"Standard" PLUMBING FIXTURES
Pittsburgh
This Colonial Home, fitting any location, built of Bishopric Stucco Over Bishopric Base will give you the greatest possible return in comfort and satisfaction. Real living comfort summer and winter, minimum fuel bills, resistance to change of temperature, —all depend absolutely upon the wall construction of your home.

With Bishopric Sheathing and Insulation, and with Plaster Base on the interior walls, and with Bishopric Stucco over Bishopric Base on the exterior walls, such a house sends you forth in the morning to toil that seems light, and invites you back when the day is done where you can sleep sound by night, shut in from all the world without.

We want you to know about BISHOPRIC as building material: What it is, what it can do for you in these days of high building costs. Send for "All Time and Clime", 44 pages of pictures, text, diagrams and information. Our compliments.

(Sold by Dealers Everywhere)

THE BISHOPRIC MANUFACTURING COMPANY
642 Este Avenue, CINCINNATI, OHIO

New York City Office: 2848 GRAND CENTRAL TERMINAL
Factories: Cincinnati, Ohio and Ottawa, Canada
DeJon
Starting, Lighting and Ignition System

is created for those builders of fine motor cars who seek to give their clientele the highest degree of perfection. Tests made by one of the foremost builders show, among other DeJon superiorities, a saving of 100 amperes in the cranking current, an increase in the cranking speed and a much higher starting torque.

DeJON ELECTRIC CORPORATION
Builders Ignition Technique
POUGHKEEPSIE, NEW YORK

The STARTING MOTOR
INTO the Studebaker Big Six five-passenger Coupe have gone, without compromise or stint, the finest design, materials, workmanship and the best of Studebaker’s 71 years’ experience.

Nothing has been left undone to make this big, roomy coupe as fine an enclosed car as can be built.

Certainly no car performs more brilliantly or is more reliable. None possesses greater beauty or is more luxuriously comfortable. None is more enjoyable to drive—and no other make of car is more completely equipped.

You will appreciate the generous roominess of this Big Six Coupe, its sterling quality of body and chassis and its wealth of refinements—including the large trunk; extra disc wheel complete with tire, tube and tire cover; handsome nickel-plated bumpers, front and rear; courtesy light; motometer; flower vase; clock; aluminum-bound running boards with corrugated rubber mats and step pads; rear-view mirror, automatic windshield cleaner, glare-proof glass visor, and many others.

The Big Six Coupe offers every requisite for lasting satisfaction—yet its purchase price is only half, perhaps, what you would have to pay for any other make of car of comparable quality. This is due to Studebaker’s large production of three six-cylinder models with only one manufacturing expense.

Studebaker has been building quality vehicles for more than two generations. The name Studebaker stands for quality, durability, comfort and integrity.

**MODELS AND PRICES—f.o.b. U.S. factories**

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**Prices Subject to Change Without Notice**

STUDEBAKER

Detroit, Michigan South Bend, Indiana Walkerville, Canada

Address all Correspondence to South Bend

THIS IS A STUDEBAKER YEAR
Why Architects, Contractors and Dealers Recommend

Andersen FRAMES

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 52. 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.

A Complete Frame Nailed Up in Ten Minutes

When you get a window frame that can be nailed up in 10 minutes, then you are really saving money. That's all the time it takes to assemble an Andersen Frame.

Each Andersen Frame is shipped in two compact bundles containing only 7 units, complete with pockets and pulleys in place. Carpenters need not sort out many small parts or replace lost or broken pieces. By simply nailing together the few units they have a complete and accurate frame.

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Send For Complete Information

Write and let us explain the other advantages of Andersen Standard Frames. Just 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-7
Bayport, Minnesota
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When you think of building a home it would be well to inquire about the many advantages that Indiana Limestone presents as a building material. Home builders who are striving after the beautiful in architecture are using the Variegated Indiana Limestone, which gives from the first an antique effect very much the same as that so much admired in the old English manors and cottages. Indiana Limestone, too, is the most suitable stone for garden statuary and furniture, sundials, bird-baths and all outdoor stone work, because it is adaptable to sculptural treatment and weathers beautifully. This natural stone is shipped all over the United States and is used in many localities in preference to local stones on the basis of merit alone. There is no other building stone that is more permanent or as beautiful in appearance in the finished building, and none so low in cost.

An Indiana Limestone bird-bath

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 F-78, Bedford, Indiana.
These are the Phantom Hands of a thousand immortal pianists; their glorious genius preserved forever, through the miracle of Welte-Mignon reproduction.

For Summer Music—a Marvelous Reproducing Piano

What season so fully expresses the spirit of music as summer? The rolling thunder is an overture; the pattering rain a nocturne; the whispering breeze a pastoral.

In the living room of your country place, a Reproducing Piano equipped with the Welte-Mignon will bring to you the music of the world, interpreted by the immortal pianists of the past and present generations.

In effect, you have as your guests such masters as Paderewski, Hofmann, Grieg, Dohnanyi, Ganz or Lhevinne, to play for you at any time—at your command. The Welte-Mignon reproduces their playing not merely approximately, but exactly as they played when they made the master record.

You can have practically your choice of instrument equipped with the Welte-Mignon for this artistic mechanism is being built into nearly every prominent make of piano, both upright and grand.

Words cannot describe the artistic accomplishment of the Welte-Mignon. You can appreciate its musical importance only by hearing it. Visit a nearby dealer today. He will be pleased to demonstrate its wonderful capabilities.

An interesting brochure concerning the Welte-Mignon and the names of dealers in your vicinity will be mailed upon request to the Auto Pneumatic Action Co., 649 West 51st Street, New York.

Welte-Mignon

Hear it—in comparison. There's a nearby dealer

The Welte-Mignon is an electrically impelled mechanism, which when built into a piano, either upright or grand, plays the instrument in exactly the same way that some talented musician played when he made the master record. It is practically invisible and does not interfere with manual playing. It is obtainable in nearly every prominent make of piano, a few of which are listed below:

Baldwin Hardman Krakauer Kurtzmann Mehlin & Sons Sohmer
Bush & Lane Ivers & Pond Kranich & Bach Mathushek Poole Stieff

The Welte-Mignon is LICENSED under the original Welte patents.
Where men select
their own environment

BACK of its evident beauty, there are big fundamental reasons why Genuine Mahogany is the selected wood— for furniture and interior trim— where men live the greater portion of their daily lives.

First is the thought of restfulness. No wood offers such a wealth of quiet beauty as does Genuine Mahogany.

Then there is the thought of true economy— the spending of money wisely. Genuine Mahogany bears an initial cost but a fraction above the other less beautiful cabinet woods, while ultimately no wood offers as great an economy. Its freedom from checking, shrinkage, twist or warping, keeps repair bills at a minimum and increases the value of the investment where possible resale or rental must be considered.

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The Mahogany Association has nothing to sell. It offers a confidential, centralized bureau to which you may write in regard to any matter concerning Mahogany. Your inquiry will never be used as the basis of sales solicitation.

after all— there's nothing like

MAHOGANY

MAHOGANY ASSOCIATION, Inc.  1133 BROADWAY, NEW YORK
Bring in the outdoors

LET nature decorate your home. Make the lovely vistas and panoramas of the great outdoors a part of your decorative scheme. Framed in the oak, walnut, mahogany or white enamel of your woodwork and glazed with Plate Glass, there is no more inviting picture.

Plate Glass preserves the original beauty of nature’s pictures without the distortions of common sheet glass. It is as clear as the open air itself, yet serves the purpose of a perfect protection from the elements.

Plate Glass makes all the difference in the world in the appearance of the house, from both the outside and the inside. Yet the difference in cost between Plate Glass and common sheet glass is surprisingly small.

PLATE GLASS MANUFACTURERS of AMERICA

Genuine PLATE GLASS

Nothing Else is Like it
DO YOU sleep soundly? And awaken fresh, vigorous, full of energy for all the crowded day may ask of you? Or do you only think your sleep is what it should be? Either way, there are deeper levels of slumber waiting to be tapped by you. Until you know by experience the grateful comfort of The Purple Label mattress, you cannot guess how quickly its cradling luxury relieves weary bodies and soothes overtaxed brains and nerves.

For many years, Purple Label mattresses have been in use by scores of metropolitan clubs and great hotels whose standard of comfort is the best always—at any price. Ten, twelve and fifteen years of superlative service have proved them economical as well. See The Purple Label at your dealer's. Judge its comfort and value for yourself. Write for "Restful Bedrooms" to the Simmons Company, 1347 S. Michigan Avenue, Chicago.

SIMMONS Mattresses • Springs • Beds BUILT FOR SLEEP
THE Fisk Flat-Tread Cord is less subject to trouble than any cord of usual construction made to standard dimensions.

The broad flat tread gives 35 percent greater road contact — which means quicker, surer traction and a longer life for the tread.

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Ask your dealer to show you this amazing tire.

There's a Fisk Tire of extra value for every car, truck or speed wagon.
The New PHAETON REO
Powered with the Famous REO 6-Cyl. Engine

CHARACTER, finely expressed by clean, graceful lines;—comfort, generously supplied by lounge-like seats and backs;—riding ease, definitely assured by long gently-flexible springs and ample wheelbase;—completeness, truly indicated by a vanity case, cigar lighter, electric clock, tonneau light and other appointments,—

The New Phaeton Reo is the marked success of the season's open models,—a supreme achievement in open car completeness.

A consistently performing six-cylinder engine makes fifty horsepower instantly available. Intake valves in head, a four-bearing crankshaft, positive cooling and lubrication, ground cylinders and aluminum alloy pistons contribute to a flexibility-range of from one to sixty miles per hour.

Chassis ruggedness is enhanced by the inner-frame mounting of power units,—by a 13-plate clutch, an amidship-mounted transmission with large-faced, case-hardened gears, and a sturdily designed, silently efficient rear axle.

REO MOTOR CAR COMPANY Lansing, Mich.

"Write for Booklet "Reasons for Reo""

$1645
At Lansing, add "Federal Tax"
Fenestra Basement Windows are:

Always Easy to Operate—You know how damp weather interferes with the operation of ordinary basement windows. But dampness never affects Fenestra. Fenestra Windows, with their bars of solid steel, cannot warp nor stick. They're always easy to open and just as easy to close.

Strong and Long-lived—Of course. Fenestra Basement Windows are more durable. They cannot rot or decay. Coal or wood deliveries do not interfere with their perfect operation.

Far More Attractive—Look for Fenestra Basement Windows in the homes recently built or now being built in your locality. Notice how Fenestra's slender bars and broader panes add to the appearance of the lower part of the house. See if you don't think they make the whole house more attractive.

An Added Protection—With their bars of solid steel and positive locking device, Fenestra Windows provide an effective barrier against outside intruders. And, as you can readily see, Fenestra steel construction adds one more element of fire-protection to the home.

Easily Screened—No trouble in screening Fenestra Windows. Two screw holes are provided on each side of the frame so that screens can be easily fitted to the outside and secured from the inside.

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Build a Usable Basement in Your New Home

Be sure that your new home is equipped with Fenestra Basement Windows. Then you'll have a basement that's really usable. There'll be light a-plenty around your work bench, in the laundry, in the coal bin, near the furnace—everywhere. There'll be no dark and dangerous places on the stairway. Flooded with natural light and pure, fresh air in abundance, the Fenestra Daylighted Basement is a truly livable basement.

That's because Fenestra Basement Windows, with their narrower steel bars, broader panes and larger openings, admit 80% more light and far more air. They make the basement as bright and healthful and usable as the rooms upstairs.

DETROIT STEEL PRODUCTS COMPANY, 2613 E. Grand Boulevard, DETROIT
For Canada: Canadian Metal Window & Steel Products, Ltd., 160 Rice St., Toronto

Fenestra
BASEMENT WINDOWS

The name of the ORIGINAL steel Window.
The symbol of superior QUALITY in material, patented design, workmanship and service.
We have seen houses that have grown old before their time — houses out of plumb — boards pulled away from their nailings — floors sagged — these are the almost certain results of poor materials."

— Robert Taylor Jones
Technical Director, The Architects' Small House Service Bureau, Northwestern Division, Inc., Minneapolis, Minn.

Long-Bell trademarked Lumber identifies not only dependability but economical dependability to builders of homes — cottage and mansion alike.

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Every one planning a home and every one now building a home should be interested in our new non-technical booklet, "Saving Home Construction Costs" — a valuable contribution to building information. Send for your copy.
"Ours was the only house that didn’t have them
— and everyone tells me how much they save in household work, fuel and damage to decorations."

You will really be surprised at how little it costs to equip your home or business building with Chamberlin Metal Weather Strips. They add so much to comfort, cleanliness and household economy. Keep out dirt, dust, soot and smoke. Protect hangings, furnishings and decorations. Exclude street noises. Stop rattling of doors and windows. Children are safe from cold air currents. No cold spots. No chill draughts to drive you from the bright places around the windows. And they save 25% to 40% on fuel.

Chamberlin’s own experts plan, fit and install all Chamberlin weather strips. It is specialized work. Just any "good mechanic" cannot do it properly.

That is why Chamberlin maintains a nation-wide service organization. That is why Chamberlin guarantees its installations for the life of any building. Any need for service, no matter how many years hence, is cheerfully attended.

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. Send the coupon.

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

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Send the Coupon
Good Building's Deserve Good Hardware

"How do you like that!"

"Going to be a good-looking door, isn't it?"

"A good working door too—don't forget that!"

There is real comfort in living in a house where the hardware "takes an interest". Doors properly hung on Corbin butts or hinges swing smoothly, and will do so as long as the building lasts.

Doors equipped with Corbin locks open willingly and close securely. Just notice the reassuring little "click" that says "CLOSED".

Doors controlled by the Corbin Door Check never slam, and are never ajar unless you want them open.

Corbin hardware behaves well in all kinds of company and under all conditions. It helps rather than hinders. It wouldn't irritate for the world.

Put good hardware on your front door—and on every door and window in your house. Good buildings deserve good hardware.

Write for illustrated booklet, "Good Buildlings Deserve Good Hardware"

P. & F. CORBIN NEW BRITAIN, CONNECTICUT
The American Hardware Corporation, Successor
NEW YORK CHICAGO PHILADELPHIA
A touch of a damp cloth! —
and Fairfacts fixtures are clean

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A charming little booklet "The Perfect Bathroom" has been prepared explaining and illustrating the wide variety of Fairfacts Built-in Fixtures . . . including various models and sizes of soap dishes . . . tumbler holders . . . toothbrush holders . . . towel racks . . . shelves . . . paper holders (both for sheets and rolls) . . . sponge holders . . . safety grips . . . and many combinations that add the last touch to your comfort and luxury. It is yours for the asking. Write for it today to The Fairfacts Company, Inc., Dept. D. 234-236 West 14th Street, New York City.
July, 1923

O

You will enjoy reading "The Overlooked Beauty Spots in Your Home"—a profusely illustrated booklet which we are sending to all who request it.

No scheme of decoration can be successfully employed without oak floors to serve as a ground color.

The one touch of refinement essential to every well planned home.

It is fortunate that oak floors are not a high priced luxury, but economy is the least important feature in the use of this everlasting wood. It was not economy or durability that led the French nobility to select oak. Neither was it a factor with our colonial forebears. Oak was chosen for flooring because in no other way could a scheme of decoration be successfully and worthily employed that would harmonize with the exquisite taste displayed in the appointments of their chambers.

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For happiest results specify Perfection Brand Oak Flooring when you plan your new home, or remodel your present dwelling. In Perfection you will find a beauty of grain and uniformity of texture that will assure you of a perfect floor.

If the leading lumber dealer does not carry Perfection, write us and we will give you the address of one near you.

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ARKANSAS OAK FLOORING COMPANY
PINE BLUFF, ARK.

PERFECTION

Brand Oak Flooring
Plan a Fire-safe Home of Enduring Beauty

Fortune smiles on those who plan a home. The freedom of it—the pride of possession—the privacy, comfort and economy of living, under your own roof quickens the pace of achievement and multiplies the joys of existence.

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This is now easily possible. Build the home of Concrete units finished with Portland cement stucco. Concrete brings its abundant strength to a new union of old materials; stucco made with Portland cement adds charm and refinement—humanizing this strength with warm lines, soft tones and pleasing finish. This combination of materials makes a home that is weather-proof, fire-safe and maintenance-free at near the cost of ordinary construction.

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Copy of book sent promptly on request.


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These houses are made in sections, finished to the last detail, painted and firmly bolted together. Hodgson Houses may be erected in a few hours with unskilled labor.

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HODGSON HOUSES
Portable Houses

Trained in Service

Those who demand unobstructed and dependable service, appreciate Leader Water Systems. They are complete units developed by Leader-Trahern engineers in 20 years' experience. To eliminate annoying noise, mechanical efficiency has been their aim. Some of the finest estates in the East are Leader served. Whether your water problem is to be consulted Leader Engineers is good insurance that obliges you in no way.

Leader Tanks and Equipment for water, air and oil. Experienced water supply men wanted.

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Questions: Kindly send me information on water systems for country homes.

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—for Smart—Country Places

Woven Wood Fencing gives your place a continental touch and in addition, more privacy, a rustic effect, and a distinguished appearance—all at an insured cost.

Woven Wood Fencing is made by hand in France from five chestnut slats woven together with wire, reinforced on the back with horizontal wooden strips, in sections, ready to erect. No paint required. Sharpened pockets repel trespassers. Let us tell you how it will solve the problem of noise or dust from the highway—or how Woven Wood Fencing protects your garden from winds and storms. Prices on request. Write to

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Contains 400 illustrations of special flower types, plans and suggestions for landscape work, a complete gardener's calendar of the year's activities, planting and spraying tables, and a portfolio of beautiful gardens in various sections of the United States. 127 pages, 85 post paid
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You get Sheetrock all ready for use. The carpenter nails it to the joists or studding. The result is an easily built, quickly erected and flat-surfaced wall that takes any decoration—wallpaper, paint or panels.

Ask your lumber dealer or your dealer in builders' supplies for Sheetrock. Write to us for a sample and a free copy of "Walls of Worth," the booklet that pictures the qualities and uses of Sheetrock.

UNITED STATES GYPSUM COMPANY, General Offices: 207 West Monroe Street, Chicago
World's Largest Producers of Gypsum Products

Sheetrock is approved by The Underwriters' Laboratories, Inc.
Textured walls of CRAFTTEX chosen as model for individual home


In order to enhance the beauty of a charming breakfast porch, to catch and reflect the first rays of the morning sunlight, the Jordan Marsh Company wisely selected Craftex Textured wall finish which formed an artistic and fitting background for the dull black and gold of painted furniture and the sheen of English chintz. From a single pail of Craftex it is possible for the painter to produce an unlimited variety of textured finishes without changing the original mixture. These textures range from a modest stippled effect to a rugged troweled plaster.

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"Home Kraft" and "Draughtsman" each contain Bungalows and Two Stories. "Plan Kraft" Two Stories. "Kozy Homes" Bungalows. $1.00 each—all four for $3.00. De Luxe Flats $1.00.

DE LUXE BUILDING CO.
32 UNION LEAGUE BLDG.
LOS ANGELES, CALIF.

Hang Your Shoes on a Neatway

A closet shoe-rack that takes the place of shoe bags, boxes, drawers, shelves and other make-shifts. Endorsed and specified by leading Architects.

Get a set today for each of your closet doors.

At Your Dealer's or Direct

Black Enamel, Nickel or Bronze: set of three, $4.50; two, $3.50; one, $1.50
Hand Painted design on black enamel; set of three, $7.00; two, $5.00; one, $2.00

West of Rockies and Canada, 10¢ extra per each. Dept. 11 B

NeatwayCo

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First there is the solid comfort of a house well heated, well ventilated—pure fresh air that contains exactly the right amount of moisture. Then, there is the comfort of mind that goes with surprisingly small coal bills. The reason for both kinds of comfort is found in the unique and scientific construction of the Kelsey Warm Air Generator, totally different from any other heater, with its efficient zig-zag heating tubes and its automatic humidifier.

It will pay you to investigate the Kelsey, and we shall be glad to send you "Kelsey Achievements" and any other information you may desire.

New York Office:
36-K Fifth Avenue
(Cor. 46th St.)

Boston Office:
465-K P. O. Bldg

The Kelsey
WARM AIR GENERATOR
237 James St., Syracuse, N. Y.
Brockville, Can.
Canada Foundries & Forgings, Ltd.
Like Dining Out-of-Doors

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Multifold Window Hardware

Thus the dining room may be thrown wide open to the gentle, cooling breeze, affording all the comforts of outdoor dining while retaining the conveniences of the indoor dining room.

Air-Way provides a weather-tight window which slides and folds inside, leaving a wide, unobstructed opening. If desired, Air-Way windows may be partially opened for ventilation at any point. Easy to operate—no interference from screens and drapes. Ideal for sun rooms and sleeping porches, as well as bedrooms, living rooms and kitchens.

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Open this spring

The trip of the year is to Quebec. By motor or railway. At journey’s end,—history... Quebec is the romance city of America,—still romantic. Its Normandy streets and houses are just as the French built them 300 years ago. Its ramparts,—where Wolfe stormed them 160 years ago... But its Chateau Frontenac is now Greater Chateau Frontenac. Those famous turrets are now dominated by a colossal tower. That famous hospitality is now being augmented by new restaurants, cafe, club-lounge, ball-room, 350 rooms with bath. Greater Chateau Frontenac goes back to the glories of medieval France. It comes up to the luxuries of present-day America... Arrange for your trip now. Information and reservations at Canadian Pacific In New York, 344 Madison Avenue. In Chicago, 140 So. Clark Street. Or, Chateau Frontenac, Quebec, Canada.
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the World's Largest Ship

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THERE is a strange theory, held by some, that magazines are read less in summer than in winter. We used to believe it until we watched a girl recently. She was stretched out on a wicker chaise longue beneath a broad awning on the upper porch of a country house. The distant hills were lush green. The border that edged the lawn below the porch was colorful with iris and peonies and clouds of forget-me-nots. We left her there and went away. Two hours later we came back. She threw down the issue with, "There! I've read your darned magazine from cover to cover, including all the advertisements."

"And haven't you read the advertisements before?" we asked.

"Some, but not all. In winter I rarely have the leisure to read an issue through from cover to cover. I dip and pick and choose, but in summer—"

"'Enough!' we cried, and rushed off to write this answer to those who think that people don't read magazines in summer.

Why shouldn't they read them in summer? There is just as much time, in fact, more time, because the wise ones take their work lightly in the relaxful days of summer.

For years now we have tried to make our summer issues sparkle and snap with interest. And have they brought results? They have. Summer shows no slackening in the problems that confront the Information Service. And that is logical, because problems arise, things must be purchased and life must go on in the house and the garden just as much in summer as they do in winter.

This next issue, for example. Quite a lively number it will be. What to expect in it you will find noted on the Bulletin Board on page 35. We hope that over a hundred thousand men and women will stretch out comfortably on shaded porches, and read it from cover to cover, including the advertisements. Our only fear is lest the advertising pages prove more tempting than the editorial. In these days of superb advertising copy, the editor has to keep constantly on the jump to maintain his place; in fact, there are times when we feel tempted to agree with Mr. Kipling, who once said that the advertising pages of American magazines furnished better reading than the editorial.

However, you can claim the hammock on July 25th, when this August issue reaches you.

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<td>64183</td>
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<td>Good-Bye</td>
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<td>Hungarian Rhapsody No. 10 Piano</td>
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<td>Spinning Song Piano</td>
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<td>Danny Boy</td>
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Go to the nearest dealer in Victor products and ask him to play these records for you. They are representative of the great Victor Catalog. You will be thrilled by their music and realize as you never have before your need of such music as the Victrola and Victor Records used together can produce.

Victrola

Look for these trade marks. Under the lid. On the label.

Victor Talking Machine Company, Camden, N.J.
Reading the advance news of the forthcoming features of a magazine should impart the same sort of quiet delight that reading a menu imparts to the palates of those who consider the bill of fare, order what you want—and then sit back and wait in happy expectation.

The calendar for August contains plenty of solid food and a wide range of desserts. Being called "The Household Equipment Number" it has many offerings to tickle the palate of the householder—an article on built-in furniture and conveniences; a three page spread of rooms for children—children from the bails in arms to the boy at school; designs for the perfect kitchen; a survey of the new things that help lighten kitchen and laundry labor; and—quite a new idea—suggestions for furnishing a radio room. In addition to these the decorator will be tempted by the Little Portfolio of Good Interiors, the page of color definitions (do you know what color undergirds is?) and the article on the furniture of William Savery and another on the style of Adam.

This issue appearing in the midst of summer gardening activities the lover of green growing things will find her attention attracted by an article on trees, by an article on the Family of Flowers, on chintz and linen and other fabrics, and an excellent exposition of the remodeling of old frame-houses into livable country homes.

These make a pretty August dish to set before the king of the household! It will be ready on time, absolutely on time!—served hot and fresh from the fire on the 25th of July.

Last winter the Horticultural Societies of Pennsylvania, New York and Massachusetts feeling that horticultural interests of the country may be injured by the introduction each year of hundreds of seedlings under new names which were neither superior to nor distinct from existing varieties, appointed a committee to consider this problem. The Committee met in New York on March 18th and after a thorough discussion of the whole problem passed the following resolution:

"This Committee feels that all horticultural interests are being injured by the introduction each year of hundreds of seedlings under new names which are neither superior to nor distinct from existing sorts; and they believe that this tendency to introduce new things is increasing yearly and constitutes a serious menace to horticulture in this country.

"This Committee believes that the Massachusetts, New York and Pennsylvania Horticultural Societies, being among the oldest and foremost organizations in Horticulture, should take the lead in bringing this state of affairs to the attention of all gardeners, both amateur and professional. It believes that this condition of affairs must be thoroughly understood by the public before a remedy can be found."

The Committee believes that if this resolution is approved and adopted by a number of the leading organizations it will act as a caution and a warning: culture and progress may be...
HALLS in the SMALL HOUSE

Since the area is limited, it is advisable to keep the hallway space in the small house reduced to the necessary minimum so that the rooms may be of good size. This does not necessitate making these hallways mere dark pockets or uninteresting passages. They can be developed, as in this house at Mamaroneck, N. Y., interestingly and unusually.

Heathcote Woolsey was the architect.
PROGRESSIVE BUILDING

Planning a House That Grows is an Intelligent Solution of Today's Building Problem

ALWYN T. COVELL

CONDITIONS that have confronted prospective builders since the war continue to shatter many dreams of the ideal house, and to curtail plans to a point where many people have indefinitely abandoned their building projects as hopeless.

It is an unfortunate situation, and one which has caused the rental, or even the purchase of houses already built, but houses very far from the home owner's mental picture of the home he always meant to have. In countless cases it has been “any port in a storm”—anything with walls and a roof is a house and can be lived in. Most leases have sixty-day-notice clauses empowering the owner to sell, a condition which has driven many harassed country and suburban dwellers to buy houses which they thoroughly disliked, simply to escape the necessity of moving every year.

Unfortunately and unhappy as the situation is, architectural ingenuity has a solution, and the architect is eager to cooperate if the prospective builder will bring to the project, as his share, some degree of patience, imagination and plain intelligence. The logical answer to the present high building cost question is progressive building, or the planning and commencing of a house which will grow through two or even three stages, to be the ideal establishment of the owner's dream.

In other words, if the house you meant to build, before the war, at a cost of ten thousand dollars is now estimated by the best bidder to cost twenty thousand, it might prove an excellent idea to build ten thousand dollars' worth of it to start with, carefully planned so that with a minimum of alteration you can later build five thousand dollars' worth more of it, and still later, perhaps, bring it to triumphal completion with another expenditure of five thousand dollars.

The planning of a house to be built thus, in progressive stages, appeals to the ingenuity which is one of the salient char-
The house that was, with its plans—an example of one of the most ordinary and commonplace varieties of the genus Americanus. It was the architect’s point of departure.

The first and second floor plans of the house that is. The shaded portion indicates the area of the original house, with nothing left but the shell and two interior walls.

The house that is—a place of pleasant domestic feeling, expressing all the simplicity of early Connecticut homes. Cameron Clark, of Clark & Arms, architect of the remodeling.

The answer to this must be found in the psychological complexes peculiar to architects’ clients, to lack of vision and imagination, and most potent of all to the architect’s real interest in the project. It comes from the fact that he is working on a thing which will ultimately be a credit to him, instead of being obliged to expend his efforts on makeshifts and compromises.

There may be some cause for conjecture, then, on the rarity of progressive building projects. Alterations and remodeling are frequently enough seen, especially in this era of high costs for new structures, but in surprisingly few instances do the plans anticipate future additions and developments.

The answer to this must be found in the psychological complexes peculiar to architects' clients, to lack of vision and imagination, and most potent of all to the architectural mind, and the architect's real interest in the project comes from the fact that he is working on a thing which will ultimately be a credit to him, instead of being obliged to expend his efforts on makeshifts and compromises.
The house that will be—a country residence of generous proportions and quaint rambling plan. It is a far departure from the original house, and an expansion of the present house.

Grievous and besetting American weakness of impatience. Our impatience, perhaps, in accomplishing great feats of industrial production and the like, is one of our strong points, but in progressive building impatience is fatal to the proper carrying out of the project. Financiers may deal in futures on the stock market but are profoundly skeptical, or, at best, uninspired, when it comes to dealing in futures in architecture.

Most people are unhappy if they cannot have their entire house all at once, and they more often than not prefer to have a complete house which represents the jettison of every idea they originally wished to see in execution than to wait a few years (Continued on page 116).

The first floor plan of the house that will be is shown with its garden layout, and it is still possible to trace the evolution. This garden designed by Mrs. Clark.

A commodious plan, including three sleeping porches and five baths, has been developed for the house that will be, the shaded indication explained above showing the three-stages in the evolution of the original house.
A tall, stuccoed screen, draped with vines and set with a wall fountain and pool decorated with tiles, forms, with the well designed lattice, the courtyard's fine enclosure.

Cedar poles laid across a pergola frame of ordinary piping make an attractive arbor which shades a section of the paved courtyard next to the house, and leads to a doorway.

A COURTYARD and GARDEN

near Bryn Mawr, Pa.
By giving the swimming pool a beautiful setting, with its pergola, wide turf border and framework of wall and tall evergreens, a garden of distinction has been achieved.

From a niched fountain in the pergola's rear wall a stream of water trickles through a rill in the pavement to the pool. The beam ends strike an original note.

AN ADAPTATION OF THE SPANISH

John Irwin Bright, archt.
COTTAGE GARDENS

The Dooryard Garden Is One of the Few Remaining Expressions of Folk Art Which Show No Sign of Waning

FRANCIS BRETT YOUNG

As I walked down the village street this evening, I saw an old acquaintance, Giles Hannaford by name, sowing sweet peas. Giles is more than seventy years old, and for the last few months I have been unable to induce him to hold rational converse on any subject other than the virtues of the pension which he has lately received. Consequently I should have passed him by if I had not noticed a bed of primroses fringing the path which approaches his cottage door. The pallid buds are still uncrumpling in the hedgerows, but this was the first mass of bloom that I had seen.

Moreover, it brought to my mind the picture of Hannaford's garden in summer; the brilliant beds of phlox, the clematis and honeysuckle of the porch; and the fragrant treasures of his walks,—lavender, gilly-flower, and sweet William.

That I should linger at his gate was an invitation to converse. Stooping still, he wished me "good evening." Then he straightened his back with a sigh of content, and wiped his earthy hands upon the seat of his corduroys.

"March have gone out like a lamb, sure 'nough," said he.

I assented. Then, out of an idle curiosity, I asked him why he planted his sweet peas.

He scratched his head. "Well, that be hard to say," said he. "I reckon they'm purty, like; an' sweet smellin'. An' I like to see un grawin' under my eyes, an' to think as I've planted un. An' I like to show un to folk."

A comprehensive answer, this; and one that gave me food for thought.

Hannaford's garden is only one of twenty which turn this village into an island of sweetness in summer, making the air murmurous with the music of their bees and enchanting the eye with their old-fashioned charm of color.

The cottage garden, so it seems to me, is one of the aptest expressions of popular art, and far more representative of the art of the people than the olograph and the music hall song. Folk song and folk dance have vanished,—almost beyond the reach of those enthusiasts who would recall them; and still the prismatic artistic instinct of the people may be seen in every cottage garden of this flowerly land. It is a far step from the scarlet blossom set in the dark hair of the Polynesian to Mr. Hannaford's sweet peas. But the idea is the same.

And see how easy Nature has made things for the cottage gardener. Her pigments are cheaper than those of the colorman. Her palette is richer and more intense. You may cull the deep bloom upon the foxglove's bell and the primrose's delicate pallor from every English hedgerow. There is another advantage. Nature is so deft in her gradations of color that the primitive artist—(as we will call the cottage gardener)—cannot offend the eye with a harsh combination, bungle how he will.

If you will examine Mr. Hannaford's answers to my questions in detail, you will see that they contain the principles which underly the expression of art in any medium. "I reckon they'm purty, like," said he, "an' I like to see un grawin' beneath my eye." Hazlitt has said the same thing in his essay on the "Pleasures of Painting," and in such wise may every artist watch his cherished work shaping beneath his fingers.

"I like to think as I have planted un, an' to show un to folk."

So do we all.

Indeed, the art of the cottage gardener is nearer akin to painting than to any other. In both the artist is taking Nature into his confidence, as it were, and working side by side with her beneath the skies. But the gardener reaps the inestimable advantage of her fair caprices; soft dews will "hang a pearl in every cowslip's ear"; wandering breezes will send a cool wave of color thrilling through his curtains of lilac; and the cups of his purple crocuses will expand, unveling their golden centres to the splendor of the sun.

Then it is Nature,—you will say,—who is the artist; and rightly. But popular art is more appreciative than creative. Surely it is a goodly thing that Giles Hannaford has brought these fair flowers out of the highways and hedges into the precincts of his cottage, where all may see their beauty and inhale their sweetness. A simpler and a better thing than the exclusive spirit of the millionaire who preserves the canvases of Turner, Titian, or Rembrandt within four walls, for the select appreciation of himself and his friends.

Mr. Hannaford's art is, like all popular art of the best kind, utilitarian. He admires the bright livery of the scarlet runner; and he likes a dish of beans. The clematis wreaths the lintel of his cottage in its summer snow; and it shelters his threshold from the snows of winter. Every flower in his garden brings its hue and its perfume to the service of his house and those who gather within it and about.

There is something illuminative in Mr. Hannaford's history. For all his benevolent eyes and his grey hair (which I revere), he has been in his time an inveterate poacher. I know that the life of his sweet cottage is not free from conjugal dissensions. He is not above taking "a glass too much" at the Golden Lion of a Saturday night. His conversation, upon such occasions, is as foul and profane as that which you may expect to find in men of the station to which it hath pleased God to call him. He is, if you look at him with eyes unprejudiced, an ignorant and brutal old man. And in his heart you may find a love of flowers,—surely the most innocent love that a man's heart may cherish, and an everlasting tribute to the inherent beauty of our human nature.
In this log-cabin fireplace a difficult feat has been accomplished with unusual success. It is rough and rugged; it exhibits the true technique of the primitive in stone masonry; it is a fireplace in which to build real fires. To build in this manner is to create the picturesque by direct and honest means, in the same way that it was created in former generations by unskilled pioneer hands, when results were more important than effects. Although it suggests a far frontier, it is the fireplace in the cabin camp of Mrs. J. H. Peterson, Stamford, Ct.
How to Know Real Waterford

Notes for the Wary Collector in His Search for Irish Glassware

A. T. Wolfe

The early manufacture of glass in Ireland was encompassed with difficulty, and it says much for the pioneers that they managed to carry on in the face of the unjust excise regulations. When the restrictions on the export of Irish glass were withdrawn, conditions became easier, and soon quantities were being made and sent abroad, to North America and the West Indies, Southern Europe, and elsewhere. Waterford Harbor—"seated as well for trade as any in the world"—fulfilled its mission at that time, though its glories are now derelict. Drinking glasses—r ummers, hobnobs, regents, dandies, and so on—were sent from Cork together with tableware and whole dessert services in cut glass.

In general aspect, early Irish glass is not unlike English glass of the same period. This is not surprising; the glass works, to a great extent, were started and staffed by Englishmen, and the differences in method and appearance were brought about by natural conditions. In Waterford, for example, there is no flint, and accordingly sand, with an admixture of red lead, was substituted, or the limestone of the district was crushed for the purpose. This resemblance...
Waterford was made up into a host of necessary and decorative objects. Humble but beautiful examples are found in these knife rests and salt cellars.

As decanters were made in enormous numbers, many perfect specimens survive from which to make choice. A flower vase elaborately cut, leaving no plain surface. The graceful pattern on the rim is repeated on the base.

between old Irish and Georgian glass has led to some confusion. English, Scotch, and Irish patterns were used indifferently by cutters in Ireland, and though subtle indications crept in later, pattern, in the earlier pieces, is not a sure guide. Also, whilst Ireland was exporting her own glass she was importing a good deal from England, and it is quite possible to mistake for genuine Waterford some of the handsome cut-glass which is found in Ireland to this day.

The points to be considered in determining the quality or the genuineness of Irish glass are as follows: color, weight, tone (or “ring”), texture, and certain peculiarities of cutting and finish. Its value depends on the condition and the rarity of the piece. The color is a debatable question.

It is commonly stated that Waterford cut-glass is distinguished by a peculiar gray-blue tinge which cannot be mistaken or imitated, and “without which none is genuine”. It is difficult to account for the tenacity with which the idea persists, despite the fact that in a good deal of marked Waterford the tinge is entirely absent. All old Irish glass is dark compared with Bristol or with modern products, and a fairly large amount is distinctly blue in tone; but this applies with equal or even greater force to the glass of Cork and Dublin than to that of Waterford. However, this blueness is highly prized, and is, indeed, so charming that we may feel thankful that the old glass-workers were unable always to eliminate the impure oxide of lead or to prevent whatever happy accident brought it about. A more reliable sign of genuine Waterford is the deep, fine, sharp...
A Type of Design Eminently Suited to the Small Place

CHARLES S. LE SURE

FOR a type so graceful in appearance, and so simple and direct in design, it is curious that the circular garden should be one of the most neglected. Perhaps a reason for this may be found in the fact that its shape has so little in common with the shape of the usual site; but there is no reason why a garden should not be circular inside and any shape outside that seems appropriate to its situation. If, for example, a circular garden is planned to go in the rectangular end of a plot it is only necessary to fill in the gaps between the two different shapes with compact masses of shrubs, planted on the inside to follow the shape of the garden and on the outside to fit the shape of whatever lies beyond.

About the garden illustrated here are planted just such compact masses of shrubs. The enclosure which they form follows the inside shape of the garden exactly, but it also makes the transition between this circular shape on the inside and four distinct lawn spaces on the outside. From any of these lawns it is impossible to tell that a circular garden lies within these shrubbery masses. If the garden were enclosed by a form-fitting hedge or lattice and set undisguised in the center of the lawn, its shape, having nothing in common with the shape of the lawn, might seem somewhat uncompromising and a bit disturbing. But treated as it is here there is harmony on both sides.

The garden shown here is built around a pool. The inside path of flagstones forms the coping of the pool and separates the latter from the first circular bed, which is devoted to roses. Outside this bed another concentric path separates the roses from the perennials, which have for their background the shrub enclosure. Thus the whole planting has been cleverly devised to increase in height from the lily-padded pool in the center of the garden to the outside rim, where tall delphiniums stand against the shrubs. The roses are hybrid teas; the perennials such things as Shasta daisies, delphiniums, iris, peonies, foxgloves, sweet Williams, Canterbury bells and the like.

One of the fine things about a circular garden is that it may be approached with equal effectiveness from any angle. There is always the central feature to engage the eye. Here, for instance, with paths entering from four directions, none is given particular precedence over the other, but all are greeted with splendid impartiality.

Simple arbors, hung with Tausendschön roses, mark the entrance from the house and the entrance from the tennis court opposite. The other cross path connects the service section of the grounds with the garden and ends upon a garden house set deep in the shrubbery beyond the pool.
Dear Mac:—

Your letter was not the surprise I expected it to be. I have a theory that the notion of old Omar appealing to the romantic youth is all rot. "A bottle of wine, a loaf of bread, and thou" is a middle-aged plea. Youth wants to be doing, not sitting under a tree. When people get to our age—but then, I say, when you ask "pointers" on carrying out your notion of a home in the woods where nobody can get you by telephone unless the whole world is to smash and it's broadcasted to the nearest forestry station—I merely exclaim, "Another Indian coming up."

Of course, I've always been an "out-of-door nut" and when I'm gone it will be inscribed on my tombstone, "This chap was not rated very high financially—but he had a darn good time." And as far as giving suggestions on how to live the wild life—than, I'll be coming back to the Ouija board to answer other questions on that!

"House of Dreams", you call it? Well, if you have gotten as far as a sure enough dream, you have a mighty good start. It is not a bad idea to locate one's dream house in imagination first. It is inexpensive in upkeep and gives one time to mull over one's innermost—and therefore real—longings, so that a fellow won't choose to build on a mountain side and then spend the rest of his life cursing himself for not choosing a lake.

But along with holding it in status quo as a "dream house", don't begin this same old whimper of waiting until you have the time and the money. That time never comes. Did you ever know anybody who "waited until they got the time and the money" and then did anything? I never did. Though I will admit I used just "them there words" in response to Little Pal's wistful plea for a cabin, way off from everybody who wants things done on committees. One morning I found in my shaving glass a bit of magazine verse, "Let us go a-gypsying while we care". Somehow that line sunk in deep and I realized that we were spending the precious time of youth...
There should not be too strict regularity in the length of the logs.

Above is an example of the stockade method of cabin building, with vertical logs set on the heavy sill timbers.

To get clean logs like these the timber should be cut in Winter when the trees are dormant and the sap in the roots.

An important thing about cabins is the view. From this cliff top porch, for instance, one gets a wide sweep over Lake Superior.

The wide overhang of the roof makes a splendid shelter for the porch and protects the doorway from driving rain and snow storms.

Well back from the lake the smoke shows even here, the wind's force.
have got to eat and drink, and the most important point in selecting your site is to have it within comfortable reach of pure water. If there’s any doubt about the quality of the water, have a chemist analyze it. Husky as I am, I was badly poisoned once on a canoe trip by drinking the apparently clear water of an inland lake. Since then, I have the University analyze my drinking water whenever possible. During the period of doubt—boil the water. And in deciding your distance from the nearest highway, remember that you will have to ship in supplies, somehow, if your car cannot get through. Having been addicted to the pack-sack method on canoe trips, this did not bother us—but it counts with the average man. And above all things, don’t trust hearsay. Go over your land.

Having decided on the general locale, there will probably be several building sites on it. Choose the one which will serve you best. Usually the site is more or less automatically determined by the view. Our widest windows face south because of the blue of the lake and the glory (Continued on page 108)
Several factors, so generally met with that they form the common experience of most small-property owners, were instrumental in determining what treatment should be given the piece of land at the side of a certain square white Colonial house in the suburbs. It was necessary to screen out, by planting, both the busy street and an unpleasant view next door, thereby creating a place for sitting out-of-doors in privacy. The question of maintenance was important, inasmuch as but part of one man's time is used, and during the absence of the family in midsummer the grounds must make shift alone. Furthermore, the exigencies of the severe climate and gravelly soil made the choice of plant material a restricted one.

After studying the situation, it seemed best to give the modest square plot a planting which would be informal in height and contour, yet, in its ground plan, conform to the boundaries instead of attempting the usual wavy undulations which, in such restricted areas, never under any circumstances look "natural."

Few evergreens really flourish in this region of high winds and gravelly lime-stone soil, so after some eliminative trials thrifty Banksian pines, 8' to 10' high, were selected for their dark picturesque beauty and for the reason that they were not expensive.

However, this economy was offset by the next choice, some fine specimen Japanese yews, as tall (4'-4½') as we could afford. Hemlocks were massed in the sheltered spot at the end of the arbor; two glaucous young cedars intensified the blue greens of the arbor's color scheme; dwarf globe-shaped yews, with clumps of massive Japanese barberry, flanked the entrance from the house; and all around the front of the border were groups of the spreading Japanese yew, focalizing in depth of shadow and brilliance of bloom at a point opposite the living room windows.

So much for the coniferous evergreens; of the broad-leaved varieties, rhododendrons and laurels were of course out of the question in such soil. In spite of a temptation to fill the space with a lavish mixture of dwarf junipers, retinosporas, heather, mahonia, cotoneaster, and the like, planted more than once with flattering success in more favorable locations, we resisted bravely. From motives of economy and common sense we limited this display to Japanese holly, a hardy evergreen much resembling box, and an experimental handful of the drooping bronzy-leaved Leucothoe, the aristocratic Andromeda floribunda, and the fragrant daphne. In the shade of some larger trees were used ground covers of everlasting Eucynamus as a relief from too much shrubbliness.

The somber greens of the yews and pines were still further intensified by purple-leaved plum, viburnum plicatum, and copper beech. From their shadowy depths, in bright contrast, sparkled a host of dainty flowering trees and shrubs. In very early spring, pure white and deep pink double flowering peach, white shad bush, misty yellow of cornelian cherry and the tiny pink flowers of the purple-leaved plum overhang an enchanting foreground of delicate pink azalea vaseyi and early tulips of the same tint, the tender blue of nodding Virginia cowslip, and the foam-flower with its bronzy leaves.

Then appear flowering crabs, white bells of snowdrop tree and fringed flowers of (Continued on page 88)
The plan shows how the planting forms a compromise with the rigid outline of the plot and the relaxed formality inside the garden.

PLANT LIST

INDICE NAME

1. **Picea** Banksvitana, Balsam fir; 8'-10', 4 specimen, a pine with dark foliage, possessing a Japanese informality.

2. **Juniperus virginiana** var. plumosa, Red cedar; the variety having a bluish tinge, placed to accent the other evergreens, where it will tone with its furnishings.

3. **Taxus cuspidata**, Upright Japanese yew; attractive dark foliage like the hemlock; slow-growing but durable, and eventually getting quite large.

4. **Taxus canadensis** var. brevifolia, Dwarf Japanese yew; foliage like the rest of the yews but habit of growth dwarf and globe-shaped.

5. **Taxus media**, fatshedai, Spreading Japanese yew; like the above list of a trailing habit not unlike the American ground hemlock.

BROAD-LEAVED EVERGREENS

6. **Ilex creata**, Japanese holly; small hardy shrub; handsome foliage and inky black berries.

7. **Picea (andromedia)** forbesii, Lily-of-the-valley shrub; flowers small in long showy panicles; evergreen foliage, does not burn.

8. **Ligustrum obtusifolium**, Casteel, Drooping emerald; large glossy evergreen leaves turning bronze in autumn, semitrailing habit.

9. **Daphne mezereum**, Garland flower; dwarf evergreen, with pink very fragrant flowers in May.

10. **Euonymus radicans** var. virgata, Blood-leaved evergreen emerald; trailing vine with showy orange fruit resembling bittersweet. Clings to stone, climber or ground cover.

11. **Euonymus radicans** var. maximus, Dwarf evergreen emerald.

DECIDUOUS TREES

12. **Prunus persica** var. alba flex pendula, Double white flowering peach; small tree flowering very early.


14. **Holonia caspica**, Snowdrop tree; nearly white bells as showy as the flowering dogwood.

15. **Cornus maculata**, Cornelian cherry; small tree or large shrub with tiny yellow flowers in very early spring before the leaves, followed by red fruits attractive to birds.

16. **Amelanchier canadensis**, Shad-bush; small tree or large shrub, covered in spring with white blossoms, followed in early summer by edible fruit.

17. **Prunus persica** var. rubra flex pendula, Double pink flowering peach; blossoming with the white variety.

18. **Prunus serotina** var. Plugettii, Purple-leaved plum; purple leaves, small pink blossoms in early spring; wine-red fruits. Foliage good with dark evergreens, copper beech, etc., but not used with light or golden foliage.

19. **Fagus sylvatica** var. purpurea, Purple-leaved beech; used to accentuate effect of distance and shadow. Eventually grows large.

20. **Chastetis baileii**, Yellow-wood; tree with smooth oval bark like a beech, white sweet-scented flowers; grows only to medium size.

21. **Olearia argentea**, Silver tree; small grayish tree, with long successions of flowers in midsummer like lilac of the valley, the first tree in autumn to turn a brilliant red.

22. **Crataegus oxyacantha** var. cornicosa plena, Paul's double scarlet thorn; small tree blooming in May with brightly colored fruit; attractive to birds; foliage remains green and挂久 in early winter.

23. **Prunus spinosa** var. purpurea, Double purple-leaved hawthorn; small tree with white flowers and red fruit attractive to birds.

24. **Amelanchier canadensis**, Shad-bush; small tree with white flowers in May.

25. **Prunus spinosa** var. domestica, Red berries; Burgundy's Yellow Flower, Farnli; very hardy, but rare, soft pink flowers are very early; also placed with the yews. Foliage turns red in autumn.

26. **Amelanchier canadensis**, Shad-bush; small tree with white flowers in May.

27. **Loriceria intermedia**, Tartarian honeysuckle; large shrub with many pink flowers in June followed in midsummer by juicy red fruits. When young foliage is dense, light green and very attractive. Leggy and uncoeh with age.

28. **Syringa vulgaris**, Hybrid Blue Madame Le-maine; double white. Charles X; large flowered single dark reddish purple, Jacques Calas; large single, delicate rose pink.

29. **Enkianthus campanulatus**, Compact shrub with small yellowish flowers followed by red pendant fruit, foliage turning brilliant red in autumn.

30. **Symphoricarpos racemosus**, Snowberry; small shrub with gray-green foliage and many waxy white berries in autumn, not lasting into winter.

31. **Prunus japonica** var. rosea flex pendula, Double pink flowering almond; used in the foreground where it will contrast with the dark yews.

32. **Aralia spinosum**, Southern akeflex, hardy and valuable, but rare, soft pink flowers are very early; also placed with the yews. Foliage turns red in autumn.


34. **Clethra alnifolia**, Southern alnifolia, small shrub, endearing shade, with spikes of very fragrant white flowers in August.

35. **Philadelphus hybridus**, var. Alba, Dwarf mock orange; slender branches very full of the well-known fragrant flowers.

36. **Enkianthus campanulatus**, Small shrub with small white flowers in May.

37. **Rose Harrison's Yellow Cherry**, Farnli; very hardy, but rare, soft pink flowers are very early; also placed with the yews. Foliage turns red in autumn.

38. **Enkianthus campanulatus**, A new flowering shrub from Japan, with flowers of orange-yellow in drooping clusters, foliage turning brilliant red in autumn.
Hurting

This charming Directoire paper in gray and white makes a pleasing background for the dressing table in turquoise and yellow taffeta, the cabinet and chair done in lemon yellow. Devah Adams, decorator

WALL PAPERS
for BEDROOMS

With a Selection of Interesting Designs

LUCY D. TAYLOR

Air, light, space, beauty—synonyms for the American ideal of a bedroom and the goals we all strive for regardless of cost. The materials contributing to the ultimate result do not make so much difference. It is the taste and skill with which they are used that count high in the scale of success. And as the background of the room is of prime importance if one is to achieve a successful ensemble, let us consider the walls in relation to light first.

The light in a room is always established primarily by the walls. They either ruin or make what the windows leave undone. No amount of gorgeous color will make up for the lack of carefully adjusted reflection from the walls when the windows admit but a feeble stream. Neither will any number of richly toned rugs, tapestries and upholstery subdue the too brilliant light which comes from an over generous supply of windows for the size and height of the room. Walls simply cannot be ignored as regulators of the light supply in the room, for the whole effect of the illumination is—in large measure—determined by them.

Light rooms, medium light rooms, or frankly dark rooms—some of us enjoy one kind, some another. If your taste runs to a fairly dark room, you will get it by using a dark paper. If you prefer a lighter room, the walls should be covered with a lighter paper. The exact degree of lightness or darkness of the background depends on the amount of light coming in at the window in relation to the size of the room. For example, the room with two windows shaded by a porch, trees, or a neighbor’s house will require a much lighter paper in proportion to the number of windows than would the same sized room with the same window

(Continued on page 106)
In this book room in a Pennsylvania country house the architect has built a eulogy of simple materials simply used. In its absolute frankness and lack of pretense lies its satisfying quality. Floor of common brick, cover-strips on the cupboard doors, not a molding to be seen anywhere. Here, certainly, is a happy environment for the man who has grown weary of overdone architecture and decoration—a room for contemplation, study and plain thinking. Stanley Bright is the owner; R. Brognard Okie, the architect.
The splendid spaciousness, the background of dark wood and austere-ly simple walls and the restraint shown in the furnishings create a mediaeval atmosphere both restful and unusual in the living room above. R. Brognard Okie was the architect.

Nothing could be more livable or charming than the unstudied simplicity of this small study with its bookshelves and many cupboards within easy reach of the desk. It is in the Pennsylvania home of E. L. Hladon, R. B. Okie, architect.
There is nothing in the decoration of the hall above to distract one from the main feature—the effective background of plaster walls, dark trim and beamed ceiling. It is in the residence of Leonard L. Beale, Mellor, Mengs, & Howe, architects.

In keeping with the simplicity of the architecture of the room is this long row of uncurtained leaded case-ments that make such an effective background for the furniture group. It is in the home of E. L. Bladon; R. Brogaard Okie was the architect.
A GARDEN UNDER A HILL

Leaning Against Its Oak Covered Slope This 17th Century House
Stretches Drowsily in Front of Its Mirror

MINGA POPE DURYEAE

It is possible that such a house and garden as this one in the south of England might be made, but most of it would have to happen. And it would have to happen slowly, during a century or two, and without any hurry. There would have to be a lazy stream, a gentle slope rising slowly from the edge of the water, and behind that a ridge of oaks. The house would have to be built from time to time as the need arose for a little more room, and architecture and garden design, as these things are generally considered, would have to be reduced to their most practical and elemental forms; for the perfection this place has attained is due to the fact that it is completely without self-consciousness or affectation. It is picturesque, genuinely so; but if that quality had been actively sought it would never have been achieved.

The site, lying here between the highway and the stream, is comparatively small—not more than 150' by 300'. Its apparently larger size is due to the fact that the house was placed close to the road, so that the loveliest and most valuable part of the ground might be devoted to the lawn and gardens. Its position there also allows it to serve as a protection for the rest of the property. Having been built on the level of the highway it was necessary to raise the ground on the river side of the house sufficiently to give it nearly the same height all around. By raising the ground along this side a terrace was formed upon which one may step from any door of the house and be led from one end of the place to the other—from the flower garden to the service yard. At various points along the terrace stone steps lead to the lawn that slopes on to the water's edge.

During the course of its growth the house has been added to in all the different building materials of the neighborhood. Part of it is stone, part brick, part is shingled and part weather-boarded. Most of the roof is tile, but some of it is slate. Yet the house has come so naturally by this mad variety, and it is all so mellowed by time and blended together, that the effect is one not only of complete harmony but of an
It would be difficult to imagine a more peaceful sight than that, beyond the placid foreground, of the house set under its hill otherwise almost unattainable beauty. After all, it matters very little how many different materials are used in a house if they are used honestly and not with an eye to the merely spectacular.

The layout of the grounds is just about as fine as it could possibly be. No lengthy pondering over a plan could have produced a more suitable, direct or beautiful arrangement. First there is the open lawn, occupying the space between the house terrace and the stream—an example of the most admirable restraint; for the intrusion there of trees, shrubs, or even small herbaceous plants, would have spoiled the setting. Then, like great arms, the arbor on one side, and the lower garden on the other, come down to the water and enclose the lawn with flowers and foliage. The arbor and the lower garden were not placed where they are simply to enclose the lawn and give the house an effective setting, but are there to supply the need of the place for passageways to the river from each end of the house. If they were nothing but purely decorative massed plantings they might be lovely, but, with no practical raison d'être, they might also be stupid.

There are two gardens: the upper and the lower. To distinguish the characteristics of the two the upper garden might be called the “formal” one and the lower the “informal”; the former because it occupies a rectangular space at the east end of the house and because it is designed appropriately to fill such a space. Lying on sloping ground its beds and paths and open spaces have been graded to various levels and retained by walls of dry stone masonry. No garden, by the way, can flaunt a more restless air than one laid out in a rectangular pattern and then set upon a slope that (Continued on page 86)
Iron pictures were first made by Tang Tien-chih, a forger of iron, working in the city of Wuhu in the Ching Dynasty, about 1644.

Tang was first inspired to forge his beautiful pictures as answer to a challenge from an artist working in the simpler medium of oil.

In the early days of the Ching Dynasty, which put its first emperor on the throne of China in 1644, there lived in the city of Wuhu, so the Chinese Biographical Dictionary tells us, a certain Tang Tien-chih. Tang began life as a forger of iron. His shop stood on a street of iron workers. All day long the clang of iron hammering on iron filled the narrow street, and far into the evening glowing sparks from his anvil lit up the blackened walls of his dingy shop. While Tang fashioned locks and tongs and plow points, his soul was seeking the beautiful. In the alley behind his shop lived the painters of his city. Among them was a certain artist named Sung, who was Tang’s closest friend.

Sung was noted for his paintings of exquisite landscapes, landscapes with lofty mountains, graceful trees and flowing streams. In their midst nestled cottages, bridges spanned the waters, and fisher folk
In their great simplicity, in the absolute elimination of non-essentials lies the charm and the rare artistry of these iron pictures. Tang's work was continued by his sons and contemporaries. The eight shown at the tops of these pages are by an unknown artist.

plied their boats up and down the streams.
Evening after evening when his work was done, Tang left his forge and sought Sung's home. He watched the strong deft strokes of his friend's brush and one evening he broke the silence with a wistful statement.
'I wish I could make something beautiful as you do,' he exclaimed.
'You can't' said his friend shortly. 'See your clumsy hands! You are only a blacksmith.'
That night Tang went home with a daring purpose. He procured brushes and paper. His hand guided by the pent-up ambition of his soul drew strong outlines of crude beauty. He deserted his forge. His work commanded notice. His artist neighbors smiled, then wondered and grudgingly admired. Tang, the blacksmith, could paint!
His skill increased until his work surpassed that of his neighbors on the street of the painters. His fame as a portrayer of landscapes, grass, insects, flowers and bamboo lives to this day. Few of his paintings have survived. The larger ones have been lost. Some of the smaller ones are still prized by their fortunate owners.
Tang's neighbors grew jealous. Their tongues became malicious. Tang was disgusted. 'He closed his doors to his proud (Continued on page 92)
It is the interior of this type to which rough-textured plaster wall finishes are especially suited, to which, in fact, they are a necessary means of complete architectural expression. The architect is Bloodgood Tuttle.

The increasing popularity of textured plaster walls has resulted in the development of a number of very effective finishes, which may be applied over old walls.

This type of English plastered interior demands a roughly textured wall for the rendering of its true handworked character.

A stippled plaster finish applied with a brush and marked off in stone courses. An effect of travertine can be obtained thus.

A cement wall finish which reproduces almost to perfection the effect of the open-grained stone called travertine.

A cement wall finish for the formal foyer or lobby, closely imitating the famous Caen stone from Normandy.
The idea of textured plaster wall finishes for interiors has lately become a very popular one. Its popularity, in fact, has grown so rapidly that it is in danger of somewhat out-running moderation and good judgment in its use. A great many people do not care what sort of wall they have so long as it is rough plaster. And a seriously mistaken assumption is seen in the growing belief that textured plaster walls are the modernly universal substitute for papered walls—a belief not very much better reasoned than one which said that chairs are a good substitute for tables.

Textured plaster walls are excellent for certain kinds of interiors, and so is wall paper, and as a matter of fact it is seldom that the use of one or the other lies entirely in the realm of choice or preference. There would seem to be some need of pausing a moment in the midst of an unreserved acceptance and utilization of textured walls to review a few of the means and materials now available to secure these effects, and to establish some reasoned premises as to where and how they should be used.

The indiscriminate and unreasoned use of any superficial thing, whether it be a style, a material or a technique, always runs the danger of being overdone, and thus living the short life of a fad, when it should properly become assimilated as a permanent addition to our architectural and decorative vocabulary. There are, in textured interior finishes, exactly the same dangers of exaggeration and affectation that were suggested last month in connection with textures in exterior building materials.

The forsaking of wall paper and the first popularity of the plaster wall came some years ago with the development of a number of very effective and attractive plaster tints, calsomines and plaster paints. Some of these were mixed with sand-finished plaster and some were made to apply externally, after the plaster had hardened. They were featured as sanitary (which they are) and as obviating the necessity of waiting the appointed year in a new house before the walls could be safely papered. Not only are these good arguments, but many of the effects were excellent. With average labor and the mason's trowel, however, there was

(Continued on page 100)
THE MARVELS of MID-SUMMER PLANTING

The Genii of Landscape Gardening Now Make Gardens Spring

Up in Full Bloom Almost Over Night

ELSA REHMANN

DID June find you with your garden plans still unfulfilled? Have you been unable to do your planting during the usual spring season? Have you perchance been abroad or have you perhaps just bought a house and found the grounds quite at sixes and sevens—with trees scattered all about and the place without a garden?

Shall July find you still in the same predicament?

It would seem impossible at first, to do anything but wait until the following spring, but, thanks to modern study and methods of handling growing plants, it is quite feasible to plant a garden in July or August and have it in its full beauty for the rest of the season.

The gradual evolution of a garden is always full of interest as it progresses through the early stages of thought, plans, construction work and planting to the time when our mental picture is fully realized. A spring planted garden always has promised of fine mid-summer and autumn effects, but to know that what was smooth turf one day, in a hot July, was turned in the course of ten short days, into an established flower garden has surely the touch of romance. I have in mind such a garden where during July and August flowers actually in bloom and shrubs in full leaf were successfully transferred. Columbines were blooming in this garden, Japanese irises were in flower, foxgloves were there with their handsome flower spires, larkspurs and various annuals. A host of Lillium auratum made a magnificent show though pot grown plants are of course easier to handle in hot weather than field grown clumps and most nurseries now-a-days have a goodly assortment of perennial in 4" and 6" pots for late comers. For this garden the hybrid columbines, larkspurs, foxgloves, and Lillium auratum were pot grown, but the greater majority of the material was only obtainable in field grown stock. By watering this material the day before it was taken, by digging each plant with a ball of earth and wrapping it in paper, and by delivering immediately in a covered truck, it was possible to have the plants arrive at the garden without being wilted or dried out. They were planted immediately and thoroughly watered. When the sun was brilliant, artificial shade in the form of burlap tacked on laths was provided for a few days.

THE whole success of mid-summer planting depends upon quick action. There can be no delays in shipping, no heeding in for convenient planting time, no trusting to the weather for sufficient water. Water, dig, plant and water again in rapid succession!

Watering should be continued at least every forty-eight hours and for the duration of at least one hour in the normal sandy loam of our eastern seaboard unless rain of sufficient intensity occurs to take the place of this artificial moisture. Avoid mere sprinkling of the surface. Set a good lawn fountain in the garden and go away and forget it for an hour, and then move it to another spot. In this way the water will penetrate to the same depth as a good rain of sufficient intensity occurs to take the place of this artificial moisture. Avoid mere sprinkling of the surface. Set a good lawn fountain in the garden and go away and forget it for an hour, and then move it to another spot. In this way the water will penetrate to the same depth as a good shower, and the roots of plants remain away from the surface. Light watering brings the roots to the surface and then a dry day makes the plants suffer.

It is desirable, if possible, to omit from such planting all plants which are normally difficult to move, although it should be stated emphatically that if sufficient care in digging and planting is taken, there is no plant which cannot be transferred at this mid-summer season. However, in order that the care may not become too burdensome, it is usually advisable to omit plants with tender foliage and plants with coarse, fleshy roots such as Alysium saxatile, anchusa, columbines, lilies, gymnosphila, hollyhocks and mallows. It is also advisable to omit until fall many of the spring flowering things which do not look particularly well after their blooming period is over. Some spring flowering plants, however, are found desirable for their foliage effectiveness even when their flower display is over. Bearded irises and ponies, some of the gray foliaged plants and some of the edging plants are valuable in this respect.

Success was obtained in the flower planting of this garden that it was decided to carry out the background planting around it. Inkberry—Ilex glabra—was used as a hedge. It is very interesting and rather unusual material for this purpose. Its beautiful glossy evergreen foliage and its general habit remind one of boxwood and for this reason make it an excellent substitute for old boxwood without its prohibitive cost. During August, too, large evergreens were planted as a screen between the garden and the street. White pines, cedars, red pines and hemlocks, from 8' to 30' in height, formed this boundary. In this way the garden started in mid-July was completed before the first of September.

This one example will show that mid-summer planting is not limited to flowers but that very interesting and successful July and August planting of shrubs and trees is possible.

SHRUBS are comparatively easy to move in mid-summer. The treatment is similar to that used for flowers. The plants are watered before the digging is done; then they are balled and burlapped, transported quickly and planted with a great deal of water so that the shrubs find themselves quite literally in a mud puddle. Viburnums, spiraeas, weigelas, in fact all shrubs with fibrous root systems can be moved in this way. On the other hand, such plants as bayberries, scrub-oak, sweet fern, sumac, beach plum, aralias, and bensoin have been found difficult to move in summer. The reason is that they have such long tough roots with very few fibrous branches which do not hold a ball of earth when dug and necessarily dry out very quickly. The scarcity of fibers also makes it difficult for the plant to reestablish itself.

It is possible to collect wild shrubs and move them successfully in mid-summer if they happen to be growing in a shallow swamp where the roots can be dug with a ball of peaty soil adhering to them. It is often possible to find these brush swamps containing viburnum, azaleas, clethra, aronia and similar shrubs in great abundance. The layer of peat in which the (Continued on page 82)
The home of Miss Spakeman, at Washington, Ct., owes its effect to inherent good proportion and placement. The matched boarding exterior is painted in a deep tone of pink, with green shutters—an unusual color scheme.

The plans show a special study of the grades on which the house is built. Bedrooms are upstairs, and all the service accommodation is on the living room level, and below that floor. Murphy & Dana were the architects.

SEVEN PAGES
of
GOOD SMALL HOUSES
The plans to the left show an admirable arrangement for the truly small house. Considering its total floor space, the sizes of the owner's and guest rooms show economy of space elsewhere.

The first floor plan, as well as the second, discloses the means by which rooms of generous size were contrived in so small a house. A stair hall is eliminated, and the stair space made small.

Below is the house of which the plans are shown at the left. Although the dormer is large, it has not destroyed the graceful roof line. J. M. Hamilton, Minneapolis, Minn., architect and owner.

The bungalow which is really a bungalow, confining its plan to one floor is always interesting. The plan here, its "fore and aft" arrangement eliminating an unsightly rear, is excellent.

The exterior of the bungalow shown above is commendably frank, with interest achieved by stucco, brick and iron. Gus Kray, San Antonio, Texas, owner. A. B. and R. M. Ayres, architects.
This is an unusual plan for a small summer cottage for two. Dressing room and sleeping porch take the place of a bedroom and the dining porch takes the place of a dining room. It is a plan commendable for its economical arrangement.

The color scheme is as effective as it is simple; white stucco walls and a roof of hand-split cypress shingles, weathered to a natural silver. Casement windows contribute greatly to the picturesque appearance. The owner is Mrs. Charles de Weehern, at Paducah, Kentucky, and it was designed by Earl Gore, architect.

A plan which distributes its bedrooms upstairs and down, with the library on the second floor. For the size of the house considerable accommodation is provided in an economical way. P. P. Turner, architect.

The pleasant effect of this small house is due largely to its proportions. Tap­estry brick, gray slate roof and white trim make up the color scheme. It is the residence of L. J. Bol­giano, Baltimore, Maryland.
The proportions of this house, and the proportions of the wall spaces make it a distinguished piece of design. William Gehron, architect, is the designer of this house at Pelhamwood, New York.

A detail which shows the true technique of stucco work. The molding around the door is characteristic of the Italian and Spanish manner, and the delicate iron balcony is quite distinctly Spanish.
Closely corresponding with the manner of the exterior is the plaster treatment inside the house. The design of this mantel is perfectly in accord with early Renaissance work.

This house, seen in perspective, gives the picturesque effects of the smaller villas and farm houses of Renaissance Italy. The planting and flower boxes have been very effectively carried out.

The plans present a simplicity which is a counterpart of the exterior design of the house. The kitchen will be seen to represent compactness in its area, equipment and scheme of arrangement.
It is seldom that the architect of today turns to the old "Neo-Grec", or "American Empire" style of architecture for his model. Here the revival of that familiar old type of 1840 has been done with a great deal of charm, as well as a practical realization of the possibilities for adaptation. The plan is quaintly formal and distinctly in character with the period, with its formal reception room at the right of the entrance balanced by the study at the left. The dining room behind the living room is another characteristic of this type of American house. Dr. Howard, Guilford, Baltimore, Md., owner. Lawrence H. Fowler, architect
One of the most effective solutions of the problem of designing the small house is in definitely aiming at the picturesque. Here the conventional gambrel roof has been given the added incident of a sharp gable which emphasizes the quaint entrance beneath the pent-roof. The composition of the arched batten door with the stone bay and diamond-paned leaded casements is a happy one. The plans present the utmost simplicity and compactness, to effect the economy of space necessary in a house of this size. The architect is Howard Sill and the house was designed for Guilford, a part of Roland Park, Baltimore, Maryland
IF THE outdoor garden is a joy, the indoor canned garden, its descendant, is a boon! It makes the unexpected stranger within our gates welcome with its largesse and gives the lady of the manor a scope and a freedom from care which fires the imagination even as does the flower and vegetable garden. For in the canned garden, we have fruits of the tree and the soil, and all year around it stands ready to give itself unstintedly!

Not with procedures at all is the article interested, only with a few precautions, definitions and canned-garden tools. Look in your cook books for canning methods; this is a mere tool chest.

As in our outdoor garden so in the canned-garden, we must needs be "wise" to the weeds and tares that do corrupt. Ah yes, even in the canned-garden, under our own roofs, disintegrating influences will come in, if we are unwary.

What are they? They are minute things we think of as mold sometimes, but more often these organisms are things we cannot see.

Yeast and harmless molds are usually killed in canning, but... the destruction of bacteria and spores is another tale. These wee things are smaller than the mold and yeast organisms and are the ones that can disrupt our canned garden.

We have not only to make our canning right at the start to banish them, but we have to provide the conditions to keep the garden sweet and healthy until we wish to use the fruits of it, whenever in the future that may be.

One of the ways to prevent the growth of bacteria is to keep everything you use in the process of canning surgically clean. Everything must be carefully handled, our hands must be extra clean; table tops must be sterile, and their tops non-absorbent. Wash your containers in boiling water and it is safer to stand them in the water until you use them. Boil your rubber bands, and then dip them in a solution of a quart of boiling water to a teaspoonful of soda. You can’t be too careful about the steriliz-
The cold pack preserver is equipped with wire racks in which the jars or bottles are placed. Equipment of this size lessens the labor of canning for a large-sized family.

Since many bacteria live without air we have to add the element of heat to kill as many more as we can.

Sterilizing is merely the process of killing or preventing the appearance of meddlesome bacteria. Absolute sterilization is difficult to accomplish, because these bacteria form spores (highly resistant bodies) which defy all manner of onslaughts against them. The trouble is that some of these spores can resist boiling for even as long as 38 hours or so. However most of these spores "give up" and so we are pretty safe after all.

Many of the spores cannot live (Continued on page 94)

Either enamel or aluminum ware is advisable for canning, because both can be thoroughly cleaned and sterilized. The set of enamel equipment shown here represents the necessary pieces. The scales are especially useful, the wide-mouthed jar funnel should prove a convenience.
BUILDING IN CONVENIENCES
These Four Devices May Appeal to Those About to Build a Small House

VERNA COOK SALOMONSKY

Little conveniences built into the house are decidedly in vogue today. A few which may prove of interest to those who are planning their future homes are illustrated here.

There is a practical as well as decorative solution of the problem: Where to place the telephone. To be in a position of greatest convenience it should be located where it can be readily heard and easily answered from both the living and service portions of the house. But usually several doors separate these rooms making a tortuous route from the kitchen to the telephone. To do away with this inconvenience the hand telephone may be placed in a small opening in the wall separating the living and service portions—a location naturally depending on the layout of rooms. This opening should be about 9” wide and 18” high, and be placed approximately 4’ from the floor. On the side of the living portion a small door, made by hinging a framed picture to the narrow frame, closes over the hole (when the telephone is not in use or when it is being used from the service side) and forms an ornamental and decorative spot upon the wall.

Another convenience is a towel rack built into a drawer for the drying of tea towels. This drawer is bottomless and should be built over an open space to give room for the hanging towels and also allow for the ventilation necessary to drying. The drawer is pulled out and the towels hung over small round wooden rods running parallel from front to back. When the drawer is pushed back into place these towels are partially concealed and do not add a discordant note to the otherwise orderliness of the kitchen or pantry.

Also, the pantry radiator may be made to perform other duties besides that of heating the pantry. There is on the market a type of radiator combined with plate warmers where dishes may be kept warm and ready for service. If enclosed in the lower section of a cupboard and behind fly-screen doors, food as well as dishes may be kept warm in the winter months and away from insects during the summer. By boring good sized auger holes into the countershelf some of the heat from the radiator will escape directly into the china closet above and take the chill from its plates and dishes.

A fourth convenience is a small bench in the hall closet where rubbers may be taken off and put on at ease. A shelf of galvanized wires strung from end to end of the bench and about midway from floor to seat, makes an excellent place to dry wet rubbers and boots. A practical floor material for a hall closet and one that is not damaged by moisture is inlaid linoleum. When laid in squares of contrasting color with a plain border it becomes amazingly good looking.
SPANISH DOOR KNOCKERS for MODERN STUCCO HOMES

The Artistry of the Moor and the Spaniard Might Stimulate Modern Craftsmanship

ALICE MANNING WILLIAMS

WING to the increasing popularity of the stucco house, especially in its Spanish adaptations, there has been considerable speculation as to the type of door knocker used. Unfortunately, the available knockers are not always adapted to the character of the door or to the house itself. The incongruity of the colonial brass knocker on a house of Spanish style has been repeated too often.

A word about the Spanish door. The common type, which is Moorish in style, was built up of an elaborate intersecting wooden frame which is visible on the inside as a series of varying coffers and is covered on the exterior with stout vertical boarding. This gave great strength to the ordinary door, the wide planks being held together by iron bars or plating and ponderous bolts. Lacking the elaborate wood carving which characterized the heavy doors of Italy, the Spanish doors offered greater possibilities in the way of iron embellishment, especially in its locks, nail heads and knockers. The knockers on the average door were generally placed in pairs, one on each side slightly above the head.

Their simplicity and beauty is worthy of emulation, and it was with this purpose in view that these samples here shown were selected. Each shows a certain fine individuality and is not at all difficult to reproduce, although, of course, the modern article would lack the atmosphere and tradition that goes with the knockers of old. These were made of malleable iron, which was granulated in texture, but which became after repeated heatings and hammerings very tough and flexible. Easily wrought when hot, it could be hammered and bent when cold.

In its primitive state the Spanish door knocker (called llamador by the Spaniards and alldabon by the Moors) was very simple, consisting of a flat back plate to which was riveted either a ring or (Continued on page 80)
The shade on the amusing pottery lamp above is of marbled paper in black, rose and blue. The lamp is wired for one light, 18" high, and priced at $27.50.

In charming contrast to the other black pottery lamp is the shade of yellow and black toile de Jouy bound with Chinese red, 18" high, costing $23.

SUMMER NOVELTIES from the SHOPS

Crystal dressing table lamps with shades of ruffled lace over pink, 28" high, $45.50 each. Flower mirror with gilt lattice, 34" high, $120.50.

The decorative candlestick lamp at the right is antique brass with a green parchment shade decorated in gold. 14" high, costs $22.50.

Wooden lamp in apple-green with mauve stripings or lavender with turquoise with parchment shade decorated with flower print, 18" high, $29.50.

A slender rose, green and white pottery candlestick makes a graceful boudoir lamp. The shade is pleated rose and white chintz, 18" high, and is $25 complete.

A table for a porch or country house morning room is blue-green lined in yellow, 21" high, top measures 5' 7" x 2', $77.50. Black pottery lamps with Godey print shades, 20" high, $37.50 each. Amber glass flower bowl, $4.75.

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, 26 West 44th Street, New York City. Remittance should be made by draft, money order, certified check or check on a New York bank.

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July, 1923

Bookshelves in walnut finish, 20" x 25", $40.50. Wrought iron lion bookends, $18.50 a pair. Low amber bowl, 16", $16.50. Flower prints framed in color, 14" x 11", $18.50

Two fold screen of wall paper in apple green and pink, $125.00. Reproduction of French tray table in walnut or mahogany, $65.50. Walnut peasant chair is priced at $25.50

These charming open-work pottery candlesticks decorated in rose and green would be delightful on a white mantel. They are 9" high and $10.25 each

This sixteen piece breakfast set for two people is of primrose yellow china decorated with bird motifs in blue, $80.50. Rose vase 10" high, $10.25

(Above center) A painted tin flower container comes in red or yellow, with Chinese decorations in gold. It has an inside compartment. 11" x 6" costs $11.
## The Gardener's Calendar for July

<table>
<thead>
<tr>
<th>Sunday</th>
<th>Monday</th>
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<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
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<tbody>
<tr>
<td>1. Peach tree develops a bloom that will result in fruit next year. It is well to remember this and to spray the trees now by spraying with a 10% solution of Bordeaux mixture, followed by three washings with water. Pick off and burn immediately any leaves that are rolled and have brown tips.</td>
<td>2. Don’t neglect to prune the dwarf lilacs and trees. This is a proper time to do this work. An offtake properly pruned now will show large gross of flowers in the future.</td>
<td>3. There is no necessity for making a great deal of work in the yards. An hour or two spent in reviving the dead of the small shrubs and plants already in the ground will ensure a satisfactory growing season.</td>
<td>4. Spray the roses with an excellent solution of Bordeaux mixture, or any other effective fungicide. These drill holes by the leaves and, of course, make that easy job. As soon as you put straw or black sand on the deciduous potato bag.</td>
<td>5. Most of the fall flowers should be protected by scratching in fine garden chemicals. They are invaluable for small bees and for the bee family. The bees need to be well fed in order to winter.</td>
<td>6. This is an original time in the season to make use of the peat moss, bonemeal, barley straw, and other similar materials. The latter are excellent for the surfaces of the soil. The peat moss, however, must be covered with a 10% solution of Bordeaux mixture, followed by three washings with water. In the case of pea and beans, coal-burners, and other plants, the seed may be sown in the lawn, if the surface is not too hard.</td>
<td>7. Right is a very advantageous time for planting cruciferous vegetables. They are among the hardest of all garden crops, and are very resistant to heat and cold. They should be sown with Bordeaux mixture every three weeks.</td>
</tr>
</tbody>
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**Herbs & Edgings**

### GRACE TAROR

Seven of the country’s most noted landscape architects—they merely happen to be women—grace the Calendar page this month, Miss Taror, an author, as well, has written several books on gardening.

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**Annette Hoyt Flanders**

A graduate of Smith College, and of the University of Illinois in landscape architecture, Mrs. Flanders’ training has included several years of study in Europe, the West Indies and through our Southern states.

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**Ellen Seifman**

The work of all the gardeners here has been shown at various times in the House & Garden—See the view of the Norwich Estate, designed by Butler & Lombard, designed by Mrs. Strang, and others, appeared in the March issue.

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**Ruth Dean**

One of Miss Dean’s many delightful gardens is her own in New York, in which she is standing. She has also written a book on design—The Liveable House: Its Garden.

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**Beatrix Farrand**

Miss Farrand’s garden has included the design of many gardens of large estates, as well as the planting of the Memorial Quadrangle at Yaddo and the grounds of Princeton University.

---

**Elizabeth L. Strong**

One of our most frequent contributors, Mrs. Strong is known for her splendidly designed work, on which she is familiar to House & Garden readers.
FROM Bar Harbor to Catalina, and everywhere between, social occasions suggest Whitman's.

Not only for formal affairs but for everyday social contacts, chocolates and confections serve as nothing else will.

There are chocolates just right, and packed attractively, for graduations, birthdays, reunions, anniversaries, for bon voyage gifts, outings,—all the delightful, intimate events that take the humdrum out of life.

The variety of assortments and boxes enable one to give Whitman's to all kinds of people and consult individual likings, and to enjoy them one's self without tiring.

Our method of sending Whitman's direct to each retail store that sells Whitman's is the only method of insuring satisfactory service everywhere. Whitman's are the only candies thus distributed nationally. You can buy them with confidence from the local sales agency.

If you would like a booklet illustrating Whitman's in colors and describing our hundred different packages, write

STEPHEN F. WHITMAN & SON, Inc.
Philadelphia, U. S. A.
WITH Queen Anne furniture (1702-1714), who can avoid the alliterative thought of curves and comfort; for to our modern way of feeling the two merge in furniture. Speed makes sharp edges as dangerous in households as in automobiles. The older ages had time enough and space enough and so little furniture withal, that sharp edges were a negligible factor; but with modern crowding we are thankful for well-rounded edges. So the Queen Anne period marks the advent of comfort. Nor is this attained at the expense of beauty, though possibly at the sacrifice of delicacy.

Queen Anne herself was a lady of ample proportions. Curiously this fact seems to link itself with the furniture of her days. Possibly she made it fashionable, but this is doubtful, for she stayed so closely at home that her subjects scarcely knew her, and she reigned a mere twelve years.

In the interesting process of tracing the advent and development of certain characteristics in furniture styles, we see just how this idea of comfort rounded sharp corners everywhere, curved the fronts into an easy swell in cabinets, into pleasant curves in chair backs with their fiddle splats, hooped the tops rounded arms and seats and finally bulged the legs into the curve we know as cabriole—the French word for a goat's leap. This bandy leg, though a novelty in England, had long been used in China for the Chinese found their way to comfort long before Europe thought on such matters.

(Continued on page 118)
The real purpose of the Estey Organ is music, the greatest music that one instrument can produce, the nearest to that of the orchestra with its numerous pieces.

A pipe organ is easily installed in any home, old or about to be built. The volume of sound, the size of the pipes, are proportioned to the space, so that the music is perfect and harmonious. Each residence organ is designed for its specific purpose. And each organ is equipped with the Estey Organist, a device for playing any music as a master would interpret it, while you merely sit and listen.
You can give every room in your home that fine air of immaculate cleanliness—You can rejuvenate your furniture, wood-work, floors and linoleum—You can take the drudgery from dusting, by just going over all finished surfaces occasionally with Johnson's Polishing Wax.

Your Linoleum will last longer and look better if you polish it occasionally with Johnson's Prepared Wax. Johnson's Wax prevents cracking and blistering—brings floors and linoleum from wear and makes cleaning easy.

Are You Building ??

If you are building you should have our Book on Wood Finishing. It tells how inexpensive soft woods may be treated so they are as beautiful and artistic as hardwood.

vertical hammer, the latter dropping against a large plain nail head. Often it was called a door ring, and served a secondary purpose as a door handle in addition to its primary use of heralding the visitor's arrival. The back plate grew in time to be very elaborate, but in the early days of the 15th Century, it was unornamented and crude in outline. The solid hammer of the early knockers was the first concern of the Spanish smiths, who fashioned them in the quaint forms of archaic men, birds, lizards, dones, etc. The lid was especially popular, and in the later Renaissance period became a real work of art, and thus looked like a target. The pattern and color—protects linoleum from wear and makes cleaning easy.

For Woodwork and Furniture

You can easily keep your floors and woodwork in perfect condition by polishing them occasionally with Johnson's Paste or Liquid Wax. It shapes the surface and forms a thin protecting surface.

Free—Book on Home Beautifying

S. C. JOHNSON & SON, Dept. H. Q. 7, RACINE, WIS.

(Continued on page 82)

A door knocker with characteristic Moorish design from the late 16th Century

SPANISH DOOR KNOCKERS

for MODERN STUCCO HOMES

(Continued from page 73)

Spanish Door Knockers

During the Renaissance when architecture was intricately chiseled upon rough stone, the Spanish smiths adhered to the same methods, even to the extent of chiseling the striker out of solid iron. The back-plate was often chased and pierced with unbelievable care and the latter droppinK a piece of iron, the latter droppinK a piece of iron.

For Woodwork

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Free—Book on Home Beautifying

S. C. JOHNSON & SON, Dept. H. Q. 7, RACINE, WIS.

(Continued on page 82)

Gothic Renaissance influence is seen in the early 16th Century sign, with canopy and human figure.
 Exactly what is it that causes women to speak of Type 6i Cadillac with such special enthusiasm?

Is it the car’s beauty, or its comfort, or its dependability that accounts for the preference which they undeniably show for it?

No one who has seen the admiration in a woman’s eyes as she viewed the graceful outlines, rich upholstery, and harmonious appointments of the Cadillac could doubt for a moment the appeal of its beauty.

Similarly, there is no question that women place a high value on the car’s comfort, as revealed by the restfulness of the cushions and the ease and evenness of its travel.

But we doubt whether its beauty, or its comfort, or even its dependability is sufficient to explain women’s favor for the Cadillac.

Isn’t this favor due, rather, to their conviction that the Cadillac includes in full measure, not one or two but all of the qualities which they desire in a motor car?

Isn’t it inspired by their knowledge that whatever they call upon it to do, from whatever standpoint they consider it, in whatever company it may be, the Cadillac stands out as a fine and exceptional car?

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation
Stability!

TOWERING massively in Detroit’s teeming public square, this splendid pile befits the institution it houses. An abiding monument to stability!

Stability—steadiness; firmness; fixity of character; age-defying strength. These are traits as vital to a great bank building as to the sinews of that building’s many sturdy silent doors.

McKinney Hinges, chosen to give these doors that stability, were selected on the strength of the good character which, through more than fifty-seven years, has been wrought into the very fiber of these beautiful, suitable adjuncts to well-ordered buildings and well-planned homes.

Your own home, or any building which concerns your money, merits hinges as good as McKinney Hinges definitely are. For stability’s sake!

Many people have welcomed the guidance of the practical book called “Suggestions for the Homebuilder.” It adds much useful data to its concise copy for you. Free and postpaid, of course.

MCKINNEY MANUFACTURING COMPANY
Pittsburgh, Pa.

Western Office: Wrigley Building, Chicago

Hinges and Butts and Hardware

Hinges and Butts and Hardware

pattern, to give a flower-like effect.

The hood over the vertical knocker is an idea particularly Spanish. At first crude in form, it blossoms into rich crowns, semi-circular in form, a feature of Spanish door knockers even throughout the Renaissance days. Seeming lack of stability and finish at both sides of the back-plate caused the Spanish smith to add alternate buttresses invisibly riveted from the back and further ar-

chitecturalizing his work by cabling the lintorl surrounded by small pinacles.

Detailed as the knockers may be, their appearance of richness and quality was but a fundamental feature in Spanish ornament, for in the massive solidity of the Spanish door, the craftsmanship was the treatment of the doors only was produced the final effect. The skill that result could be achieved in a house with simple and not costly in-

THE MARVELS OF MID-SUMMER PLANTING

(Continued from page 62)

plants grow is usually 6" or 8" deep with a layer of sand below it into which the roots do not penetrate. The plants can then be taken out with a sharp spade with solid chunks of earth surrounding their roots.

One particularly worthwhile phase of mid-summer planting is that any large sized individual plants for a garden background can be seen and known exactly as they are going to look. One does not have to imagine them in leaf as in the case of spring and fall planted shrub masses. The ability to get these immediate effects often times more than balances the slight extra labor involved. Such shrubbery is the making of the late planted flower garden which is of great need of backgrounds and enclosures for shelter and seclusion.

We are getting rather accustomed to the moving of all kinds of evergreens at almost any month in the year. August seems to be as favorable a month as any. For evergreens August is better than July because by August the new growth has had time to harden. If this new growth is not sufficiently hardened the new ends of the branches are apt to droop during transplanting and they remain in this wilted position. When next year’s growth stands out straight in its normal position it gives the tree a curious cramped look which it is apt to retain for several years at least.

TRANSPANTING TECHNIQUE

The successful mid-summer planting of deciduous trees requires a great deal more technique in the mechanical art of moving and a great deal more knowledge of tree physiology than flower or even shrub planting. The present day methods of ball and platform moving upon specially constructed trucks has made successful mid-summer moving of deciduous trees an accomplished fact. They are moved by what is known as the “ball,” the “half-ball” and “bare root” methods. The ball method is that in which the tree is dug with a ball of earth entirely inclosed in a canvas cover and lashed to a platform. This method is most suitable for the difficult varieties such as oaks, gums, tulips and magnolias, and would apply only to trees up to about 6" in caliper, the weight of a ball for a larger tree would be too great to handle readily.

The “half-ball” method is used for slightly larger trees or for small trees of a variety more readily moved, such as elms and maples. In this case the roots of the trees are dissected out for their entire length and are wrapped in wet straw. A ball of earth is built up, which is held tight by a canvas with the roots set down, allows the roots to stick out, while the tree is lashed to the platform. I have seen trees up to 12" in caliper handled by this method. The bare root method is probably not so suitable for mid-summer work inasmuch as all the dirt is shaken from the roots at the time of transplanting. It is used also for nurseries grown plants, and would apply as the weight of a ball for a larger tree would be too great to handle readily.

The usual method of soil preparation for large trees is followed except that no heating manure is put in the bottom of the hole.

TREATMENT AFTER TRANSPLANTING

There are three methods used in the treatment of the trees after the transplanting is done, in order to counteract the disturbance to which the root system has been subjected. Sometimes the tree is severely pruned. This method gives the tree an unnatural shape, the time heating and spoil its immediate effectiveness which is of course one of the very reasons for moving in mid-summer. Sometimes trees stripped of its leaves. This has been found worthwhile in some cases, it again spoils the immediate effectiveness of the tree and its winter-like appearance during the middle of the season is anything but pleasant. Some people do not seem to be annoyed by the appearance of a dead or dead-leafing tree in the midst of a supposedly late leafing of the sycamore and of catalpa makes them objectionable lawn planting.

Some trees and shrubs will lose all their leaves at mid-summer planting, and they sometimes lose their tender leaves in the spring transplanting. To recover their foliage during the summer or wait until the next spring growth shows. Giosa roses transplanted in August lose their leaves and come into flower again during September. Oaks, beeches, hawthorns and red maples have been known to stand bare until the next spring without injury. It is an interesting fact that summer transplanted trees and shrubs begin to color earlier and lose their leaves earlier than the shrubs around them.

Sometimes, however, the tree (Continued on page 84)
The Packard Motor Car Company presents the Packard Single-Eight, embodying principles and results hitherto unknown.

Companion to the Single-Six—successor to the Twin-Six, the Single-Eight demonstrates an ample margin of superiority in performance over any possible claimant for comparison, American or Continental.

Packard Single-Eight is a rational and logical development, contributing, we believe, a new page to the annals of motor car engineering.

It is unique in that it does away forever with the idea that complexity and high maintenance cost are the penalties for attaining the utmost in fleetness, acceleration, flexibility and motoring luxury.

Here is a car with such an abundance of power as to dwarf the ability of any other in the world, so easily controlled that it will respond to the lightest touch, so brilliant in appearance that its beauty is dominant in any company.

The Packard Motor Car Company invites you to enjoy behind the wheel of the Single-Eight, an experience which no words of ours can adequately portray in advance.

Furnished in Nine Distinguished Body Types, Open and Enclosed, at Prices Ranging from $3650 to $4950, at Detroit.
NEITHER PRUNED NOR STRIPED OF ITS LEAVES.

There is a happier method which has been found very satisfactory. The tree is pruned, mulched and constantly watered. The mulch must be of straw or of some non-heating material spread over the entire root area to the depth of five or six inches. It must never be of straw which is too heating. Abundant watering is absolutely necessary. The hose should be running constantly and moved from tree to tree at intervals—a hose divided between a half dozen trees or so. This is especially necessary in soft sandy soils. In clay soils in watering should be taken and sufficient drainage should be provided so that the tree is not left standing in water and the roots allowed to decay. The same principle of deep watering applies to trees as well as to perennials. If possible it is well to put too punch holes with crowbars to the depth of 2 or more over the root area of the tree and to allow the hose to run and to fill these holes. In this way we are assured that the water will go down where the roots are. If only the surface is moistened the roots will come up and when we think the period of watering has been of sufficient duration the tree will die from thirst.

A distinction should be made between planting done during July and August and planting done in June. June planting should be avoided because the soft growth then on the tree will almost surely wilt and present a sorry appearance.

PLANTING TREES IN LATE SUMMER

July and August planting has advantages over fall planting. The tree has time to recover from its migration before the cold weather sets in and is then ready to show its real beauty in the spring. When a tree is transplanted in the fall it simply holds its own during its dormant period and when it begins to recover from the shock. July and August planting has advantages over spring planting. Labor is easily obtained, superintendence can be more carefully attended to than in the rush and pressure of spring work. The work can proceed more efficiently, one tree can be handled at a time, the transitions can be accomplished more quickly and efficiently.

It is advisable to avoid mid-summer planting for trees such as tulips and sweet gums of large size that are normally difficult to move. Apple trees and hawthorns are difficult to move. Dogwoods should not be moved in mid-summer. Birches are especially touchy and do not even tolerate fall planting. Beeches are extremely difficult to move though 20' trees have been moved successfully in July. Magnolias are not easy to move but have been transplanted with success in mid-summer. September first is the very latest date to try moving them; however, it is generally advisable to avoid mid-summer planting for all trees with flabby roots. Sweet tulips and magnolias belong to this group. The roots of the magnolia, for instance, are very easily bruised and turning purple get what seems like a kind of blood poisoning which is generally fatal. Oaks, too, with the single exception of the pin oak, are difficult to move. This distinction is worth while noting, I think, because it illustrates a general principle. The pin oaks have a fine root growth and grow on moist or swampy ground. They, therefore, easy to dig with a bail, their fibrous roots are not much disturbed. All the other oaks have long straggly roots, veritable claws, which few homes can adjust themselves so quickly and slow to make a new foothold.

THE KINDS MOST EASILY MOVED

The trees that can be satisfactorily moved are elms, pin oaks, and all various maples, more particularly sugar, silver and Norway maples. Hornbeams can be moved, morning ashes move easily, oxycodendrons moved with success. Willows, pop and locust also move with great ease.

Mid-summer planting is only well for trees up to 6' in height. If the moving of larger trees is attempted it will be found that the cost of moving them with a half-hour's labor is prohibitive. A tree of 20' caliber has usually a height of about 10' and has a fair spread depending upon its location. If it has been growing in the open it may have as much as 30' spread, while a tree standing in a close nursery will be cramped and unnatural in appearance.

Mid-summer planting does lend itself to the use of specimens. It is the most important safeguard for those trees in large groups and masses so that they can shelter another. It is always advisable to feather down the planting with shrubs so that the trees are protected as much as possible from the winds that blow out the undersides of the leaves. Marks, over, in mass planting the occasional loss of a tree here and there does not count.

This kind of planting lends itself therefore to boundary planting to hedgehog effects. It lends itself to the beauty of the natural woods to fence in groves and groups. Anyone who has caught the spirit of the bosquets in Italian gardens, where trees were planted in vast numbers and in great masses upon open plains, can easily understand this kind of planting lends itself best to groves and hedges. Hornbeams and other oaks have been found very satisfactory. The tree is well mulched and constantly watered. The pin oaks have a fibrous root system and are very much adapted to hedges and other separating effects. It lends itself best to groves and hedges.

Mid-summer planting lends itself to the idea of using some of the roots in soft sandy soils. In clay soils the roots should be thoroughly cleaned so that the tree can be planted in loose open plains, can easily understand this kind of planting lends itself best to groves and hedges.
FROM PLAN TO POSSESSION

BEAUTY - QUALITY - ECONOMY

To the owner desirous of securing a home of outstanding distinction, in both quality of design and construction, the entrusting of this entire problem to Patterson-King is now considered a matter of course.

Those Prospective Owners who are not familiar with Patterson-King methods will be mailed "The Home-Builder's Questionnaire," upon request.

PATTERSON-KING

452 LEXINGTON AVENUE, NEW YORK
cuts across it on the bias; yet this is one of the misdemeanors which garden amateurs must persistently perform. The proper grading of a site is nearly always a troublesome task, but without it there can be no such thing as a successful garden. Besides, there are no more delightful features of a garden than those which generally come with a thoughtful disposition of the grades—walls, steps, and leveled terraces. All these things have been worked into the garden here, but none of them has the air of having been made simply for the sake of a wall, a flight of steps or a level space. They have grown naturally out of the conditions of the site, and the stones for the walls and steps were probably gathered on the spot.

This upper garden makes a delightful place for perfect leisure. It has shade, seclusion and a view. The ten foot hedge of clipped yew not only affords privacy from the road but forms a splendid rich, deep green background for the riot of color in the upper border. The vine covered wall of the house on one side and the heavy massed planting of flowering trees on the other complete the enclosure and create the shade.

From this pocket of a garden high on the ground of the place the lawn slips down to the water. It is frankly nothing but an area which have been planted irregularly with lumps and clumps of larkspur and lupines, bluebells, violets, and junipers, together with small flower shrubs to give body to the scheme.

Taken all in all, this little court place in Sussex is one of those establishments which must always dispair of every homebuilder who wants the most livable and contented thing obtainable. Of course, this particular house and garden achieved those qualities so delightfully because the generations with which it grew up wanted few things else and pretentiousness was not at all. And with a perfect site like this, its disposal, and good taste as something has been evolved which even finer than the clever counterfeits that the movie geniuses create in Hollywood.

HOW TO KNOW REAL WATERFORD (Continued from page 45)

Opinions differ about the care which Waterford and old Irish glass should be held cleaning and polishing them, since there are no more durable than Waterford or old Irish glass. So carry out the cleaning and polishing with a chamois leather. Thus, treated, the old glass from Cork is exceedingly hard to imitate, and the gray-blue tinge becomes, in the faker’s hands, a troublesome task, but without it there can be no such thing as a successful garden. Besides, there are no more delightful features of a garden than those which generally come with a thoughtful disposition of the grades—walls, steps, and leveled terraces. All these things have been worked into the garden here, but none of them has the air of having been made simply for the sake of a wall, a flight of steps or a level space. They have grown naturally out of the conditions of the site, and the stones for the walls and steps were probably gathered on the spot.

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Taken all in all, this little court place in Sussex is one of those establishments which must always despair of every homebuilder who wants the most livable and contented thing obtainable. Of course, this particular house and garden achieved those qualities so delightfully because the generations with which it grew up wanted few things else and pretentiousness was not at all. And with a perfect site like this, its disposal, and good taste as something has been evolved which even finer than the clever counterfeits that the movie geniuses create in Hollywood.

HOW TO KNOW REAL WATERFORD (Continued from page 45)

Opinions differ about the care which Waterford and old Irish glass should be held cleaning and polishing them, since there are no more durable than Waterford or old Irish glass. So carry out the cleaning and polishing with a chamois leather. Thus, treated, the old glass from Cork is exceedingly hard to imitate, and the gray-blue tinge becomes, in the faker’s hands, a troublesome task, but without it there can be no such thing as a successful garden. Besides, there are no more delightful features of a garden than those which generally come with a thoughtful disposition of the grades—walls, steps, and leveled terraces. All these things have been worked into the garden here, but none of them has the air of having been made simply for the sake of a wall, a flight of steps or a level space. They have grown naturally out of the conditions of the site, and the stones for the walls and steps were probably gathered on the spot.

This upper garden makes a delightful place for perfect leisure. It has shade, seclusion and a view. The ten foot hedge of clipped yew not only affords privacy from the road but forms a splendid rich, deep green background for the riot of color in the upper border. The vine covered wall of the house on one side and the heavy massed planting of flowering trees on the other complete the enclosure and create the shade.

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More generous commendation has seldom been extended to a motor car than that evidenced in the readiness with which the Lincoln was accorded its place among the aristocracy of the automotive world.

Although one of the youngest of fine cars, it already has its traditions. The sound engineering embodied in its design—the faithful accuracy of its manufacture—the resultant faultless performance through many years of life—these have, from the very first, been unanimously granted it.

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LINCOLN MOTOR COMPANY
DIVISION OF FORD MOTOR COMPANY, DETROIT, MICHIGAN
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The latest NEW PERFECTION range is equipped exclusively with SUPERFEX Burners. One burner on every stove is the big GIANT SUPERFEX. The others are "little giants" or standard size SUPERFEX Burners. The standard SUPERFEX equals the cooking speed of the ordinary gas burner and is faster than any other oil burner, except its own big brother the GIANT SUPERFEX. And the big GIANT itself is unsurpassed even by the giant gas burner.

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Two swift, submissive servants to speed up cooking—these are the powerful SUPERFEX Burners of the NEW PERFECTION Oil Range. In one short year this beautiful new range has won the enthusiastic praise of thousands of users, the country over.

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Price of range illustrated $80.15
Stove, without cabinet and oven $88.50
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In addition to the new SUPERFEX Models our long established Blue Chimney Models of the NEW PERFECTION line used in 4,000,000 homes, continue to be the world's most satisfactory oil stoves at their lower range of prices.

THE CLEVELAND METAL PRODUCTS COMPANY
7187 Platt Avenue
Cleveland, Ohio

A PLANTING

(Continued from page 30)

Informal Formality

yellow-wood; double scarlet thorn; pearl bush with its early emerald leaves; and hybrid lilacs with immense heavy trusses of white, pink and dark- est purple. The sturdy pink weigela and bush honeysuckles were used to screen the street, affording little temper- ation to pilfering passersby. In front of these, pink flowering almonds and tulip Pirozze stand forth above the dwarf yews; and nearby are the sweet pink clusters of the Korean viburnum. Later, the fragrance of the hybrid philadelpus, lemon lily, and Harrison's Yellow rose is followed by the spicy pungent pepper bush in midsummer.

Nor does the autumn lack interest, either of fruit or vivid foliage. Japanese barberry, Euonymus alatus, sored tree and bellflower (Enkianthus) all put on coats of red; blue berries on arrow-wood and turquoise vine, together with white on the snowberry, attract the birds.

To insure a restful effect, but few flowers were used in the composition. On the other side of the house the craving for color was indulged by a herbaceous border, but here a few very choice single peonies, a long drift of white foxglove, a single clump of lavender Japanese iris beside the pool, a pink mallow, with spikes of Lythrum salmonae, were quite spectacular enough.

It would have been following the accepted tenets of design to have the arbor "on the axis" of the turf panel, directly opposite the windows of the house. In this particular instance it is enjoyed more as arranged. As an ad- junct to the shady side of the garage it forms a more attractive shelter than ever would have been, if set amid newish shrubbery, facing afternoon sun. The rustic pole needed of bark and painted white, the building, which is embellished with latticework and a door of brilliant em- green, as are the Windsor chairs, and table. This door with work and painted latch reports salvaged from an old farmhouse. A threshold is an old millstone. On the house, the mended pottery of mingled blues and greens of delicate tracery like a white grape, turquoise berry, and clematis creeper; gay clematis and other clematis make of the arbor a co- place. Until the piping for the pool can be arranged, a shallow dish refreshment to the birds.

Since flagstones are practically obtainable in this locality cost fragments from the old garage were used instead. Their hidden origin is never suspected. In crevices are the following wild-plants—dwarf moss-like Sedum sempervivum (hen and chick), Gypsophila cerastoides, with its mats of white; and the tiny my- pink, its tiny cerise blossoms and like foliage triumphant under amount of tramping. In the border along the sides of the arbor are umbellifers, primroses, violets, Solomon's seal, and lilac—all added to shade.

Since it was not feasible to rout the driveway which lies between house and this little informal gar- den it was suffered to remain, though presumably would be French stone, and a terrace next to the house.

Plan

THE CLEVELAND METAL PRODUCTS COMPANY
7187 Platt Avenue
Also Makers of PERFECTION Oil Stoves
Sold in Canada by Performance Stove Co., Ltd., Sarnia, Ont.

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Oil Range with SUPERFEX Burners
Oriental Rugs

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While exacting no premium in their cost, these interesting Oriental Rugs serve not alone a purpose of utility but add a distinctive charm to the home.

We will be pleased to furnish details of those rugs we have that may be particularly suitable to your requirements.

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In the bright or neutral tones of your own choosing this stick willow furniture makes a group which is especially delightful on porch or terrace. You will find other appealing pieces, too, for the Barto collection contains every type of reed and willow furniture.
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Built throughout of beautifully figured American walnut, drawers and cabinets mahogany-lined, it interprets for modern use some of the finest traditions of Colonial cabinet-making. In beauty of design, in sincere, honest craftsmanship, it worthily expresses those ideals that have marked Berkey & Gay furniture for over 60 years.

"The Cambridge" is featured nationally this month to make it clear that you can buy Berkey & Gay quality at as low a price as true economy will permit. See it at your Berkey & Gay merchant's. (To the uniform prices quoted below he adds freight charges.)

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<tr>
<th>Item</th>
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<tr>
<td>Sideboard</td>
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<td>China Cabinet</td>
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<td>Table</td>
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<td>Armchair</td>
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and heavy, they have an unusual
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mountains blends with the foliage of his
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now partly hidden by some ho:

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Perhaps one of the most influential artists of the latter 19th Century England was William Morris. Together with a group of fellow artists he strove to turn the taste of that day away from the vulgarities of the Second Empire period and its imitations to a more natural and unaffected expression of beauty.

To the decorative arts particularly William Morris devoted his attention. His intimate knowledge of the technicalities of weaving and dyeing, in addition to his great ability as a designer, enabled him to express on fabrics some of the best of his artistic achievements.

This exquisite design printed on linen in several charming color combinations is characteristic of William Morris’ work. It is exclusive in this country with F. Schumacher & Co.

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

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

Just before Pyorrhea strikes—to undermine the teeth and health—kindly, knowing Nature sends a warning: the gums are tender and bleed easily.

Take heed immediately, before it is too late, before the gums recede and the loosened teeth must be extracted, before the germ-laden pus-pockets form, before infection spreads throughout the system.

Better yet, play safe. Don’t wait for Nature’s warning. Four persons out of every five over forty years of age, and thousands younger, are afflicted with Pyorrhea. This is the immutable law of averages. Your dentist will tell you that.

Go to him regularly, systematically, for tooth and gum inspection. And brush your teeth, twice daily at least, before the germ-laden pus’pockets form, before infection spreads throughout the system.

Forhan’s For the Gums today. Brush your teeth with it regularly. Remember, in your case, the odds are 4 to 1 in favor of spreading the Bacillus Botulinus (a dangerous organism). The spores of Bacillus Botulinus are very rare, occurring in some regions more than in others, but the Government gives these methods to guard against it and we quote:

1. Make it the absolutely invariable rule never to can any vegetable or fruit not in first-class condition; that is, do not can food which is slightly moldy or specked, oversoft, or “just ready to spoil,” or partly rotted. Cutting in the soft, partly rotted state and using the rest for canning may prove very poor economy in the end.

2. Give all canned food a careful and rigid inspection at the time the can is opened, and discard any material having an unusual appearance or odor, without even tasting it. It is a useful precaution to notice the odor of the vegetable while it is boiling since heat often intensifies certain putrefactive odors.

3. Roll the food as it comes from the can before tasting it. The spores of Bacillus Botulinus may withstand long boiling but fortunately are not likely to grow in the human body. Their poison, however, is destroyed by thorough boiling; certain authorities recommend that the boiling process be continued for 30 to 45 minutes. It must be clearly understood, however, that we cannot safely consume spoiled food even after boiling.

4. The final disposal of canned goods which have spoiled, or are suspected of spoilage, is a matter of real importance. Chickens and other animals may have some influence in preventing the poisoning of domestic animals.

5. Throw away any can or jar when in doubt.

6. Swill the mouth clean and healthful, preserve your priceless teeth, safeguard your precious health.

Forhan’s For the Gums is the formula of R. J. Forhan, D. D. S. It is time-tested, efficient, safe. The foremost dentists recommend and use it.

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Forhan’s
FOR THE GUMS
More than a tooth paste—it checks Pyorrhea

Formula of R. J. Forhan, D. D. S.
Forhan Company, New York
Forhan’s, Limited, Montreal

THE CANNED GARDE

(Continued from page 94)

2. If it is a glass jar, beware of bubbles or mushy look of foods inside.

3. The lid must take some force to remove. (The partial vacuum of course is due to the jar being sealed while its contents are almost at boiling point, air contraction and steam condensation being the causes).

4. A tin should be smooth or look a bit pushed in.

5. Discard any bulgy can.

6. Throw away can or jar when in doubt.

7. Throw away if unduly sour.

8. Never swallow when you taste to test.

The rare poisonings occurring from canned goods show that there is little danger when it is done correctly. The Bacillus Botulinus is very rare, occurring in some regions more than in others, but the Government gives these methods to guard against it and we quote:

1. Make it the absolutely invariable rule never to can any vegetable or fruit not in first-class condition; that is, do not can food which is slightly moldy or specked, oversoft, or “just ready to spoil,” or partly rotted. Cutting in the soft, partly rotted state and using the rest for canning may prove very poor economy in the end.

2. Give all canned food a careful and rigid inspection at the time the can is opened, and discard any material having an unusual appearance or odor, without even tasting it. It is a useful precaution to notice the odor of the vegetable while it is boiling since heat often intensifies certain putrefactive odors.

3. Roll the food as it comes from the can before tasting it. The spores of Bacillus Botulinus may withstand long boiling but fortunately are not likely to grow in the human body. Their poison, however, is destroyed by thorough boiling; certain authorities recommend that the boiling process be continued for 30 to 45 minutes. It must be clearly understood, however, that we cannot safely consume spoiled food even after boiling.

4. The final disposal of canned goods which have spoiled, or are suspected of spoilage, is a matter of real importance. Chickens and other animals may have some influence in preventing the poisoning of domestic animals.

5. The two or three tables must be and not tilt. Covered with liner or whatever happens to be your top.

6. The stove must work. The fire, cooker, electric or non-fireless cole, gas, oil or whatever we:

(Continued on page 98)
Somewhere West of Laramie

SOMEWHERE west of Laramie there’s a broncho-busting, steer-roping girl who knows what I’m talking about. She can tell what a sassy pony, that’s a cross between greased lightning and the place where it hits, can do with eleven hundred pounds of steel and action when he’s going high, wide and handsome.

The truth is—the Jordan Playboy was built for her.

JORDAN

JORDAN MOTOR CAR COMPANY

Cleveland, Ohio
They are NOT higher priced

Twenty-four Hours a Day
Year-Round Production!

Such a gratifying production means but two things—

An ever-strict adherence to highest quality standards, with resultant manufacturing economies which always are reflected in the selling price.

PENNSYLVANIA RUBBER CO. OF AMERICA, INC.
Jeannette, Pa.
A Pair of Thoroughbreds

The Oldsmobile Eight Super Sport
and the Sport Roadster

Built for people who make the most of summer, the Super Sport and the Sport Roadster are thoroughbreds. They have real distinction because they are built to be true sport cars—not just conventional cars with accessories added as an afterthought.

Their low, clean-cut bodies are done in Weathered Bronze, a soft new shade of green. The rich brown Spanish leather upholstery and the olive Burbank top complete a color scheme of summer-time harmonies. Every refinement that would increase the joy and comfort of driving is present.

And best of all, these cars are Eights—meaning that while you are hardly conscious of the engine, you enjoy the smoothness and flexibility that only an eight can give. Moreover, General Motors Research Laboratories proved the Oldsmobile Eight the most powerful engine of its size in America.

Drive either of these twin sport cars and you’ll appreciate the difference between ordinary transportation and luxurious, exhilarating travel.
sympathetically and controllably.

It is often convenient to have large trays on which to place your different sets of canning implements. These trays come in aluminum, enamel, or pottery. Vegetable brushes, too, are invaluable to remove any surplus dirt before the process of canning starts.

Colanders and sieves for draining come in various kinds and varieties; tin, aluminum, enamel. Do not leave aluminum in canning processes, experiment has proved that it has no effect on foods.

For the blanching process you can fall back upon the dear old pal “cheese cloth,” or wire baskets. Many of these wire baskets and strainers are made with racks and clamps for steadiness and comfort.

Then some large container, a bucket may do, but if you procure the large pots made for canning it is a neater and a nicer performance.

You will need several kettles for blanching and rinsing after blanching. Don’t forget to have a tea kettle, a copious one, always on deck with boiling water. This will save steps, time and food, because you will then always have boiling water to supply to thirsty jars and for renewing blanching waters.

CUTLEVER

Get knives that cut and that are especially adapted for the vegetables you are going to cut. Remember that a vegetable knife that is suitable for potatoes or string beans will not cut pineapples or squashes readily.

The spatula or flexible bladed knife will be a tremendous asset to you. It will scrape out your bowls, save your time, material and altogether give your work finish. The kitchen without the spatula is like the garden without the rake. If you cook your canning foods first, you can remove bubbles from your jars with a spatula, also wooden paddles.

It is not out of place here to speak of the stoners, electric fruit squeezers, choppers, slicers that are now being made for your delight. These are attachable to the table edge and quite out of the way and handy. Last and not least among these things is the tiny little inexpensive chopper which saves the time, material and altogether give your work finish. The kitchen without the spatula is like the garden without the rake. If you cook your canning foods first, you can remove bubbles from your jars with a spatula, also wooden paddles.

The stainless steel cutlery, of course, is quite ideal unless you can have silver knives that cut. Some acids in fruits and vegetables hurt the ordinary steel knife but the stainless steel is pretty well nigh impervious.

Handle-fitted trays for holding and lifting out the jars while in the boiler are imperative needs. These must be set up a few inches from the bottom of the boiler and must be so that the handles do not become too hot to hold. These are usually made of skeleton wire. A false bottom may be provided for the boiler too. If you have this and not the handled tray, you will need some of the jar lifter provided by able manufacturers. If you have a large button hook and the sort of jar with a good clamp, you can lift out your jars with it very nicely.

The seal and the proper weights and measures will make the mess work out of quantity hitting. The saccharimeter to measure syrup thickness or density may or may not be useful. We should say unless you are doing canning or preserving for a huge household or for a business it is not absolutely necessary to have a saccharimeter, though, if you do use one, it is a tremendous boon in helping you. A new thermometer, of course, is necessary.

If you are going to try a product before canning then you will need your sieves, spoons, funnels, and saucepans. The clock that keeps time, too, is a valuable accession to home canning.

FRUIT JUICE PRESS

For your convenience in one way another you will be glad to know of new press which crushes the juice from fruits simply and easily. Wooden utensils are convenient for crushing fruits, and enamel and aluminum for handling the pressed pulp. Above all the glass container is white for storing. This press is of wood and central steel screw pin and handle.

KINDS OF CANNERS

This is the simplest canner. It may be just any old thing that can hold your jars and sufficient water, provided with a false bottom it is a safe canner.

These are buyable outside and provisory at home. The glass canning jar or metal wash tubs covered snugly has often been used to very good ends indeed. The false bottom all bottoms have strips or heavy wire netting. In fact, all the bottom is supposed to do is raise the jars so that the water and air can circulate and keep the jars from jarring and bumping.

This consists of a double walled boiler and cover which extends down into the water, thus making in all three ways. The steam pressure cooker is made very strong material fitted with a tightly adjusted lid which is so clamped down as to permit of a pretty high pressure.

Most pressure outfit will carry pressure up to 30 pounds with, of course, the corresponding temperature from 212° to 274° Fahrenheit. Here you have the pressure gauge, safety valve steam pet cock, and the whole thing is regulatable as to pressure and temperature. It is therefore suitable for processing vegetables difficult to cook, and in high altitudes where the temperature of boiling water is far below 212°. Full directions come with the cooker, which is also usable for meat and daily cookery of all sorts. It can be had from the house holding three large jars of preserves, also small jars of honey.

GLASS JARS

The jar’s nearest ally are the rubber seal rings. Don’t use the rubber of yester-year. Always buy new ones and remember you must test these when you get them home. Remember in canning these days try to use rubber as no old-time open kettle lid is any fit.

The glass question is a varied one. The variety of glass containers are such that a choice is amusing:

1. Glass jars: with metal screw tops lined with pure rubber and rubber ring for air tight fitting. The tops are usable until they wear out.
2. Glass jars: with tops which must be punctured before removing.
3. Glass jars: with tops which must be pierced to them by a rubber ring and a wire clamp.

(Continued on page 100)
If there is one word which will sum up the average owner's impression of Dodge Brothers Touring Car, that word is dependable.

If there is a word to express the quality which Dodge Brothers have striven, above all else, to build into the Touring Car, it is—again—dependable.

Indeed, it is not too much to say that the word dependable has come to be definitely associated, the nation over, with Dodge Brothers Touring Car—and the other vehicles bearing their name.

Nor have Dodge Brothers built this enviable reputation through advertising. They have built motor cars, so dependable in fact that the word has presented itself automatically to the public mind.

The price is $880 f. o. b. Detroit
1. **GRAULITE** is a revolutionary method of wood treatment, like nothing else, now placed on the market in its perfected state.

**GRAULITE**, The Master Finish for Wood, is the result of years of experimentation in producing a beautiful, transparent, durable and impervious finish for all woods, yet a finish which would effect a saving in the time and labor involved in its application.

**GRAULITE** is unique in that it is a Filler, Stain and Finish in one.

**GRAULITE** is not a paint, nor a varnish; neither does it contain shellac nor other materials ordinarily used in the manufacture of paint and varnish. **GRAULITE** is not merely a surface finish; it is the uniform temperature which electrical heating supplies. This does away with all possibility of imperfect or intermittent sterilization, which, as those who have occurred to the old-fashioned housekeeper to treat in this way, part of the equipment required is simple and not expensive—an electric fan and a drying tray. (Any home manufacturer with ingenuity can fashion these for herself.) These trays—all four in number—have wide rims and bottoms of galvanized wire screen covered with a thickness of cheese cloth to prevent the possibility of imperfect sterilizing the product. “Drying racks” are called, and when the electric fan is placed in front of them, tilted slightly upward or at an angle of about 30° breeze plays up through the screen in due course “dehydrates” the fruit or vegetables to a condition that allows keeping them over the winter. These trays can be stored in muslin bags or paper containers and put away to furnish delectable showing. Where it is desirable or necessary in the making of preserves, to use an open kettle method, the electric fan is, of course, nothing new; it is a new version of the drying trays of our grandmother mothers and fathers used to employ (except that new process is applicable to nearly all fruits and vegetables, including those which it would not have occurred to the old-fashioned housekeeper to treat in this way.) The equipment required is simple and not expensive—an electric fan and a drying tray. (Any home manufacturer with ingenuity can fashion these for herself.) These trays—all four in number—have wide rims and bottoms of galvanized wire screen covered with a thickness of cheese cloth to prevent the possibility of imperfect sterilizing the product. “Drying racks” are called, and when the electric fan is placed in front of them, tilted slightly upward or at an angle of about 30° breeze plays up through the screen in due course “dehydrates” the fruit or vegetables to a condition that allows keeping them over the winter. These trays can be stored in muslin bags or paper containers and put away to furnish delectable showing.

**WALL TEXTURES inside the HOUSE**

(Continued from page 61)

a limitation in the matter of texture, even if there were no limitation in color possibilities—and in houses not over securely built there was, and is (who deny it?) the ever existing danger of cracks which occur even in the best plastering when the frame settles. Better plaster bases, more rigid metal lath, and other inventions, have gone far to minimize this danger, and sanded plaster finishes, tinted or painted, are as good as they ever were; in fact, they are better.

But new architectural fashions began to demand something more in the way of textured plaster walls. First there were houses in the Italian villa manner, done in greater or less resemblance to their prototypes, and now, demanding texturing even more textural, there are Spanish interiors, done in ways ranging from fine and studious expressions of the style to things which a good art director would not accept for a motion picture set. From present indications we may well make up our minds to a wave of popularity for interiors in or near the manner of the Spanish Renaissance. If they are well done they can be extraordinarily interesting and colorful, and can add a distinctive and picturesque touch to our compendium of adapted architectural styles.

Also demanding rough plaster finishes are certain types of English country houses, notably the mediaeval Jacobean and the modern country house. Here rough plaster work is the natural and necessary complement to rough woodwork, tiled or flagged floors of that sort of thing.

But rough plaster walls, obviously, are exactly what not in connection with any kind of Gothic interiors, 18th Century French interiors, or any but the earlier types of interiors generally called “Colonial.” In these, and in many other types of paneling, brocades, silks, and necessary complement to rough woodwork, tiled or flagged floors of that sort of thing.

One of the most varied and adapted of all recently developed treatments, textured walls is one which is not (Continued on page 102)

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**GRAULITE** The Master Finish for Wood

**GRAULITE** is a revolutionary method of wood treatment, like nothing else, now placed on the market in its perfected state.

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**WALL TEXTURES inside the HOUSE**

(Continued from page 61)

4. Glass jars: self-sealing but after it is sealed you cannot open it. Flavor of fruits or vegetables is lost for any reason during the processing. These have a lacquer metal top. Around the top is a narrow lining of a composition which when heated softens and sticks to the glass and, while the adhering is going on, the wire clamp holds it together and is removed after it is sealed.

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CURTAINS that conform to the best ideas in modern decoration are these of Lustre-Lace from the Scranton Looms. In their beauty is expressed not only the skill of master weavers, but is shown also the fine originality which is characteristic of Twentieth Century design.

Heretofore, lace curtain-fabrics have been indisputably lovely, but dull-surfaced as are most cotton things. It remained for Scranton to create a lace so shimmering and silken of texture that it vies in sheen with the richest satin. Imagine this textile of airy though luxurious mien, woven throughout with varying patterns of the greatest charm, and you have a fair conception of this newest of all new curtain-laces.

The better to visualize Scranton Lustre-Lace Curtains, however, we would suggest that you see them at your favorite store. Ask also to see Scranton Super-Filet Curtains, Shadow Laces, and Filet Nets.

Curtain selection is made easy for you by this interesting booklet, “New Outlooks for Every Home.” Another valuable aid for the home decorator is the “Scranton Bedspreads” booklet. These illustrate new and authoritative treatments for every type of window and bed. Fill out and mail coupon to-day, and if you have an unusual curtain problem, write our Service Department about it.
This is typical of the experience of thousands of home owners with Frigidaire. In these homes Frigidaire is providing a better, more healthful method of refrigeration than it is possible to ever obtain with melting ice. Its constantly cold, dry atmosphere keeps food longer and in a perfect state of preservation, and retains the original flavor and tastiness. It operates from your home electric current at an average cost of many times its cost.

There is a style and size of Frigidaire to meet your requirements, purchasable for a moderate price on very easy terms. Write for booklet HG 8

DELCO-LIGHT COMPANY
Subsidiary of General Motors Corporation
Dayton, Ohio

We would not part with Frigidaire for many times its cost ~

"The Frigidaire installed in my home is eminently satisfactory. It functions perfectly, we are greatly pleased and consider it the best modern improvement in our home. It seems to be perfect in its automatic operation. We would not part with Frigidaire for many times the amount it costs if we knew we could not get another one."

A. P. SHALLEY
2707 Shreve Avenue
Indianapolis, Ind.

Two detail photographs of brushed plaster wall finishes which combine color and texture in a wide variety of effects

WALL TEXTURES inside the HOUSE

(Continued from page 100)

a plasterer's job, but which is applied with a brush. It is in powder form, and needs only to be mixed with warm water and applied to practically any surface, whether old or new. Several of the varied effects of this wall treatment are shown in the detail illustrations. The complete application of this finish includes the mixing of the first coat with a sizing compound, which also comes in powder form, and is dissolved in boiling water, and the final finishing with a ready prepared plugging medium, transparent and drying with a soft sheen.

In the application of this finish, which consists of both materials and method, a great variety of effects is obtainable, from simple one-coat stippled washes to highly elaborate effects of blended color. It has been especially developed for the reproduction of the antique effects of Spanish and Italian plaster work, as well as for walls imitating travertine and other similar stones. It has been found from experiments over a period of ten years that this finish does not crack or chip, and that when the first coat is applied, it may be washed without detrimental effects.

Before the development of this method of creating textured walls it was necessary to depend upon a degree of artistic sense in the plasterer seldom found in the ordinary artisan. Italian plasterers are usually endowed with a good deal of imagination and skill, and have produced excellently artistic plaster finishes, but it has never been possible to be sure of securing this kind of labor economically endowed with a good deal of imaginations if we are to escape the mire rough and interesting textures.

For interior walls this material is made in sheets a half inch, or eighteens of an inch thick, and being finish material requires no surface treatment after it has been applied to the wall. Its best use is for interior surfaces, such as simple lines and plain surfaces, and for architectural embellishment, its effect is that of antique travertine. The color, in this case, is a material of warm yellow, one of the two standard types of interior colors. This finish is used not only for walls, but for floors as well, and in this connection it can be laid over old floors. The finishing slabs are made in sheets a half inch, or eighteens of an inch thick, and being of an open textured stone, but it is not susceptible to shrinking or warping. Its appearance is of cast from the experimental stage, and it has stood a variety of tests both indoors and outdoors over a period of eight years.

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In and around the COUNTRY CLUB—

Nowadays, sports clothes are so comfortable, so easy to put on, so easy to walk around in, that even a man has to acknowledge they're sensible—though it certainly saves him honesome for his favorite argument in reference to the superiority of his sex.

Pleats weren't introduced at the country club for sport, of course, but because Paris was pleating its soul. Yet few of the mode's notions are more conclusive to a good game. And few are easier for the amateur to reproduce with full professional sang froid, because all she has to do is to take a straight piece of cloth and when it comes home, it's done.

Crepe de Chine is the favorite material for pleating, and white is the favorite color. The dress with the label (No. G7209) has been made for white crepe, with pleated frills of itself, or those which add a touch of color; in which case the hat also shows a touch of color in its jauntily-tied scarf and its binding-edge.

Frock No. G7211

Frock No. G7207

Frock No. G7209

Frock No. G7201

The pleated-skirt frock with the narrow bow-tie (No. G7211) may be in white, too; but a clever woman of our acquaintance made it in henna crepe, a shade that cunningly disposes of the highlights of one's cruellest sunburn. She also considered the charms of the costume worn by the girl with the golf club (Coat No. G7200; Skirt No. G7172) if developed in crepe de Chine; but decided in favor of a jersey skirt, with a flannel coat—being a forehanded lady with an eye to the autumn.

Passing to the less severe models of one's wardrobe, the eye falls on the printed-and-plain model (No. G7201), something in the mode, yet a bit above it. Any woman could willingly pack half a dozen varieties of this same chameleon model in the one trunk. Last of all, there is the very feminine little voile or linen dress (No. G7207) that everybody loves buying and nobody minds making, because its dull rose or cheerful yellow stitches go so pleasantly. And if the man who began by thinking favorably of one's choice in clothes chances to be one's bill-paying husband or father, his approval will undoubtedly go up ten points at least when he hears that, good-looking as the whole collection is, everything may be made by Vogue's own original pattern designs, at a fraction of their supposable cost.

VOGUE PATTERN SERVICE

19 West Forty-fourth Street, New York City
104

**THE TABLECASE CO.**
Jamestown, N. Y.
MANUFACTURERS

Mail your order today and send check upon receipt of Tablecase. Price $20.00 delivered. Dealers correspondence invited.

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**TOGAN GARAGES and SUMMER COTTAGES**

You get quality and distinction in Togan buildings at lower cost.

The saving in building labor alone amounts to 66 percent.

Catalog shows many beautiful models. Write, stating type of building in which you are interested.

**TOGAN-STILES**

GRAND RAPIDS, MICHIGAN

Bungalows — Summer Cottages — Homes.

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**INDOOR OUTDOOR**

Take a White-land along with you this summer

Near the baseball scores, the hotel marquee, prairies and the famous singers in your home, at the seashore, on the trail, on the water,—everything that can be had free suggestion by someone who can turn a bush. Everything industrial has been eliminated. Full directions in the case with every set.

The Whiteland Portable Radio Set is absolutely complete—no additional equipment is needed. An improved 2 tube Radio Receiving Set. Operates on ordinary dry batteries, which are in the case. The low price is made possible by selling direct (too middleman's profit). This set will be sent to you anywhere upon receipt of check or money order for $10.00.

Fully GUARANTEED: If you are not thoroughly satisfied with the Whiteland Portable during the first month you have it, you can return it and quarters paid will be refunded. No further. The Whiteland Portable must make good or we will.

**WHITELAND MFG. CORP.**
383 Madison Ave., N.Y.C.

Manufacturers of Radio apparatus for over 10 years.

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**Dodson Bird Houses**

There’s time to win the birds this season!

All song birds nest thru August. Put up these scientific houses to attract the birds. Save your valuable trees, shrubs and gardens! Only Dodson Bird Houses are designed by a nationally known ornithologist and built to last.

**WHITELAND MFG. CORP.**
383 Madison Ave., N.Y.C.

Manufacturers of Radio apparatus for over 10 years.

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**FREE**

Mr. Dodson's fascinating booklet containing more information on this subject than anything in print.

Send for it!

Dodson Famous Sparrow Trap, guaranteed to remove this pest, $8.00.
re you protecting your home from settlement and shrinkage cracks?

The home you are planning to build can now be protected from damage to costly wall and ceiling decorations caused by unsightly settlement cracks. These cracks are principally due to shrinkage of first floor joists, supported on wood timbers. This trouble and expense can be avoided by using Truscon and National Steel Joist Construction in the first floor, thus making the interior as rigid and unyielding as the outside walls.

The illustration below shows a cross section view of this Steel Joist First Floor Construction. Hy-Rib Metal Lath is laid above to support the concrete filling. Over the concrete is laid wood, tile, or any other type of flooring. If desired, metal lath may be readily attached to the underside of the joists for plastered ceiling. The entire construction is very simple to install. It soon pays for its slight additional cost in the saving of repairs and its safety from fire.

What protection have you from basement fires?

Ninety per cent of residence fires originate in the basement. Positive protection can be secured by building your first floor of Truscon and National Steel Joists, Hy-Rib Metal Lath, and Concrete Construction. No fire of basement origin can penetrate it since there is nothing that can burn. Steel Joint First Floors also eliminate basement dust and vermin. The air-tight, solid construction prevents cold or dampness coming up from below. Truscon and National Steel Joint First Floors are permanent, durable, fire-proof and economical. Send for estimates and suggestions.

No RUSTY water in his neighbor's tub

The tub is filling with rusty water—enough to make anyone start the day in a bad humor—yet next door, in the very same type of house, there are none of these vexations—the plumbing pipe is rustless brass.

Rusting pipes are responsible for most plumbing troubles. Not only does rust reduce the flow to a thin trickle but the water is discolored and uninviting. The final results are leaks, damage to property and frequent repair bills.

All this is avoided when Anaconda Brass Pipe is installed. It is rustless. The added cost is only about $75 for a $15,000 house.

Know the vital facts about plumbing. Our new booklet "Ten Years Hence" tells the story. A copy will be sent free on request. Address Department G.

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General Offices: Waterbury, Conn. Offices and Agencies in the Principal Cities
MILLS AND FACTORIES:
Ansonia, Conn., Torrington, Conn., Waterbury, Conn., Buffalo, N.Y., Kenosha, Wis.
ANAconda AMERICAN BRASS LIMITED
New Toronto, Ontario, Canada
Slate underfoot saves overhead

The enduring qualities of slate are such that, once installed, the upkeep, deterioration, repair and renewal expense is practically nil.

Slate is unaffected by the elements, heat, cold and frost. No matter where or how long slate is used, it presents the same resistant, non-absorbing surface.

No other natural stone formation can equal slate in architectural beauty and adaptability. It may be obtained in natural or finished slabs, blocks, tiles or sheets of any size, thickness or shape, in black, grey, brown, green, purple, red or variegated colors.

The underfoot uses for slate include flagging for walks, promenades, terraces, porches, entries, lobbies, alcoves, breakfast and living rooms; thresholds, hearths, sills, stair steps, risers and landings. Added to its other properties, slate offers a safe, sure footing.

Other Profitable Uses For Slate

In the middle ages it was discovered that a slate roof kept out the weather longer than any other natural or artificial material. This fact remains unchanged to this day.

No one knows how long a slate roof will last.

Many of the slate roofs of medieval times are as serviceable today as when they were put on, centuries ago. Fire, sparks, chemical fumes, weather conditions have no effect upon slate. It will not curl up or warp.

Much of the slate quarried is used for re-roofing.

The structural, sanitary, electrical and miscellaneous uses of slate are almost limitless.

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

WALLPAPERS for BEDROOMS

(Continued from page 52)

space but with an exposure toward open country, a river, or a lake—anything which gives unbroken or strongly reflected light. The same window space in a much larger room would also require a much lighter paper to get the same degree of illumination. It is simple enough, yet thousands of rooms lack charm and comfort because the attention has been focused upon the draperies and upholstery before the light has been properly adjusted. As the starting point of the entire decoration of the room is the background, the walls, whether they be painted or papered, should be considered long before anything else.

There is one more point that is usually ignored in this question of light adjustment. What reflecting power has the surface itself—the texture—of the paper? And is it a pleasant light that comes back to us from those walls? Workers with pigments know that the most agreeable reflections do not come from perfectly plain flat surfaces where the color has been washed or laid on in a solid flat tone. It is monotonous, tiresome, and glaring. The interesting surface, the broken and motled color, the undertone and the overlay, all give a vibrating quality which far surpasses the flat tone in quality of livability. This is one of the things that pattern does for us, too, whether in paper, rugs, or upholstery. It breaks up the light, varies it, and makes it back into the room—a rich, interesting and pleasant glow. The reflecting power of a paper serves the same purpose as does to the flat surface what the background of the artist accomplishes on his canvas for the balance and thin of his paint and the manipulation of his brush. All these add or detract from the light in a room.

The effect of airiness is hard to rate from the effect of light, for the light papers will give it. But there is one other element that crops in consideration in obtaining the successful results. I have referred to it in the article on pattern and its effect that certain patterns have on the illusion of space and of altitude.

The delicate may go far in helping this effect. The bedroom pinks and greens and lavenders and the creams and so on. Sometime we have a decorative tone, a vigorous tone, a harmonious tone, a tone of the flat and airy. Often there are charming papers with soft wavy, marked pattens, very strong combined with the creams and greens. I refer to the paper with the soft green and white and pink and yellow. From Richard E. Tibbs

Landscape in greens and blue surrounded by morning glories in lavender, pink and blue. Courtesy of Strahan

(Cont'd on next page)
Individualism—in Good Furniture

FEW things lend a more refreshing note to a room than a piece or two of Chippendale. These fine examples, in rich antique maple finish, have all the grace and beauty of the Eighteenth Century.

Characteristic, in their genuine value, of all furniture under Elgin A. Simonds' trade-mark—to be found at your dealer's, along with our modern designs and faithful period reproductions.

Upon request we will send our illustrated booklet "H" on interior decoration.

ELGIN A. SIMONDS COMPANY
CHICAGO SYRACUSE, N. Y. NEW YORK

A Mirrored Wall Sconce

TO THOSE WHO LOVE lines of beauty the graceful proportions of this mirrored Wall Sconce will strongly appeal.

Designed for placement in small Dining and Reception Rooms—or in dainty Bed Chambers.

Finished in Mellow Gold, Silver and Gold, or harmoniously coloured Enamel.

Visit our Studios where you may view a comprehensive Collection of artistic fittings covering every lighting requirement.

Prices on request.

Robert Phillips Company, Inc.
Artisans in all Metals
Office and Studios, 101 Park Avenue, 40th St., New York City

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MANTELS—FIREPLACE EQUIPMENT
DISTINCTIVE METALWORK

QUAINT and USEFUL GIFTS
ANDIRONS: FIRETOOLS: FENDERS
FIREBACKS: LANTERNS: WEATHERVANES

Unusual and Interesting designs at moderate prices
Illustrations upon request

ARTHUR TODHUNTER: 414 MADISON AVENUE, NEW YORK
WALLPAPERS FOR BEDROOM

(Continued from page 306)

quite silly shape on a plain white ground. That, too, gave the illusion of space. In these papers it is the contrast that counts and provided there is enough of the clear light ground showing to keep the light reflection sure, the sharpness and darkness of the other colors only serve to enhance the effect of airiness and openness. These papers with their vigorous, colorful patterns are quite masculine enough for men's rooms.

The effect of spaciousness is achieved in the same manner, sometimes by pattern, often by contrast and sometimes by color. For the most part, the paper which gives no hint of definite limitations of space in its measures or its movement is the most successful. Let the pattern lead you from point to point and your room becomes limitless in its dimensions. For the large room, you may prefer the more definite designs, for a large expanse of plain neutral toned walls is monotonous and lacking in decorative effect.

The wall should make itself felt as an integral part of the room scheme. Too light a tone in a large room is just as bad as too dark a tone in a small room; too little decoration just as bad as over abundant decoration in a small room. There should be enough pattern and color interest for the wall to hold its own and slip into every other shape, color, and bit of pattern in the room. There you will have the perfect background. There is nothing better for bedrooms than the chintz papers, and they come all the way from the daintiness, delicate and almost lace like effects to the stronger, more sharply defined colors of more decorative vein. These latter splendid to use in rooms in which wall is to be a large part of the furnishings, so often the case in a home with a room. The old rule, a figured wall and curtains, need not frighten the more conservative. With these walls the jolliest of effects are obtained quite the reverse order of proof. The piquant notes of color and effects in the walls need equally distinct draperies to bring out their full beauty and give the room the snap and pep that it should have. So long as the treatment is harmonious and the colors right, there is nothing to fear and often much to gain.

For those who do not enjoy flowered designs of these papers are the blinds, the stripes and the plain effects, many of which are fascinating textures and colors. These are also the quiet, old-fashioned, with their set geometric figures, particularly good in the early American rooms so popular just now. Study your room carefully before planning anything else decide to what extent and in what way the walls will play a large part.

The suggestion to choose a site high to begin with is very good, and planning anything else decide as to what extent and in what way the walls will play a large part.

BACK to the LOG CABIN

(Continued from page 49)

of sunlight drifting through a sliver of green. But when choosing a lake shore for your site, don't forget that the season when you are there is its mildest and friendliest aspect. Other abiding qualities, if it is a shallow lake, the melting snows and spring freshets will raise it, or if it be like our own old mon­
er, it will lash itself into wild fury under the pressure of equinoctial storms. Angry waters have a way of growing beyond a reasonable reach.

The suggestion to choose a site high and dry is likely to bring a smile of approval. Yet a spot that appears dry as a barn door in hunting season may be partly under water at other times of the year—at least this is true of melting seasons in Minnesota and Wisconsin. On the contrary, to build the highest point, unprotected, will make you the victim of the pre­vailing winds. Our cabin site is just enough high in level to admit of the drainage being from it on all sides, and is sheltered by trees from all the unpleasant elements.

Of course you will choose to dwell among the trees—probably an excuse for keeping in mind that balsams are more lightly rooted than sister spruce greens. Keep in mind that balsams are also the quaint, old-fashioned; flowercil duskliness of these papers with their fascinating textures and colors, will withstand all save fire.

Fire is a hazard—but not so fearful one as some would have it imagine. The pioneer cabin is curiously in a con­tinuity with the mind ruthlessness indicative of strength, and love of beauty is in a local weakness. I still recall the memory of a grove of a hundred old cedars that a certain neighbor sacrificed to some vague idea of order for a cabin-site. Once in a while Nature were animates enough to tell the contrary. Man what he thinks about his snug, spry little

room, refreshing, delightful and the Wall paper plays a large part.

We must be building up our root upon several rocks whose must be fixed in firm soil found. Upon these the sill kings must be hold the floor joists with every­

ance that they will be as strong as American currency.

It all comes to this: Use your non sense and see your dream clearly in imagination before it is placed—for a man is judged by his site. A practical man of affairs will choose this with me reasoning. But argument instanced the site one summer home—a rather tinsy affair upon a hill course I had to accept in silence bow in the world could I tell him I learned to know him. I had discovered his placed upon a point of vantage above a view (Continued on page 110)
A collection of fine antique Hooked Rugs is at present a rarity, and we are fortunate in having examples of almost every type on hand. In view of the immense difficulty of obtaining them, due to the naturally limited supply and the increasing demand we advise those interested in these most artistic of our native heirlooms to buy at once.

To facilitate your purchase we have devised a method by which you may assure yourself of perfect satisfaction though ordering by mail. At your request we shall be happy to send you a selection of accurately hand colored photographs of our American Antique Hooked Rugs with detailed description of each specimen. On rugs so ordered we are able to quote remarkable prices. Our expert collecting and established reputation enable you to avoid serious mistakes. The Hooked Rug Shop guarantees all rugs sold to be genuine antiques of original design and will cheerfully refund the purchase price to any patron not perfectly satisfied.

This Handsome Mary Stuart Console Set from maker to You $29

There is a richness in the simplicity of this English Table and Mirror which wins instant admiration—an elegance in the perfection of workmanship befitting the Old Masters. Designed for reception hall, living room or library, and offering a harmonious contrast without lavish expenditure.

Finishes: Antique Brown Mahogany, Antique Walnut, or Dull Rubbed Brown Mahogany. The set at $29; either piece at half that.

Write for Booklets illustrating the Jane Randolph Bedroom Suite, the Chelsea Living Room Set and Chippokim Gate-Leg Table.

Reproduction of a Venetian sconce with hand cut mirror.

Cassidy Company Incorporated
Designers and Manufacturers of Lighting Fixtures Since 1867
101 Park Avenue at Fortieth Street
New York City
The average householder is unable to appreciate

distinction between All-Clay China and Porcelain plumbing fixtures and other plumbing on

the market—white in color, to be sure, but totally different otherwise. It is for the safeguard and guidance of such people as are truly interested in securing the genuine and best that we place this trade mark—our pride-mark on each and every piece of ware we manufacture.

"TEPECO" Fixtures

"TEPECO" Fixtures are true china and porcelain, gleaming white, but far more important, sanitary beyond any other material from which plumbing fixtures can be made. The scientific reason for this is because glass can be fired or baked on clay at such a high degree of temperature. Instead of merely coating the surface it fuses into the body itself, making chip-clay at such a high degree of temperature. Instead of merely

place this trade mark—our

on each and every piece

of ware we manufacture.

The Trenton Potteries Co.

Trenton, New Jersey, U. S. A.

BOSTON NEW YORK SAN FRANCISCO

A log cabin somewhat resembling the primitive type, with the bark on the logs and a roof of poles instead of "store" material, and a ghostly welcome on the door

BACK to the LOG CABIN

(Continued from page 108)

pioneership, as somebody or other their rue, "with a difference,"

difference has its rise in a present sense of freedom. Remember that our forebears utilized logs because there was no other choice for their home fastenées; we utilize logs because they are first choice. Pioneering has been an art instead of a duty, Study over all you want to—it will be an interesting dip into evolution, for even beautiful they are, you will find an air of grim simplicity and a trace of dirt about the home of our fathers which suggests a child set about a stool and told to work her sins out. They are quaint—but aren't they severe and unhappy about it? Have they so much as a "back-to-nature" so hard

around occasionally and take a look at

Yes, I am strongly in favor of using logs. We are only beginning to realize the artistic possibilities of logs. Until your site is chosen, however, and you give me a notion about what you want, I can't give you more than this general suggestion.

Best wishes for the Dream House—

P. S.—Decided to enclose a few pictures of the cabins in and about "Pals' Cove," showing different tastes in sites; the exception of two modern "pioneer cabins," they are all on the Lake shore.

\[Continued from page 110\]
A Good Time to Install Automatic Heat Control

When you have your furnace cleaned out and put in shape for the winter, install automatic heat control. The Minneapolis Heat Regulator is quickly and easily installed in old or new homes, or on any type of heating system, burning any kind of fuel. The Minneapolis Heat Regulator provides a uniform, comfortable temperature at all times. Drafts, dampers and valves are controlled automatically and the temperature never varies. A lower night temperature is maintained and the change to a day temperature is made automatically in the morning. Half a million in use. Write for booklet.

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Stain Your Outside Woodwork

Siding and Boards, as well as Shingles, are Beautified and Preserved by Cabot's Creosote Stains

The soft, brilliant "whitewash-white" stain effect. As bright as fresh whitewash and as lasting as paint.

You can get Cabot's Stains all over the country. Send for samples of wood stained in greens, reds, grays and browns of many shades.

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8 OLIVER STREET, BOSTON, MASS.

Books belong in all good homes. Treasure them, indeed... Trust your books to Globe-Wernicke Sectional Bookcases. Their glass doors keep out dust and dampness. Their unique construction keeps pace with a growing library... Protect your books.

Globe-Wernicke Apartment Sectional

The Apartment Sectional is a low, graceful bookcase proportioned to the modern home. Popularly priced. See it in all the attractive period designs, almost everywhere!

The Sheraton

Distinctive Designs for Home Lighting

Delicate beauty, graceful lines and effective touches of color give to Sheraton chandeliers and brackets an air of elegance rarely found in lighting equipment so moderately priced.

When building a new home, refurbishing an old one, or redecorating only one or two rooms, you will be delighted with the added beauty that Sheraton chandeliers and brackets will give to both furnishings and decorations.

A little brochure that portrays their charm and daintiness will be sent you on request, together with the name of the local dealer who is privileged to show you The Sheraton.

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222 SOUTH JEFFERSON STREET CHICAGO, ILLINOIS

The Globe-Wernicke Co.

Send complete booklet on request...
Triumph Type “R” Safety Type Panel Board for Homes

That Guarding Fuse!

WHEN the lights in the house go out; all of a sudden! When the iron will not heat—
It simply means that the electric fuse is blown out! There's no danger in the world but its decidedly awkward if you have to wait for a man to come and fix it!

Here is the unspeakable comfort in having the Triumph Safety Type “R” Panel Board installed in the home! You can have light and all the electric helps in commission again in a jiffy by simply putting in a new fuse. You, or your maid, can do it with no more trouble than screwing in a new light bulb!

Send for “Wiring the Home for Comfort and Convenience”, mailed free upon request.

Frank Adam Electric Company
St. Louis

The 3 Rooms You care most about

The living room is the center of home life, and should above all else be livable and comfortable.

OAK FLOORS have character, dignity and charm. There is something in the very “feel” of oak beneath your feet that suggests comfort and ease. The beautiful grain and variety of figure that Nature grows in oak cannot be imitated, and when finished to conform to the color scheme of the room, an oak floor becomes in a decorative as well as a practical sense, the correct and modern foundation for the living room.

In the dining room, an oak floor, by its richness and beauty, contributes to the sense of well-being and enjoyment.

The atmosphere of the bedroom should be restful and conducive to sleep. Oak floors, finished to harmonize with the subdued tones selected for the furnishings are deficient in their invitation to deep, restful sleep.

If you live in a house without oak floors, there is a thickness of oak, called 1 inch, made especially to lay over the old worn floor. It is made available for every room.

A booklet which tells all about oak floors, with colored illustrations of finishes, will be mailed you upon request.

Oak Flooring Bureau, 1047 Ashland Block, Chicago

You, too,
Can Enjoy Complete Casement Window Satisfaction

This free booklet will interest and help you

CASEMENT windows are becoming more and more popular—and their perfect satisfaction is assured when equipped with Monarch Casement Hardware—designed for either out-swinging or in-swinging casements. Write today for “Casement Windows,” a complete guide to casement satisfaction. A post card will bring it to you.

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4920 Penrose Street, St. Louis, Missouri

Also manufacturers of Monarch Metal Weatherstrip

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Oak Floors have character, dignity and charm. There is something in the very “feel” of oak beneath your feet that suggests comfort and ease. The beautiful grain and variety of figure that Nature grows in oak cannot be imitated, and when finished to conform to the color scheme of the room, an oak floor becomes in a decorative as well as a practical sense, the correct and modern foundation for the living room.

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You, too,
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CASEMENT windows are becoming more and more popular—and their perfect satisfaction is assured when equipped with Monarch Casement Hardware—designed for either out-swinging or in-swinging casements. Write today for “Casement Windows,” a complete guide to casement satisfaction. A post card will bring it to you.

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There is a mediaeval grandeur of scale and ruggedness of construction in this Tudor Stone Roof, which harmonizes splendidly with the architecture of the building. Tudor Stone is enduring rock—the chosen roofing for many of our finest residences.

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LUNKEN WINDOWS

Residence of Ray E. Linde, Kansas City, Mo.
Arch. P. H. Anthony, Kansas City, Mo.

LUNKEN Windows complete the attractive and comfortable home.

More expensive than the ordinary double-hung type, they are more economical in the long run.

Make a sleeping porch of your bed room with LUNKEN Windows. The sash, disappearing into a head pocket allows the full frame opening—100% ventilation.

Do away with the bother and expense of taking down, storing and putting up of screens. Stored in the LUNKEN headpocket are full-length screens. Pull them down in the spring and push them up in the fall. That's all there is to it.

LUNKEN Windows are a simple solution to practically every window problem. Delivered complete—glazed, hardware applied, screened, weather-stripped and tested.

Write to-day for detailed information.

The LUNKEN-WINDOW Co.
4225 Cherry St.,
Cincinnati, Ohio

THE BOX AT THE HEAD ALLOWS 100% OPENING

THE WHITE HOUSE Line
SECTIONAL UNIT STEEL DRESSERS

The above arrangement of WHITE HOUSE Units shows our No. 90 Dresser, flanked by a Side Unit on left and a Broom Closet (on right). This combination is ideally suited to the kitchen requirements of the modern sized home. The illustration itself suggests the exceptional utility of such a combination, but to really appreciate the endless little conveniences of efficient arrangement as well as the perfection of workmanship, and to realize the advantages of steel against wood construction, you must actually see WHITE HOUSE Dressers.

WHITE HOUSE Dressers are entirely of steel, making them post-proof and odorless; the finish in white enamel, baked on. Stop in at our showroom, or write for our illustrated catalog on The WHITE HOUSE Line.

Janes & Kirtland
Established 1840
133 West 44th St., New York City

"NINE FLOORS OF HOUSEHOLD EQUIPMENT"

Home-made ice cream is here again

The pleasure of being equipped for making your own fresh, luscious ice cream is that you are always ready for guests, ready with new family desserts, ready with cool refreshments for sweltering afternoons.

These devices at Lewis & Conger's practically do the work while you watch. The ice crusher reduces ice to little pieces. The Auto Vacuum Freezer works ingeniously without turning a crank. And for adding a new fascination to serving—here are bright, nicked ice cream scoops for single portions and interesting moulds for the whole family dish.

Chicago Hardware Laundry Co.
373 West Randolph St.
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Chicago, Ill.

1 Quart Size

Do Your Dishes
This Summer

Are you going to spend the hot summer evenings bent over a steaming pot— or will you be in the cool living room, out on the porch, or ting with the family? If you own a Sani you need no longer dread housekeeping in summer. Just take your dishes off the table— put them in the sink—press a button—they're washed! Use Sani, also, to wash slates, napkins, and fine bits of linen. With our Wipe Mop—chintz and screens. With our Wipe Mop—chintz and screens.

Write, today, for our Free Illustrated Booklet. We shall be glad to refer you to our nearest local branch office for a demonstration.
Pipe corrosion is no respecter of persons or property

CORROSION is but another name for rust. In every hotel, home, office building and factory there are from hundreds to many thousands of feet of pipe, and along every foot of every pipe, corrosion is seeking for a weak spot—some flaw that will give it a foothold. And once corrosion gets a foothold, a leaky pipe is only a matter of time.

Tonight, somewhere, the gaily decorated ceiling of some hotel dining room may suddenly treat the comfortable diners to a sudden water damage from leaking pipes. A pipe leak hereforever may have meant only a plumber’s bill to you. Next time the damage may be more serious. You cannot stop pipe corrosion once started, but you can guard against it by the use of Reading Genuine Wrought Iron Pipe.

"Reading" offers two to three times the resistance to rust that steel pipe does. "Reading’s" life is two to three times as long. Its "per year" cost is one-half to one-third the price of steel.

When you build or remodel or when you replace pipe it is the part of wisdom to specify "Reading"—the pipe that endures. Write today for "The Ultimate Cost.""

READING IRON COMPANY

READING, PA.

World’s Largest Manufacturers of Genuine Wrought Iron Pipe

A log cabin in a suitable setting takes on naturally, by its color and texture, an architectural camouflage

BACK to the LOG CABIN

By the bye—I’m starting a movement here in Minnesota to have the buildings upon our automobile tourist camps built of logs. Speak a good word for it where it may be heard, old boy—we’ve certainly got enough timber stock in the country to emphasize sufficiently the influence of Spain and her woods period.

How do I know “how big a house you need”? You’re the doctor. There’s only one safe rule to follow in deciding that: you will need exactly one half of what you think you need. So, put your six room needs on sketch out you a notion for three. Personally, we decided on the unit plan for our guest cabins. This gives guests—or members of the family—an equal responsibility in the care of the home. Of course, at Trailside cabin at Trailsyde is equipped with all necessaries to carry life—cook stove, dishes, and all the implements of life’s warfare—and we find that the average person whom one really wants as a companion in the wilds, prefers to do or die himself. This is the first thing to be decided upon. And remember that two cabins are almost as cheap as one—if combined size and several extra corners.

Unless you are going to have a deal longer than the average forest neighborhood affords, you will not want to mess about with very long logs—even if they are procurable. Sixteen to twenty feet is a manageable length. This means you can have a cabin room inside, of eighteen by fourteen rectangular—or a less attractive square room of eighteen each way. You are not likely to want to cut this up into a city kitchenette apartment so your rooms need be added on, if you decide against the unit plan.

You note that I take it for granted you prefer the logs laid horizontally. If you have only a small second growth timber in your neighborhood, however, you may have to choose the stockade type of log building willy-nilly. To show a very satisfactory example of large logs so placed, I’m sending along a picture of an architect’s cabin at Pfeiffer Cove built stockade fashion.

There are a lot of possibilities in this construction and he has had a mint of fun doing things in both form and color. The result is a most unique and highly artistic woodland home.

Considering the fact that your logs are bound to shrink and while in the horizontal placing they pull away from each other, necessitating more fre-quent recalking. Moreover, instead of a necessary evil, the saddle and clamping of logs tends to have a characteristic distinction and beauty to the cabin that enters the eyes. The flicker of flint at night time in the varied shadings—and without, rough-hewn, axe-marked log framing and from your or your forebears, it’s great, old “stay put”. Spruce twists and winds.

As our Norwegian neighbors say, a log cabin gives you two reasons for the length of your roof—supporting strength and weight to a great degree, and also an aesthetic distinction and beauty to the cabin. Of course, the damage may be more serious. You cannot stop pipe corrosion once started, but you can guard against it by the use of Reading Genuine Wrought Iron Pipe.

―Continued from page 110‖
Plan Tasteful Windows
—like those you admire

FREE BOOK
of latest window draping ideas

Kirsch CURTAIN RODS
Kirsch Curtain Rods and our free window draping book are making artistic windows a National habit.

Flat in shape—no sag
Velvetone finish—no rust or tarnish
Kirsch is the original FLAT rod. The flat shape prevents sagging, gives neat draping effects. The Velvetone brass or white finish stays new for years. Kirsch Curtain Rods come single, double or triple—extending style of rod to suit. The Kirsch bracket is simple and strong under all conditions. The rod attached or cut off by several kinds of brackets. Sold by Better Dealers Everywhere.

Kisch Ltd. of Canada, 460 Queen St., Toronto, Ont.

Remember to ask for Kirsch—The Original Flat Curtain Rod.

Win-Dor
Casement Window Operators
Who Cleans Your Windows?

NO matter who does it, if it's hard to do, and risky in the doing, they won't be cleaned as often as they should be.

It is just one more reason for casement windows; there are at least 10 other good ones:
That is to say, if they are outswung and equipped with Win-Dor operators. All eleven of the eleven reasons are given in our booklet called, “Things You Ought to Know About Casement Windows.”

Send for it.
The Casement Hardware Co.
220 Peleouze Building, Chicago

Interior Decoration and Proper Furnishing Room by Room

The reason is given for every step—covers the whole subject in one volume.

Price, $6.50

192 illustrations in doubletone, 9 in color, 7 diagrams, 296 pages, octavo.

Treading of furnishing from the most inexpensively equipped cottage, bungalow or flat to the smart apartment house of fair dimensions; and by both the modern non-period and period methods. All grades of expense are provided for. Complete furnishings of a number of premises is indicated—color schemes, appropriate walls, furniture, textiles and accessories being suggested for each room. The furniture illustrated is that which can be purchased in the open market. An effective plan for the securing of unity and variety in colour is presented and applied. The chapters on colour and form alone are worth the price of the book.

J. B. Lippincott Co.
Dept. H-G 7
East Washington Square

Please send me an illustrated pamphlet of this book and other similar volumes.

Please mention House & Garden.
"Mine Is a Very Friendly Little Home," She Wrote

We do not know her—never saw her—this young woman in Wellesley Hills, Massachusetts; but her letter, full of pride in, and love for, her Rite-Grade, all-shingle home, is typical of hundreds of letters from all parts of the United States, written to us by owners of all-shingle homes.

Some of the writers are masters, or mistresses, of mansions; some live in humble abodes. Yet the story is ever the same—each owns the "dearest", the "most distinctive", the "loveliest" home! (Seldom is it "house"; oftenest "home".) There is something so natural, so appropriate, so endearing about all-shingle construction that it makes friends with the landscape and fulfills, better than any other construction can do, the ideal each of us pictures when he thinks of "home".

"A shingle house," writes the Wellesley young woman, "is warm or cool, as you need it. The lapping of shingles makes three layers of wood, which are better than one thick layer. They are like fur, or loosely-woven cloth, in some respects. A shingle house is less expensive, both in material and labor, than one of brick, stone, cement or clapboard.

"Aside from all practical considerations, a shingle house is more artistic. Its surface blends better with natural objects. In harmony with rocks and trees, it composes an artistic whole. Mine is a very friendly little home and it has many admirers."

Rite-Grade Inspected shingles bring to the home-builder, at a cost below that required for other kinds of suitable material, a covering for both roof and side-walls that literally has no equal. It is nature's own covering; it is genuine, imitating nothing, substitute for nothing. It is typically American.

Before you decide upon any type of construction for your new home —large or small—protect your best interests by getting the facts about Rite-Grade Inspected Red Cedar Shingles. The Rite-Grade mark guarantees you, under bond, the highest quality of the grade you buy. It stands for the highest standards of Red Cedar Shingle manufacturers, maintained by rigid inspection and backed by the integrity of the foremost manufacturers. Ask your dealer for Rite-Grade Inspected Shingles.

Send now, today, for a copy of "The Rite-Grade Booklet of All-Shingle Homes". Shows the sixteen prize-winning homes of America, with floor plans of each.

RITE-GRADE SHINGLE ASSOCIATION
470 Henry Building Seattle, U.S.A.

(Continued from page 39)

to achieve the house which is their ideal. The truth of the matter, however, lies in a direction exactly opposite to the usual person's misgivings about a progressively built house. They are sure only of what they see, and fail to visualize the future aspects of the ultimate house.

Reason, both architectural and human, in favor of progressive building, are so strong that it seems doubly curious that the practice is not more general. To the imaginative mind progressive building seems such a fascinating pursuit as to be preferable to building in one operation, even if the necessary building funds were at hand.

The fundamental architectural reason why progressive building is desirable lies in the fact that it is the logical way to build a house, and because it is logical it results in a house which is expressive. Progressive building, however, cannot be done by a formula; it must follow the gradually expanding needs of the family; it expresses increase in the family fortunes: in the family itself. It grows with the family, and thereby is truly a home, and not a stereotyped affair built with more than half an eye and half a thought to its selling value. We build too little for posterity, and a surprisingly large number of people build not even with the expectation of passing their own span of life under the rooftree they have reared.

All this has made against the human equation in architecture, and has prevented us from building many houses of the fine age-mellowed kind that we admire and become sentimental over as travelers in Europe, and especially in England.

No doubt it is too much to expect, considering our aforementioned impatience, that we will reach the point of planning progressive building to be carried on by successive generations. If we ever do reach that point, we will begin to develop some real homes, and there is every reason to believe that in the world, from expediency, custom and "pride of house" why progressive building should be carried through several generations, an extra room, a terrace and pool, or the library, planned by the grandfather be carried on by his grandson. That generation could well grow up with the conviction that his part in the house would be a fitting one.

Completeness, for its own sake, is a fetish, but a barren one. You are entirely done, whose last bit of the garden has been carried on by your father, and the changes tend only to enlarge him. If we ever do reach that point, we will begin to develop some real homes, and there is every reason to believe that in the world, from expediency, custom and "pride of house" why progressive building should be carried through several generations, an extra room, a terrace and pool, or the library, planned by the grandfather be carried on by his grandson. That generation could well grow up with the conviction that his part in the house was an interesting one.

(Continued on page 126)
Overton Residences, Keokuk (see letter below)

"Very Warm" in Winter; "Coolest" in Summer

"Your books will show that in April, 1912, I purchased quite a quantity of your Quilt on the buildings, a picture of which is enclosed—only, however, on the roof of the buildings, but all over and between the floors of the largest building. This latter building is very warm and cool observe a considerable decrease in the use of fuel, and last summer, as hot as it was, the house was the coolest in the neighborhood."

Keokuk, Iowa, Dec. 31, 1913.

F. C. OVERTON.

Cabot's Insulating "Quilt"

The "Comforter" that Keeps the Whole House Warm

The quilt on your bed keeps the bodily heat from escaping, and that's what makes you warm. Keep the heat from escaping from your house by insulating with Cabot's Quilt. The way to keep a house warm is to build it warm—and it saves you more than anything else you can do.

Cabot's Quilt isn't a mere felt or paper. It's a thick, matted insulator that is twenty-eight times warmer than cheap substitutes. It costs but little to make your house warm for all time, and it saves one-third to one-half its cost every year in reduced coal bills—which nothing else can do.

Quilt retains the heat like a fireless cooker. Don't try to heat all outdoors.

Send for a free sample of Quilt and name of nearest agent.

SAMUEL CABOT, Inc.
8 Oliver Street
BOSTON, MASS.

342 Madison Avenue
NEW YORK CITY

24 W. Kinzie Street
CHICAGO, ILL.

Cabot's Shingle Stains, Stucco and Brick Stains, Old Virginia White.

Keener Incinerator as "standard practice" in residences and apartments of the better class is steadily increasing. The Keenerator, built-in-the-chimney, through years of satisfying use in thousands of installations, has permanently answered the question of garbage and waste disposal.

Through the convenient hopper door (shown below) all waste is dropped into the brick combustion chamber in the basement. There, an occasional lighting burns all combustibles. Non-combustibles, rendered germ-free, are carried out with the ashes. The Keenerator cannot be installed in existing buildings—it must be built in when the house is erected.

KEENER INCINERATOR CO.
1025 Chestnut St., Milwaukee, Wis.

"Bluebird" Curtains

Practical, simple, sagless, durable, "Bluebirds" allow beautiful and harmonizing draping effects. Distinctive finishes of Satin Gold or White Enamel, and single, double, and triple styles suit every home, every window, and every curtain.

You can tell "Bluebirds" by their patented strengthening ribs. See that the Rods you buy have these—also the "Bluebird" trademark. Ask your dealer.

H. L. Judd Co., Inc., New York

"Makers of home accessories for over fifty years."

SHAPCO Radiator Shields

A protection that pays for itself many times

SHAPCO Shields will save your walls, draperies etc.

SHAPCO Shields made in many styles—
GLASS, MARBLE + METAL TOPS

SODERMANN HEAT & POWER CO.
2304 Monroe St.
ST. LOUIS, MO.

BOOK ON REQUEST

Name
Address
City State
The SHOWER
is a family affair
—every member enjoys bathing in its sparkling, cleansing sprays

FATHER, mother, the children, and even the older folks are invigorated by a few minutes under the shower. Those scintillating jets do more than cleanse—they massage.

And Speakman Showers, because of the Anyforce Head, do this as gently or as vigorously as you desire.

We have a booklet which will aid you in selecting the right type of shower. The title is "Once-Used Water." When you send for it, if you have a regular plumber, please mention his name.

SPEAKMAN COMPANY
WILMINGTON, DELAWARE

SPEAKMAN SHOWERS
SS WHITE STEEL

Cabinets and Lavatory sinks—meet the demand for china-wood cabinets and framed mirrors, and at reasonable prices. The highest grade of materials and workmanship goes into these polished plate glass mirrors, nickel-plated brass hardware, steel or glass shelves and the whole, inside and out, finished in beautiful baked enamel, guaranteed to be everlasting.

Look this mark:

Corner of Jewett solid porcelain interior. Note thickness and rounded corners.

Certainly, if your refrigerator is a Jewett, you have just reason to display it with more than a little pride. Food and ice compartments of glistening white solid porcelain 1/4" thick, free from unsanitary dirt-collecting crevices and corners—and unlike porcelain enamel on thin metal, free from chipping and cracking. Safe-like walls over five inches thick, heavily insulated with pure cork—and perfectly hung, accurately fitted doors lock out the heat and save 1/3 or more on ice bills.

If these are the things you are seeking in a refrigerator—and they are only the most obvious points of Jewett superiority—then you will want our new finely illustrated catalog which covers them all. And, we will gladly send it to you upon request.

The Jewett Refrigerator Company
Established 1849
123 Chandler Street, Buffalo, N.Y.
Branch Offices: New York, Boston, Chicago, Cleveland, Los Angeles, Montreal

ECONOMY
For country estates without water supply it is economy to erect a Corcoran Tank Tower.
The first cost is the last cost. Lasts a life time and saves constant repair charges.
CORCORAN TANKS AND TOWERS have given satisfaction for the past fifty years. They are economical, convenient and artistic; built to order, suitable for any location.
SEND FOR OUR TANK TOWER AND WINDMILL BOOK
A. J. Corcoran, Inc.
758 Jersey Avenue, Jersey City, N. J.

TRUSCON COPPER STEEL BASEMENT WINDOWS

This window made the basement popular
Now the modern basement has earned its place in the sun, and is sharing the popularity of the upstairs rooms. Its spacious corners, no longer wasted, become practical, livable rooms of new-found usefulness.

This big step forward in home building is largely due to Truscon Copper Steel Basement Windows, which give double daylight at no extra cost.

These windows always open and close easily, and lock automatically. They never stick, look or need repairs.

For sale by dealers everywhere. If your dealer does not have them, write us.

TRUSCON STEEL COMPANY
YOUNGSTOWN, OHIO

TRUSCON COPPER STEEL BASEMENT WINDOWS

4 Kinds
MALT CIDER WHITE TARRAGON

The purpose of Heinz Vinegar is to impart flavor and develop flavor—not simply to make things sour. That is why salads made with Heinz Vinegar taste better. All the care in selection of materials, the skill in preparation, the long aging in wood, are to create that rich, mellow tang and aroma.

Are you proud of your refrigerator?

TRUSCON COPPER STEEL BASEMENT WINDOWS

57
Even his wife wouldn’t tell him

Of course, she loved him—loved him dearly and looked to his future just as ambitiously as he did. There was nothing she wouldn’t have done for him. But they were both sensitive young people and this subject seemed to be one she could not bring herself to discuss.

The position he held, with a firm of excellent standing, had promised much. Yet he did not seem to progress as he should have— as they had hoped. Other men constantly stepped ahead of him into the better positions. He seemed to give satisfaction, but not as they had hoped. Other men constantly stepped ahead of him into the better positions. He seemed to be one she could not

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Keep Your Garbage Down in the Ground

—where it is out of sight, cool and odorless, frostproof and away from flies and animals. So sanitary it can be placed conveniently near your door. That's the IRON HORSE Underground Garbage Pail

Only the cover shows. Complete sanitation all the year round. Operates with slight foot-pressure. Inner can, easily lifted out. Can be installed in a few minutes. Simply dig a hole—so auger—it last for years. Entirely rust and water-proof, skillfully designed; reinforced; leak-proof; Satisfaction guaranteed.

At your dealer's or direct. Write today for free booklet "Easy Disposal of Garbage", giving your dealer's name, Rochester Can Co.

110-120 Glencairn St.
Rochester, N. Y.
The Greatest Household Improvement since Electricity

A machine that makes hard water—soft

No longer is it necessary to use powders, special soap or tainted rain water to overcome the everpresent annoyance of hard water in your home—for no matter how hard your present supply, a Permutit water softener will turn it softer than rain.

No chemicals, no extra pumps or motors are used. The softener is simply connected into your pipe line in the basement—your regular water supply flows through it on the way to the faucet, and the wonderful Permutit material removes every grain of hardness, giving you clear, delightful soft water from every faucet in your house.

A few cents per day is all it costs, and the machine will last a lifetime. Thousands are in use.

Send for a free copy of our interesting booklet, "Soft Water In Every Home." Write today.

THE PERMUTIT COMPANY,
440 Fourth Ave., New York.
Agents Everywhere

For the lover of the sea and ships comes this vane which displays a caravel of Columbus' fleet

WEATHER VANES

In the days before there was such an accommodating service as a Government Weather Bureau, weather vanes played an important role. Today they are no less serviceable because they have added to their utilitarian purpose of showing how the wind blows that more esthetic purpose of being decorative and amusing.

To people who live in the country the direction of the wind may mean many things—it may presage a storm or clear weather, rain or a period of fair days. These are important to know. In addition, any one who lives in the country is dependent on natural phenomena to a certain extent and keeps check on all such things as temperature, humidity, rain— it is balanced on the top of the sail and winds. In fact, no country one side presenting a broad house can be said to be completely furnished until it is equipped with a Permutit water softener, a reliable the direction of the wind. In

Quite decorative and spirited is the design of the black sea-gull on the ridge-pole of the country house.

The peg-leg mariner can watch the weather from the top of seashore home

Another country house design—suitable for the house itself or for the barn—is this Dutch maid and her two ducks. Note how the ducks balance the weight of the maid
ST the bedroom set for which you are looking. And—with finish or decorative motif of your own selection—according to your particular specifications. You may thus work out harmonious color schemes, or order a single piece to harmonize with other surroundings. That is the Leavens idea.

When you buy Leavens furniture, either Decorated or Colonial, the result reflects your own personal taste. There is no better way of obtaining complete satisfaction.

Write today for literature

William Leavens & Co. Inc.
Manufacturers
35 Canal Street,
Boston, Mass.

INDIVIDUAL
BRIDGE SCORE PADS
60 Cents Each
Each Pad has 100 Sheets, 9 x 7 inches, with your name printed on each sheet.

OR send ONE DOLLAR and we will mail the Bridge Pad and 4 Favor Tallies, assorted, in Doll Figure or Flower Bud designs similar to the one shown here.

Additional Favor Tallies may be had for $1.50 PER DOZEN.

This Artistic Door Knocker

Is an example of the beautiful and graceful lines which characterize much of the first work developed in the early period of the Italian Renaissance.

Made of solid brass, perfectly molded, and skillfully hand chased, this elaborate knocker is faithfully reproduced from the masterpiece made famous by the traditional artistic skill of ancient Italy.

Art brass Knockers include so large a variety of designs of various periods that selections can be made to harmonize with any type of architecture or hardware.

Send for free Door Knocker booklet illustrating fifty-four famous historic designs.
You Can Have Shade This Summer

Why wait ten or twelve years for a tree to grow when Hicks Time-Saving Trees are big enough and dense enough to give shade right now?

Hicks Time-Saving Trees may be planted in midsummer, in full leaf, and give real comfort now—not a decade hence. Motor truck and fast freight service will get Hicks Time-Saving Trees to you in short order.

NORWAY MAPLES

<table>
<thead>
<tr>
<th>Height</th>
<th>Diam.</th>
<th>Each</th>
<th>10</th>
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<tbody>
<tr>
<td>18-22 ft.</td>
<td>4 in.</td>
<td>$12.00</td>
<td>$120.00</td>
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<tr>
<td>18-22 ft.</td>
<td>5 in.</td>
<td>25.00</td>
<td>250.00</td>
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<tr>
<td>22-24 ft.</td>
<td>6 in.</td>
<td>45.00</td>
<td>450.00</td>
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<tr>
<td>28-30 ft.</td>
<td>7 in.</td>
<td>75.00</td>
<td>750.00</td>
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PIN OAK

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<th>Height</th>
<th>Diam.</th>
<th>Each</th>
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<td>18-20 ft.</td>
<td>4½ in.</td>
<td>$12.00</td>
<td>$120.00</td>
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<tr>
<td>20-22 ft.</td>
<td>5 in.</td>
<td>25.00</td>
<td>250.00</td>
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<tr>
<td>25-30 ft.</td>
<td>6 in.</td>
<td>45.00</td>
<td>450.00</td>
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<tr>
<td>28-33 ft.</td>
<td>7 in.</td>
<td>75.00</td>
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EUROPEAN LINDEN

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<th>Height</th>
<th>Diam.</th>
<th>Each</th>
<th>10</th>
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<tbody>
<tr>
<td>8 ft.</td>
<td>2½ in.</td>
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<td>17.00</td>
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<td>10 ft.</td>
<td>2½ in.</td>
<td>2.75</td>
<td>27.50</td>
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<td>12 ft.</td>
<td>3 in.</td>
<td>3.50</td>
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<tr>
<td>14 ft.</td>
<td>3½ in.</td>
<td>5.00</td>
<td>50.00</td>
</tr>
<tr>
<td>16 ft.</td>
<td>4 in.</td>
<td>6.00</td>
<td>60.00</td>
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</tbody>
</table>

These are only a hint of what Hicks can furnish in Time-Saving Trees. Our new catalogue lists Oaks, Ginkgo, Beech, Tulip Tree, Hornbeam and other desirable shade trees for home grounds, street planting, parks and playgrounds.

Home Landscapes

is the latest addition to the Hicks' books on home plantings. The text fairly glows with Mr. Hick's broad experience in planning and planting. Profusely illustrated with lovely photographs and rich paintings of trees, shrubs, flowers, and landscape scenes. A copy will be mailed to you on request.

HICKS NURSERIES

Box H-9, Westbury, L. I., New York
Amazing new Sprinkler

Proves sensation of the year!

Size Circle Up to 80 Feet

Rain King can be set to water any area from 80 feet down without reducing flow at the hydrant. Due to bearings, design and workmanship, it revolves freely where water pressure is low.

Puts Water Where You Want It

Set not to revolve and with nozzles in this position it waters parkways and borders along public walks without interfering with pedestrians. Rain King has more stationary uses than any other sprinkler.

Two Directions at Once

In one operation you can lightly spray the flowers and give the shrubs a heavy drenching. No other sprinkler will do this. Rain King is the only sprinkler adjustable to the site of your lawn.

FOR the first time both the whirling and stationary principle in sprinklers have been combined into one amazing sprinkler. As a whirling sprinkler Rain King will water any circle from 80 feet down without reducing the flow at the hydrant and with a stream of any desired degree—heavy, light or medium.

Used as a stationary sprinkler, each nozzle is a complete sprinkler in itself, with a full range of easy, quick adjustments for any direction and for any volume and density of water. With Rain King you can water long strips, odd shaped corners, large areas. In one operation it will lightly spray in one direction while throwing a heavy drenching stream in any other direction. Or both nozzles can be concentrated on one spot with any kind of stream, fine or coarse.

Rain King is set instantly for a whirling or a stationary sprinkler. It is made entirely of brass except the base. Cannot rust or stick. The tested non-wear bearings last for years. Fully guaranteed. Only $3.50 at your dealer’s (Canada $4.75) or sent direct for the same price, postage prepaid.

Chicago Flexible Shaft Company
5554 Roosevelt Road, Chicago
33 years making quality products
Canadian Factory: 352 Carlaw Ave., Toronto

The Best Sprinkler Made

Each Nozzle Is a Sprinkler

Two sprinklers in one. The two nozzles can be pointed in any direction and adjusted to any spray—each acts independently of the other.
More Practical Than Any Other Lawn Mower

Montamower—the result of eight years of development is guaranteed mechanically perfect. Owners satisfaction proves it. Simple—durable—with an excess of strength in every part—it gives years of service without trouble. Montamower does not run close enough to the ground to pick up little bunches and shear them off smoothly and evenly.

Cuts Long Grass Easily

Cuts tall grass—cutsandelions—June grass, etc. Ordinary mowers just push them over.

Trims Close—No Harm to Trees

Montamower cuts close to trees, shrubs, etc. without harming—no cutting by hand necessary.

Montamower Sales Company
GRAND RAPIDS
Perkins Building

MICHIGAN
Reference—Grand Rapids Savings Bank

MAIL COUPON TODAY
Enclosed find remittance of $15.00. Please send one Montamower to this address; on condition that if it is not as represented my money will be refunded on return of the Montamower.

Name:

Address:

Order a Montamower Today
Guaranteed to be as represented or money refunded. Send check or draft for $15.00. Delivery charges prepaid if remittance accompanies order.

P R O G R E S S I V E  B U I L D I N G

(Continued from page 116)

In the plan for the ultimate architectural vision shows it was a real flight, and the original高达 probably never be discovered even suspected in the gracious concrete house which will last and stand above its fair. In this plan for the ultimate which will be put in work this year, the architect has compression easy to read by looking at the area of the original house: double shading the area of the out house in single shading the additions for immediate future unshaded.

BACK to the LOG CABIN

(Continued from page 114)

brick. The huge logs which I like to burn make such a hot fire that the native rock has a way of exploding, after the fire is out, a mere little bit. I'll grant you that the brick looks "slippery" before the first fire is built—but after the smoke puts a velvet coating on the stuff, you can't tell what it was originally.

This—just to let you know what you are going to need no matter what sort of a place you go in for. From your better—to pay real definite idea you seem to have is that you want a fireplace and a porch. Well, that's a good place to start for the sake of Vulcan. Don't have a fireplace that acts the part. If you must have a smoke house, build a separate one.

Yes—we've got quite an assortment of successful fireplaces and porches in our outfit. If you want to see 'em,

I'll send you another bunch of catalogues with a few simple directions that any child could follow—

"What do you order first?"

"I, don't know, Windows probably won't. You know the good wife and the curtains made for 'em? But—

here's a point you may not yet have learned. Winter cut logs are the only logs you can get. Summertime logs can't be peeled and split if you don't wash off and oil them. Of course this mildew can be washed off and oil applied, but it's more of a job, naturally, as you are going to need no matter what sort of material for indoor floral decoration are discussed at length and from a fresh viewpoint. From the beginning one wonders what gardens could ever have been made to seem so ponderous a topic. Contrary to garden book tradition every line sparkles with a happy turn of phrase. Yet the refreshing manner of the book fails utterly to disguise the fact that it is deeply trench with first-hand wisdom.

There is an amusing prelude on the location, size, arrangement, and care of the cutting garden are duly considered. And then begin the plant lists. For the grower's convenience these are arranged in five groups: Annuals and Biennials; Tubers and Bulbs; Perennials; Flowering Shrubs, and Decorations. The descriptions are quick and crisp, and the whole effect is very pleasant.

The location, size, arrangement, and care of the cutting garden are duly considered. And then begin the plant lists. For the grower's convenience these are arranged in five groups: Annuals and Biennials; Tubers and Bulbs; Perennials; Flowering Shrubs, and Decorations. The descriptions are quick and crisp, and the whole effect is very pleasant.
EXCELSIOR
Ornamental Wire Fence and Gates

IMPROVE the appearance of any estate, yard or garden. There are many conditions which these high grade wire products meet adequately. Write us about your requirements and we shall be very glad to furnish you with catalogs and suggestions to meet your problems.

Excelsior Wire Fencing is the result of many years' experience in the manufacture of wire and wire fabric. Constructed of heavy gauge wires drawn especially for the purpose in our own mills. The fabric is hot galvanized after construction, which process gives the long wearing qualities found only in Excelsior Fence.

Excelsior Fence is made in both chain link and ornamental (clamp construction) types in several sizes of mesh and in heights up to and including eight feet. We also manufacture flower bed guard, trellis, own border and arches in Excelsior clamp construction.

WICKWIRE SPENCER STEEL CORPORATION
41 East 42nd Street, NEW YORK
WORCESTER DETROIT CHICAGO
BUFFALO SAN FRANCISCO

So Now Let's Talk About Your Glass Garden

LET'S talk over that Perpetual Garden of flowers you have so long seen in your mind's eye.

Let's see if the location you have in mind is the best one.

Let's see if we can't take your idea and make it yield even more joy than your fondest anticipations.

Having done it so many times for others, the chances are we can do it rather satisfactorily for you.

The fact that we have been building greenhouses for over half a century holds conviction.

To our printed matter you are, of course, most welcome.

Lord & Burnham Co.
Builders of Greenhouses and Conservatories

EASTERN FACTORY WESTERN FACTORY
Irvington, N. Y. Des Plaines, Ill.
CANADIAN FACTORY IRVINGTON NEW YORK
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Land Title Bldg. Cont. Bank Bldg. 11 Little Bldg.
CLEVELAND KANSAS CITY DENVER
467 Union Bldg. Commerce Bldg. 1247 So. Emerson St.
BUFFALO TORONTO
This Walk Leads To Perpetual Summerland

IT leads to it from your garden; and a glass door leads to it from your residence. Just as in the summer time you can step out without hat or wrap and pick roses and all your flower favorites, so you can step into your glass enclosed garden in the winter. It's the way they have their flowers under glass over in England, and the way we should have them, too.

We'll gladly make suggestions for its adjustment to your residence.

Send for booklet—Growing Your Own Greenhouse.

Hitchcock & Company

Home Office and Factory, ELIZABETH, N. J.

New York 101 H Park Ave Boston S
Rochester 119 H Main St., East Philadelphia-H Empire Building

15th & Walnut Sts.

HOLLAND BULBS

A HOME may be made much more cheerful in wintertime by having some Hyacinths, Tulips, Narcissus, etc. in blossom which can be had during the whole winter, we have a Special Offer for only $2.00 postpaid

6 First size Hyacinths, choice of white, red, pink or blue
6 Miniature Hyacinths, choice as above
6 Giant Paper White Grandiflora Narcissus
12 Darwin Tulips, Pride of Haarlem
25 Crocus, mixed all colors.

We have special kinds of bulbs for indoor and outdoor planting.

All our bulbs are true to name and size. They are imported direct from Holland and must be ordered before July 20th. Send for free catalog and convince yourself of the low prices listed.

HOLLAND BULB IMPORTING CO., 75 NORTON ST., ROCHESTER, N.Y.

"Little Wonder" Hedge Trimmer


with Lawn-Clipping Attachment

This new, wonderful device makes hedge trimming a pleasure. Trims any shape hedge, more evenly and 5 to 10 times faster than the old 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 hedge and lawn to look right.

3 sizes, 30", 40" and 60" blades $25 to $35

Lawn clipping attachment

$15 extra

Can also be used in rough field, adjustable to any height. Cuts 10 times as fast as shears.

If your dealer cannot supply, we will ship to you prepaid from the factory.

Write for descriptive circular and testimonials.

DETCO MFG. COMPANY

OAKS, PENNSYLVANIA

BEAUTIFY YOUR LAWNS AND GARDEN

"Dayton Sprinklers" will water your lawn or garden, as gently as the summer rain. They do the work well, better than a man or woman can do it. "Dayton Sprinklers" make the grass grow better for grass, flowers and shrubs than sprinkling with a hose. The nozzle can be adjusted to desirable size, without shutting off water or getting wet.

Dayton Sprinklers

Rotary and Oscillating will sprinkle either in a complete circle, or in a half circle and waters every inch of the ground, from a one-inch machine to a diameter of 80 feet. They will operate on any pressure from 29 pounds up. They are made for mounting on pipe risers and for irrigating large gardens, and farms with feed pipes either overhead or underground. Dayton Sprinklers have been used in many parts of the world for over 6 years. Sent postpaid to any address for $8.00 and name of your local dealer.

The Dayton Irrigation Co.

Dayton, Ohio

Eastern Agent:

H. A. Robinson & Co., N. Y. City
The Brand Peonies

Originated by
O. F. Brand & Son

America's Foremost Hybridizers of the Peony

We are offering this season the largest stock of strictly first-class peonies we have ever grown. Such

Wonderful Brand Varieties

As: Benjamin Franklin, Brand's Magnificents, Charles McKella, Chestnut Giant, E. B. Browning, Frances Willard, Henry Avery, Lucretia Pfeiffer, Phoebe Carney, and Richard Carroll. So a complete assortment of the most beautiful varieties of other growers, both European and American.

They are all fully described in our large new and beautifully illustrated catalog—most complete and exhaustive ever written on the peony. This catalog, which answer to over fifty cents each to print, is free for the asking, to every intending purchaser.

The Brand Peony Farms, Box 20, Faribault, Minn.

The Book of Opportunity

Order Now—before the Leaves turn!

A GARDEN OF PERENNIALS FOR $2

Regular Price $4.90

1. Achillea. The Pearl, 2 ft.—A. millefolium, various, 2 ft.—A. St.-John's Wort, 2 ft. —A. stoechas, 2 ft.—A. stenophylla, 2 ft.—A. Zukerson, 2 ft. —A. Yesworthii, 2 ft. —A. основная

The entire collection, 1 pkt., each, $2.00. Now is the time to plant them.

Add a Greenhouse and Make a Better Home

ROWS of great chrysanthemums, golden oranges 'mid banks of verdure, gorgeous poinsettias and fascinating crotons can be the mid-winter joy of thousands of homes and also many apartment building roofs, at comparatively small expense.

Include in your new building or remodeling plans a conservatory, small or large, according to your means, detached or attached to the home. 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 specified 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.

GENERAL OFFICES: PITTSBURGH, PA. BRANCHES IN PRINCIPAL CITIES

THE approach to the grounds is of utmost importance, and a smooth, compact, dustless, weedless road adds immeasurably to the attractiveness of the general picture.

The ideal road is the Solvay treated road. Send for the Solvay Road Book, and see how easy it is to maintain perfect road surfaces.

Tennis courts are wonderfully improved by Solvay—makes a fast, smooth, weedless surface, free from sun glare. Write to

SEMET-SOLVAY CO., Dept. O

SYRACUSE, NEW YORK
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, Fonts, Sun Dials Gazing Globes, Benches and other interesting accessories for the garden, sun room and house.

A catalogue illustrating 300 numbers will be sent upon receipt of 20c in stamps.

GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET, PHILADELPHIA.

For Better Gardens—Perfect Flowers

Kill Aphids

Regarded as one of the most destructive and persistent pests on flowers, fruit and vegetables, lie on the lookout now for this little green bug and spray thoroughly with 'Black Leaf 40.'

Spray Wack

Ingot Iron

Only wire made of Ingot Iron

No. 238-240 Price $1.00

Has Your Lawn a Bird Bath—
And Other Garden Pottery

A Bird Bath where the feathered songsters can put to drink and in which they will be a great addition to your lawn. Many designs and sizes shown in our 1923 catalog as well as Window & Porch Boxes, Jardinieres, Lawn Seat, Flower Pots, etc.

PAGE FENCE AND WIRE PRODUCTS ASSOCIATION
215 N. Michigan Ave., Chicago

Sprinkles like rain in an eighty foot circle

The Double Rotary Sprinkler perfectly solves the watering problem for homes, golf courses, parks, etc. Constructed on a new and better principle; requires little attention.

THE DOUBLE ROTARY SPRINKLER

Sprinkles the natural way, "like a gentle shower." Simply and durably constructed; all parts inter-changeable. Approved by noted authorities. Can be required to cover a radius of 15 to 80 feet, according to pressure.

Price $12.50 anywhere East of the Rockies. Order direct from this ad or write for full information. Sold on a Guarantee of Satisfaction or Your Money Refunded.

THE DOUBLE ROTARY SPRINKLER CO.
1232 Coca Cola Bldg., Kansas City, Mo.

10 Reasons You Should Fence Your Property

A Page Protection Fence Will—

1. Increase your property value far more than the cost of the fence.
2. Add to the beauty of house, lawn or garden.
3. Give children a safe place to play.
4. Guard trees, flowers, shrubs and grass.
5. Prevent house-breaking—thieves fear fence.
6. Encourage further development of lawn or garden.
7. Keep grounds free of blown paper and trash.
8. Make your grounds a part of your home.
10. Make you real owner of your real estate.

Page Fencing and Wire Products Association

215 N. Michigan Ave., Chicago

Why a PAGE Protection Fence?

Is the only wire fence made of Ingot Iron

No. 238-240 Price $1.00

Dealers Attention

The Wheatley Pottery Company
Manufacturers of Garden Pottery and Faience Tile
4517 Eastern Ave., CINCINNATI, OH.
Showers

Authorities tell us that the rainfall averages about the same, year in and year out. That may be so, but they also tell us that there is rarely a growing season with rain distributed properly to give the best yields. Your garden will not care anything about the average rainfall if a long period of drought first dries it up.

With a Skinner System of Irrigation, you can have rain when you want it and as little or as much as you like. You can have as small a unit as an 18 ft. line, throwing the spray 25 ft. in each direction, or a system that will cover acres. It does not cost much, and it insures the success of your garden.

Write us for information, giving the length and breadth of the plot you wish to cover.

Skinner Irrigation Co.
231 Water Street
Troy, Ohio

DREER'S
Midsummer Catalogue

A 56-page book offering a complete line of seasonal Seeds, Plants, Bulbs, and Sundries, including:

Hardy Perennial Flower Seeds

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.

Pot-grown Strawberry Plants

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.

Winter and Spring-flowering Bulbs

We offer a really select line of Hyacinths, Tulips, Narcissus, Crocuses, 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.

HENRY A. DREER,
714-716 Chestnut St.,

The New Way-The Sure Way

To Buy Your Bulbs

YOUR order is packed over in Holland especially for you under the personal direction of Mr. De Wree de. That same package comes to you here, unopened. You get exactly what you order with the chances of mixed varieties, minimized.

We guarantee absolutely without reservation, that every bulb will flower and every flower be true to name. There will be "A Flower in the Heart of Every Bulb."

All orders must be in our hands not later than July 15th. Send for catalog giving complete list of the finest bulbs Holland grows.

EDDY & DE WREEDE
Flower Bulb Specialists
21 West 43rd St., New York

Bulb Farms: Pennsylvania
Bosboom, Holland,
Paradise, Pa.

Eddy & De Wree de
Flower Bulb Specialists
21 West 43rd St., New York

Special Succession Collection
As the result of painstaking care we can now offer you a certainty of 3 long weeks of successful bulb growth instead of the usual brief period.

This Special Succession Collection is fully described in our new Catalog of Holland Bulbs. Send for it. Also for prices on the new list of bulbs that can now be imported under recent Government ruling.

EDDY & DE WREEDE
Flower Bulb Specialists
21 West 43rd St., New York

Bulb Farms: Pennsylvania
Bosboom, Holland,
Paradise, Pa.

The New Way-The Sure Way

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EDDY & DE WREEDE
Flower Bulb Specialists
21 West 43rd St., New York

Bulb Farms: Pennsylvania
Bosboom, Holland,
Paradise, Pa.
The sustained brilliant performance that prompts the purchase of a LaFayette, its genuine economies, its perennial youth are all embedded in the superb structure of the car. They have their source in that surpassing quality which is the product of knowing minds and able hands. No motor car that we know of is more thoughtfully and authentically designed, or built with such precision and deliberate skill.

Steadily the conviction that the LaFayette is one of the world's finest motor cars is finding wider and wider acceptance as the experience of LaFayette owners becomes known.

LaFAYETTE MOTORS CORPORATION
Milwaukee, Wisconsin
The New Discoveries in Rubber Manufacture
Now applied to U.S. Royal Cords

By this time you have probably read the newspaper announcements of the three greatest discoveries in tire manufacture in the history of tires.

For your convenience we repeat them—

1. Sprayed Rubber—the first truly pure rubber.
2. Web Cord—a rubber-webbed sheet of cords with every filament of each cord impregnated and surrounded by pure natural rubber. It does away with all cross tie-threads. It is the most substantial step in friction elimination since the old type square woven fabric gave way to cord construction.
3. The new Flat Band Process of building a cord tire—ensuring for the first time a uniform tire equalized through and through in resiliency and resistance to puncture and wear. These three new major contributions to the art of rubber manufacture have been utilized to give the Royal Cord a better, longer lived—more resilient carcass and a better, stronger, longer wearing tread.

Again you see U.S. Royal Cords living up to their leadership obligations. Again you see U. S. Royal Cords practicing what they preach:

- Competition for greater public confidence and larger public service.

United States Tires are Good Tires

One million new users will say this year. "Royal Cords!"
A decaying tree cannot save itself

A decaying tree cannot save itself. Few living things are as utterly helpless, as defenseless in themselves, as the tree when it is attacked by internal decay. It can only wait to die—unless saved by human skill.

The inside of a tree is largely dormant or semi-dormant. The active growth and life are in and immediately under the bark. The wood-cells inside of a tree cannot protect themselves from disease and decay. The bark is Nature's protection. Every wound in the bark, from whatever cause, exposes the wood-cells to disease—and decay, ceaseless and progressive decay, is almost inevitable. Like the tooth, when decay once starts, nothing but human skill can save it.

That is why the service of Davey Tree Surgeons is essential to the health, and perhaps the life, of your trees. Let the nearest Davey representative examine your trees without cost or obligation. He will advise you reliably and frankly whether they do or do not need attention. But, above all, don't let a tree "cobbler" or anyone of unproven skill experiment on your priceless trees.

What does Davey Tree Surgery cost? That depends entirely on the amount of work required and what portion of it the client wishes to have done. In 1922 the Davey organization served 3581 clients. 75 per cent of these paid less than two hundred dollars each—that is, from two hundred down to very small amounts. You can buy as much or as little as you want.

Davey Tree Surgeons are near you—if you live between Boston and Kansas City or in California. Write or wire nearest office for examination of your trees without cost or obligation.

THE DAVEY TREE EXPERT CO., Inc., 507 Elm Street, Kent, Ohio.

Branch offices with telephone connections: New York, Astor Trust Building, Fifth Avenue and and Street; Boston, Massachusetts Trust Building; Philadelphia, Land Title Building; Baltimore, American Building; Pittsburgh, 315 Fisk Avenue; Buffalo, 215 Franklin Street; Cleveland, Hopkins Building; Detroit, General Motors Building; Cincinnati, Mero library Building; Chicago, Wewantsville Building; St. Louis, Arcade Building; Kansas City, Scruitis Building; Los Angeles, Geisinger Building; Montreal, St. Lawaschwe, West.

Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. An agreement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm.