—it will take you about two minutes to put up the support itself. Two dozen pin-hooks are also provided, FREE. The drapes are hooked on in two minutes more!

The Hook-on Drapery Support extends to fit any window; its solid patented construction prevents sagging and gives the same effect as the costly, complex wooden cornice. All good dealers sell the Hook-on; if your dealer cannot supply you, send his name and $1.00 each for as many Hook-on Drapery Supports as you’ll require; sent prepaid and guaranteed satisfactory or your money refunded.

Hook-On Manufacturing Corporation
1828-32 Ingersoll Street
The actual thickness of a sheet of Sheetrock is 3/16-inch of pure gypsum

Sheetrock comes in broad, ceiling-high sheets, all ready for use; quickly and easily applied

As soon as the Sheetrock is up, you can decorate with paper, paint or panels

Durable Walls at Low Cost

You will be surprised to find what solid, standard walls and ceilings you can make with Sheetrock, the fireproof wallboard.

And you will be equally surprised at their low cost.

Sheetrock is economical to buy. For a few dollars you can get enough of it for a good-sized room.

It is economical to use, because it comes in broad, ceiling-high sheets, all ready to apply. All that needs to be done is to nail the Sheetrock to the joists or studding. It nails and saws just like lumber.

United States Gypsum Company, General Offices: 207 West Monroe Street, Chicago

SHEETROCK

The Fireproof Wallboard

Sheetrock is approved by The Underwriters’ Laboratories, Inc.
Think of the heart-breaking, back-breaking days of the old-fashioned carpet! Twice a year, prying out the tacks, dragging out into the open, beating out accumulated dirt; then back into the house, scrubbing the old floors, covering with heavy paper, stretching and tacking down, cutting corners or doubling under. Half the dirt and all the germs remain in the carpet, and constant sweeping or vacuum cleaning is necessary for the balance of the year to have even a semblance of cleanliness.

What a change today!

A bright expanse of gleaming oak floors, crossed by shafts of sunlight, that display the beauty of the grain in oak. Just a few rugs beneath the furniture, whose graceful lines are reflected beyond the margins of the rugs in the lustrous surface. The whole effect is one of richness, dignity, and incomparable beauty. The floor of each room may be finished differently to harmonize with the hangings and the color of the woodwork and walls, resulting in an interior entirely your own idea—an expression of your individual taste. You can have your choice of soft grays, forest greens, natural, weathered, or medium finishes.

Aside from beauty and durability, for oak floors will last for all time, this is the new emancipation for the woman who does her own housework, or who supervises others. Oak floors are easily cleaned, and kept in perfect condition. There is no accumulation of dirt.

Oak Flooring Bureau
1047 Ashland Block, Chicago

If you live in a home without hardwood floors, there is a thickness of oak, called 1/4-inch, made especially to lay over the old worn floors. Beauty and durability are the same as if oak had been laid originally. There is a grade suitable for every room, and within the reach of every purse.

A booklet which tells you all about oak floors, with colored illustrations of finishes, will be mailed on request. Write for your copy to Oak Flooring Bureau, 1047 Ashland Block, Chicago.

Put your flooring problems up to our experienced flooring experts. We will gladly serve you.
HERE'S a mirror with magic in it—a mirror that reflects a lovely room and makes it lovelier—framed and rosetted and placed with consummate skill—flanked by those charming crystal lighting fixtures that carry the mirror-feeling into the room itself. The furniture's all black lacquer. And what do you think the paper is? Why, silver tea-chest paper, as sure as you're alive!... If Alice leaned over that Chinese lily, she'd walk right into the room.

That's the kind of place House & Garden's always showing you. No two alike; but all as interesting as they can be. You'll find an unusual number of them in the

**Autumn**

**Furnishing Number**

dated September 1st

Perhaps you'll be most interested in the article on the English cottage manner—or the rambling old house on Long Island done in the Early American feeling—or the two pages on the Italian spirit in a room—or the six unusual pictures of a California house where Spain and Italy and Early America live in the most amazing and decorative friendliness.

There are three pages of sun porches and breakfast rooms, too, any one of which would ensure many happy returns of the day. There's a thing called "Footlights and Furniture" in which a dramatic critic makes next winter's play a lot more interesting because we'll now be able to look at them from the inside; and a talk about china as decoration; and a page of cornice boards (do you know the Hookon cornice?); and a page of new fabrics; and—

But we can't add a wing to this page. So you'll have to take the rest for granted—the lilies, and the tulips, and the well-head designs, and the grapes, and the things a man should know before he goes to his architect!

*A lovely number? Of course.*

*But they all are.*

**HOUSE & GARDEN**

Condé Nast, Publisher
Heyworth Campbell, Art Director
Richardson Wright, Editor

19 West 44th Street
More Light, More Air
You Need Them Both at Canning Time

Canning time is here and the basement's the place to do it—if your basement is well lighted and well ventilated. You need plenty of light for good results and lots of air for comfort.

And not only at canning time, but also on washing and ironing days or any other day when household duties call you to the basement, you'll appreciate the flood of light, the perfect ventilation that Fenestra Basement Windows give.

If you're planning to build, why be satisfied with a dark and poorly ventilated basement; why put old-fashioned basement windows in a new and modern home? Fenestra Basement Windows with their larger panes of glass enclosed in narrow bars of steel admit 80% more light and provide far better ventilation—yet they cost little if any more.

Fenestra Basement Windows have many other advantages which are fully explained in our new booklet for home-builders. We'll gladly send you a copy and the name of a lumber or building material dealer who can supply these windows quickly.
The most famous Hotel in the World

The Ambassador
A name which means hotel perfection—Ambassador

The Ambassador Hotels System
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The AMBASSADOR, Atlantic City
The AMBASSADOR, Los Angeles
The ALEXANDRIA, Los Angeles

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NEW YORK

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A hotel of quiet dignity, having the atmosphere and appointment of a well-conducted hotel, 2 minutes walk to 40 theatres and all local shops. Rates and hotel as application.
W. Johnson Quinn

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is to have lived in NEW YORK
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HOTEL HARGRAVE
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HOTEL REGINA

High class residential house on the Grand Canal

LIDO-VENICE

Ideal Sea Shore & Summer resort

EXCELSIOR-PALACE
de luxe 400 R. 200 B. R. own Sea Beach

GRAND HOTEL DES BAIS

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The good Maxwell deserves to dominate its own market, on the strength of its wonderfully fine owner-records, and every passing day brings that domination closer to complete accomplishment.

Cord tires, non-skid front and rear; disc steel wheels, demountable at rim and at hub; drum type lamps; pressure chassis lubrication; motor driven electric horn; unusually long springs; new type water-tight windshield. Prices F. O. B. Detroit, revenue tax to be added: Touring Car, $885; Roadster, $885; Sport Touring, $1025; Sport Roadster, $975; Club Coupe, $985; Four-Passenger Coupe, $1235; Sedan, $1335

MAXWELL MOTOR CORPORATION, DETROIT, MICHIGAN
MAXWELL-CHALMERS MOTOR COMPANY OF CANADA, LIMITED, WINDSOR, ONTARIO
HE other day a reader—not too gentle a reader—explained that he didn't like the way we mixed advertising editorial matter in the back of the magazine. As he had his side of the argument and we have ours, it was only fair that he should be explained. So he set about to show why this was done.

1) It is a more expensive arrangement, but we want the sellers to get their money's worth.

If there were no "run-over" in the "back of the book", if articles were written and cut to come exactly at the bottom of a subscribed editorial page, we could group all the advertising together and save an immense amount of money on our paper bills. But the articles would be shorter, contain less information and afford the reader less service.

2) It is a much more difficult arrangement, but we want to help the reader. A magazine House & Garden's type is essentially a publication rendered to its readers. The people who subscribe to it are, the main, those who are planning to build or are building, who are planning to furnish or furnishing and those who are gardening. This is a continual process. One doesn't simply build a home and then lose interest in House & Garden; the furnishing and the making and maintenance of the garden are eternally live topics. That is why readers resubscribe year after year to this magazine.

Now people in this state of mind, people who are building and furnishing and gardening want to know three general things; they see a page of the magazine or read an article and they expect that page or that article to answer the first question—"How do I do it?" The next two questions are just as pertinent—"Where can I get it?" and "How much does it cost?" for which they turn to the advertisements. In short, the readers of House & Garden are people who want to spend money and spend it wisely. The editorial pages awaken in them a natural and laudable desire for ownership; the advertising pages years ago on certain advertising assisted in the accomplishment of that desire.

In a jocular moment many years ago a certain advertising man called the editorial run-over in a magazine "contaminating matter", as it seemed to him to contaminate the advertisements. In this more enlightened age, neither editorial nor advertisements are contaminated, but are mutually helpful.

Among the many interiors in the September issue is this example for a small house.

Contents for August, 1923.

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The Victrola and the great bands of the world

Summer-time is band time. Hundreds of bands are delighting millions of people at the parks and seashore playgrounds of the nations. Here, Sousa's Band, Pryor's Band, and Captain Santelmann with the United States Marine Band; in England, the Band of H.M. Coldstream Guards; in France, the Garde Republicaine Band; in Italy, the Banda Municipale of Milan; in Spain, the Banda de Alabarderos; in Brazil, the Banda do Corpo de Bombeiros; in Mexico, the Police Band of Mexico City.

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Victrola

Look under the lid and on the labels for these Victor trade-marks

Victor Talking Machine Company, Camden, N.J.
W E 'VE just been playing Mah Jongg, or W Pung Chow, or whatever it is called. It's like editing a magazine, this Chinese game: you can "dog" your hand, which is easy, or you can play for suites, which is hard. You can dump the contributors' mail into the press, thereby dogging your magazine, or you can select and play skillfully until the right articles are assembled for the right issue. We pride ourselves on having played for suites in the forthcoming September issue.

It is the Autumn Furnishing Number and the three big suites are decoration, gardening and building, with two of a kind represented by household equipment and the shop pages. Thus, if you are interested in the Decorator Suite, you choose the following: an article on cottage furniture, the photographs of a Long Island farmhouse decorated by Elsie Sloane Farley, the page of orange cones and breakfast rooms, the article on how to put the Italian spirit into an interior, the page of new fabrics, the three pages of the Portfolio showing the rooms in a remarkable California bungalow, the page of color definitions, of china as decoration, and the garden aspect of vines, and the plans for tulip arrangement in the garden. If your choice is Building, then you turn to the questionnaire on your own garden. If you choose a Long Island farmhouse decorated by Elsie Sloane Farley, the page of cornices, the three pages of enclosed patios, the page of orange cones and breakfast rooms, the article on how to put the Italian spirit into an interior, the plan of a remarkable Cali­fornia bungalow, the page of color definitions, of china as decoration, and the garden aspect of vines, and the plans for tulip arrangement in the garden. If your choice is Building, then you turn to the questionnaire on your own garden.

Those to whom the glory of the narcissus is part of spring may well remember that, unless the powers behind Quarantine change their minds, this innocent bulb is to be forbidden in three years. You can't imagine spring without its hosts of daffodils dancing in the breeze? The pest hounds at Washington can. If they could, they would forbid the breeze because it carries spores of plant diseases! Perhaps they would also forbid spring because that is a season when people awaken to their nai­vities.

However, this is the time to rail against the coming storm. In these three years we must stock our gardens. After that the narcissus will join whiskey and be forbidden these shores. Perhaps the bulb-leggers from Holland will anchor outside the three-mile limit and garden lovers in small boats will sneak out of our harbors to buy their shares of spring glory.

F OR the gardener August is essentially a lazy month. By this time the annuals are flowering abundantly, the perennial seedlings growing along and the biennials tattering into healthy clumps for next year's bloom. In August the gardener hasn't much else to do than water occasionally, scratch the soil to make a dust mulch, powder the phlox to keep down mildew and read the bulb catalogs. To these he can add the enjoyment of contemplating his handiwork—of lying lazily in the shade and beholding the flowers his efforts have brought to the garden.

Perhaps the bulb-leggers from Holland will anchor outside the three-mile limit and garden lovers in small boats will sneak back to New England to buy their shares of spring glory.

W HILE we do not believe much in mottoes indoors, in saying tender sentiments along a fireplace mantel, every once in a while a poem comes to hand that appeals mightily. In an old issue of the Spectator we found the following verse. Decently lettered and framed, it might find a place on the guest room wall:

THE PERFECT GUEST

She answered by return of post
The invitation of her host.
She caught the train she said she would
And did not crave an extra blanket.
When offered lukewarm tea she drank it,
But ate the boiled and scrambled egg.
She brought a small and lightish box
And left no little things behind.
And always went to bed at ten.
She seemed like the spare room bed.
She brought her own self-filling pen,
But stories new and gossip kind.

OF THE contributors to this issue—Estelle H. Reis is a widely-published writer on architecture; E. P. Felt is the New York State Entomologist; Elsie Cobb Wilson is a well-known New York decorator; Norman Collart and Burton Elliot are authorities on the uses of paints and stains; Mott B. Schmitt is a New York architect; Murphy & Hastings, California architects; and Kroll, Meigs & Furneaux, architects.

From time to time readers of House & Garden ask why this magazine does not sell plans and why, in publishing a house, we do not give its cost. Both of these we have never done, and there is good reason why.

We do not sell plans because the making of plans is the design of houses is the business of an architect, whereas the business of a publisher is to issue magazines and books. A magazine of the standing of House & Garden must respect the work and ideals of the architectural profession. To sell plans would be working directly against those whose creations are shown in these pages.

The architectural profession is sustained by high ideals and its code of practice is well defined. Working with such a profession is the only way the architectural standards of this country can be raised. Working against it would lessen our value to readers of taste and destroy the architectural ideals and prestige which for years have given House & Garden its standing in the magazine world.

We do not publish prices of houses for two reasons: if the house has already been built and the owner is occupying it, would it not be bad taste to publish to the world what it costs? That is not a question. The other is that any such figures are approximate, and as such are undependable and misleading.

Even in rare instances we do not show designs of projected houses, that is, pretty draw­ings of houses which haven't been built. These are undependable and misleading. And when approximate costs accompany them, they are doubly so. Imaginary houses may be entertaining to look at, but the photograph of the completed house carries conviction.

The standard of architectural taste in this country is gradually being raised, but despite that effort at education, monstrosities are erected on all sides. In this warfare against ugliness, against shoddy building, against cheap, permissible workmanship those alone who maintain their ideals of taste and honest work will survive.

FASHIONS in furniture and interior decora­tion come slowly and change slowly. This is not surprising, in view of the length of time it takes to design, make and distribute fur­niture, and the length of time it takes to es­tablish new ideas over an area as large and as sectional as these United States.

For some time there has been a popular de­mand in Florida and on the Pacific coast for Spanish furniture and for Spanish interiors, and this popularity is only just beginning to show itself in isolated instances in New York and elsewhere. It may or may not be a significant fact that the first prize in the Annual New York Flower Show this spring was won by a Spanish patio. And four years ago, the architects Warren & Wetmore designed and furnished the main lobby of the Hotel Commodore in New York to resemble a Spanish patio. The revival and wide acceptance and adaptation of the decorative style of Renaissance Italy began with isolated instances and grew to be a formidable rival, if not a victor over the Georgian English style, with its attendant chinoiserie. This was popular­ized by the decoration and furnishing of the Ritz Hotels and the Hotel Vanderbilt.

Renaissance Italian and Georgian English had, in turn, displaced the earlier modern French de­orative ideal of voluptuous detail, of mirrors, gilded plaster and potted palms. So it goes, and (i) generally, the history of the inter­national with the interesting possibilities of the style of the Spanish Renaissance gather unto it­self, the more moments do not pass unnoticed, with seeming suddenness, in the midst of a new phase of decorative adaptation.
"Le Petit Manoir" in Montecito, because of its unusually pictorial quality, reminds us of how generally this opportunity is neglected. Even if the pictorial quality is accomplished by some such frank artifice as the ragged shingle roof—why not? This kind of thing is sanctioned by its success in a given instance, and when it is definitely used to gain a definite effect. F. L. Baxter, owner; Soule, Murphy & Hastings, architects
BUILDING INGENUITY INTO THE HOUSE

A Proof That Architects Do Not Forget Closets, and Can Think of Other Conveniences Besides

ESTELLE H. RIES

NOT without reason is the popularity of built-in furniture growing constantly greater. For by its use, each room may be provided with features reflecting an air of stability and at the same time making it more truly livable.

In the small room, such furniture affords greater floor space because it is built into the wall itself and, for certain types of pieces, need not project into the room unless desired. It utilizes space that would otherwise serve no purpose, and conserves room where it is really required. Since built-in furniture is structurally a part of the room, it is safe from injury by movers or cleaners.

In the types that may be set into the wall, dusting is greatly simplified, as there is but one side to be cared for instead of three or four as when the furniture is out in the room.

In rooms both large and small, the structural character of built-in furniture makes it an architectural asset. It may be selected to conform exactly with the spirit of the room, and by judicious planning, may be so located as to have direct decorative relation with it as an entirety just as all furniture should be considered but too often is not. In keeping its place as part of the wall, built-in furniture is more reposeful than the sometimes restless pieces otherwise planted about the room. Its permanence lends dignity, and by its use the young house-keeper is released from large expenditures for movable furniture which lacks many of these advantages.

Most built-in features serve the purpose of closets in one form or another. Whether they are china closets, kitchen cabinets, linen chests, inter-room openings, built-in bookcases, window seats—usually, if not always, there is space for storing things. This is not invariably the chief purpose, but it is generally a subordinate one.

For this reason, if for no other, built-in features are popular with housewives. The easiest thing in the world for a woman is to find things to tuck away in closets; whether it be clothes, linens, china, papers, childhood relics or what not, there are always more of these than she can usually accommodate.

The time honored wooden china closet with its bent glass front and sides may well be dispensed with in the dining room. A well designed built-in cabinet which becomes structurally a part of the house, logically provides a place to keep the china and will not suggest a museum exhibition as these things so often do.

Many types of china closets and sideboards may be had "built-in". Some of these are glass at the upper part, with small panes or fanlights suggesting the good old Colonial types, the lower part being a closed cabinet. Other architectural styles are available. Some may be selected that as far as the visitor knows, may be simply closed doors leading to another room, but they are in effect closets given to shelves for china and drawers for table linens, cutlery and other accessories.

The built-in china closets and sideboards may either be flush with the wall, or may project into the room.

Built-in cupboards add very greatly to the convenience and accommodation of a study, where there are always magazines and loose papers which should be accessible but invisible. Donn Barber, architect
The Colonial types of china closet may have had triangular to fit into a corner, and where these afford sufficient capacity, are very delightful features.

Much labor is saved, and much charm is produced, by the use of dining alcoves for informal meals. These alcoves consist of a narrow little table paralleled at the long sides by a bench. The structure suggests a "diner" on a Pullman train—two seats facing each other and a small table between them. This will accommodate three or four persons, and may be treated...
August, 1923

so much color and character that breakfast and intimate little lunches will always be served there. Here, too, the children may take their afternoon snack without invading the more formal dining room. Since this little dining alcove is either part of the kitchen or very near it, effort is saved in serving and clearing away.

There is always use for tables, and those fold up out of the way when not in command themselves for several

(Continued on page 94)
The simplicity of this front is made interesting by the texture and profile of the shingle roof and the battened shutters.

The first floor provides most of the accommodation. The service wing and rear are attractively and nicely planned.

"LE PETIT MANOIR"
Montecito, California
There is a distinct feeling of the ancient French farm in this California house called suitably "Le Petit Manoir."

The second floor plan shows the disposition of the roofs, and also the two bedrooms and bath of the second floor.

OF FREDERIC L. BAXTER
Soule, Murphy and Hastings, Architects
On AN obscure corner of the house, where a honeysuckle drapes it from too public and curious a view, we have placed a small board on which is lettered:

JOHN RYDER, FECIT
1845

This, with due family ceremony, was put in place one June day, when the peonies and iris and blazing Oriental poppies made the border jubilant with color.

We were prompted to place it there after reading what Royal Cortissoz said recently on the occasion of a presentation of a medal to Mr. Henry Bacon, architect of the Lincoln Memorial in Washington. This was the first time, it seems, that the United States Government has taken the trouble to honor an architect with a public ceremony. Mr. Cortissoz wondered why it wasn't more often done. And, following his thought, we wondered why people who build homes don't take the trouble to give the architect some permanent credit for their work. Perhaps the reason is because so many well-intentioned clients, having suggested an extra bathroom to the architect, consider themselves responsible for the designing of the entire house. So far architects have been satisfied if they are paid, much less honored.

In ALL my wanderings through other people's houses I have found only two homes in which such honor was given. One to Stanford White—a little tablet in the hall of a country house—and one to the architect of a home in Elmira, N. Y.; the architect's name and achievement being carved on the mantel edge in the library.

Granted that a home builder's relations with his architect have been pleasant, and granted that the bill has been paid without recourse to law, why not let the architect sign his work? Why shouldn't the mark of such a great architect as Charles A. Platt on a house give it authenticity and value just as the butterfly gives value to a Whistler painting? If the client has so interfered that the architect isn't proud of the house, he need not sign it, just as etchers do not sign proofs with which they are dissatisfied. The poet signs his poem, the sculptor his figure, the musician his composition, the artist his painting, the writer his story—but the architect joins the vast majority of Anonymous.

It is not uncommon for the architect's name to appear on a public building. Mr. Cass Gilbert, I believe, is to be found smiling down from a capital in the corridor of the Woolworth Building, which he designed. Ivan the Terrible, legend reports, honored the architect of his huge Cathedral in the Red Square at Moscow with the pleasant little ceremony of putting out his eyes; he didn't want the design duplicated; was the reason he is said to have given. Sir Christopher Wren doubtless received great honor in his day, and he has recently been receiving more encomiums, on the occasion of his two-centenary. Mr. Ralph Adams Cram, I have heard, on the occasion of the first service in a church designed, was permitted to march in the procession in full doctor's regalia. Such occasions are rare; the architect usually seems obliged to take his cash and let the credit go.

Since this year of grace 1923 is as good as any to institute an excellent custom, why not mark it as the time in the history of America when home builders began to honor their architects by asking them to sign the homes they designed? Just how the house can be marked will depend on the house itself. It is not uncommon to find inscriptions on the door lintel of Colonial homes; in an English type of home, the architect's name can be cut in an exposed beam; it could be stamped modestly in a piece of the wrought iron in an Italian or Spanish house. Perhaps the architect can best select the spot and the manner of marking.

While English is an excellent language, Latin is the accustomed tongue for inscriptions and the simple "Fecit" tells the whole tale in two syllables. Or one might use the Latin for architect, which is architecetus. Of course, the date would be included.

In OUR own case there was no architect. According to the ancient son of the man who built this house, "Pop did it himself." On further questioning (for this old fellow was reticent), "Pop took it from a book because Mom liked it." "Pop," by the by, was a master carpenter, a worthy man in any age. And there must have been some excellent books of house plans in those days, for "Pop" chose a good one—simple, severe, classical, in the Neo-Greek style that prevailed in this country from 1800 up to the Civil War. This John Ryder, for such was his name, built the house for his bride, tucked it on the side of a Connecticut hill facing south so that the north winds would not make living unbearable in winter time. In front he planted two elms, one for his bride and one for himself—and they still shadow the old house with their generous branches. Successive generations of owners have had respect for its lines and such additions as were made have only given it nobility.... If, on some starry summer night, the shade of old John Ryder should lift aside the honeysuckle and read his name inscribed there, we hope he will be pleased.
The wing of a house is at its best when its roof lines are easily and gracefully related to the main building. Here is a pleasant relationship, with the chimney rising between house and wing and adding its vertical lines to the oblique lines of the two roofs. The house is of brick and slate, with white painted wood trim. It was designed for A. K. Wampole, by Mott B. Schmitt, architect, and is located at Guilford, Baltimore, Maryland.
A CABINET-MAKER of COLONIAL AMERICA

In William Savery of Philadelphia Collectors May Find
a Figure to Rival Duncan Phyfe

GARDNER TEALL

While wide publicity has been given the name of Duncan Phyfe, the early New York cabinet-maker, few are cognizant of the fact that Colonial America produced in the person of William Savery of Philadelphia a master-craftsman whose work, so far as we have been able to identify it, is, from the point of view of artistic worth, superior to that of the New Yorker.

For a long time speculation has been rife as to the origin of certain unusually fine pieces of furniture which had come down through generations in certain Philadelphia families, and as to furniture found in other eastern states whose kinship with the Philadelphia pieces was unmistakable. Even as late as the appearance of Mr. Luke Vincent Lockwood's valuable and scholarly two-volume work on "Colonial Furniture in America" (edition of 1913), William Savery's activities as a Colonial cabinet-maker were practically unknown to students of the history of American furniture. Then came the discovery and publication of this label that awakened interest which led to the recovery of such information as we have to the present regarding the old Philadelphia cabinet-maker whose name had rested in obscurity too long, although his works were treasured by their owners and eagerly sought by discriminating connoisseurs who recognized their superior quality although they were ignorant of the name of the master who created them to the glory of American craftsmanship. One of the collectors was Mr. George S. Palmer whose taste and enthusiasm were rewarded by the acquisition of some of the finest examples of Colonial American furniture coming to light. These passed into possession of the Metropolitan Museum of Art, and in due course will be installed in the new wing of American art now being erected through the munificence of Mr. and Mrs. Robert W. de Forest.

The pieces in the Palmer Collection and others of the same genre awakened the interest of Mr. R. T. Haines Hall (to whose researches the present writer is greatly indebted), and he set about to discover all that was discoverable concerning Savery. With the assistance of Mr. Alfred C. Prime some interesting facts were brought to light, and it is from these records that the meagre biographical data which we have of Savery are derived.

The surname of Savery is not an uncommon one in Colonial America. Each
In the Seventeenth Century there were Saverys in the Massachusetts Colony and elsewhere, and a family of Saverys had likewise established itself in Barbadoes somewhat later. Whether William Savery of Philadelphia was born in the Colonies, Barbadoes or in England, we do not know. It is possible that he found his way from New England to New York and there served an apprenticeship to one of the many cabinet-makers plying their trade in that city before finally locating in Pennsylvania. It seems quite as likely that he went from Pennsylvania to New York, and returned to Philadelphia. We do know that Savery was Quaker, that he was born in 1722, married Reese Peters April 19, 1746, and died 1787. The year of his birth is derived from the entry of his death which states that this occurred in his sixty-fifth year.

Further records, brought to light by Mr.alsey and Mr. Prime show that William Savery was an assessor in one of the Philadelphia old city wards during 1754, and at some thirteen years later he was agent and collector of taxes for the guardians of the poor. Like many other thrifty members of the Society of Friends, Savery appears to have prospered exceedingly well. He became a property owner early in his career for at twenty-four he was receiving an annual rental of £52 for a house on Third Street, some twelve years after his tax bill was no less than £37 and by 1780 he was being taxed on some $46,000 worth of property. William Savery appears to have been a Godfearing, public spirited, industrious and provident citizen. As craftsman his work shows a surprising degree of excellence; it is comparable with the finest English work of the period. Considering the fact that the records we have of his life (Continued on page 104)
In talking about color three words are employed more often than any others. They are tint, shade, and tone. They are used constantly—and pretty much at random. Only tone retains its individuality, largely because it refers to any color quality. A tint is something quite distinct. It is a color lightened by the mixing in of white, and is in direct contrast to shade, which is a color darkened or intensified by the mixing in of the same or another color.

Paille, primrose and maize, of the yellow tints listed below, are tints, because they are definitely lighter than true yellow, and have been made so by the addition of white. Mustard, gold and saffron, on the other hand, are shades of yellow, being deeper in tone than the type. Of the various tints, crimson, garnet and claret are all shades of red, and peach-blow, rose and salmon are all shades of pink.

Tone is a rather elusive word, which comes to giving it a brief definition; but its meaning is generally instinctively understood. Speaking of primrose it might be said that that tint is a fine fresh tone of yellow, or, speaking of claret it might be said that that shade is a much less usable tone of crimson.

AMBER, the color of a yellowish translucent resin. A deep yellow, sometimes with a greenish tinge.

APRICOT, the color of the fruit, a warm pinkish yellow.

BURN'T ORANGE, a deeper tone of red, a rather reddish brown in it.

CANARY, a light, clear yellow named after the color of the bird's feathers.

CHARTREUSE, a light, greenish yellow, the tone of the liqueur made in a French hermit monastery.

CITRON, the French word for lemon, clear, bright yellow.

DAFFODIL, cool, light yellow, the shade of the flower.

GOLD, the hue of the metal.

MAIZE, the color of Indian corn.

MUSTARD, a deep yellow on the greenish tone.

OCHRE, the color of earth used for making paints, brownish yellow.

OLD GOLD, a brownish, dull gold.

ORANGE, the color of the fruit, the tone on the spectrum midway between red and yellow.

ORIOLE, a bright yellow verging on orange tone, named after the color of the bird's breast.

PAILLE, the French word for straw, a soft, pale yellow.

PRIMROSE, a very pale yellow.

SAFFRON, a deep orange yellow, the color of the stigmas of crocus or saffron flowers.

SULPHUR, a light greenish yellow.

AMERICAN BEAUTY, called after the rose of that name. A light, purplish red.

BRICK, a dark, dull, orange red.

CARDINAL, bright red but not so vivid as scarlet. The color of a Cardinal’s robes, between scarlet and crimson.

CARMINE, a rich red with a purplish tinge.

CATAWBA, a dark, purplish red, taken from the name of a grape.

CERISE, the French word for cherry. A bright, clear red, also a dark red purplish in tone.

CHINESE, sometimes called lacquer red, because it is the tone one finds in much of the Chinese and Japanese lacquer work. A clear, vivid red with a great deal of orange in it.

CINNABAR, brilliant red with an orange tinge, named from the mineral substance of that color.

CLARET, dark, bluish red, named after the wine.

CORAL, this color according to scientists, takes its name from the internal calcareous skeleton of one of the group of Alcyonaria! It is a light, pinkish red, on the vermilion tone.

CRANBERRY, a bright, dark red rather bluish in tone, named after the fruit.

CRIMSON, a deep red color tinged with violet—a tone ranging from deep scarlet to a purplish red.

CYCLAMEN, named after the flower, a rather hard, purplish pink, not as deep as magenta.

GARNET, a very dark red, the color of the semi-precious stone.
This child's secretary is perfect in each detail.

A room completely furnished with child-size Colonial pieces is to be found in the Jane Teller Mansion, New York. The pieces are being reproduced.

ROOMS for CHILDREN

Their Furnishing and Equipment

In a country cottage nursery one might transform a miniature sleigh bed into a child's bed by rattan side boards.

The toy cupboard in the Jane Teller collection is of Dutch extraction and design.

Pale shell pink walls and woodwork, white glazed chintz with pink rosebuds and cream painted furniture make this girl's room. Tate & Hall, decorators.
Imagine a nursery without a window seat! Here the seat is wide and comfortably cushioned. On each side are bookshelves which can be filled as the child grows taller. Toy drawers are underneath and a child's rocker close at hand. Chair from Somma Shop.

This playroom for modern boys has a blue painted ceiling and walls papered a soft white. A scene is transferred to the paper, sketchily rendered in red crayon, with spots of blue and green painted with water color. A wire hopper offers protection for children and toys. Felt rugs with applied felt designs are soft and durable. Rugs from Agnes Foster Wright.

A lattice paper with either pale pink or blue ground would be suitable for a nursery. Mrs. Gillette Nichols.

Another suitable paper has flowers in pink, blue, yellow and lavender on a white ground. Mrs. Gillette Nichols.
Patricia, daughter of Billie Burke, has a sitting room all to herself, with walls and woodwork of green blue and curtains of cream net with canary yellow taffeta ruffles and valances. The furniture is maple. A yellow and cream striped fabric on the Patricia-size rocking chair adds a fine note of color to the room. Elsie Sloane Farley was the decorator.

Delightful chintzes for nursery has children's in various shades blue. 31" wide. From the Chintz Shop.

For a little girl's room comes this chintz of rose pattern on a shell pink ground. 31" wide. From the Chintz Shop.

Besides a sitting room, this fortunate Patricia has a bedroom, with cream net ruffled curtains and green blue walls and woodwork. The dressing table is of cream net over yellow taffeta, and the bedspreads are of the same. Elsie Sloane Farley, decorator.
When radio has inspired the design and making of special pieces of furniture to accommodate its mechanism, it is only one step further in the country house to develop a room dedicated to the secluded pursuit and enjoyment of wireless. Such a room is shown here in plan and with three of its side walls. The fourth wall is shown on page 51. The radio desk cabinet is drawn from an actual model, and the other furnishings have been carefully chosen and arranged to suggest the room's character.
This specially designed seat is built on standard sectional drawer units, and is convertible into a bed. It is fitted with a box spring, with a cover to match the chairs shown in the main illustration.

DECORATING the RADIO ROOM

A New Thought for the House in Town or Country Where “Listening In” is Getting to be One Serious Pastime

ALWYN T. COVELL

When tea-drinking became the fashionable thing to do in Queen Anne's time in England, and the collecting of Oriental porcelains, at the same time, became a fashion and a passion, furniture designers at once rose to the occasion with a variety of tea-tables and glass-door cabinets. So closely does the design of furniture follow the demand of the hour.

Within the year that radio "panels" began to appear in every third house, and the receptance of words and music from the air became an accomplishment no longer confined to the rare electrical genius, furniture design has provided special desk-cabinets to hold the apparatus. It was the same with the phonograph, but radio involves rather more: from its very nature it suggests something more in the way of environment; it is a thing of great distance and far horizons.

With the new radio desk cabinets as a point of departure it is not difficult to imagine a special radio room, developed in an attic wing, and furnished in a manner befitting its purpose.

A room of masculine character, obviously. No frills or trimmings. The first thought, for some psychological reason (perhaps the primary use of radio at sea) is of a room with a nautical air. Not an imitation ship interior, by any means, for attempts to do this usually produce something very unreal and sometimes silly. A room can have a nautical air without being in any way an imitation of the interior of a ship.

The floor, in the sketch plan with this article, is of tile linoleum, in two shades of slate gray, and the walls are of sand-finished plaster, tinted. The furnishings are of the simplest, and the nautical air is given by the accessories rather than by an architectural device.

On either side of the door on one end wall are sectional bookcases, finished in dark brown oak. On the long wall to the right of the entrance, the radio desk is centered before a dormer window through which the aerials would be brought. The windows are all leaded, and their casings cut to give them a pointed effect. These casings, as well as the cut of the ceiling beams, while not strictly nautical are designed to give the whole room an unusual feeling, and to suggest, without attempting to imitate, the interior architecture of a ship. Two comfortable chairs are placed on either side of the radio desk, and these might be covered with dark blue mohair, corduroy or reps.

The fireplace end of the room explains itself, and suggests a setting for an old map. The remaining long wall is shown in another sketch, and is treated with a specially built seat and bookcases. The seat consists of a box spring placed on a base which is made of standard sectional drawer units—a convenient place for papers and maps. Also a compartment behind it where pillow and covers are stored away. Terrestrial and celestial globes serve both useful and decorative purposes in the room.
THE last fifty years or thereabouts have witnessed the introduction of a number of destructive tree pests, such as the elm leaf beetle, the gypsy moth and the leopard moth; while native insects, like the white marked tussock moth, the bagworm and the sugar maple borer have not been slow to take advantage of extensive and reliable food supplies and a considerable degree of protection from bird life. These recent developments have resulted in a gradual increase in insect depredations which for the most part have been regarded as of little consequence, or considered as inevitable, and a careful examination of our trees at the present time shows the effect in a lamentable scarcity of perfect specimens, many of them with appreciable injury and not a few seriously deformed as a result of insect work. The operations of the sugar maple borer are particularly insidious since a period of five to ten years may elapse between an apparently insignificant injury and the death of a considerable proportion of a symmetrical maple in its prime.

The long period between planting and the attainment of maturity makes trees particularly susceptible to insect attack. It requires a generation to produce even a moderate sized tree, while the stately monarchs on lawns and in parks may have complacently viewed the passage of five or six human generations. Tree hazards are immensely greater than they were fifty years ago and we who have benefited by complacently viewed the passage of five or ten years may have an unfavorable condition and be a possible and may be easily killed by oil applications as described above. This insect occasionally becomes so extremely abundant that portions of twigs and leaf stalks are yellowish with the numerous young in early July and the walks under infested trees are kept moist with honeydew during the hot dry weather of mid-summer. The foliage of European elms is sometimes greatly disfigured by the irregular

(Continued on page 82)
The Portfolio this month shows six views of the New York home of Mrs. Henry W. Howe, of which Elsie Tobb Wilson, Inc., was decorator. Above is the morning room, with yellow walls and woodwork and nasturtium color chintz hangings.

Old pieces give quite an unusual flavor to the hall. Here the walls are gaily color and the rug a Persian in subdued tones. The furniture is mainly old Jacobean pieces with one or two early American accessories in quite brilliant contrast.
The past two years has a revival of interest in as a wood both for furniture and paneling. Original paneling is much sought after the creation of rooms as this well designed lit.

Against the background of the old pine paneling, hangings of amber brocade. The rug is Persian. Some of the furniture is covered in blue and tan.
Two views on this page. The owner's bedroom, like the other rooms in the house, are done in the American taste. Here walls are putty color and furniture mainly maple.

The windows and on the draperies are of blue chintz with a border of print chintz. A new rug is enlivened with red mats. The cupboard is a fine china collection.
The step-saving kitchen is one of the boons which the modern architect has given to the housewife, and the co-operation between manufacturers of carefully designed kitchen equipment and able architects is notable.

The domestic kitchen should be logically planned. Its importance has been neglected too often in installing the new and attractive fittings that have been placed on the market in recent years. There is no need for inefficient or wasteful planning of space in the service end of any dwelling house any more than in any manufacturing plant if an analysis of activities is made and a careful layout considered to fit individual needs. The woman who must cross her tracks a score or so times in preparing any simple meal has not done this, or else the limitations of the existing plan of her house are very severe.

Writers on the activities of the domestic kitchen are generally agreed that two headings will cover every process that takes place. These are (1) preparation, and (2), clearing away, and every piece of kitchen equipment can be fitted into these two processes in such a way that the arrangement will be efficient and logical, saving innumerable steps and affording more pleasant working conditions. Included in preparation are all operations necessary to setting the foods on the table.

For preparation are needed the store closet, refrigerator, sometimes the cellar, a work table or cabinet where immediate small utensils and supplies are at hand; the stove, a serving shelf with warmed serving dishes nearby and direct access to the dining table.

For clearing away are needed garbage disposal, refrigerator, sink, and dish cupboard with direct access to the dining table from the cupboard.

Considering these two processes together, a plan is immediately suggested, which places the outside and cellar entrance with refrigerator at one end of the room and the dining room door at the other with the articles of equipment arranged along each side. The diagramatic layout of logical positions on page 57 follows this arrangement, and suggests the plan that should be sought for every kitchen wherever its location in any house.

Some objection may be raised to the relation between the sink and the work table for many cooks feel that they must have the sink adjacent to the work table. More carefully considered, however, it is easily seen that the use of water in preparation is secondary to its use in cleansing dishes and other articles. The preparation of vegetables at the sink is a separate process, which may be done at odd times, the preparation of vegetables being set away until wanted.

In elaborate establishments where more than one person is occupied in the kitchen, an auxiliary cook's station is located near, or set into, the work table is desirable.

The three model plans shown need little explanation for the dotted lines indicate the direction of both processes. Each is a logical plan for four types of kitchen, (1) the average small house, (2) the apartment, and (3) the larger house.

The same relative positions for equipment are followed in each with one exception, namely, the apartment plan. The position of the kitchen in so many modern apartments is such that only one wall is available for outside light. The typical apartment kitchen has been chosen to illustrate desirable positions in placing the equipment. It is seen that the refrigerator only is set out of place.

Ideal conditions are usually obtainable in the two kitchens and the models that are typical. The medium-sized kitchen might have a pantry attached near the outside entrance, where space is limited ample cupboard and shelf above the room is provided in the kitchen itself, many housewives prefer not to bother with it. A dumb waiter in the cellar in any kitchen is a great step-saver and when no bins are provided in the kitchen for a few days' supply of fruit and vegetables becomes a desirable feature.

In the more elaborate kitchen for the large home (Continued on page 114).
Plans for the kitchen of a large house with logical arrangement.

Proper arrangement of equipment affects economy in steps and energy.

A model arrangement for the kitchen of a medium-size house.

A preserving kitchen is a handy adjunct to a country house. In the home of James B. Taylor, Oyster Bay, N. Y. William Adams, architect.

Built-in cupboards, modern stove, and work table make the kitchen below easily working. Julius Gregory, is the architect.

In large and small houses the pantry should be equipped for smoothly running service. F. H. Behr, architect.

An apartment house kitchen. Designed by Schmidts, Garden & Martin for the G. I. Selzer Co.
THE TEXTURE of PAINTED WALLS

Many Beautiful Effects Can be Obtained on Washable Surfaces by the Various Methods of Stippling, Blending and Stenciling

NORMAN COLLART and BERTON ELLIOT

TO MOST of us, texture means something we can feel or touch, while pattern is thought of as something to see. Thus a child assures himself that an object looks a certain way because he has felt it, and because his fingers have told him so. The average grown-up, even, doesn't trust his eyes when buying a piece of silk or woolen goods, for example. The fingers once more become the secret-service agents of the eyes and ferret out hidden qualities that might indicate whether or not the piece is as good as it looks.

Your first impulse in viewing a piece of furniture, decorated wall or bit of nicely varnished or enameled woodwork, is to feel of it. Good enamel or varnish work feels smooth as plate, and any roughness detracts from your estimate of the quality of the finish, even if the color is all right. And how quick we are to condemn any imitation effects—something that seems to be that which our touch tells it is not!

Now, pattern is too loose a term to use to express the idea of appearance in fabrics as well as in decorative effects. Take Scotch homespun for example. There are usually several colors in the weave of an interesting pattern. The yarn is generally uneven with the result that there is a scattered spotting of color. Remember the old salt and pepper effects—in black and white—these can't be called pattern, surely.

It is simply the roughness of the surface and the rough broken color effect that distinguishes this texture from the texture of broadcloth, silk, linen, or anything else and gives it its charm. It is this principle of texture that is so extremely useful in decorative art, and especially home decorating; many colors going into one surface to blend or melt into one another, soft, intermediary hue. These colors entering into this texture treatment naturally can be handled so as to harmonize with a dominant color note, and here lie its application to decorative wall treatment.

In the average home, the use of texture is the most suitable effective and practical method that can be employed to secure proper interest in wall color. In decoration this does not necessarily mean tangible texture, as in fabrics, for the texture that is indicated by pleasing contrasts in light and dark color will readily satisfy the eye, and a wall covering that is smooth to feel may have that most pleasing visible texture.

IT is usually some difference in designed texture that marks the difference between the richer, more harmonious and more high-toned decorative effects immediately sensed in entering some homes, and the ordinary non-impressive decoration of others. Texture is of many varying degrees, so that appropriate effects may be obtained for different sizes and types of rooms.

Pattern and texture have always been available in wall paper, and every housewife knows how easy a room can become with just the right interest in wall color. While the average home owner has known and appreciated the economical and sanitary advantages of painted walls, it has never been widely known that beautiful textured walls are obtainable in these painted effects. They have only in the past few years come into general use in home decoration, and are the newest thing in wall and ceiling decoration. The best part of it is that these richly textured effects may be obtained by processes so very simple and practical that there is no home in which they cannot be used.

There are two separate methods of producing these effects:—One of these is by cloth stippling or mottling, generally known among decorators as "gazed effects," the other by sponge stippling: both being produced over foundation brush coats of flat oil wall paint.

Regular colors of flat oil wall paint, together with a flat wall brush and a sponge (with a little varnish-size for the first coat), are all the materials and equipment one requires for the work.

FIRST apply two or three brush coats of the flat wall paint. Two coats are sufficient to cover well with all but the lightest colors, if the surface is in ideal condition. Three coats should be applied if necessary to produce a good uniformly even surface. If applied direct to plastered walls, the first coat of flat wall paint should be mixed half and half with varnish size to seal the surface and prevent undue absorption of the paint by the porous plaster. If the walls have been previously painted with an oil paint the addition of about a half pint of varnish-size to a quart of paint will tend to produce an affinity between the previous finish and the new coating, and cause the new coatings to adhere with greater tenacity.

After the foundation brush coats have been applied, the sponge is used to print or stipple the texture over the background of the flat wall paint. In selecting the sponge care should be taken to obtain one that has a good, even, open texture, or, in other words, an interesting pattern. The bottom of the sponge is the surface to use for stippling and it should be trimmed by slicing off with a knife to get an interesting flat printing surface. To do this, wash the sponge out carefully and allow it to dry hard. It can then be cut very easily with a large knife. The sponge can also be wet by using a large pair of shears.

When ready to stipple, wring out the sponge so as to soften and open it up, then use it quite damp. Pour out on a board, cardboard or piece of tin, a small quantity of the stippling color, which is the same flat wall paint used for the brush coats, but of another color, selected for the stippling color. Rub the bottom of the dampened sponge into this. Tap the sponge once or twice on the dry part of the paper to remove any excess paint. It is then ready to stipple on the wall. Having too much paint in the sponge will make a dubby impression, and too little paint will produce an uneven print and one that is too light.

IN stippling, simply keep tapping the sponge on the wall until the entire surface has been gone over. Tap the sponge straight onto the wall, without any turning or twisting motion. A firm, confident, but not too heavy stroke is best. Ten minutes in practice on a big sheet of wrapping paper will give enough experience to get the hang of it, so that you can go right ahead with the stippling on the wall with the best of results.

One can make a surprisingly large number of prints with one loading of the sponge—sometimes twenty or more depending upon the sponge. Rough plastic takes up the paint faster than smooth plaster.

In stippling avoid going in straight lines. Work around and around. Do not place two prints where the first print after "loading" next to the last one where the sponge was getting dry. The difference in prints would be too noticeable. Start away a bit and work back, filling in.

For doing the wall close to woodwork and ceiling, use a small piece of sponge cut off from the opposite side to that being used regularly for painting. The ceiling ordinarily should not be stippled, but should be in plain color of some light shade, such as soft ivory or cream.

Two or more stipple colors may be applied, stippling the first color over the entire wall; then clean out the sponge and stipple the second color directly over the preceding color.

To clean the sponge, wash out in benzine, gasoline or turpentine. If it is to be put away permanently, wash with soap and water in a paper bag to keep it from the dust. Otherwise, wring in clean water and it is ready to use again.

The beauty of these effects, of course, depends upon the harmony of the colors.

(Continued on page 80)
Today, owing to the condition of the building market, anything with a roof possibilities as a house. Ruinous old houses, and dilapidated houses which have even the simple dignity of most farms being viewed through the eyes of imagination and envisioned as altered into Meaning country homes. Outside the architect’s problem, an alteration which will make a new house out of old one calls for two things—imagination and courage. Imagination, first, to see the house that be evolved from the humblest and most promising old ruin, and then courage to the place and accomplish the job of remodeling. Lover of architecture in general might the present high costs of building not unmixed national affliction. He could certain the hope that for every new house isn’t built, some unsightly relic of the of bad taste will be salvaged and made into a house of permanent architectural ess and beauty.

Divided broadly into two main types, the is the alteration which seeks to en transform the old house so that the one has nothing whatever in common it, and the alteration which seeks to serve as much as possible of the original, to add to it more in size and conveni-
The altered house and a snapshot of the original house, from a similar viewpoint. The curious broken gable has been preserved and the box-like extension has been transformed.

"Before and after" seen in a snapshot of the original house and redesigned house. Architectural salvage and planting effected the change. Mr. Okie's house, near Philadelphia.

The location of the main entrance remains, but little else of the original plan, except the window arrangement, was retained.

ence than in character. The first type is the more frequent, because the original house in most cases possesses nothing worthy of preservation, and the second type supposes an old house which has a charm and character which would be most unfortunate to literate.

Although the complete transformation of an old house into a new one may seem to many people to be a greater undertaking than the "restoration" type of alteration, it is as a matter of fact easier, in certain conditions other than those imposed by cost need to be observed. The very entrance may be moved from one side to another, and the original building is of value only because of the economy it effects in excavation, foundations, walls, and roof. The important point to decide at once which kind of alteration will make the most of the old house.
The rear of this frame house has been altered from an appearance of actual squalor to one of livable attractiveness, and the transformation has been made without elaboration.

The transformation of this old house into a new one affords an excellent example of what can be done without restoring to architectural pretentiousness. Done for Dr. Ralph Pemberton, at Paoli, Pa.

Illustrations of this article show houses made from old ways, by an architect of imagination and conscientiousness who achieve unusually happy results in this kind of work.

In the first example the finished house shows little in common with the original except the characteristic local combination of stone masonry partly exposed and partly stuccoed. A keynote of simplicity, too, has been kept as a keynote, and it is a technique excellently suited to remodeling of old farmhouses elsewhere than in Pennsylvania.

It will be seen from the plans that the old house has been given in size, and given an entirely new arrangement, while the new house has the expression which is one (continued on page 126)
HOW TO BUILD A POOL

A Practical Explanation of Methods to Follow in Performing What is Perhaps the Most Difficult of All Garden Feats

RICHARD H. PRATT

SOMETIMES pools are called Nature's Mirror, sometimes The Soul of the Garden. And there have been other names for them in garden writings, containing sentiment just as pretty. But it seems almost impossible to find any printed record of what they are called when they seep dismally away through an unexpected crevice, or when, on a winter's night, they crack with frost. Unfortunately, there is no way to put a stop to those sweet banalities of the first instance, but there is a way to make the latter epithets unnecessary. That is by building pools which will neither crack nor leak. And that is easier said than done. But it can be done with a very fair measure of luck if the methods outlined below are used.

One hazard will lie in the fact that there is a temptation to undertake all garden affairs with your own hands. None but pool building should be resisted. Here you should stand firm, and turn the actual work over to skilled mechanics. For there is something about the crafts of plumbing and concrete-mixing which requires for a successful performance some previous substantial experience. The situation of the pool, on the other hand, together with its size and appearance, should be determined by you or by your garden designer or architect. These matters will be touched upon towards the end of the article. The immediate concern is practical.

Generally speaking, an inside depth of 2' is plenty for any but a swimming pool. It is plenty for the growing of almost any kind of water plant, and for the sort of fish suitable for pools. Less depth is sometimes preferable in pools which are to be lined with brightly colored tiles and filled with sparkling, transparent water and darted with flashing gold and scarlet fishes. The depth is mentioned first because it partly controls the depth of the excavation, which is the first important step in the operation. The other thing which controls the depth of the excavation is the frost line.

The distance below the surface of the ground reached by frost varies with the climate of the locality and the severity of the season. The frost line at your pool is not the depth to which frost goes in an average winter, but the greatest depth to which it has ever been known to go there, with 6" added to the distance for good measure. This distance may be as great as 5' in rigorous climates, while in the far south and on the lower Coast it seldom needs consideration.

Regardless of the depth of the pool the outside walls must go below frost line. Otherwise there will be freezing underneath and the consequent expansion will more than likely crack the floor of the pool. Frost cannot get under to this vulnerable spot if the side walls are sent down to the proper depth. I have made a drawing, shown below, of a section through a typical pool, which will illustrate this point as well as the others as they come up. Here the inside depth of the pool is 2', and the frost line is considered to be 3' 6" below the surface of the ground. If the outside depth of your pool comes below frost line, as it very often will, there is of course no need to carry the outside walls below the bottom of the floor.

Another preliminary consideration, a very important one, is that of setting pool upon solid ground. Any settling of the earth upon which the pool rests is bound to result in a strain on the structure which it may or may not be able to withstand. If it should resist the strain of walls and floor it might shift bodily on a true level and the water line would lie on a disturbing angle with the contours while it should give way it would drain off in a manner that was part of the original scheme. Therefore the pool must be built on a fresh fill of earth, the side walls go down to solid ground, tamp the earth well before pouring concrete of the floor.

Frost, next to poor construction, is the chief enemy of pools, the more so because taken to prevent damage in this dire manner the better. Thus the caution is suggested of filling in behind the side walls with a 6" layer of cinders and the laying a "batter" (known as a "batter") of an inch or two on the bottom of this cinder fill, below the walls, of sections of open tile drains which will carry off the water that easily through the cinders. Without this cinder backing, water is apt to ooze against the walls, and, freezing, perforce its devastating stunt.

In setting the forms for the sides another bit of safety may be practised in giving both faces a slant (technically known as a "batter") of an inch or two from the bottom to the top, towards (Continued on page 100)
The house of Mrs. E. N. Edward, Paoli, Pa., takes advantage of its sloping site, and presents two very different aspects. It illustrates, too, the effect of a simple treatment of stucco and lattice work. E. Nelson Edward, Architect
A well-studied example of the semi-formal English type of brick country house. The entrance is definitely Tudor and the use of metal casements is characteristic of the same style.

The plan large area ranged about great coil hall, in the English manner. In a wide part of this close, long parts are need not give little to its steps wide part.

THE HOME OF CHRISTOPHER L. WARD
Centerville, Delaware

MELLOR, MEIGS & HOWE
Architects
The garden front presents an interesting composition of roof lines and chimneys. A house of this type, conservatively designed, built of impervious materials, gains attractiveness with age. Looking into the dining room through the passage between the library and morning room. The decorative plaster beams and pointed doorway give distinction to the interior. The sleeping porch, in the wing of the garden front. This detail affords a good illustration of the brick "nogging" in true half-timber construction with brick between the timbers.
THE DELIGHT of DAFFODILS

H. STUART ORTLOFF

The daffodil is, without a doubt, the most popular flower of early spring; for there is no other manifestation which gives us quite the same thrill, nor makes us feel, as we see it nodding and swaying with each passing breeze, that summer is actually on its way and that the fierceness of winter is over.

Like the other things which delight with their early spring bloom, we have to plan for and plant daffodils in the fall of the year in order that they may be in their places and ready to respond to the first warm rains of spring. They may be planted as early as it is possible to procure them, or as late as we are able to dig in the ground, but October is the best possible time. planted then, they are able to make sufficient roots to be ready for an early start, and not enough top growth to be endangered by the winter cold. Election Day has been in the minds of many as the acme of the bulb planting season. Pulse, duty accomplished early in the day, we can be more pleasant than to spend the rest of the holiday burying small bulbs whose glory will be culminated next day?

Wordsworth has given us a most glowing (Continued on page 86)
Ernest Wise Keyser's "Orientia," an exotic, perpendicular pool figure, would effectively end a long path in a small garden.

The same sort of situation would be suitable for Arthur E. Lorenzani's "Fountain of the Golden Age" with its graceful lines.

A garden whose entrance were flanked by two goats, like Albert Laessle's "Billy" would begin with a bit of decorative humor.

Jane Scudder's bird bath figure and the others here are from the current National Sculpture Society's exhibition in New York.

**SOME RECENT GARDEN PIECES**

Shown at the Hispanic Museum by American Sculptors
Although they lack fragrance the Chinese and Japanese pinks give abundantly in color and form. They are easily raised from seed.

Like the Smiths, the Dianthus or Pink family is a large one. It has its direct descendants and its collateral branches. No one, unless he be a botanist or a great authority on the subject or an unredeemable flower fiend would ever attempt to meet all the members of this family either in their native haunts or in local garden soil. For, beside being a numerous tribe, this family is widely scattered and its members have adapted themselves equally well to the rigors of a glacier, to dry meadows, to chinks in rocks, and to innocuous and sheltered positions in garden edges. Like the Smiths they

The Family of Pinks
Meeting the Dianthus
Richardson Wright

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Without Sweet William, Dianthus barbatus, a garden is not complete. It makes its grand showing in mid-June in the locality of New York. For massed effects the single colors are better than the varicolored pleasant eyed kind shown here

Cont/ued on page 98
ACK TO LOG CABINS

In This Second Article the Architect Tells How to Build Fireplaces, Porches and Construct the Walls

DARRAGH ALDRICH

EAR Mac:—

"Your cheery, "All set—let's go!" goes to hand. It's a great little spirit which to start building anything. Going onto it even when you find out that takes twice as long to put up your cabin you had planned. As soon as I had completed were unharmed—and the moss still clings to the nearby rocks. I got an entirely new conception from my crew of what the term "gentlemen" originally meant.

After we had staked out the building, we dug away from the ground within the lines all that might be a firehazard or carry smouldering running flame, and piled up the rocks about the site marked for the fireplace. Then the logs, peeled and dried, were brought up.

Ready now for the underpinning or supports for your sill logs. Probably you will find plenty of rock for that—but you can utilize cement piers if you prefer them. We used rocks throughout—and managed to level up pretty well. Your sill logs you lead from your longest and strongest suit in this game, and bridge across your supports, leveling up with more care than you ever put into anything else. In plane with the sill logs are adequate supports through the center of the building, likewise resting on rock underpinning. Upon these are laid your floor joists, spiked down into place.

Then the first logs of all walls are laid all around—this means the partitions as well as the outer walls. Then comes the rough flooring fitted to the first log and nailed to the joists. During this time carry the fireplace masonry up to this level—where, unless it is in the outside wall, it can await the pleasure of the mason for a time.

In starting your wall logs, cut a saddle in the lower log at the corners of your building and a notch in the upper log to fit it, spiking well with nine or ten-inch spikes into place. Set your door frames and cut your logs accordingly, spiking well into the door frames.

CARRY THE WALL up thus to height of window sills and set the window frames, building the wall logs to them and spiking through the frames into the logs ends.

We have found it, by the way, a great saving in time and material to set the frames and build to them instead of constructing as...
Here the project begins to take form. The layout of the floor logs reveals the shape and size of the cabin, and the method of framing.

At the left: The base of the stone chimney is laid, and its structure built into the opening in the wall which has been left there for it.

At the right: A detail of porch construction, in which a frame of milled strips, nailed to the logs, is provided to take the screens.

Below: The front wall and porch of a cabin nearing completion, with the framed openings temporarily braced. Two cabiners, in the other picture, are rolling a log into place for the roof.
The technique of the most primitive stone masonry is the thing for the really consistent log cabin fireplace.

The cabin fireplace of "Seven Glens", which is seen in its setting in one of the illustrations of the scale model, is the rage woodsman does—cutting the sills and doors through the logs after they are in place. You can see for yourself it is possible to utilize shorter and manageable logs in the former wall log—your plate log—to alleviate your frames. Try to have one cut log carrying across above your opening in order to make firm your fire and tie the walls together securely.

The gable ends are then spiked on up to the required height. Establishing the ridge log, cut your gable logs to the proper lengths, the ridge log is cut into the peak. The purlins into the slanting ends and these are well spiked into place. The top logs, the ridge, and the purlins must be long enough longer than the walls to carry the roof at each end. Cut in your rafters at intervals of more than 3½ and lay on your roof covering.

Logs carrying your porch roof are built into your walls if the design of it, thus making the porch an in-"part of the building instead of being built on afterward—and looking the part.

The fireplace can be made a veritable box of strength to your building by adding with the masonry as your particular ascends, tying your logs right into rock and mortar structure.

The operation of calking the logs, in which all hands can assist, is another essential in the making of a log cabin.

This is the manner of notching the logs at the corners—an essential of construction.

Above this cabin fireplace are rough log slabs, and below the cross-tie log, a bit of quaintly crude carving for decoration.

In building the skylight, the frame of it should be unrolled, cut to fit, and left to stretch in the sun before nailing down unless you desire a ruffled effect atop your cabin. Needless to say, this roofing must be well-nailed and well-pitched where it laps. Remember that pitch and nails come inside the roofing rolls.

Now a matter which is often a bone of contention amongst cabin-builders is whether or no there shall lie skylights. We are all for them and many a one who has seen the cheeriness of our cabins in the woods as against the gloominess of the average woods house has gone back and cut a hole in his own roof. Particularly in the room used as a kitchen is a skylight a boon and on a stormy day the living room will be a lot more attractive with a bit of light filtering in from overhead. A curtain can be arranged, if need be, to obscure or tint the light upon days of brilliancy—but I assume that you are not erecting your woodland home in a blistering spot anyhow.

In building the skylight, the frame of it should be several inches above roof level and adequate flashings provided about it to prevent seepage of rain or melting snows. The fireplace chimney, of course, must have flashings at the roofline for the same reasons. These may be of tin or roofing—our own being all that they should be though originally discovered in old tin cans about the can dump. Hammered out and painted, this salvage has kept us perfectly dry.

(Continued on page 108)
A CHANGE OF AIR at HOME

Used for Cooking, Ventilating, Drying and Heating, the Electric Fan Has Become a Permanent Item in the Household Equipment

ETHEL R. PEYSER

The fan is a valuable asset in a room because of its power to change the air and create a moving air in the room. The latest theory in ventilation lore is that moving air is more necessary than fresh air. A radical sounding statement, but one with considerable reasonableness behind it.

For many years people maligned the fan and felt that its only function was the making of drafts. But at the present stage of things the fan only makes drafts when drafts are insisted upon or when they are desired, and it is probably becoming one of the most needed tools in the home. It is the same old story that the best of things can be used so as to render them a danger or a menace while the same things rightly used are life giving, useful and endearing.

It depends entirely upon where you place and how you place the fan, and what you want it for, as to what it will do. In our case during the year—summer, winter, fall and spring—we wanted it for many reasons:

1. To keep the air moving and vital
2. To increase the heat in the room
3. To dry the hair after shampoo
4. To dry home laundry
5. To keep cool

Taking up these five uses:

1. To keep the air moving and vital

To get the best results from an electric fan, without having drafts on any person in a room, the fan should be placed toward the ceiling of the room, so that it keeps the air in circulation, or it may be placed in a window, facing it toward the room, in which position it draws fresh air into the room.

The winter as well as the summer includes the use of the electric fan, for as we said above, the very fact that you can increase your heat by using it would make its winter use worthwhile. Then too, you can supply a draft to your furnace if by chance the natural draft is faulty. As you know, the fact of having a faulty draft causes the coal to burn unreasonably, but by the use of the fan, in which this case (rightly) creates a draft, your coal will be properly supplied with oxygen laden air and will burn to a finer ash. This in itself is a saving. Coal that isn't used up is paid for over and over again. The fan helps to burn the coal to the bitter end and saves money for you.

We have already told you how the fan is used in some laundry driers. Well that is but one use. It is invaluable as a means of wafting out the steam from a laundry so that the worker does not become discomforted by steaming. Occasionally a laundry becomes intolerable by being steam fogged and you can hardly see an inch before your eyes. The fan properly placed will wait this steam out and through the window. This is worth considering.

The office manager considers his subordinates and it is well for the Domiologist too, to consider her domestic's comfort.... and it helps to burn the coal to the bitter end and saves money for you.

W

As the sick room, more than any other, needs to have pure and changing, yet absolute draftless air, the electric fan has come to be a particular boon here. It changes the air while giving no draft and the patient is vitalized and not vitiated. We could go through all the rooms in the house and say, buy a fan for each one. This would include the nursery, where, of course, the air must be clean and sweet.

There are several firms who have electric fans that there is little to be drafted by a fan absolutely no mess during its swift incorporation into the home's comfort kit. The electric fan maker is so solicitous of your comfort that he has this fan installed in a panel where you can hang any place, so easy is it to put in position. Over the top of the window it will hang as if born there, and your home will it be. Its great good in the kitchen affects the whole house, because it removes all the odors of cooking. Also the fan can promote flue action where the stove won't draw.

In this way, too, can the fan not keep the tone of our home in keeping our desires—free from odors, but free from moving soot, gas and dust through the, and out of the window, it helps to save draperies, curtains, walls, furnishing floors, and saves over-much window airing. This exhaust fan can be installed in three ways: (1) in a square cut in the wall, (2) in the flue leading from the hood over the range into the chimney, and in other ways when necessary. The ventilator this is superb, inexpensive and ugly. An electric fan well placed in the kitchen will keep the domestic's place—and don't forget this, as it is as important as moving the air. It is amazing what the element of circulation does—besides driving yachts?

Is circulating air that does the trick so that only.

In last month's House & Garden we told how the fan can be used in drying fruits and vegetables for preserving. Here we need not speak of it again, only to keep in mind you that dehydration saves money and time and trouble.

There is but one way to buy electric fans and that is to buy them of the best makers. The test of the fan motor. If the motor be bad your fan will be bad. The only way you can get a good motor is to buy the fan off makers of the highest grade and desiring to be served from this.

Fans are usually four-bladed and are selected from you, and you from him by some sort of wire cage. How to the fan whether a fan has a cage or not, it is to be taboo as a toy, because no cage is likely to be the keenness of a child when he desires to reach anything.

For domestic use the fan comes from 1/2" to 16" in diameter. One firm makes a very decorative nickel plated fan which is peculiarly a beauty in every way. However, the established makers are making a large number of good fans that there is little to

(Continued on page 92)
The grouping of windows with a door always creates a picturesque impression, whether from in or outside the house. In this case the door has been designed to match the windows, so that the arrangement has not only charm but fine unity.

Looking out into a courtyard from one of the tall windows of the living room illustrated at the left. The disappearance of the glass doors creates much the effect of a great open loggia.

Looking into a living room through a tall arched window, the glass doors which disappear into pockets in the thickness of the wall. A window like this is a splendid frame for vistas beyond.

*WINDOWS FROM INSIDE AND OUT*

Mellor, Meigs & Howe, Architects
Flower prints are attractive when hung in pairs. Here they are unusually decorative above a dressing table on either side of an old-fashioned mirror.

COLORED PRINTS

Godhey prints in colors are charming in a bedroom. The one below is framed in delicate jade green. 10" high, 6½" wide, priced at $4.25.

Unusually romantic in feeling is the colored print above, of a Spanish galleon. From a painting by Prof. Diemer, framed in bluish-green, 24" x 19", $12.50.

Old flower prints in color can be used effectively in many types of rooms. The one above is 8½" x 11½" in a narrow black frame, $4.75.

An aquatint of an American clipper ship painted by John Taylor Arms is in tones of sea-green and blue. The size is 12" x 18", and the price $30.50.

An old French print in color, picturing either a garden or sea scene brings both color and interest to a room, 13½" x 19½". Framed $10.25, unframed $6.25.

Flower prints in color effectively framed in black with a gold molding on the inside of the frame are priced at $10.25. The size, 6½" x 9½".

These prints may be purchased through the House & Garden Shopping Service, 39 West 44th Street, New York City, if the same models are not available in the local shops.
EQUIPPING the BATHROOM
Accessories for Comfort and Convenience

(Below) Soft hand towels of criss-cross huckaback, with embroidered three letter monogram, come in three sizes, 20" x 36" $4.75 each, 18" x 34", $3.75, and 15" x 24", $2.50

Simple rubberized silk curtains for the bathroom are hung on ivory rings. In a variety of stripes and checks 56" wide, $0.30 a yd. glazed chintz shade material 24½" wide, $2.05 a yd.

(Below) A unit cabinet for the bathroom contains medicine shelves above with a mirror door, a small shelf for dressing table, drawer for clean linen and a hamper for soiled towels, 5' 9" high, 17" wide, 16" deep $30.50

A cool bathroom could be made with the walls papered in this green palm leaf pattern. It should be shellacked and the woodwork painted green. Paper, $1.80 a roll.

An excellent bath set consists of towels 29" x 50", $4 each; bath mat, 46" x 26" $2.50, and wash cloths $1.00 each. The colors are pink, blue and lavender and the monograms match the borders.

With woodwork painted one of the colors in the paper this flowered design in pale pinks, blues and yellows would create an effective bathroom wall surface, $1.05 a roll.

Readers who live in large cities may find these articles or similar ones in their local shops. In event they do not, House & Garden will gladly purchase them through its Shopping Service, 19 West 44th Street, New York City. Remittance should be made by draft, money order, certified check or check on a New York bank.
The GARDENER'S CALENDAR for AUGUST

**SUNDAY**

T HIS Calendar of the gardener's labors is planned to guide you undertakings all his tasks in season. It is fitted to the life of Mr. Clarence Fowler, but its service should be available to the whole community. You will be able to remember that for every hundred miles north or south there is a difference of from five to seven days later or earlier in performing garden operations. The dates given here are, of course, designed for an average season.

5. Vegetable beds of the different growing types may be started for greenhouse etn. gazette in flower, fruit, spinach, onion, leek, bean, and asparagus. Spinach and asparagus are valuable early crops.

6. Bulbs for forcing in the greenhouse should be selected at this time. On most of the other necessary bulbs will be available in the nursery. Bulbs for the forcing plants will be available later.

7. Hard, be careful on the radical growth of the young buds and set. In the forcing plants, such as the greenhouse and forcing plants, the young buds will be seen earlier. The greenhouse will be ready for use.

8. Gather the flower beds and late spring flowers of the forcing plants. Such as the greenhouse and forcing plants. These plants if grown in the greenhouse will be ready for use.

9. This is the time that the forcing plants should be pulled and set in the forcing plants. These plants should be set in the greenhouse at this time. The greenhouse will be ready for use.

10. The one result should be noted over the forcing plants. Such as forcing plants. These plants should be set in the greenhouse at this time. The greenhouse will be ready for use.

11. Heads of all types, everything that should be followed for forcing plants that are forced, should be finished now and set in the greenhouse. This will give the forcing plants an earlier start.

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**CLARENCE FOWLER**

On the Calendar page this month we seven noted landscape architects from various sections of the country. Most of Mr. Fowler's fine gardens are near New York.

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**CHARLES D. LAY**

Mr. Lay practices in New York and is the author of many noted gardens, estates, town developments, and private and public institutional schemes about the country.

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**JAMES L. GREENE**

Some of the best-known estates in the country have been designed by Mr. Greene, leaf, president of the American Society of Landscape Architects.

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**FERRUCCI**

**FRIDAY**

Mr. Taylor finds combined with his ever increasing position in Cleveland, writing of books, papers, the teaching of the various subjects involving botany, agriculture, writing, and drawing, and others for the purpose of his profession.

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**PHILIPS WYMAN**

A graduate of Harvard School of Landscape Architecture, with subsequent practical experience in the Olmsted office, Mr. Wyman is now practicing in Minneapolis.

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**OSSIAN C. SIMONDS**

The head of the firm of C. Simonds & Co., in Chicago, is an enthusiastic in the cause of national design in landscape architecture.
For active outdoor life

WHITMAN'S Chocolates! They belong in the picture of the Big Vacation, just as they are so socially useful during the rest of the year. People who find Whitman's so delightful all winter do not deprive themselves of the pleasure when they take to the seashore or mountains. For the vigor and exercise of out-of-doors make them even more eager for the concentrated, sustaining nourishment of pure chocolate sweetmeats.

No need to pack Whitman's in a bulgy grip or superheated trunk. Wherever vacation trails may lead you, there you will find a Whitman agency, supplied direct from us with Salmagundi, the Sampler, the Pleasure Island and those other Whitman packages you have learned to like so well. Whitman's are the only chocolates distributed nationally in this manner. No resort is too remote to have its store which shows the sign

SALMAGUNDI
A happy package for the summer social affairs, house parties, beach parties, sails, touring, cards—indoors and outdoors a leading favorite. The beautiful Salmagundi box of metal affords extra protection for the chocolates within.

Whitman's Chocolates

Sole makers of Whitman's Instantaneous Chocolate, Cocoa and Marshmallow Whip
New York Branch: 265 W. 33rd St. Chicago Branch: 1557 Michigan Ave., South
San Francisco Branch: 449-51 Mina St.
When we consider that the Adam Brothers were architects and that furniture was a matter of supplementary interest with them, it is significant of the value of their work that they inaugurated a style persisting well into the 20th Century. They designed furniture for more than thirty years but were not cabinet-makers.

Their style is a reversal to Roman design inspired by excavations in Italy, especially at Pompeii. France adopted this style and the Adams drew not a little from French models. In his twenty-sixth year Robert Adam went to the Continent and studied and sketched in Italy, later publishing a valuable work on architecture, including some furniture designs. Returning to England, he worked with marked success and soon became a great favorite, for public taste eagerly accepted this classic revival. James Adam also made a Continental tour, and his published “Journal” evidences his scholarly appreciation of Classical art.

The Adam Brothers followed their father's profession. William Adam, in fact, in his day was the most widely known architect in Scotland. The architectural taste of his sons came by direct heritage. The eldest son, John, succeeded him. The second son, Robert, is the most famous. James, the third son, and possibly another brother, William, worked with him in London. Their attention to the most minute details of decorating and furnishing gave the art of interior decoration a great impulse.

Before the time of Robert Adam few English architects had made any effort to obtain grandeur and variety in the interior of private houses. The influence of Adam stamped an architectural work of the period and many years afterward. The Adam-style profoundly impresses Chippendale's later work. Hepplewhite draws from it, as does Sheraton; though each retains his own individuality in design and workmanship.

These are the Adam characteristics:

Construction: Rectangular with fine proportions, light and graceful; well balanced, architecturally disposed, underbracing occasional used. Mahogany and satinwood chiefly used.

The use of these two woods is illustrated on these pages. The two knife-boxes are of satinwood. Their graceful classical outlines are the delicate bow-knot and floral festoon their ornament are characteristic of Adam design. Mahogany, on the other hand, is used in the roundabout chair. The ornamental leg, straight and tapering with grooved delicate carving, the seat-rail carved with classical precision of design and workmanship and the arm supports are all characteristic.

Note also the adaptation of the lyre motif in the fret-work of the back.

Ornament: This is the distinctive feature of Adam furniture. Like the construction it is light and graceful and architecturally disposed with an eye to space and proportion. Classic motifs of French type and Roman ornament the Pompeian school urn, swag, finial, wreath honeysuckle, acanthus.

The oval back-plate is a feature of this ring mount.

A mount, with ring handle of small floral motif.

A block foot found on some Adam pieces.

A fluted chair leg of Adam design.

A mahogany day bed in the Adam style, dated 1770 to 1780. The seat-rail is carved in a classic design of scrolled acanthus leaves with balustered seat ends. Metropolitan Museum of Art.
B. ALTMAN & CO
FIFTH AVE: NEW YORK
DECORATORS AND UPHOLSTERERS
ARCHITECTURAL INTERIORS
CURTAINS & DRAPERIES
CARPETS AND RUGS
The Color of Stippling Effect

To make the stippling effect, obtain some “glazing liquid” and some tubes of “glaze coloring.” Mix your desired number of colors, starting with light, with the glazing liquid, and then apply the mixed color to the wall. This will give the stipple effect.

The Texture of Painted Walls

The texture of painted walls can be enhanced by using different paints, colors, and techniques. Here are some tips to achieve a unique texture:

1. **Stippling**: This involves applying small dots or specks to the wall using a stipple brush or sponge. It adds a decorative quality to the wall. To achieve stippling, mix a small amount of paint with water to desired consistency and apply using a stipple brush or sponge. Allow it to dry completely before applying the next color.

2. **Sponging**: Similar to stippling, sponging involves applying paint in a pattern using a sponge. This technique allows for a more controlled application of color, allowing for a more uniform or varied texture. To achieve sponging, dip a sponge into the desired color and then sponge onto the wall, following the desired pattern.

3. **Stenciling**: This involves applying a design to the wall using stencils. Stenciling allows for a wide range of designs and patterns, from simple geometric shapes to elaborate floral designs. To achieve stenciling, prepare the stencil by tracing it onto a thin paper or cardstock and cutting it out. Place the stencil on the wall and apply paint using a brush, sponge, or spray, following the pattern of the stencil.

4. **Texturing Paints**: Texturing paints are specifically designed to add a tactile element to the wall. These paints can create a range of textures, from smooth to rough. To achieve texturing, apply the paint to the wall in a smooth layer, then use a brush or sponge to add texture while the paint is still wet. Once the paint has dried, the texture will be set.

5. **Stair Painting**: When painting stairs, it’s important to pay attention to the angle and lighting. Use a higher-quality paint and primer to ensure durability. For a more unique look, consider using metallic or textured paints. When painting stair risers, be sure to apply paint in a smooth, even layer, using a brush or roller. For the treads, use a roller or wide paintbrush to cover the surface. Allow ample drying time between coats.

6. **Custom Color Mixing**: Create custom colors to match your existing decor or use colors that complement the room. When mixing colors, it’s important to ensure the colors are balanced and not too overwhelming. Use a color wheel or online color mixer to help you choose the right shades.

Incorporating these techniques can transform ordinary walls into unique and beautiful spaces. Experiment with different techniques and colors to find the look that best suits your style and needs.
A woman's regard and affection for a motor car are in direct proportion to its ability to promote the happiness of her family.

To meet with her approval, it must be first of all a safe car to drive—combining ease of operation with prompt obedience to throttle, brakes and wheel.

She demands, too, that it be liberally endowed with the finer qualities—with that beauty and artistry which immediately suggest exceptional worth.

Moreover, it must be dependable; it must possess that readiness to serve, so essential in important affairs.

Finally, she desires it to be qualified, by reputation and performance, to reflect her family's social position and prestige.

These are the attributes which women require and seek in a fine car, and which lead them, in the majority of instances, to Cadillac.

For women know, both by their own observation and by reports of friends, that Cadillac not only answers these requirements but that it fulfills them in a superlative degree.
THE TEXTURE of PAINTED WALLS

A simple border generally looks best in the simply decorated and furnished room. The degree of brightness in stencil colors will also pretty closely follow the same general trend.

Regular stencil colors in a large variety of shades are sold for the purpose by every paint store. A small tube will go a long way. A regular stencil brush should be used for doing the work. The colors usually need thinning, as directed by the manufacturer.

THE CORRECT USE OF STENCILS

It is generally necessary to trim stencils at the top and one side before starting to use them, so you can get as close to the ceiling and the corners of the room as desired. In applying the stencil design simply hold the stencil flat against the wall surface. A few thumb tacks may be used to hold the stencil in position, especially until you become accustomed to it. They will not injure the walls.

Apply the color with a rotary "scrubbing" motion, keeping the brush at right angles to the wall, the brush to hold down the stencil while it is being applied.

Stencils are usually provided with guide marks to enable the repeat pattern to follow in correct position. Two color stencils are also provided with guide lines, so there is no difficulty about the colors registering.

One of the secrets of success in stenciling is to keep the side of the stencil that goes against the wall absolutely clean. Lay the stencil, paint side down, on a piece of paper after doing each length and wipe the back with a soft cloth. It only takes a moment and is time well spent. Take care not to bend or break off the stencil while wiping off with the cloth.

The principal other point to observe is to have the stencil color in the right consistency, so that it will cover the stencil. If very scanty, are used there is seldom any concealment from this source. In brushing stencil, make a print or two as the first print or two under and blur.

With many stencil designs by large patterns, it is not advisable to finish each corner as you go, as this would necessitate marking the stencil, and it would then be necessary for the straight wall work. Work as near to the corner as possible without bending the stencil. Curving the stencil does not look well, then measure off on the wall corner, the length (from guide to guide) and in the same way. Then do the corners. The stencil will be bent, and this can now be done as all the other work is completed. Measure off the sides and mark the stencil, but over a yardstick, taking care not to break the design. All corners should be measured and the design repeated in the same way. If the little trouble will be experienced in many instances, particularly if the figures, it is often advisable to mark the border so that a detail, will come directly over or over the center of the tree. In cases where it is desired that the stencil come out even at all corners, lay off the pattern on the wall in regular way, until about six or seven repeats remain before the point is desired to center the design on the tree. Find what the discrepancy, be, divide the remaining space by the number of repeats required, then make the necessary to "steal" that distance extending the stencil a little in it as necessary.

HARSH TREATMENT for TREE TRUNKS

Blister mines, about half an inch in diameter of a sawfly miner. The larval grub is about 3/4'' long, are easily destroyed by spraying the leaves with a tobacco soap preparation early in June.

Occasionally the foliage of American elm is badly infested by light green plant lice. They harmonize with the leaves so well that they are easily overlooked. The foliage may be kept free from the excreted honey dew and later blackened by the sooty fungus developing therein. Such outbreaks are usually controlled speedily by natural enemies, though in the case of more valuable lawn trees, it would be advisable to check the pests by early spraying with a tobacco soap solution.

The sugar maple borer is one of the most serious and dangerous enemies of this favorite shade tree. The stout, black, golden-marked beetles about an inch long are abundant in mid-summer, deposit their eggs in slit-like cavities in the bark and the grubs bore in the living cambium. The galleries frequently girdle the tree, those of the full grown grub having a diameter of 3/8'', and in the last over-wintering, if not killing that portion of the tree above the gallery, the damage is rarely evident until some years after the mischief has been caused. Sugar maples should be examined each fall and early in the spring for evidence of boring. The pests destroyed by a wire or cut out with a knife. This insect is local and occasionally one tree is very badly infested, practically two less trees which should be of primary importance in order to prevent the invasion of the entire tree.

The sugar maple is occasionally infested by a wooly bark beetle so named because of the deposition of frothy white excretions on the trees forming a typical pattern on the trunk. The insect feeds on the young twigs and winter or early spring will reveal the damage from the galleries. A few tubes will probably cure the condition.

Damage by these pests may be prevented by thorough spraying of the sample before and during the spring season of lead.

There is a wooly bark beetle occasionally becomes rampant upon the leaves of sugar maple and is also recognizable by the white incrustations covering the petioles of the larger leaves. This is the so-called false maple galls. It is disfiguring the foliage and ultimately the tree. The larvae is avoided by the forest tent caterpillar danger of this character is evidenced by the deposition of frothy white excretions on the bark of the tree. Egg belts on the smaller twigs indicate that the tree is being attacked. With the exception of the larger galls, the damage in many instances can be controlled by thorough spraying. The best results are taken by spraying the tree in February and March, a week prior to the unfolding of the leaves.

(Continued from page 80)
who ride in a Packard Single-Eight invariably say it surpasses any previous motor experience.

New engineering principles embodied in the Single-Eight mark this car apart from and above all others for comparison.

A single ride establishes new standards of appreciation—of fleetness, acceleration, flexibility and motoring luxury.

In appearance, the Single-Eight typifies the connoisseur's ideal of a superlatively beautiful motor car. Its grace of line and brilliance of finish make it dominant wherever it appears.

The Packard Motor Car Company invites you to ride in this beautiful new car—to see for yourself that it exceeds in every way the previous best among fine cars.

Furnished in Nine Distinguished Body Types, Open and Enclosed, at Prices Ranging from $3650 to $4950, at Detroit
maples are dangerous and inadvisable.

The rapidly growing soft maple is a favor of the cottony maple scale, an insect which frequently produces on the underside of the smaller branches lesions of cottony matter projecting from a frequently closely placed, oval, brown scales about 1/2" in diameter. The females, yellowish young crawls in large numbers the latter part of July and may be destroyed by thorough spraying with a tobacco soap preparation, though on maples an early spring application of an oil emulsion, 1 to 15 parts of water has given excellent results. This cottony maple scale also occurs on sugar maples and a number of other trees, though usually in much smaller numbers. The soft maple is a favorite of the horse chestnut. Badly infested trees are easily recognized by the numerous broken branches usually less than 2" in diameter. In serious infestations, trees may be headed back very generally by the work of this borer.

Systematically cutting infested twigs in late summer and early fall and burning them at once, otherwise the borer may escape from the twigs, is one of the more satisfactory control measures. The larger twigs may be destroyed in their burrows with a bent wire or by injecting bisulphide of carbon. All badly infested limbs should be removed or at least the worst of the attacked wood cut out.

The Norway maple is remarkably free from insect troubles. The most serious enemy is a plant house which occasionally becomes excessively abundant and in conjunction with dry weather in early summer may be responsible for a very heavy leaf drop. Occasionally, this pest becomes so numerous as to deform the leaves early in the season and produce a very unsightly condition which may be accentuated by the sooty fungus developing in the cottony matter. Early and thorough spraying of the undersurface of the leaves with a tobacco soap preparation is the most satisfactory control measure. It is not infrequently happens that natural enemies, such as lady beetles and their ugl) black spined grubs and the vari-colored maggots of flower flies, destroy most of the aphids before serious injury develops, though it is unsafe to depend upon these natural agents.

**PODS OF THE HORSE CHESTNUT**

The horse chestnut is one of the favorites of the black, yellow-marked, conically furred tussock moth caterpillars which also feed upon a number of other trees, particularly linden, elm and maple in about the order named. It is a pest of city and village trees. Very liable to be attacked are the horse chestnuts of the black, yellow-marked, conically furred tussock moth caterpillars which also feed upon a number of other trees, particularly linden, elm and maple in about the order named. It is a pest of city and village trees. Very liable to be attacked are the horse chestnuts of the black, yellow-marked, conically furred tussock moth caterpillars which also feed upon a number of other trees, particularly linden, elm and maple in about the order named. It is a pest of city and village trees. 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The fascination of old furniture lies no doubt to some degree in the mellowness that time brings, and in the sense it imparts of service faithfully performed; still more in charm of design, inherent in the well defined style that has developed naturally as the every-day expression of the life of a people; but above all in the fact that it possesses character—the quality that can be expressed only by craftsmanship.

It is the distinction of Kensington Furniture that it retains the charm and the decorative quality of the antique because it also is the product of craftsmanship, and because it faithfully interprets and gives life to the spirit of old work in design as well as in execution.

Kensington Furniture is made in all the decorative styles appropriate for American homes.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer.

Write for Illustrated Booklet H and pamphlet, "How Kensington Furniture May be Purchased."
Insuring Door-ability—Which includes Quiet!

YOUR home! How carefully you plan it to express your individuality, to fit your pleasant moods, to insure your comfort, repose, peacefulness. How essential is quiet there! And how much doors and their hinges have to do with Quiet!

Hinges, the most vital fact of doors, are mostly taken for granted. But not by architects; not by builders; not by those responsible for great hotels, for modern office-buildings. They make very sure of quiet doors. They select McKinney Hinges, for the sake of door-ability.

"Door-able" is fact, not mere phrase, where McKinney is concerned. Any building worth using, whether a city or a large community can easily provide for the spraying of hundreds or thousands of trees because of the cost of a powder spraying outfit is not excessive in comparison with the value of the many trees. Certain cities have also found it feasible to provide for the spraying of trees on private grounds at approximately cost.

The general care of the trees on the streets is bound to result in more attention being given to those privately owned and if the authorities of a city or village find it undesirable to provide for the care of private trees at approximate cost, reliable tree protecting companies are in the field for all such work and can give better rates for a number of trees, and for that matter they are very willing to look after street trees. In some cases this may be the more economical solution.

There is nothing better to control leaf feeders as a rule than arsenate of lead at the rate of about three pounds of paste or one and a half pounds of powder to fifty gallons of spray. Timely and thorough applications of this poison should give practical freedom from injury to leaves, unless some very unusual conditions exist.

One of the better and most effective of all spray formulations is nicotine sulfate, forty per cent, or the rate of one pint to one gallon of water to which six to eight pounds of soap in order to give spray crawling properties to the insect. This is a contact insecticide thrown in such a way as actually to hit the insects. It is most effective for young insects or those that are parasitically unprotected, such as the plant lice.

It is not necessary at the time to accept unsatisfactory growth or damage so far as insect control on home trees is concerned. A very large amount of protection may be obtained at an economical cost if individual spraying can be brought to the trees along these lines. This protection must be systematic and throughout the trees' entire life.

THE DELIGHT OF DAFFODILS

(Continued from page 60)

As these flowers are very popular in the lawn, the meadow, and sometimes in the field, they allow some sunlight, it is preferable in a few hundred and a few hundred houses, are double and beautiful, and in the rock garden against the cold gray masses of weather-beaten rock they bring new life and joy early in the year, a foretaste of the beauty and the joyousness of the coming season.

The lush blossoms of early spring do best in a light rich loam with a good drainage. The average garden soil is suitable, but if it is too heavy it may be lightened by the addition of a quantity of wood ashes, humus or leaf mold, or a little sand. Some daffodils, especially those which are most easily naturalized, prefer a turf loam, and do well in the open lawn. They enjoy a fair amount of sunshine, but prefer to be in partial shade part of the day which insures a longer period of bloom.

A general rule which may be applied with safety is that the paler a daffodil, the deeper the shade in which it will thrive.

The planting arrangement

The bulbs should be set 3" or 4" apart and then covered with 2" or 3" of soil, 2" if it is heavy, and more if it is light and dry. The planting arrangement is a matter of personal choice. Some are effective in long close-seed single rows or in rows edging the beds and borders, in groups along the shrubbery border, or massed in a semi-shady spot, but they are always most effective in groups of five, ten, or more as fancy directs throughout the border, under trees, or at the water's edge.

(Continued on page 88)
THE INTIMATE RECORD

Written into the log book of every owner who has subjected his Lincoln to the rigors of cross country touring are the outstanding facts of Lincoln worth.

These intimate, day by day records tell of mile after mile taken without effort by car or driver—of abundant reserve energy ready at a touch for the unusual emergency—of notably competent service men ready wherever their aid may be sought.

It is by sparing nothing that can contribute to keeping the Lincoln capable of such sustained performance that the Ford organization has made Lincoln ownership an experience heartily to be desired.

Both in building the car and in providing service attention for it, it is understood that what the owner is entitled to have, not what he might be persuaded to accept, is to be the guide.

LINCOLN MOTOR COMPANY

DIVISION OF FORD MOTOR COMPANY, DETROIT, MICHIGAN

The Berline
THE DELIGHT OF DAFFODILS

(Continued from page 86)

yellow, pale creams, and whites of the
best of daffodils.

So far we have spoken only of the
daffodil which calls to most minds
the jolly yellow trumpeted flowers of
early spring, and have seemingly
slighted the narcissus, the name which
we usually associate with the pure white
types. On investigation we find that
most catalogues list countless numbers of
narcissus and never, never call them
daffodils except parenthetically.
The reason for this is that narcissus is
the correct Latin name for the whole fam-
ily, while daffodil is the familiar title
which we have given them as a com-
mon name. The family is a very large
one, divided and sub-divided into
a number of groups, and it is well to
become more or less acquainted with
these in order that our selections may
be representative and have the added
charm of variety.

THE TRUMPET TYPE

The first class is the popular trumpet
type, where the crown or trumpet is
longer than the surrounding perianth
segments (petals). This class in turn
has three divisions, the all yellow of
which Cleopatra, Emperor, and Van
Waveren's Giant are the best; the white or
creamy colored ones, with Peter Burry
and Mme. de Graaf as leaders; and the
ones which have two colors, bicolor;
cream white and yellow blended to-
gether such as Spring Glory and Emp-
press.

The second class or division is the
Incomparabilis type, or the large chal-
ce-cupped sorts, where the cream of
trumpet is about a third as long as
the surrounding perianth segments.
Sir Watkins, Will Scarlett, Great Warley,
and Louise are the best representa-
tives of this type.

The third division is the Barri type,
or the large cup sorts, where the
cup or crown is less than a third as
long as the surrounding perianth seg-
ments. Masterpiece, Constanciac, and
Seagull are the best of this type.

The fourth division is called the
Leiden group, or the eucharis-flowers,
which we have given them as a com-
mon name. The family is a very large
and divided and sub-divided into a
number of groups, and it is well to
become more or less acquainted with
their names. The following is a notal
list of some of the most distinctive
varieties of this group:

CLASS 1. TRUMPET DAF

All-Yellow
Cleopatra A very large and
very fine flower, giving
distinction to the home's ex-
clusive use of two of its members, the perianth.
Spring Glory A long,
strong trumpet with a rich,
very tall and
yellow.
Emperor A rich, full, yellow
and a deep primary,
Yellow, with a primary
shape shaped like a canary
very tall and
grower.

Madame de Graaf One of
the best perianth and
crown grower.
Bicolor
Empress A rich yellow trumpeted around petals,
phur-white, with a primary
and naturalizing.

CLASS 2. INCOMPARABILIS

Chalice-Cupped Daffodils

Bedewin Large white perianth
with a red cup, or almost white
and a deep primary.
Great Warley The largest of
this group, with a deep yellow
crown. Not clear yellow.

Sir Watkins A bold and
brilliant flower with a
rich, full, yellow crown.
Will Scarlett A striking blue
flower with a mound of
white perianth and a very
tall and orange.
Geoffrey A very striking
flower with a mound of
white perianth and a very
tall and orange.

CLASS 3. BARRE & SHORT

DAFFODILS

Conspicuous A true
yellow, slightly stronger
than yellow perianth and
a cup edge with a
Splendid for naturalizing.

Masterpiece A perfect for
some with a flaring
yellow perianth and
red edge with a

Seagull A very spreading
of pure white.

CLASS 4. LEAFAGE OR ECHIBUS

DAFFODILS

Czarina The largest and most
bicolor is the best double narcissus.

There might be several made up of the various hedges
while they are some of the most beautifu
province of the collector of daffodils. It
to the average gardener do not as necessary to create
display as the other groups.

The following is a notal
various points which has
the selection of the different
representatives of their respec-
tings:

Newest of all new curtain laces
with the richest of silken sheers

Pinto this shimmering Scranton Lustre-
Lace is woven more than mere lustre or
striking pattern. It is imprinted with the
handiwork of masters of design and weave,
who, striving ever for perfection, necessarily
give their greatest skill to each product from
the Scranton looms.

Look at this Lustre-Lace Curtain in the
Flemish Filet weave. Its soft glowing
pattern and airy transparency will add unusual
grace to the windows in your home. Picture
it there, giving distinction to the home's ex-
terior, glorifying each transformed room. By
all means see the many Lustre-Lace designs
at your favorite store. See also the Scranton
Shadow Laces, Super-Filets, Filet Nets and
attractive Scranton Bedspreads.

Newest of all new curtain laces

Scranton LUSTRE-LACE

THE SCRANTON LACE COMPANY
Dept. 8-H, Scranton, Pa.

Please send me without cost, "New Out-
book for Every Home," "Scranton Bed-
spreads," and companion booklets.

Name
Address
City

LACE CURTAINS & CURTAIN NETS & BEDSPREADS

The sixth division is the popular
Poticcas varieties, of which the most
essential characteristic is a rich, pure
white perianth. Cassandria, Ornatia,
and Hesperians may well be chosen for
representatives, for they have very
lovely white petals and beautiful stained
and painted edges of red, orange, or scarlet.

The seventh group is made up of
the double varieties, which are inter-
esting when used in combination with
the single ones, but these, like most
double flowers, lack the grace and airy
loveliness of the single varieties. Sul-

(Continued on page 87)
How often have you gained your first impression of an attractive home from a really inviting hallway?

These reproductions of fine old Italian furniture suggest distinction and at the same time genuine livability.

You will find period reproductions and the modern designs at your dealer's under the Elgin A. Simonds trade-mark — some in exclusive needlepoint and tapestry coverings, and all of decided value.

Our illustrated booklet "H" on interior decoration will be sent to you upon request.
JANE TELLER
ANTIQUEIAN
SPECIALIZES IN CHILDREN'S COLONIAL FURNITURE AND DOES INTERIOR DECORATIONS IN THE COLONIAL PERIOD EXCLUSIVELY. THE MANSION CONTAINS THE FINEST COLLECTION OF EARLY AMERICAN ANTIQUITIES TO BE FOUND IN AMERICA. PRIVILEGED CARDS OF ADMISSION TO THE JANE TELLER MANSION WILL BE MAILED ON APPLICATION.
JANE TELLER MANSION 421 E. 61st Street, New York JANE TELLER COTTAGE Southampton, Long Island

UNFINISHED FURNITURE

STAINED — PAINTED
Decorated To Order
"AS YOU LIKE IT"

Artcraft Furniture Co.
203 Lexington Ave.
New York City
Between 32nd and 33rd Streets

The MACBETH GALLERY
ESTABLISHED 1892

American Paintings for Home Decoration for the Collector
Inquiries will be answered fully and promptly

WILLIAM MACBETH INCORPORATED
450 Fifth Avenue - 40th Street - New York

The Collegiate, a smaller chair for bedroom, chairs costly
Regular $42.00 special $28.75,
Painted and Decorated By
EDWARD R. BARTO & Associates
Decorators of Rooms and Furniture
775 Lexington Avenue New York

Interesting fireplace setting in a room of Georgian Type

Miss Gheen, Inc.
Decoration of Homes
New York
444 Park Avenue
Chicago
163 East Ontario Street

THE BRYN MAWR
Stoutly constructed comfortable down-cushioned in damask or velvet car-
out the luxurious repos-
carved mahogany or wal-
The Collegiate, a smaller
Chair for bedroom, chairs costly
Regular $42.00 special $28.75.
Painted and Decorated By
EDWARD R. BARTO & Associates
Decorators of Rooms and Furniture
775 Lexington Avenue New York

FLOWER OR FERN STAND IN WRO-
Iron—black or apple green finish
15 in. d.m. 22 in. high
separate inside lining $1

Miss Gheen, Inc.
Decoration of Homes
New York
444 Park Avenue
Chicago
163 East Ontario Street

A charming hand painted screen designed by Fred Dana Mac
A. N. A. Size 31 1/2" by 11 1/2". Risen to place on wall. Price $12.00
paid. Leaflet H2 sent on request.

JAMES R. MARS
ARCHITECTURAL ORNAMENT
101 PARK AVENUE NEW YORK
"I Did Not Dream A Course Could Be So Wonderful."

THIS voluntary tribute to the Arts & Decoration Practical Home Study Course in Interior Decoration is typical of the appreciation of the enrolled students. They are enthusiastic over its artistic and practical usefulness, in telling what to do and how to do it, and the great saving in money it makes possible in the beautifying of homes.

The course of 14 lessons with more than 100 illustrations covers every phase of interior decoration—Fixed Background, Walls, Floors and Ceilings, Lighting, Carpets, Hangings and Decorative Textiles, Choice and arrangement of Furniture, Composition, and how to know and to use Period Styles and Period Furniture.

The knowledge it gives you is essential to a culture for a profitable career in a fascinating profession.

Directors: Harold Donaldson Eberlein and Nancy V. McClelland

An illustrated booklet will be sent you on request

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48 West 47th St., New York

STUDY INTERIOR DECORATION AT HOME

Complete instruction by correspondence in the use of period styles, color harmony, composition, textiles, curtains, wall treatments, furniture arrangement, etc.

Start at once. Send for Catalog H-7

THE NEW YORK SCHOOL OF INTERIOR DECORATION

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Established 1916

Antique Oriental Rug Certainty

Because Persia is exhausted and other sources nearly so, resulting in importers not receiving 1% of former supply of antiques, and because through foresight based upon careful reports, I own a large stock of thick antiques, including Persians, you are invited to know these glories by writing for new descriptive list, prices at the lowest.

Read the list, note the credentials, indicate your preference. I adhere to your final selections free of hypnotic salesmanship. My books show that my customers invariably buy more than they anticipated.

L. B. Lawton, Skaneateles, N. Y.

Genuine Reed Furniture

Luxurious Comfort is the only term that adequately describes the Charming New Model here illustrated. This Design is also obtainable in a complete Suite.

Our Personal Service in aiding patrons to secure just the Design and Coloring that appeals to their individual taste is an advantage not found in the average store where selection is usually confined to the stock on hand.

THE REED SHOP, INC.

9 EAST 57TH STREET, NEW YORK

"Suggestions in Reed Furniture" forwarded on receipt of 25c postage.

Art Iron Studios

904-G Cunard Bldg., Chicago, Ill.

WROUGHT IRON BRIDGE LAMP

Black iron and Polychrome, with adjustable Arm & Pedestal Shade. $5.00

Send Express Collet or Request Art Iron Studios

615 Tenth Ave. New York

SERVICE TABLE WAGON

Saves Thousands of Steps

(1) Has large broad Table Top (20x30 in.)
(2) TWO Undershelves to transport ALL the table dishes in ONE TRIP.
(3) Large center pull-out Drawer.
(4) Double End Guiding Handles.
(5) Equipped with four (4) Rubber Tired "Scientifically Silent" Spoked Wheels.
(6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer’s name.

THE COMBINATION STUDIOS

304-G Commercial Bldg., Chicago, Ill.
Discontinued Designs in Berkey & Gay FURNITURE at Authorized Discounts During August

T WICE each year, a great Furniture Exhibition is held at Grand Rapids. To it come merchants from all parts of the country to select their stocks for the ensuing six months.

Naturally, they want these selections to be fresh and different. They want new things to offer their customers. To satisfy this demand, manufacturers bring out many new designs at each exhibit.

What Are "Discontinued Designs"?

Good furniture never becomes "out of date." Artistically genuine, structurally sound, the passing of time serves only to enhance the worth of a Berkey & Gay piece. The styles of yesteryear are just as lovely today.

But, obviously, we cannot continue to enlarge our lines indefinitely. In order that new designs may be added, others must be discontinued. This very fact helps to preserve the exclusive character of Berkey & Gay creations.

How You May Effect MARKED SAVINGS

There are not many of the discontinued pieces. But your Berkey & Gay merchant may have some—or some suites of which his stock is incomplete—which he will include in his August Sale. Among them, you may find just the piece to complete a suite or to carry out a desired decorative scheme.

Quick selection is necessary. Reductions from the standard, uniform prices will prevail during this month only. Watch for your Berkey & Gay merchant's advertising—or for the card shown below in his window!

BERKEY & GAY FURNITURE COMPANY
441 MONROE AVENUE, GRAND RAPIDS, MICHIGAN

THE DELIGHT of DAFFODILS

(Continued from page 88)

and a very large delicate citron colored crown.

Lord Kitchener A large sized flower with a very flat and broad perianth of pure white, and a large crown of delicate pale primrose with a crinkled edge.

Queen of the North A lovely flower with its very broad perianth of white, and a lemon colored cup prettily flushed.

Sirdar A broad overlapping perianth of silvery white and a large straight crown of delicate cream color, flushed and frilled at the mouth.

Admiration Sulphur yellow perianth and a sulphur yellow eye with a scarlet border.

Elvira Three or four flowers on a long graceful stalk. Broad white petals and a golden yellow cup edged with orange. Fragrant.

Klongdyke Yellow perianth and a deep yellow cup. Of deepest and finest grade.

Mignon A very distinct flower with its white petals thickly and evenly covered with a creamy white bloom. With a deep orange crown.

Cassandra A very fine flower shaped. A wide broad perianth of pure white with a crown which is rich dark red.

Horace A most beautiful white perianth and a red cup.

Omnatus A pure white perianth and a broad cup with a hint of scarlet. Blooms early. Good for forcing.

Van Sion Golden yellow, with a very broad perianth, common, double. Good for garden or for cutting.

A CHANGE of AIR at HOME

(Continued from page 72)

between them.

The fan can be of the oscillating type. The first swings from side to side and the second is stationary. Of course, the oscillating fan costs more than a stationary fan of the same size.

When you buy a fan, being a motor equipped device, you must know whether your electrical current is A C (alternating) or D C (direct). Don't forget this or you will lose time and effort by having the wrong thing installed and yet to hate the fan because you haven't bought it intelligently.

It is best to know, too, whether your voltage is compatible with your fan's capacity, as well as knowing whether your electricity is "alternating" or "direct" current. If alternating, know the cycle and voltage of your current.

Most fans come in three speeds, which are: slow, medium and fast. This enables you to regulate the air circulation at will and gives you a choice of hurricanies or zephyrs in the home.

In making fan connections, don't plug from fixtures if you can possibly avoid it. Plug from the base board convenience outlets. If you don't know what kind of connection you have, the combination plug which is threaded plug as well as the variety.

At the high rate of ten cents a watt hour (KWH) the fan of the next decade will cost you enough price to pay for sweet atmosphere, comfort and health in your home.

FANS can be enamelled, or any way you like, to be a fixture in the rooms in which they are used. As long as they are practically silent. The quiet studio never makes a sound, and yet it is the sweetest of all relief.

One could get romantic over the electric fan because of its bringing in all the things that are so simply a part of life. In the olden days of the paper fan, we had the pull handle on which we could hang it around the neck. The electric fan, on the other hand, is a silent and efficient helpmate in the home.

When you buy a fan, be sure it is a motor equipped device, and then you can attach the enameled blade. Look for it! It is evidence that the store displaying it has been duly authorized to participate in this event. You may buy with confidence assurance.
How to make Home-Made ICE CREAM without cranking

Take the AUTO VACUUM FREEZER in the Car - the ice-cream will be frozen when you get there

A perfect Summer day; a long ride over good roads, far out into the country; a restful little spot off the roadside, under cool, verdant trees; picnic baskets packed with delightful goodies, — and, home-made ICE CREAM!

But "how the ice cream?" Why, with an Auto Vacuum Freezer, of course. A quarter million families who own Auto Vacuum Freezers have found that velvety, delicious, home-made ice cream is the easiest dessert to serve at a wayside lunch.

The Auto Vacuum Freezer freezes the ice cream without cranking, operating on the principle of the vacuum bottle. It consists of a beautifully white enameled container and two covers. Only 3 parts! The ice cream mixture is poured in at one end, into a central compartment, and the ice and salt packed into a surrounding compartment opening at the other end. Then the covers are clamped in place, sealing both compartments air-tight. No particle of ice or salt can possibly get into the ice cream.

In forty minutes the ice cream has frozen itself, without any cranking, fussing, or labor. There is no churning to let the air in and the flavor out, — and the cream will remain frozen for eight hours, without repacking or other attention. The ice cream may be served directly from the freezer, for an Auto Vacuum Freezer presents a decidedly pleasing appearance.

The Auto Vacuum Freezer comes in 3 sizes, 1 qt. at $5; 2 qt. at $6; and 4 qt. at $10. A salesman at any leading hardware, department or general store will be glad to show you an Auto Vacuum Freezer and to explain its advantages more fully to you. Or, if you prefer, we will be glad to fulfill your individual order promptly upon receipt of your remittance and the coupon below.

A V FEATURES
1. Makes velvety-smooth ice cream.
2. NO CRANKING.
3. Only 3 parts. Light weight.
4. Ice cream freezes itself in 40 minutes.
5. Cannot leak.
6. Ice cream stays frozen for 8 hours without repacking.
7. All metal. Easily cleaned.
8. Sanitary.
9. Good looking.
10. One of three convenient sizes.
11. Free recipe booklet.

Free Recipe Booklet
Whether you buy an Auto Vacuum Freezer immediately or not, be sure to write us for the free recipe booklet of "Delightful Dishes." You will find it a great convenience this Summer when preparing on-the-spot-of-the-moment desserts.

$5, $6, $10
A-V FEATURES
1. Makes velvety-smooth ice cream.
2. NO CRANKING.
3. Only 3 parts. Light weight.
4. Ice cream freezes itself in 40 minutes.
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A leading Hardware, Department & General Stores

Auto VACUUM ICE CREAM FREEZER
THE NO-CRANK FREEZER

Auto Vacuum Freezer Co.,
220 West 42nd St., New York City.
Enclosed is my check for $5, $6, $10.
Please send me a 1 qt., 2 qt., 4 qt., Auto Vacuum Ice Cream Freezer, together with your recipe book of "Delightful Dishes."

Name
Street
City
State
Kitchen Comfort
All the Year

AiR-Way Multifold Window Hardware brings all the comfort of grandmother's outdoor summer kitchen to the modern home. AiR-Way equipped windows enable you to quickly convert your hot, stuffy kitchen into a pleasant, breezy porch.

On stormy days and in winter, snug-fitting AiR-Way windows shut out rain, wind and cold more effectively than the ordinary double-hung window. They're absolutely weather-tight and free from annoying rattling.

Yet this is only one use for AiR-Way. Because it turns any room into a sun parlor or sleeping porch, many homes are now planned with AiR-Way Multifold windows throughout. Your comfortable bedroom, for example, with its cozy warmth and conveniences, may instantly be made a private sleeping porch at night. AiR-Way windows slide and fold inside—no interference from either screens or drapes.

The household telephone booth has been combined with a group of other closets, and all are fitted with replicas of the old Pennsylvania hardware. R. B. Oke, architect.
PIQUANTLY compelling harmony of line masks a masterpiece of mechanical goodness. Smartly arrayed and carefully tailored, but brutally powerful underneath, the Phaeton Reo embodies the elements for every motoring mood.

Alertly responsive to city spurts and crawls, alive to the time-saving opportunities of the paved-ways, and with intense lugging power for the cross-country grind,—the rugged and dependable 50 horse-power Reo engine typifies six-cylinder satisfaction at its peak point.

A triumph of automotive engineering is the famous Reo chassis, where the inner frame suspension of power units, 13-plate clutch, midship-mounted transmission, short drive shaft and sturdy rear axle combine to justify owner-confidence in Reo's certainty of performance.

Standard equipment includes: triple bar bumpers, step and kick plates, motometer, steel disc wheels, four cord tires, parking lights, side-winged windshield, vanity case, cigar lighter, electric clock, and other fitments of convenience.

REO MOTOR CAR COMPANY
Lansing, Michigan
DECORATING a room is almost like making a confession. The selection of the wall covering, especially, indicates pretty well what sort of people live there.

An appropriate use of Sanitas Modern Wall Covering is a beautiful expression of the good taste of the inmates of a home. And it is so easy to use good taste with Sanitas —every pattern and coloring seems to have a distinctive place all its own in the house. It is made of cloth, sturdy and durable, and machine-painted with oil colors. It does not fade, crack, tear, or peel. Wiping with a damp cloth keeps it clean and fresh. Sanitas is not an expense, but an investment.

Enamel Finish
in plain colors, striped, mottled, tile and mosaic effects, for kitchen, bathrooms, laundries, etc.

Flat Finish
plain colors, for flat tones that can be paneled, stenciled, frescoed, stippled or Tiffany blended.

Decorative Patterns
floral designs, reproductions of tapestry, grass-cloth, chambray, burlap, leather and rough-tile.

Your decorator will gladly show you Sanitas
Write us for samples and booklet

THE STANDARD TEXTILE PRODUCTS COMPANY
320 BROADWAY, NEW YORK
DEPT. 31
Repose is suggested instantly in the new Simmons beds by a quiet harmony of line, proportion and color. This unobtrusive unity, however, is never lacking in distinction. The fine modern feeling for simplicity and spaciousness is realized in chambers equipped with Simmons beds. All the beauty bequeathed by the craftsmen of other periods has influenced the design of a wide range of units adapted to almost any scheme of furnishing and decoration which your taste may favor.

Sleep and rest are doubly certain when Simmons springs and mattresses are used. See them at your dealer's or write for "Restful Bedrooms" to The Simmons Company, 1347 South Michigan Ave., Chicago, or to Simmons, Limited, 400 St. Ambroise Street, Montreal, Quebec.

Pale gold, dull ebony and opal blue are the dominant colors in this simple, yet impressive chamber. Draperies and bed covers are in silk taffeta, or in poplin of silk or mercerized cotton. The benches are taffeta, egg or silk velvets. Opal blue wilton carpet, Italian pottery lamps, embroidered bell pull. The wall is tinted cafe au lait. The beds are by Simmons, Directoire in spirit, in dull ebony with central panel in Simmons cane. They may be had also in soft jade green, old blue, ivory and fine wood finishes.
From Seville, in sunny Spain, where climate and soil combine to make the finest olive growing district in the world come Heinz Queen Olives. The same region produces ripe olives for olive oil. And in the midst of these olive groves there is a Heinz establishment where the fruit is prepared under our strict supervision and the ripe olives are pressed for Heinz Imported Olive Oil.

Olives and raisins from Spain, currants from Greece, figs from Turkey, spices from Java and India, fruits and vegetables from the garden spots of America! The whole world is drawn on for the products used in making the 57 Varieties. And wherever quick handling is necessary to preserve freshness, Heinz kitchens are located right on the spot.

All these world-wide activities are for the purpose of making each food that bears the name Heinz pure and wholesome and good to eat—uniform in quality and sufficient in quantity to supply a world-wide demand for them.

H. J. HEINZ COMPANY

57 Varieties
Dodge Brothers
Touring Car

In the cool of a Summer morning, it is gratifying to take your seat at the wheel, conscious that the Touring Car will do your bidding faithfully the long day through.

It is that time-tried dependability—so vital to the pleasure and economy of motoring—which, more than any single factor, has endeared Dodge Brothers Touring Car to so many hundreds of thousands of owners.

One-eighth of the total weight of the car consists of chrome vanadium steel. Many more pieces of alloy steel are used in vital parts than normal wear requires.

*The price is $880 f. o. b. Detroit*
SILVERTOWN is the one word that means "cord tire" to the world. No need to add "cord" or "tire." SILVERTOWN means both. But now it is also the one word that means "One Quality Only." For SILVERTOWN is the product of a one-quality policy. We center thought, skill, and care on it, and make it the perfection of cord tires.

THE B. F. GOODRICH RUBBER COMPANY
ESTABLISHED 1870
In Canada—The B. F. Goodrich Rubber Company, Ltd.
Toronto
Montreal
Winnipeg

Goodrich SILVERTOWN Cord
SOLD BY GOODRICH DEALERS THE WORLD OVER.
The COIL

DéJon

Starting, Lighting and Ignition System

is created to be the perfect complement for those fine motor cars whose quality is never compromised. Symbolic of DéJon perfection is the superior construction of the coil, the heart of a car’s electrical system. It is designed and bakelized against insular breakdown. It unfailingly gives a hot spark in frigid weather without sacrifice to high speed performance.

DÉJON ELECTRIC CORPORATION
Builders Ignition Technique
POUGHKEEPSIE, NEW YORK
THE FAMILY OF PINKS

(Continued from page 98)

out in the border in September or October and carried over with a light winter protection. They will bloom from July on till frost if faded flowers are kept cut. In fact, we have carried the same plants for two years and still received abundant flowers. These pinks should receive a light small stake and be bound loosely with raffia, otherwise they will sprawl and drag their flowers in the dust.

The cheddar pinks—whose name reminds us of excellent cheese—grow into flat mats in a short time when given good soil. They begin to raise their buds on thin, wiry stems in mid-May and by the first of June the green-gray foliage is hidden under solid clumps of white and light and dark pink. Since the plants increase so fast it is necessary to give them yearly division so that the centers won’t die out. Cheddar pinks can be used for the border and will appreciate a rich soil, although it is more pleasant to furnish them with a position that approximates their habitat—the top of a wall, or a space between rocks or along the edge of a path. The position should afford good drainage. The cheddars and the garden pinks—D. plumarius—share with the other members of the family a penchant for lime in the soil. All of these should be spaced a foot apart when finally set out.

Sweet William, of course, is easily raised and the percentage of seed germination would have done Roosevelt’s heart good. It is quick and abundant. Keep the seedlings growing along and in September place them in the border where they are to bloom next year. After they have finished blooming, rip them out and fill the place with annuals held in readiness—a shrub or late pinks. A covering of scarlet verbena and lavender ageratum, or a covering of marigolds or a covering of scarlet verbena and lavender ageratum, or one might even use sweet alyssum. Sweet William can be replaced after flowering, and the planting can be done more than one season, but the first year’s bloom is not satisfactory. First and, besides, not only can it be easily raised from seeds, but it is very amusing, they are not nearly so abundant or in such mass as with a single plant. Under the hand of the gardener come several desirable varieties. Stakes, clove pinks and other well-known names. Their flowers are quite large and fragrant very satisfying except to those who have hay fever. They have a further advantage in that the plant should be divided in the middle part of the border, and the soil is divided in two parts. The plant is divided in the middle part of the border, and the soil is divided in two parts.

How to Build a Pool

(Continued on page 62)

center of the wall. Then, in case of freezing inside or outside the pool, the pressure will not be a direct thrust against the walls but a thrust, which is much less dangerous. Precautions of this kind may seem far-fetched. They are often eliminated and the pools often survive. They add little to the cost and are certainly worth their expense in the peace of mind they give the pool owner.

Usually forms are set on the inside of the side walls only, the ground on the outside being cut downhill and cleanly to serve as an outside form for the concrete. Under ordinary circumstances, the concrete is composed of one part cement, two parts sand, and three parts crushed stone or gravel, and is mixed thoroughly with water until it achieves a jelly-like consistency. It is then poured into the excavation until it fills the side walls trenches and bottom to a level half way through the floor. Water is added, reinforcement is then laid on the half-poured floor and reinforcing rods set in the center of the side wall spaces, as shown in the drawing. Then the opening of the floor is completed. After which the forms for the side walls are put in place, their bottom edges just touching the surface of the floor. The concrete for the side walls must be poured immediately so that it will effect a perfect bond with the fresh concrete below.

Before any concrete work is done, the inlet and outlet pipes must be placed. As this opens the way for aeration of the pond, the inlet pipe should be an annular one, and can be placed in the center of the pool. Before any concrete work is done, the inlet and outlet pipes must be placed. As this opens the way for aeration of the pond, the inlet pipe should be an annular one, and can be placed in the center of the pool.
That's One Reason Why We Chose a Buick

The sense of security contributed by her knowledge that Buick Authorized Service is everywhere within convenient reach is another advantage enjoyed by the woman who drives a Buick.

Wherever she may live, wherever she may drive, she always knows that somewhere close at hand is this authorized service, established for the sole purpose of giving to her and to all Buick owners the uninterrupted use of their cars.

Nor does the infrequency with which her Buick requires such service lessen to her its value. She likes to feel that it is always present, always ready should by chance an emergency arise.
Ready when friends call

Sometimes on long, lazy evenings with the second pipe well alight and the hero of the story in the book you are reading just remarking to the lady in blue that they must have met somewhere before, there is a sudden ringing at the door. Then the cheerful voices of friends—the greetings of welcome and the setting back for a visit.

A Davenport Bed is the popular haven at such times as this. Four or five group themselves on its snug cushions, relaxing to its gracious comfort. And later, when happy hours of visiting must give way to hours of restful sleep, the Davenport Bed offers the comforting embrace of a restful bed, with real bedspreads, real mattress—all that a good bed means.

Davenport Beds are charming and inviting pieces of furniture. In graceful outlines and with exquisite skill the designers have built into them a tone of luxury and beauty that adds to your joy of living.

The Davenport Bed is a modern addition to the furnishings of the home, saves space, and is easily converted from davenport to bed and back again. In both capacities the Davenport Bed is eminently practical.

Your furniture merchant will gladly show you many designs and combinations of upholstery and woods from which you can readily make a selection.

Our stock shows photographs of nearly a hundred styles. Write for it.

DAVENPORT BED MAKERS OF AMERICA
Standard Oil Building, Chicago
For the connoisseur’s taste—and the thrifty man’s purse—here’s the best cigarette news in many a day.

Famous Pall Mall—the most distinguished of all cigarettes—is now available in a special new size—20 for 30¢.

At “a shilling in London—and a quarter here,” Pall Malls have always been the world’s best cigarette buy. But the makers of Pall Mall have evolved new economies in manufacture which leave the quality intact, while materially cutting the cost to you. Hence, the new “PALL MALL SPECIAL”—twenty genuine Pall Malls for 30¢—a triumph in volume production.

A trimmer cigarette than the Pall Mall Regular—a little smaller in girth, but with plain ends only—and with the same exquisite blend of the choicest Turkish tobaccos that has always made Pall Mall incomparable.

Try Pall Mall Specials tonight for your Luxury Hour.

20 for 30¢ to the Rockies 20 for 35¢
Graulite Answered

The Urge of Necessity

"Y" ou absolutely must curtail the time of these wood finishing operations," was the demand made of the wood finishers.

"We absolutely cannot do it using shellac, varnish or paint," was the answer.

"Then get something else."

There wasn't anything else—then.

Today, that something else exists—it is Graulite

Take first the question of time saving

—this is the schedule for finishing standing trim for two rooms of average size:

<table>
<thead>
<tr>
<th>Day</th>
<th>Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>Apply stain and allow to dry</td>
<td>2 hours</td>
</tr>
<tr>
<td>Second</td>
<td>Apply primer—allow to dry</td>
<td>4 hours</td>
</tr>
<tr>
<td>Fourth</td>
<td>Apply coat of Shellac</td>
<td>1 hour</td>
</tr>
<tr>
<td>Sixth</td>
<td>Apply coat of varnish, then allow to dry</td>
<td>2 hours</td>
</tr>
<tr>
<td>Eighth</td>
<td>Apply coat of varnish and allow to dry</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**TOTAL TIME:** Minimum... 60 Hours

Here's the difference with Graulite

—same two rooms to get exactly the same result

<table>
<thead>
<tr>
<th>First Day</th>
<th>Description</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>First</td>
<td>Apply Graulite—allow to dry</td>
<td>1 hour</td>
</tr>
<tr>
<td>Second</td>
<td>—Apply primer—allow to dry</td>
<td>2 hours</td>
</tr>
<tr>
<td>Fourth</td>
<td>—Apply coat of Shellac</td>
<td>1 hour</td>
</tr>
<tr>
<td>Sixth</td>
<td>—Apply coat of varnish, then allow to dry</td>
<td>2 hours</td>
</tr>
<tr>
<td>Eighth</td>
<td>—Apply coat of varnish and allow to dry</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**TOTAL TIME—Minimum... 12 to 16 hours**

Saving with Graulite—at least 50 percent.

The result, it is true, is the same but there is a beauty to the appearance of a Graulite finished room or of any woodwork that is new and pleasing. "What a relief to get rid of that varnished look—the grain in that wood seems to rejoice" is the exclamation of interior decorators who have used Graulite.

Graulite is for all kinds of wood—oak, mahogany, walnut, birch, ash, maple, cypress, hard pine, gum—any of them will seem to rejoice is the exclamation of interior decorators who have used Graulite.

Home owners, tell us your problems—we can save you money.

W. F. GRAUL COMPANY, INC.
41 Pleasant Street
Northampton, Mass.
And about the first of August, summer clothes—

thoseEnd-of-the-Season
CLOTHES—

undergo a mysterious change. They were so
so crisp, so satisfying just a week or two ago.

There's something wrong with every one of them

bit droopy... a thought faded... don't go to-
somehow... you haven't a thing to wear!

Still too early to look for autumn clothes—you've

in the country yet. But it's just the time to
town, choose a length or two of shining crepe,

moire, of lovely clear-toned satin, and whisk a

new frock out of the top of a clever little paper
pe—a Vogue Pattern!

Our wardrobes don't wear out all in the same

Vogue has chosen things for you for sport, for
REET, for the afternoon, for the evening. And

they are for you on this page—your end-of-the-
clothes.

smart little pleated suit (Dress No. G-7211; Cape

7-7212), may be in white crepe for the country; in

case you'll decide on a blouse with the less-than-
sleeves that are the alternatives for the slender.

But, full-length sleeves sketched for town. For

too, you may take the model in, say, navy blue—
iris is saying navy blue in every cable, and no shade
becoming to the average woman. Black would be

too, and quite as chic as ever. The whole suit

crumbly easy to make, of course—no making to it.

To make a new crepe afternoon frock with a touch

of drapery—or to combine two worn frocks into one—
you might try No. G-7214. If you were to leave off the
sleeves altogether, you'd have a little dinner dress that

you'd find ever so meted. Speaking of dinner dresses
makes us think of No. G-7204—such a lovely graceful
thing with its shining satin drapery and its Chantilly
cape-back collar. You'd be simply amazed to see how

easy it is to make—skirt in two pieces, blouse in two
pieces, and that engaging collar in one piece, cut out of
fourteen-inch lace—haven't you a bit on hand that would

make it?

Last of all, for genuine usefulness, how about a dress

of moire? Paris continues to use it for simple frocks
and others not so simple, and so can you. For no frock
in the world could be simpler than No. G-7202, (all in
one piece except the sleeves), while No. G-7213 is an ex-
ample of the not-so-simple, yet quite-charming. Paris
talks about tiers in both coats and dresses for this winter,
those smart flat tiers that moire makes so beautifully
and keeps in place so well, tiers cut with a hint of the

circular, just as you see them here... . . . Which gives
you the assurance you've been looking for that your end-
of-the-season clothes won't have to go into retirement
with the golf balls. But—Vogue Patterns never do!

Coats and separate skirts $.65 each;

frocks $1.00

19 West Forty-fourth Street, New York City
The Furnace Coil Takes Every 7th Shovelful

A Royal Automatic Storage Gas Water Heater will give you instant hot water day and night the year round in kitchen, laundry and bath. Thousands of installations prove the economy, efficiency and the safety of the Royal system of instant hot water service. For homes, apartment buildings, offices, the Royal insures maximum heating efficiency for minimum gas consumption. A booklet, "Hot Water,"—sent on request.—will solve your problem. Write today for information about exclusive Royal feature.

A C ABINET-MAKER
COLONIAL AMERICAN

(Continued from page 104)

(highbboys) and the secretary desk are
of mahogany, as is the tripod stand and
the bookcases. Here one may be re-
minded that although the high chests of
drawers and the dressing tables such as
these pieces by Savery are commonly
called highboys and lowboys, the true
highboy and the true lowboy known in
English furniture in the latter part of
the 17th Century, had long before
passed out of fashion (early 18th
Century). To these "highboys" and "low-
boys" of the last half of the 18th
Century were really indigenous to America,
created by our own cabinet-makers
and in their construction retained the
carved legs that superseded the twined
legs of the true highboy and lowboy of the
English cabinet-maker.

An examination of the accompanying
reproductions of photographs of Savery's
furniture will show how strong
were French and Chippendale influences
in Savery's high chests of drawers. On
the tables the carving of the skirts
is fully worthy to be placed along with
the best work of the English
Cabinet-makers of the Chippendale period.
In Chippendale's "The Gentleman's and
Cabinet-Makers Director", plate CLXI,
royal american pavilion and

described and pictured an "Inigo Jones Bookcase" which seems to have
strenuous with good effect by Savery
as regards some of his carved ornament.

Robert Manwaring's designs, "The Cab-
inet and Chair-maker's Real Friend and
Companion" (London, 1775) contains a
plate of designs (Plate XXXI) which
Savery referred to in working out the
furniture of his secretary in the
Metropolitan Museum. (In connection
with this point, it is to be noted that the
original owner discovered in Camden, New Jersey, the
orignal flat brass handle which
is given way to one of later
time.)

EARLY AMERICAN FURNITURE

After 1760 the American high chests
assumed a much more ornate character
than in earlier years. The superb high
chest with the central foliate and rococo
carved cartouche and finials of urns
and flames with the one with cartouche
missing are fine examples of this elabor-
ate style. It is more or less a tragedy
that the cartouche and finials, once seen
by Mr. Palmer on the high chest, when
it was in a former owner's possession,
now without them, should have dis-
appeared.

There is scarcely as much as a forlorn
hope that they will ever turn up. Mr.
Lockwood suggested that the central
carvings of the Savery high chest
was inspired by the carved cartouche over
the pulpit of St. Peter's Church,
Philadelphia. The original owner
of the high chest was made aware
by Mr. Palmer of the existence of
William Savery, who had been a
painter in the Revolutionary War,
and the solders who crossed the
rivers for the Battle of Trenton.

THE SEARCH FOR SAVERY PIECES

Second Street in old Philadelphia
where he referred to, there is now
"James Gillingham Cabinet Maker in Second Street between
Furnace and Chestnut Streets Period.
A label discovered pasted to the
seat of a chair constructed
brown of the Savery's, and that
Gillingham's calls to one that in earlier years
cabinet-makers were divided.
A label discovered pasted on the
seat of a chair constructed
design shown on Plate X of the
Savery's, and that
Gillingham's calls to one that in earlier years
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Savery's, and that
Gillingham's calls to one that in earlier years
cabinet-makers were divided.
Breakfast Service of Decorated Queen's Ware, by Wedgwood

"It will always remain to Wedgwood's credit that he was the most successful and original potter the world has ever seen—the only one, through all the centuries, of whom it can be truthfully said that the whole subsequent course of pottery manufacture has been influenced by his skill." Encyclopedia Britannica

One of the greatest achievements of Josiah Wedgwood was in the development of cream-colored ware, or "Queen's Ware," which he brought to perfection in 1761. So highly esteemed was this ware that, in 1763, Wedgwood was commissioned to make a special Service for Queen Charlotte of England, and ten years later a dinner service of about two thousand pieces for Empress Catherine II of Russia.

That "Queen's Ware," after one hundred and sixty years, has lost none of its original popularity may be attributed in part to its rare beauty, and in part to its extremely serviceable quality.

"Queen's Ware," like many other Wedgwood products, has been widely copied and imitated and the purchaser should always make sure that the ware is stamped with the genuine mark of Wedgwood.

Our illustrated booklet "C" will be sent upon request.

Josiah Wedgwood & Sons, Inc.

255 Fifth Avenue
New York

Wholesale Only

Potteries Etruria, Stoke-on-Trent, England

Cassidy Company
Incorporated

Designers and Manufacturers of Lighting Fixtures Since 1867

101 Park Avenue at Fortieth Street
New York City

Whether old and quaint or ultra and modern in feeling, tiles possess a charm rarely equaled by other materials used in home building.

THE ROOKWOOD POTTERY CO.
Rookwood Place, Cincinnati, Ohio

Reproduction of an English sconce with hand cut mirror.
Now you are all ready for your grand finale, finished flooring, doors, setting your casement windows into place, putting on your hardware, making enough closets, cupboards and shelves to please your wife, and constructing appropriate furniture for your place. For the love of sweet Heaven, man, don’t turn your self-respecting cabin into an abyss for receptacles of every furniture, leaving out its insides. “Excelsior” may be an excellent slogan for an Alpine village but it’s a darn poor one for an untrammeled vacation in the woods. Any man who can build a cabin can certainly make furniture to fit into the general harmony of things and this is a good place to use all you have left of your slab lumber with the bark on.

Your doors are mighty picturesque fashioned of either lengthwise or cross-strips of this shaggy lumber stained with a forest green stain—a color finish that amply repays the little labor and time it takes to apply. One coat brushed in well is sufficient, and far better than two coats applied now—though next year you may want to touch up your frames here and there where they have sun-sun-faded somewhat.

While you are wielding the brush and the can of oaken, get the rest busy on calling—a long job and one where the whole family can lend a hand. The amount of oaken you can fill in depends, naturally, on how well your logs are fitted in the first place. But if there is any left over, keep it—inasmuch as for a couple of years your logs are going to shrink a little and your calling will have to be looked to until they’ve reached a size which is comfortable to themselves. There are other chink-filling devices besides using oaken, but nothing anywhere near so satisfactory. Oaken not only makes your cabin snug and tight but it is also a preventative of bugs, moths and vermin—similar to the friendly office performed by the tar paper between the floors.

By the way, in answer to your question, “What’s the use of dressed lumber in a cabin?”—the floor is one place where it seems desirable. We had the same notion as you have—all rough lumber. After one season, however, of getting along with rough flooring, which, despite all efforts at taping in the first place, shrank to admit all its flies in the neighborhood every time we had a fish dinner, we decided unanimously on a matched floor of dressed lumber, stained a rich dark brown to match our footprints on a rainy day. Between the rough floor and this we laid tar paper, letting the ends come up between the flooring and the walls against it, but they are wide enough to keep out any undesirables that might try to effect an entrance in this way.

Your final chores which, by rights, ought to be put at as soon as your cabin is ready for habitation, is the oiling, inside and out with two coats of linseed oil—the first coat being thinned out about twenty percent with turpentine. Not only does the oil finish help to preserve the wood and—theoretically at least—render it less liable to checking, but it retains for your cabin its new beauty and ornamental appearance. Remember that logs do not weather artistically as do shingles. They merely turn dull and drab and seedy looking. Upon my own experience, I have investigated any able to corral all the cedar and lumber, the barest bunch of logs from the yard is better than any material you will find in the lumber yard, and the more rag and drab and seedy looking the better. It is a platform hoisted by an oakum roof to keep the water from our head outside the door for several weeks. bird’s nest is worth more than the first, and if you can break away from the one season, however, of roof to keep the water from our head outside the door for several weeks. bird’s nest is worth more than the first, and if you can break away from the

Of course the shaggy cedar is the ideal, and unless there is an overabundance of it in your neighborhood, you are likely to corral all the cedar you need for posts and trim. Other material you will need is a load of white pine or spruce lumber from your nearest mill. In lieu of this worthless stuff, you will have to make do with a better and far less desirable substitute.

(Continued on page 110)
CRAFTEX
Decorative Wall Textures
For New Walls or Old

Today, the pendulum of home decoration has swung back to the periods of simplicity and genuineness.

Why decorate your walls, which form the background of your home, with something which must be changed or “done over” in one or two years?

What could be more beautiful than the charm of a textured pattern which never repeats itself; the restfulness of gazing at a permanent wall finish which becomes more attractive as it is mellowed with age and which can be washed without injury to its surface?

Recommended by United States Gypsum Co.

With ten years of successful installations back of it and recommended as a permanent decoration for SHEET-ROCK wall board, Craftex has proved to be a simple and artistic form of wall decoration covering old paint successfully or concealing the joints of wall board and expressing always the individual’s desire.

Our booklets “Individualism in Wall Decoration and How to Obtain it” and “One Coat Craftex Wall Finishes” will be mailed you upon request. Address Dept. “B.”

SIMMONS GARDNER CO.
146 Summer St., Boston, Mass.
101 Park Ave., New York

Perfection
Brand Oak Flooring
I would have bought that house but for one thing—

“I turned the faucet in the bathroom while the real estate agent was showing us around. The water was rusty—even in this new house. I knew that meant rusty, dirty-looking water for my morning bath and shave.”

Houses equipped with Anaconda Brass Pipe are more livable and more salable. Water run through Anaconda Brass Pipe is always as clean and crystal-clear as it comes.

Corroded pipe brings not only rusty water, dripping faucets and expense of plumbing repairs. But—stick it out!

You get an effect with this stuff in your cabin “trine” and furniture, the doors and shelves, that is simply great—but more of this anon. For your porch you will utilize it for large boards, or, if you plan this for a sleeping room or outer living room, you will use it to back your balustrade solidly before screening. One porch shown here is so backed, the boards being stained a forest green, that the rich brown of the cedar posts stands out in bold relief.

The large boards of The Crow’s Nest are of this same picturesque roughness, the spots not covered with bark being touched with the forest green stain that seems the natural effect of sunlight through a drift of leaves, the graining giving varying tones.

Individual effects are gained by a fancy design of the balustrade and by a grouping of the pillars instead of having them spaced regularly. An architect’s cabin, “Quaunaut,” of which I told you before, has an interesting shelter formed by the roof’s extension, supported by posts in groups of three direct to the ground itself and placed far enough in to give wide eaves. It gives a very definite and interesting impression of the Japanese. The simplest and probably the most “chablis” way to build your porch is to extend the cable end, chalet-fashion, and support it on pillars. From both views—inside and out—this is usually satisfactory, especially upon a small cabin.

In The Crow’s Nest this effect is enhanced a lot by the roof of split saplings, carefully matched and placed by a real craftsman at hand.

Just a word about your roof line by line. If possible—which means if the level is practicable—have your porch roof over the main roof. If this would mean that you bumped your fool head each time you crossed the flat part, flatten the pitch of your porch roof. The average cabin porch looks like a barn on a ship’s side. Just a guess but I feel that in mind that both the outside and inside of the ante-room is an honest-to-goodness integral part of the house itself, not a makeshift or an afterthought. Accent the “log” part all you want—but make it a “loggia” not an “apologia.”

THE FIREPLACE

Like a kid with a couple of pieces of candy, I’ve saved the best for the last. When you say “fireplace” to me you have got me started rocking my hobby. I feel, very comprehendingly, that our nearest log cabin neighbor, a dear little Frenchwoman, really truly speaks truly when she graciously asks her visitors to gather about the “heart.” It surely is the heart and soul of the wilderness home and those who gather about it reflect its varying moods. I defy anybody to be downright grousely when the fire roars and crackles up the broad chimney—and I’ve yet to see anyone who does not dream his dream as he sits quietly before the glow of red embers. Ever notice how they seem to breathe and fade—breathe and fade? It’s the most heart-opening phenomenon I know of. Get a group of people before a deep fire—hearted bed of throbbing embers on a stormy night—and they will beg each other their moldy stories out long.

But don’t think this joy is gained by a tossing together of the hither and yon—ravishing with mortar. Funny thing, isn’t it, the town house must have perfect care in the design and construction of its fireplace, while it’s often a few years during and then for effect to raise it. And then for effect it must rise, girded for as “something very special, if you will.” And then you feel in duty bound to have it with everything else out of the cracks.

Quite understandable too—when you have an easy job on your hands that you can’t seem to get over to any of your agreements.

Just keep in mind the nonsense:

It must be in harmony with the architecture of the house also the woody environment.

It must be beautiful in proportions—not only of a general shape to suit the room, but related parts.

It must be completely practical.

As long as you keep to the first of these there is no danger of escape. The rocks of your going to look as if they are the place, if they actually are. One of the fireplaces I saw in pictures found within easy hauling of New England made a striking picture in the window—brown in coloring, a fine detail of the architrave of the chimney, the gagging effect of the winter door, that is simply great. The rocks of your fireplace is that the openings must be wide enough to give wide eaves. It gives the whole the character of a barn.

Now as to proportions:—not only of a general shape to suit the room, but related parts.

The fireplace is given to you as a species of your fire—no balance. Or, get a consensus of your fireplace, that is simply great. And then do what you please in the first place. Too much balance, too little balance, leaves you bored sense of being overpowered.

I don’t want to give any emaciated suggestions, but the proportions of our fireplace to the dimension of the room is important. This is a point that will give the effect of massing about being overwhelming.

Another uniform characteristic of fireplace is that the openings are up. From the front of the fireplace (Continued on page 108)
THE opening and closing of doors subjects surrounding plaster to shocks. Not hard blows, it's true. But never-ending vibrations, day after day, year after year. That is why cracks so frequently appear around much-used doors and windows.

To avoid such unsightly defects, stronger construction is necessary. That is why the plaster in so many new homes is being made crack-proof with Kno-Burn Metal Lath—"the steel heart of plaster".

The steel strands of the lath reinforce the brittle plaster in every direction.

To prevent cracks use Kno-Burn around windows and doors, in all corners, throughout bath rooms and on all ceilings under inhabited rooms.

Fireproof construction of frame buildings is now possible. Incombustible plaster and Kno-Burn Metal Lath form a fire-resisting barrier that has been officially given a one-hour rating. Metal lath should also, for safety's sake, be used over heating plants and at chimney breasts, under stairs and around stair wells.

In Every line of endeavor there is a leader, whose product is outstanding in quality. In gas ranges, this quality leader is Roper. For 38 years housewives have confidently turned to Roper for the ultimate in gas range beauty and convenience.

Roper gas ranges have always been—will always be—built to the highest ideal of home service. They may be seen wherever better household utilities are sold—priced from $35 to $300.

The Roper Recifile—the latest contribution to the fine art of cooking, will be sent on receipt of 35 cents.

GEO. D. ROPER CORPORATION, Rockford, II.
Pacific Coast Branches:
26 Mission Street, San Francisco, California

ROPER GAS RANGES
(formerly Eclipse)

BE SURE THE ROPER PURPLE LINE AND THE ROPER OVEN CONTROL ARE ON THE GAS RANGE YOU BUY
Copyright, 1923, by Geo. D. Roper Corporation.
Prettier Teeth
If you fight the film

While you leave teeth coated with a dingy film, their luster cannot show.

Look about you. Note how many teeth now glister. And mark what they add to good looks.

The reason lies largely in a new method of teeth cleaning. Millions now use it daily. Accept this ten-day test we offer, and learn what it does for you.

Why teeth lose beauty

A viscous film clings to the teeth, enters crevices and stays. The toothbrush alone does not end it. No ordinary tooth paste effectively combats it.

So much film remains. Food stains, etc., discolor it, then it forms dingy coats. Tartar is based on film. Those cloudy coats hide the teeth to cause decay. That's viscous film. Those cloudy coats hide the teeth to cause decay. That's film. Those cloudy coats hide the teeth to cause decay. That's film.

That paste is called Pepsodent. Leading dentists employed it without the use of harmful grit. Thus every use gives manifold results. Just a word about the pictures I

Avoid Harmful Grit

Pepsodent removes the film and renews the tooth with a harmless agent. Its polishing agent is far softer than sandpaper. Never use a film and a sandpaper-like substance to polish teeth.

That tooth paste is called Pepsodent. Leading dentists employed it without the use of harmful grit. Thus every use gives manifold results. Just a word about the pictures I

What this new method means. You will see results which old methods never bring. Cut out the harmful habits. Then you will whitens, cleans and protects the teeth without the use of harmful grit. Now advised by leading dentists the world over.

Pepsodent

10-Day Tube Free

112 Mail 10-Day Tube of Pepsodent to Dept. 157. 1104 S. Wabash Ave., Chicago 10, Ill. (Continued on page 110)
The World’s Standard Specialty

tie Water
The Wood Eternal”

Tide Water

Cypress

The World’s Standard Specialty
for its particular uses—not
an alternative commodity.”

We recommend Cypress only where it is best for you,
and prospective builders will be intensely interested
in the following excerpts from the U. S. Government Report
— Bulletin 95, Dept. of Agriculture, Forest

Cypress is put to almost every use as an interior trim for
....natural color or stained....contains little resin....
affords a GOOD SURFACE FOR PAINT, WHICH
holds well....popular....for kitchens, where it is
exposed to dampness and heat....shrinks, swells or warps
little....For the parts of houses exposed to the weather
uses equally well. AS SIDING IT PRACTICALLY
fits it with a green house construction)...when:
resists decay and holds its shape, holds paint, and has sufficient
...It is placed as cornice, gutters, blinds....and rail-
much...for Porch floors and steps....Much
Cypress lumber is employed in the construction of
SIDING the FARMER puts the wood to many uses....ITS
...once to decay fits it for stable floors and timbers near
round, as well as for....gates, and especially for fence
...one of the best available woods for picket fences, as it shows paint well and holds it for many years, but
a long time without it....widely used for this purpose
....regions remote from its range....It is PRE-EMI-
...tly Fitted for (greenhouse construction)....where
...called upon to resist dampness, excessive heat, and all
...ments that hasten decay....shook, frames, benches, boxes, pracitically all else the builder needs....etc.”

If You Could SEE the Atmosphere
in Your Home

WHY do you take a deep breath when you
step outdoors? That’s right! Your system
craves the pure, fresh air. But WHY is the out-
door atmosphere so different from that in your
home? The difference would surprise you if
you could only SEE the atmosphere.

The vitalizing element of the atmosphere in most homes
is largely destroyed by overheating or stagnation. Fire
poisons and personal contamination—enemies more pre-
valent than are realized—render the air still more unfit for
breathing, sap your vitality, and increase your susceptibil-
ity to disease.

The mission of the FarQuar System is to provide stimu-
lating warmth and maintain an atmosphere that is pure,
fresh, and invigorating—a result realized through scientific
construction based on established principles of hy-
genic heating.

Therein lies the difference between ordinary heating
systems and the FarQuar,—a difference that means re-
newed vigor and better health.

Some Exclusive FarQuar Features

An electrically welded, seamless steel fire-box prevents escape of
fire poisons; a positive automatic control insures uniform tempera-
tures with once-a-day firing; large air capacities ensure mildly
warm temperature; adequate ventilating system evenly distributes
heat, prevents stagnation of air, and promptly removes all personal
contamination.

Now you see WHY the FarQuar System accomplishes
results impossible with any other heating method.

If interested in a better atmosphere
in the home, ask for FarQuar booklet
free to home owners and builders.

The Farquhar Furnace Company
708 FarQuar Bldg., Wilmington, Ohio.

Some enthusiastic users often be-
come interested in the sale of

The Farquhar Furnace Company

Some choice territory still
open. Write for particulars.
There are some places about a house where materials of a low first cost may be used with economy in the long run. But screen cloth for windows, porches and doors is not one of them. Don’t take chances with your protection against insects.

Jersey Copper Screen Cloth will give you the maximum of service at a minimum of expense. It is made of copper 99.8% pure. It cannot rust as do iron and steel. It will not disintegrate as do cloths made of uneven alloys. It is not soft like ordinary copper cloth, because it has been made stiff and strong by a special Roebling process.

While the first cost of Jersey Copper Screen Cloth is slightly higher, the difference is insignificant when compared with its durability, also the cost of paint, repairs and extra labor, which must be expended on some other kinds of screen cloth is avoided.

Use Jersey Copper Screen Cloth (16 mesh, dark finish) for your door, window and porch screens. Look for the red and black tag when you buy custom made screens or screen cloth from the roll. If you cannot readily obtain Jersey Copper Screen Cloth in your locality, write us. We will send you on request a booklet "A Matter of Health and Comfort" regarding screen cloth which you will find worth reading.

The New Jersey Wire Cloth Co.
South Broad Street
Trenton New Jersey

Copper Screen Cloth
Made of Copper 99.8% Pure

Look for This Tag at The End Of The Roll

The three plans on this page show an ideal arrangement of kitchen equipment as designed for a typical kitchen by the Home Assistants Association of New York.

In city homes and apartments where space is at a premium, it is necessary to use every inch of shelving and to have fixtures and furniture conveniently located and designed for a definite purpose.

The proximity of work table to stove on one side and of preparation table, work table, and sink on the other makes a compact, step-saving disposition of all the equipment necessary.

ON HOUSE & GARDEN'S BOOK

Ming have seemed remote since they preceded the wares of the Ch'ing Dynasty of the reigns of the familiar K'ang Hsi, Yung Cheng and Ch'ien Lung emperors, they are, from the Chinese point of view, comparatively modern. In his introductory chapter Mr. Hobson says: "In the long vista of Chinese history which stretches back in an unbroken line far beyond our era, the Ming dynasty seems relatively near and modern. The supreme periods of the major arts had passed. The great painters of the T'ang (618-906 A.D.) and Sung (960-1279 A.D.) dynasties were already invested with the halo of antiquity; and though there were still names which added lustre to the annals of Chinese art, the Ming dynasty is best known to us for the development of one of the minor crafts. The porcelain of Ching-té Chén, with which the name of China is universally associated, reached its full maturity under the Ming generations had little to do with the development except perfecting the art; Chinese writers and after times speak of the K'ang Hsi, Yung Cheng and Ch'ien Lung reigns have been voted the classic periods of manufacture." It is, indeed, only recently that collectors have begun to be interested in the finest Ming pieces to the periods. Mr. Hobson says: "It would now seem that there is a distinction in the value between two distinct types of Chinese porcelain, the one a finely finished article, and the other a thick and heavy, or roughly finished, ware transported by sailing or Western markets. The characteristic of these two groups is certain.
August Is Hot?
Not Here!

0 the Banff-Windermere Highway is open at last! It took five years to make those fifteen scenic miles, right over the middle of the tugged-up Rockies with snow on their stubborn heads.

But now you can do six thousand miles; see twelve American and three Canadian National Parks; and never meet any obstacle worse than a view you've got to get out and snapshot.

There are other new roads, opened this year—the Elkahwanna Trail, from Scranton to Binghamton; the Williamsport Trail to Washington; the Adirondacks—the White Mountains—California—Quebec—

It's just no sense in staying still and being hot. Sticking to the nose-to-tail-light post roads where you've tried what they have for breakfast at every one of the inns.

Come on! And if you're not sure of where to go, consult the Conde Nast Travel Bureau.

Just tell us the size of your car and the length of your purse and we'll make a tour to suit.

The Conde Nast Travel Bureau
West 44th Street New York City
Just as rain —

freshest the foliage of Nature's children in field and forest, so a shower refreshes you.

IN NATURE'S way of washing, the water is used once. It is carried, water-borne, to every cell, and returned to the earth as such, as water redemptive. A shower renews your body. As the preface to Mr. Hobson's book states, the text is based primarily on information obtained from Chinese sources and the occasional notes made by Europeans who visited China in the Ming period. To this must be added the deductions which can be made from the study of well-authenticated specimens.
Tables for Occasional Uses
Most Attractive Prices

made by skilled workers who have devoted their lives to creating
furniture and sold direct to you at a big saving in price.

The Newport Nest

Almost limitless in their many uses—nesting into
a compact space when not desired, this nest of three
tables should be in every well-appointed home.
The graceful design, beautiful finish and superior
construction reflects the work of master craftsmen
whose ideal is to create distinctive furniture.

$33.75

Finishes: Antique Mahogany or
Dull Rubbed Brown Mahogany

Other Tables of Many Uses

LEG BRIDGE TABLE

Leg designed for card games, this
table's spacious 40-inch top affords
many other uses. For teas, luncheons,
for use in a piano room, etc., it is un-
surpassed.

$17.50

These tables can be had
in either of these finishes:
Antique Mahogany or
Dull Brown Mahogany.

COLONIAL TILTING TOP

This beautiful Tilt-Top table will lend
itself to many uses. Its
27-inch diameter—
an appropriate
top is 37 inches in di-
size for many purposes.

$22.50

For less, for
better, for more,

For less, for
better, for more,

Prices on request

Robert Phillips Company, Inc.
Artisans in all Metals

Office and Studios, 101 Park Avenue, 40th St., New York City

A Bedroom Lamp
of Wondrous Beauty

THE DISTINCTION and in-
dividuality of this dainty Bed-
room Lamp, with Dresden flow-
er's entwining its slender shaft,
create an impression of appealing
beauty.

Against a background of painted
furniture it becomes the pièce de
résistance of the entire room.

Finished in Foliage Green and
Gold; with Shade of figured Silk
in colours to harmonize with any
decorative treatment.

Visit our Studios where you may
view a comprehensive collection of
artistic furnishings covering every light-
ning requirement.

Robert Phillips Company, Inc.

Globe-Wernicke
Apartment Sectional

There's many a good place for bookcases in your home.
And many happy hours for reading. These specially
designed bookcases will protect your books, keep off the
dust which makes books a care, withstand dampness and
abuse. Globe-Wernicke Sectional Bookcases grow, too,
with your library.

Low and graceful, the Apartment Sectional is a
great favorite. Its decorative possibilities are limit-
less. Ask to see it in all the period designs. Pop-
ularly priced, everywhere!

The Globe-
Wernicke Co.
Dept.8-9
Cincinnati, Ohio

Please send me with-
out charge your booklet of
Unusual Decorative Effects
for Bookcases.

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CINCINNATI
New York Washington Chicago
Baltimore St. Louis
Boston San Francisco
Philadelphia

2 Address
A Small Mark with a Big Significance

To build a modern home and then furnish it with old-fashioned equipment is a false economy. A truly modern bathroom is a perpetual delight, but because to the casual eye plumbing fixtures look so much alike, only those who buy with a trade-mark can know exactly what they are getting.

TEPECO
Stands for Excellence

The reputation of The Trenton Pottery Company's ware for excellence in mechanical construction, quality and design entitles these products to first consideration. The cost of installation is no greater because of that quality; the plumbing maintenance is less. For evenly glazed vitrified china and porcelain is immune to corrosion. Sediment will not readily adhere to its surface, and under ordinary conditions and normal care it will not discolor with years of use.

Because of our inability to meet the demand for all types of TEPECO All-Clay Plumbing Fixtures, you may not be able to know exactly what they are getting. Send for our instructive booklet, "Bathrooms of Character".

THE TRENTON POTTERIES CO.
Trenton, New Jersey, U. S. A.
Boston New York San Francisco

ON HOUSE & GARDEN'S BOOK SHELVES

(Continued from page 116)

From the 7th to the 9th Century Chinese ceramic wares found their way into the Near East. From A.D. 833 to 838, the city of Samarra was the headquarters of the Caliphate, and here the caliphs were received with unceasing tribute. The caliphs and their successors may have been7

been unceasing evidence of the fact. However, the Sassanian huts were built of red bricks, and the Persian emperors as the Chinese were unacquainted with this technique.

Risashid al Raschid made the city of Raqqa his capital when Bagdad became too large for the Caliphate, but Dr. Riefstahl points out that the old periodi cal decoration of the Raqqa wares to that of Caliph's reign (A.D. 783-800), must be given up in view of the fact that all the Raqqa so-called were excavated from quarters of the old city that were not constructed until the 11th, the 12th and the 13th Century.

In the second half of the 7th Century the Mohammedan conquerors were firmly established on the ruins of the preceding Sassanian Empire. Buchara and Samarcand were occupied in 651 and 676. The early years of the 8th Century found the Caliphate firmly established in Transoxonia. In politics, literature, art and science the Arab influence swept over Persia and Turkistan. Before long Turkish藓es were founded, the Caliph asserted it and the power of the Caliph of Bagdad dwindled to the condition of a lip service. With the consequent decrease in Arabian influence, the old Persian traditions in literature and art were revived, marking the golden age for Persian literature.

The 12th and 13th Century potters in Persia invented a new technique, that of overglaze painting, which greatly increased, as Dr. Riefstahl tells us, the possibilities of polychrome decoration and of elaborate design. This brought the beautiful Rhages pottery into being, reflecting, so many of them, the contemporary styles of miniature painting in Persia. Dr. Riefstahl has much of especial interest to say on this subject.

The sultanabad wares close the history of the Classic period in Persia, and Dr. Riefstahl tells us that nothing new was created in Persia during the 14th and 15th Century. However, the most interesting pot teries coming from Turkestan, Buchara and Samarcand. Chinese influence was again felt in the 16th Century and called forth new efforts, but these did not, like the early Mohammedan wares, become the source of inspiration for Europe, and these 16th Century Persian wares have therefore only a local interest.

Other sections of Dr. Riefstahl's volume are taken up with "Pictorial Representations on Rhages Pottery", "The Story of Bahram Our", "The Story of Babrur Gurn", the adventurous hunter king (A.D. 420-431), one of the most picturesque figures in Persian history, legend and literature, (whose exploits were celebrated by Firdusi, Nizami, and other Persian poets), and "Textile Patterns on Mo hammedan Pottery". The detailed descriptions of each of the plates, the Bibliography and the Survey of Dates Referred to are all that could be desired, and the Index is especially to be commended. In passing one wishes to congratulate the publisher for having provided so valuable a work in so harmonious a form.

GARDNER TEAL

The Biology of the Ascent of Sap, By Sir Jacobus CHURNER

Bark, Director of the Bose Research INSTITUTE, CALCUTTA. LON EAMS GREEN & COMPANY.

The manner in which the sap ascends the stems of plants has long been a puzzle to botanists and may tory conti

(Continued on page 128)
Coziness in the Living Room
friendliness in the dining room—the desired atmosphere in every room—are all easy when you use efficient "Bluebird"

CURTAIN RODS

Single, double and triple styles are adapted to all windows and drapes; and Satin Gold and White Enamel finishes keep them like new for years.

"Bluebirds" have patented, ornamental, snap-ended ribbons exclusive feature. That is why they are the superior rods for all draping purposes. Ask your dealer.

H. H. Judd Co., Inc., New York Makers of Home Accessories for over 50 years

The elusive ideal in country house design is to create harmony between the exterior walls and the roof. A composition of such true pictorial charm as this hillside residence is made possible by the gray greens, splashes of purples, browns and yellows of the Tudor Stone roof, backed by the cool green of the surrounding foliage.

We should be glad to send you our booklet descriptive of Tudor Stone Roofs.

Kerner Incinerator Co. 1025 Chestnut St. Milwaukee, Wis.

The convenience, comfort and sanitation of your new home is greatly enhanced if you have a Kernerator built in. (It cannot be installed later.) All household waste, garbage, broken glass, cans and the like, dropped through the convenient hopper doors, fall to the brick incinerator in the basement. There it dries automatically, and an occasional lighting burns everything combustible. The waste itself is the only fuel required; therefore it costs nothing to operate. Non-combustibles are sterilized and removed with the ashes. Consult your architect or write—

Kerner Incinerator Co.,
1025 Chestnut St. Milwaukee, Wis.

Imported Cereal Set

15 Pieces $8.50

This European-made, earthenware cereal set is an ornament to your kitchen, with its vivid blue and black decoration, and it will help you in systematic housekeeping.

A great convenience for your own home or an unusual gift for a summer bride, here is something decidedly useful that will serve for years.

In the inevitable household reorganization this fall, you will find the assortment of housewares at Lewis & Conger's enormously helpful.

Lewis & Conger
45th Street and Sixth Ave.
Phone Vanderbilt 0971

[Ad for imported cereal set, with detailed description and prices]
Consider These Household Uses for Slate

Shower Stalls  Fire Places
Sinks     Hearths
Laundry Tubs  Floors
Kitchen Slates  Sills
Table Tops  Wainscoting
Flower Boxes  Shelving
Septic Tanks  Base Beards

A booklet devoted to the varied Home uses of slate will be mailed on request.

ON HOUSE & GARDEN'S BOO

(Continued on page 118)

It is significant that the model of the original "Home Sweet Home" erected at Washington, D. C., and dedicated in June by President Harding at the beginning of "Better Homes Week" and Shriners conclave, is roofed with slate.

This house, a memorial to the writer of that immortal song, is dedicated to the perpetuation of the American home. What more fitting than that it should be roofed with the stone which outlived the centuries.

Look to your own "root tree." Make your home a home-stead—a place of shelter for posternity—a monument to your good taste and foresight. Roof your home with slate. Replace less permanent roofs with this once-and-for-all material. Slate Roof On Model of "Home Sweet Home," at Washington, D. C.

Slate Helps to Perpetuate "Home Sweet Home"

"It is not likely that the statements making the book will go unattended by students of plant physiology, but they cannot fail to interest them. The advocates of physical processes will now re-examine the evidence in the light of these new discoveries. Whatever the final outcome, all will be indebted to the author for the many ingenious methods he has devised for studying the problem."

"In most cases the plants have been made to record their own responses and nearly a hundred photographs of such recording of the machines employed in securing them are included in the book. That responses to stimuli occur in plants parts that are usually regarded as lacking in motion now appears to be an established fact. The author deserves much credit for the fertility of his invention with which he has attacked the problem and for the painstaking manner in which he has carried the work through."  

WILLIAM N. CULTE

GARDEN PLANNING, BY W. S. ROGERS. Doublleclay, Page & Co. This is a book on garden planning for the amateur, to be read with a bundle of stakes under one arm and a measuring tape in the free hand. Still, there are passages in it to be cherished under cover and including whenever he pauses in the shade.

"It is well for the gardener to start with an open mind. He should look for suggestions from the site, not omitting to take into account its immediate environment. The best gardens are personal: they take their character from their makers. I am sometimes asked 'What style of garden would you suggest for my plot?' and I am tempted to reply, 'The common sense style.' The exact treatment for a given plot is not to be laid down by rule. The gardener may not recognize the possibilities of the site at first glance, but he will do so when he has carefully studied it.

Now, if every beginner in garden planning were to win the wisdom of those words and put them into practice gardens would grow with friendly terms with each other and be rid of the stiffness and the self-conscious action so many gardene able" and "sensible" and "good." Perhaps, but they are certainly traits a garden may not recognize the possibilities of the site at first glance, but he will do so when he has carefully studied it.

their makers. I am sometimes asked 'What style of garden would you suggest for my plot?' and I am tempted to reply, 'The common sense style.' The exact treatment for a given plot is not to be laid down by rule. The gardener may not recognize the possibilities of the site at first glance, but he will do so when he has carefully studied it. Now, if every beginner in garden planning were to win the wisdom of those words and put them into practice gardens would grow with friendly terms with each other and be rid of the stiffness and the self-conscious action so many gardens have about them. Perhaps, but they are certainly traits a garden may赛车发动机
Mrs. Ella H. R. Stone
Redlands
Redlands, California

and now her kitchen is an inviting spot; no fumes, cooking odors, steam, smoke and moisture are quickly removed - the atmosphere is fresh, pure and invigorating, since Mrs. Stone bought an ILG AIR exhaust fan...
Soft water for your home!

Soft, soothing, sparkling, lather building water—all you want of it and whenever you want it—right from your faucets. No need to use queer chemical powders and special soaps or to fuss with rain water.

The softening tank goes right into your cellar, and is connected to your regular water supply, giving you all the pleasures and savings of soft water at a few cents operating cost per day.

Soft Water

1. Eliminates rain water cisterns
2. Protects plumbing and saves fuel
3. Delivers soft water at city pressure
4. Adds 1/3 longer life to fabrics
5. Cleans clothes with less washing
6. Softens and beautifies the skin
7. Is a natural tonic for the hair
8. Delightful for shaving
9. Makes vegetables more tender
10. Is excellent for drinking

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ON HOUSE & GARDEN’S BOOKSHelve

OLD FASHIONED SONGS OF A FARMER. By John H. Fleet, Lyman. Published by G. P. Putnam’s Sons. Behind this slight collection of verses there hangs the author’s affection for his home and farm. It is eminently successful. We all feel in varying degrees, in some, audibly or not, in our own peculiar way; so we cannot help recalling our own experiences. Other illustrations show an unusually attractive house and garden, and the frontispiece shows the author under an arch—last named after her brother, Walter Van Fleet.

THE BURGESS FLOWER BOOK. By L. P. Craven, by Thornton W. Burgess. Published by Little, Brown. Wherein Peter Rabbit and his friends are sent adventuring among the flowers for the horticultural beauty of popular creature’s youthful fancying. Though it must be somewhat wearisome at times to be called “old-fashioned songs” of Mrs. Lyman and being touched according to the various kinds enumerated failure is next impossible, but it is taught by carelessness and inattention to the first principles of cultivation. The culture of all these plants, from cuttings to carnations, is thoroughly described, and granting a supply of sunlight and carefully controlled heating arrangement, it seems perfectly reasonable that the high hopes Mr. Barnes asks the reader to entertain might be fulfilled.

THE BLOSSOM CIRCLE OF THE YEAR IN SOUTHERN GARDENS, by Julia Lester Dillon. Published by the A. T. De Wolfe Co., Inc.

This little book of Mrs. Dillon’s is an extremely practical thing, done in a personal, intimate style. It is chiefly valuable as an outline of the plant material suitable for the Southern States, though it is more than an outline in this respect. It tells what plants will thrive in that section of the country and describes the ways in which these plants may be most effectively used, and the advice given is largely a product of the author’s own experience. The horticultural directions are arranged according to the months, which is a sound method and always gratifying to the amateur.

FORESTRY FOR PROFIT, by Theo. Philip Tunks. Published by G. P. Putnam’s Sons.

There are numberless landscape schemes, yet Mr. Tunks has made use of very few of them in gardens and on our grounds. This may be one reason why this book ought to be read, and at an opportune time. Its aim is to enable us to get acquainted with the plants which bear decorative fruits, all the different flowers, for those who require certain kinds of cultivation, and finally lists are for the different uses to which the shrubs may be put. It is not involved as it seems. No common name is given or any description.

HOW TO KNOW WILD FRUITS, by Walter van Fleet. Published by the Macmillan Co. The shrubs, small trees which bear colored fruits, are among the most decorative in the landscape scheme, yet Mr. Tunks has made use of very few of them in gardens and on our grounds. This may be one reason why this book ought to be read, and at an opportune time. Its aim is to enable us to get acquainted with the plants which bear decorative fruits, all the different flowers, for those who require certain kinds of cultivation, and finally lists are for the different uses to which the shrubs may be put. It is not involved as it seems. No common name is given or any description.

HOUSE & GARDEN'S BOOKSHELF

(Continued from page 120)

T HE VEGETABLE GARDEN, BY ADOLF KIRCHEI. Doubleday, Page & Co.

It is a question whether a book on vegetable gardening should be written for the amateur, or for reference. Mr. Kruhm, in this volume for the amateur, has effected a fairly successful compromise. His chapters progress straight from “The Economic Value of the Kitchen Garden,” through “How to Maintain Fertility,” and “The Middle Type of Gar­den” to “Fall Work in the Garden.” It is not difficult to learn all about the culture of carrots, say, merely by looking up “carrots” in the index and finding a brief but complete discourse on the subject. Thus you may read through the book simply to gain a general knowledge of vegetable gardens, or you may find with perfect ease the particular plant or practice which interests you at the moment.

The reader is assured that all those plants are mentioned in the book, which are sure to succeed, and that if a selection is made from the various kinds enumerated failure is next impossible, but it is taught that “by carelessness and inattention to the first principles of cultivation. The culture of all these plants, from cuttings to carnations, is thoroughly described, and granting a supply of sunlight and carefully controlled heating arrangement, it seems perfectly reasonable that the high hopes Mr. Barnes asks the reader to entertain might be fulfilled.

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There's a Kirsch Rod for every Draping Purpose

Kirsch CURTAIN RODS come single, double or triple, for any draping effect; extension style, or cut-to-length, to fit any kind of window.

The FLAT SHAPE prevents sagging and insures neat, effective appearance of drapes. It's particularly easy to slide the curtains on the rod and attach or detach the rods from the brackets—done by merely tilting—yet the rods never come down accidentally.

The Velvetshone Brass or Velvetshone White finish is guaranteed not to rust or tarnish.

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Kirsch Mfg. Co. of Canada Ltd., 457 Tecumseh St., Woodstock, Ontario.

Our Seventh Annual Edition pictures window treatments for every room in colors, with the practical information you want as to materials, rods, color schemes, etc. Gladly mailed free on request.

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This is a practical book for the expert as well as the novice. It treats of furniture of the English, American Colonial and Post Colonial and principal French periods. The different articles of furniture listed in common use, during each period are fully described and illustrated. Dates, reign, wood employed are given. With extra chapters on arrangement and furnishing and special advice to buyers.

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Necessary in every automobile

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Pyrene SAVES 15% on your auto fire insurance premium

THE FURNITURE
the BROTHERS ADAMS

(Continued from page 78)

husk, flower and fruit, scroll, mask, oval, fan and ribbon; animals' heads, like those of Colonial days; legs and paws; painting, gilding, painted medallions and panels; carving in low relief; carving, upholstery. Mounts of our manners, such as accurate surroundings. Low-lounging, is inconceivable. No ordinary furniture.

When we recall that Adam sedan chairs, Adam's lines sing in mind:

"The Ladies James's go swing play"—and we catch the flirt through the with lacquered chair- scents of the lover offers by "One great feast success achieved. Brothers Adams ing to Mr. Eben that they deem tall too trivial their personal and care. They their duty and not only to des but to supervise interior decoration did not regard aion as complete they had design furniture, super- making and with placing in the they had planned Mr. and Mrs. Gould"
you are building or re-decorating, so please tell us your decorative motif of selection—according to particular specifications, this work out harmonious schemes, or order a sample to harmonize with your surroundings. That is the Homelike Touch.

Leavens furnishing is Decorated or Colonial—your choice reflects your own personal taste. There is no extra charge for obtaining complete information.

Take a Whiteland RADIO along with you!

Here the Braniff scores, the latest market prices, advertisements and the famous stamps in the back of the magazine, on the trail, on the water, everywhere—everything is within your reach. Now the Everything portable machine has been eliminated. Everything at the Braniff. Full directions in the manual with every set.

The Whiteland Portable Radio Set is simulated equipment designed for illustration, the Braniff Radio Rehearsal Set. Operates on ordinary dry batteries, improved while Radio Rehearsal Set. Operates on ordinary dry batteries, improved while Radio Rehearsal Set. Operates on ordinary dry batteries, improved while Radio Rehearsal Set.

Yes, this is a station pioneer, built to express the utmost in sound quality and beauty and finish. The price is made possible by the design direct from the manufacturer's profit. This set will be sent to you anywhere upon receipt of check or money order for $10.95. Fully Guaranteed: If you are not fully satisfied with the Whiteland Portable during the first month you have it, you may return it and your money will be refunded. No strings attached.

Get a Whiteland RADIO all the time you need it, anywhere, everywhere—connect it to the nearest electrical outlet. Uniform Heat Day and Night Without Worry. Automatic regulator saves 20% on coal and assures a steady supply. No costly freeze-ups and repairs. Cheaper to operate than street car fare. Every size proved a success.

And— with the complete mantel you buy Leavens furnishings, your decorative motif of selection, or order a sample to harmonize with your surroundings. That is the Homelike Touch.

Drive In and Out of a Warm Garage

All Winter

Enjoy the same comfort that tens of thousands did with their "Wasco" Systems during the past long drawn-out winter. Because of the patented automatic regulation, no matter how cold the night, your garage is always warm—your car, warm and dry, ready to start. The "Wasco" Regulates Itself All Winter Without Attention.

You only put on a little coal once a day. You DON'T touch the drafts. NOT connected to city water. One filling lasts a season. Shipped all-built and set up by any handy man. All cast iron hot water heater and radiators. Uniform Heat Day and Night Without Worry. Automatic regulator saves 20% on coal and assures a steady supply of safe hot water heat, preventing costly freeze-ups and repair bills. Cheaper to operate than street car fare. Every size a proved success.

Write today for Catalog and price list.

W. A. Schlett Mfg. Co., Inc.
320 Eastwood Station, Syracuse, N. Y.

Some good territory open for live distribution.

This comprises our "Regular Package" which is made as follows and mailed postpaid: PAPER: National Bank blue ink. The American Stationery is gold by the exchange of a specimen. To meet the urgent need for such stationery we originated—eight years ago—the printed single-sheet type of note paper which has been taken up so enthusiastically in the country's better homes. The original sheet—American Stationery—is characterized by a sterling quality that is worthy of a place on the finest desks. It is neatly and accurately printed. It is made up and delivered with sharp promptness. And, because of our unique production methods, it is incredibly low in price. Send for a package printed with your name and address and learn how excellent an informal stationery can be.

A Garden that Smiles
All Summer Long

MIDSUMMER usually finds the garden almost destitute of color, unless special plans have been made to tide over this time of dullness.

Years ago Hicks Nurseries adopted the motto of "Planting all the time to save time." We know that you do not want to wait several months for things to grow, so we inaugurated

Hicks Plantateria

where you can find perennials and annuals, roses and vines, growing in pots; these can be carried away to brighten with gay colors the dull spots in your garden. Some plants are grown in clumps that can be lifted easily and transplanted without danger of loss. This new Hicks plan, and the available plants, is explained on page 47 of

Home Landscapes

A new book just revised by Mr. Henry Hicks. It covers the broad subject of trees, shrubs, hardy plants and fruits, in a fascinating fashion. Several paintings by Miss Amy Cross and Walt Huber add to the artistic value of this new edition. A copy will be mailed on request.

HICKS NURSERIES

Box H, Westbury, Long Island, New York
During the blooming season I spend hours and days in my field of Irises, selecting and crossing the most promising varieties in an effort to secure worthy seedlings. To the score or more varieties that I have introduced and that are accepted as “standard” by Iris growers everywhere I am happy to add these

Masterpieces of the Garden


Sea Gull. Standards white, dome-shaped; falls white, faintly shaded blue and netted with narrow blue lines or veins. Height 2 feet. Each $3.


One plant of each of these four varieties for $12

Better Plants—By Farr

features the Irises and Peonies that have been rated at 6 points or more by the American Iris Society and the American Peony Society; perennials for fall planting, new hybrid Lilacs, Philadelphus, Dendranthema and other shrubs are also included. A copy will be sent on request.

BERTRAND H. FARR
Wyomissing Nurseries Co.
106 Garfield Avenue Wyomissing, Pa.

Lovely Californian Bulbs

I offer these native bulbs in an exquisite little catalog that you will thoroughly enjoy. It is yours for the asking.

Throughout the East these rare Dog's Tooth Violets (or as they are prettily called where they grow wild, "Deer Tongue Lilies") grow as well as they would here. The same is true of Camassias, Trilliums, some of our Lilies and the Lady Slippers.

Purdy's Hardy Perennial Plants from All Over the World

is the title of my other catalog—one of the most useful books published. You will keep it for reference. Here are some of the things which seem to be most in demand:

Iris. My collection includes the very best of the new high priced sorts; also the best of the older sorts at prices anyone can afford.

Phlox. Not so many, but very fine plants of the best sorts.

Michaelmas Daisies. My assortment far surpasses any other American offering. It includes the finest recently introduced sorts from England.

Hellebores or Christmas Roses. I offer a number of good varieties this year, while next year’s offering will be a rare new collection of the finest varieties ever put before the gardening public.

Oriental Poppies. Strong plants of fine sorts and a number of new super-sorts.

My collection of perennials includes a host of rare plants, and varieties for every garden use.

Forty years' export business has taught me how to pack for long distance shipments. I guarantee safe arrival. Catalogs free on application to

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Delphinium Time

EVERY gardener loves the stately Delphinium or Larkspur. No other perennial lends itself more readily to picturesque grouping and enchanting garden effects. Few other plants reward more lavishly the care and interest of the grower.

Now, while they are in bloom you can more readily sense their infinite beauty and choose your particular favorites—or perhaps leave the choice to us.

We have a particularly fine stock of strong field grown plants for delivery this fall. These will afford you a wealth of bloom from June to October.

As the supply of plants is limited early ordering is advisable.

Choice Selected Hybrids

Belladonna, Light Blue $2.50 per doz.
Belladonna, Dark Blue—white eye 3.00  
Named varieties—50c each 5.00

Our catalogue lists the choicest selection of hardy perennials, many of which are excellent planted in contrast with Delphinium.

Outpost Nurseries

DANBURY ROAD, RIDGEFIELD, CONN.
This Perpetual Rose Garden Is For Sale

To own it, is quite like buying a hat. You leave the order to “send it up,” and then leave all the rest to us. We will take care of all the building botherments, and turn over to you a complete greenhouse all ready for your perpetual rose garden. Always — the year around — you can have an abundance of roses and other flowers. Flowers by the armful — yours for the picking.

Most of the materials of which it is built were bought at last Fall’s low prices. You get the full benefit of that saving. Thirty days after we have your order, the house will be delivered. Shall we drop around, and talk it over?

A MODEL KITCHEN
and
SOME NEW EQUIPMENT

The lid of this white enameled can may be lifted by pressing the foot lever. Hygeia Can Co.

A portable electric mixer, called “Whip-All,” for egg white, cream, puddings and beverages.
DREER’S
Midsummer Catalogue

A 56-page book offering a complete line of seasonal Seeds, Plants, Bulbs, and Sundries, including:

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This is a good time to sow these to produce strong, vigorous plants for next year’s blooming. This is also the ideal time to sow such things as Daisies, Pansies, Wallflowers, also such favorite greenhouse flowering plants as Cinerarias, Primroses, etc.

Vegetable and Agricultural Seeds
A complete list of the best kinds that can be sown at this time of year.

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We offer a splendid selection of the most luscious perfect-flowering sorts, which, if set out now, will produce a full crop of fruit next June.

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We offer a really select line of Hyacinths, Tulips, Narcissus, Crocus, Lilies, Snowdrops, etc. Order now and they will be sent on arrival from Europe and elsewhere.

Garden Requisites of every sort
The most approved garden tools and implements:—Lawn Mowers, Lawn Sprinklers, Rubber Hose, etc.; the most effective Insecticides and Fungicides, Fertilizers, etc.

Don’t Miss this Chance
If by any chance you overlooked the opportunity to buy Schling’s Quality Bulbs at the import prices offered in June and July, we have good news for you!

Although some of the stocks are now exhausted we are still able to offer a limited number of the collections listed below at these Truly Remarkable Prices!

- 100 Darwin Tulips, finest assortment $3.50
- 100 Breeder ("Art") Tulips, finest assortment 4.50
- 100 Single Early Tulips, finest assortment 3.50
- 100 Double Early Tulips, finest assortment 4.50
- 100 Parrot or Dragon Tulips, finest assortment 5.00
- 100 Hyacinths, Red, White, Blue, or assorted 6.00
- 100 Daffodils, Double Varieties 7.00
- 100 Daffodils, Large Trumpets 7.50
- 100 Poets Narcissi 8.00
- 100 Crocus, Finest Assorted 8.00

Total Value $43.50

Special Offer Above Collection of 1000 Choicest Bulbs..... $32.00
(Or 500 at $20.00)

Shipped in May and June. All to nest bloom in April and May—the Crocus earliest of all, as soon as the snow melts.

N. B. No orders accepted at these prices later than August 1st. Bulbs will be delivered in September, or will be delivered from Holland.

H. W. DREER

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GALLOWAY
Pottery

Gives the Essential Touch

A Bird Bath will make a delightful spot in your garden bringing the birds with their merry note. Vases and shapely Jars form charming contrasts in nature's setting.

Our collection of enduring Terra Cottas also includes Flower Pots, Boxes, Fountains, Sun Dials, Gazing Globes, Benches and other interesting accessories for the garden, sun room and house.

A catalogue illustrating 300 number will be sent upon receipt of 20¢ in stamps.

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8 Walnut Street. Philadelphia.
Add a Greenhouse and Make a Better Home

Roses of great chrysanthemums, golden oranges, mid-banks of verdure, gorgeous polyanthas and fascinating crotons can be the mid-winter joy of thousands of homes and also many apartment building roofs, at comparatively small expenses.

Include in your new building or remodeling plans a conservatory, small or large, according to your means, detached or attached to the house. You will be surprised how much the low cost will increase values and add to life the joy of beauty and nature's sunshine.

Of course, you will want the better glass, that is provided by leading greenhouse designers, and made by the American Window Glass Company. It is special machine-made and of greater tensile strength, perfectly annealed and with that clarity and evenness so necessary to successful plant culture, of the same high quality that distinguishes the window glass made by the same company from ordinary glass. Our elliptical trade mark is on every box of the genuine.

AMERICAN WINDOW GLASS CO
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BRANCHES IN PRINCIPAL CITIES

Do You Know
What is Lacking in Your Flower Garden?

HAVE you a continuous supply of flowers in your home during the winter months?

Let us solve your problem of growing your special bulb collection. Our bulbs are suitable for indoor and outdoor growing, a parent plus or offset paid. All bulbs are of great quality, from nurseries in the United States and Holland.

The Bulbs will be sent during the month of November, and do you want them ready for planting in your flower garden?

Our Bulb Catalogue is free on request.

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Producers of plants that grow and bloom
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“Little Wonder” Hedge Trimmer
with Lawn-Clipping Attachment

This new, wonderful device makes hedge trimming a pleasure. Trims any shape hedge, even more and 5 to 10 times faster than the old, hard-hand-shears method.

Saves Time, Labor, Money

In use on thousands of estates, homes and institutional grounds. Strong, durable and perfect in operation. Equipped with lawn clipping attachment it becomes doubly valuable to every owner who wants his lawn and flowerbeds looking neat and even. Easy to use, saves time and labor.

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How to Order

For orders received before December 1st, we will ship bulbs without custome. Write for catalogue and testimonials.

DETECO MFG. COMPANY
(Formerly John C. Detra Machine Co.)
DEPOT 2
OKLAHOMA CITY, OKLAHOMA

Add a Greenhouse and Make a Better Home

Roses of great chrysanthemums, golden oranges, mid-banks of verdure, gorgeous polyanthas and fascinating crotons can be the mid-winter joy of thousands of homes and also many apartment building roofs, at comparatively small expenses.

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This new, wonderful device makes hedge trimming a pleasure. Trims any shape hedge, even more and 5 to 10 times faster than the old, hard-hand-shears method.

Saves Time, Labor, Money

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The Brand Peonies

Originated by O. F. Brand & Son

America's Foremost Hybridizers of the Peony

New Brand Peony Mrs. Archie M. Brand

the twenty-two Peonies receiving the highest rating by the American Society, forty, or nearly 20%, were produced by us. Our new creations, in our fields this year by thousands of visitors, are even of a higher excellence than our earlier productions. Are you interested in Peonies of the highest type of excellence, that will give you the greatest pleasure and satisfaction to grow in your own garden, you by all means, get our beautiful new catalog and see our offerings before an order.

Brand Peony Farms, Box 20, Faribault, Minn.

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