## HOUSE \& GARDEN <br> A Conde Nast Publication



Household Equipment • August, 1932 • Price 35 cents

## Beware Of Smoker's Teeth



HOW DR. BŌST, CONDUCTING A SCIENTIFIC RESEARCH, DISCOVERED THE IDEAL TOOTH PASTE

THERE is an accepted saying, old as the hills, that "smoking is bad for the teeth." It is like saying "eating is bad for the health."

Both have their effect on the teeth. Eating certain foods has a discoloring tendency of one kind. Tobacco smoke has another. Millions of men and women of refinement are enjoying their smoking, selecting tobaccos and blends with real discrimination.

It is distinctly a polite habit, and a soothing one, of great comfort in these rapid-moving days.

Dr.Wm. Dale Bōst, Doctor of Pharmacy and Pharmaceutical Chemist, who has achieved eminence in many lines, after discussing the matter with hundreds of smokers and manufacturers of cigarettes and cigars, determined to make a thorough laboratory research, and compound, if possible, a tooth paste which would cleanse and sweeten the mouth
after smoking and quickly and surely remove tobacco as well as all other stains and films. There was definite need of such a dentifrice.
It must do this by the gentlest methods, without abrasives or acids which would work injury to enamel or mouth membranes. Such a work, carried out successfully, he was assured, would be a priceless boon to smokers.

Concluding his research, Dr. Bōst, discovered by exhaustive tests that he had been completely successful in producing:
(I) A tooth paste which would readily remove the stain of tobacco, or any other organic substance, and even many inorganic stains.
(2) A pure, wholesome tooth paste, free from any injurious ingredients what-ever-a positive tooth preserver, beneficial to gums and membranes.
(3) A counteractant for mouth acids and a breath sweetener-an ideal mouth cleanser.

MAKE THIS Startling testi

Blow tobacco smoke through your handkerchief. It leaves a brown stain.
Cover stain liberally with Bōst Tooth Paste, then brush it briskly, and-the stain disappears!

## INTRODUCTORY OFFER

Send 10 cents for week's supply to Bōst, Inc., Dept. V, 9 East 40th Street, New York.
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## THE CRAFTSMAN

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The famous silversmith paul Revere in his workshop

Most silver patterns today are created from a design drawn on paper by the artist who conceives them . . Not so the craftsman . . . The designer bere worked like the old-time master silversmiths . . . The pattern was entirely conceived, wrought, and finished in actual silver . . . The designer needed the metal itself in each step of creating the pattern, to aid bim in building such simple perfection . . . It took bim days to make the first piece exactly to bis liking . . . That is why the craftsman has the feeling and many characteristics of handmade workmanship . . . The finish is beautiful, and the price remarkably reasonable. . . Send now for a tea spoon.


- UNUSUAL FEATURES OF THE CRAFTSMAN PATTERN

Note the suggestion of a joint where bowl and tines join the handle . . . a characteristic form of certain Old English silversmiths, here delightfully refined. The end of each handle has, on the back, a pleasing thickening of the silver, an everlasting cushion resting easily on
the table. This pattern requires the most skilled craftsmanship, for the beauty of the design, like that of a fine diamond, depends on each facet and lovely surface being exactly right. Every piece has the feeling, weight, and balance of handmade silver. Yet modern methods enable
us to offer it at almost the price of our Lady Diana, Louis XIV, and Symphony.

SEMD FOR A TEASPOON THE CRAFTSMAN is so very new that your jeweler may not yet have it . . . It is far lovelier in silver than in print. We bope you use our offer below.

THE TOWLE SILVERSMITHSP DNEWBURYPORT•MASSACHUSETTS

|  | Dept. G-8: I cnclose $\$ 1.50$ for a Bride's Pre-view Showing of THE CRAFTSMAN, including a tea spoon, prices, and Emily Post's delightful "Bridal Silver and Wedding Customs." Engrave my initial $\qquad$ in style checked: <br> M6 Script <br> $\square$ Old English Modern |
| :---: | :---: |

I understand that if not engraved I may return spoon, receiving $\$ 1.25$ back

## SCHOOLS OF HOUSE \& GARDEN

# GIRLS' SCHOOLS 

## The KNOX $\underset{\substack{\text { for Chool } \\ \text { Cirls }}}{\substack{\text { St }}}$ <br> COOPERSTOWN, NEW YORK

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-LOW-HEXWOOD-
 Sehool. Outdoor Sports. Address Mary Rogers Roper.
Headmistress. Box D, Stamford. ${ }^{\text {Connnecticut. }}$ (

Any information you may wish in regard to schools . . . will be given to you by our experienced staff, without obligation. HOUSE \& GARDEN'S SCHOOL BUREAU, 1930 Graybar
Building, Lexington at 43rd, New York City.

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## Reader Questions and Our Answers

Q. Do you recommend only those schools which advertise in your magazine?
A. The answer is, most decidedly, no. It is the purpose of House \& Garden's School Bureau to give you impartial information on whatever type of school you may be interested in. It sometimes happens that the very school which would seem ideal for the reader's needs is not an advertiser. In that case we do not hesitate to recommend that school. Our advertisers understand this. Other things being equal we naturally give the preference to our advertisers, but our first objective is to help the reader work out his or her problem.
Q. Do you give advice of a vocational nature to students who are rather at loose ends after their high school work?
A. No, we prefer to leave such a diagnosis as they should have to specialists in the field who are qualified as vocational counselors. However, after the counselor's work is done, we are quite willing to step into the picture and suggest specific schools teaching the subject which is to comprise the student's vocation.
Q. Why should a school in Tennessee charge almost half as much for tuition as one in New York State?
A. In comparing two schools in different parts of the country you must take into consideration many other factors besides geography. Your first reaction may be that the less expensive school is low in academic standards. This may or may not be true, but you must also remember that this apparently "cheaper" institution is probably paying less for its property and buildings. The faculty, too, may require lower salaries. There may be great differences in the athletic and other accessory equipment of the two schools. In general, we should never eliminate any school either because its tuition seems too high, or too low, until we know something of the factors mentioned above. If you will study the literature of the two schools you had in mind, you will probably find that these features account for the otherwise unexplainable difference in tuitions.

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ited. Catalog. Box 934, Tary-
Y. Rev. J. M. Furman, L.H.D.,

## The best of everything for her

 o which the belorg till her eduction to which she belongs by right of birth. Will her education reflect the advantages of her position and background? How about a year or so in some good private school for young ladies? Even if you have to economize in many ways?A private school can give your daughter many things that you cannot give her at home, many things that are not available to her in your community. In private school your daughter must learn to choose her own friends. She will have an opportunity to form friendships with other girls that probably will be the sweetest and most enduring of her lifetime-friendships that will grow more precious than rubies, with the years.

In the miniature world of the school your daughter will learn to live amicably and happily with girls who represent dozens of different viewpoints. She will meet girls who come from far away homes, perhaps from distant foreign countries. She will shed her provincialisms, if any.

Only a boarding school can give your daughter that assurance and poise, that indefinable something, that means so much in the world she lives in. Girls need discipline just as much as boys, only it is a different kind of discipline. Your daughter will have regular hours, a judicious arrangement of work-time and play-time. She will have a schedule of exercise, too, and not much chance to beg out of it.

Your daughter is in those trying 'teens, a complex and highly organized young creature with a head full of strange ideas, which are nevertheless quite normal at her age. Education is one of the things that cannot wait. Just now she needs intelligent direction which is not unduly tempered by affection. That is what a private school will give. And that is just what you yourself cannot give, because you are so very fond of her.

Look through these pages and write to some of the fine boarding schools for girls whose announcements appear here. If, after conning catalogues, you still need advice, write to House \& Garden's School Bureau, 1930 Graybar Building, Lexington at 43rd, New York, describing your problem as comprehensively as possible.


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Your boy, is he at that "difficult" age when a good, old-fashioned spanking seems indicated for almost every hour of the day? Or, does he verge too far towards the dreamy, indolent type, who shrinks a little from the companionship of his fellows? Howe'er it be, a good private school for boys is nearly always good for the boy, building up the shy and diffident lad, toning down the over-bold and noisy youngster. The private school is used to both types.

Every business and profession in the world is crying for leaders, especially in these troublesome times, when old formulas have failed to work, and new courses must be charted. The world needs men who can command without bossing, because they have learned to obey without cringing. It wants men who realize the value of teamwork and who know how to organize the team. It-this old world-is "in the market" for many men with cool heads, strong bodies, clear minds. Men in whom the sense of honour and sportsmanship is stronger than the mere love of fame or money.

A good private school for boys, whether straight academic or military, will develop these qualities in your boy. You have given him the best home in the world. You have done everything you can to give him the best of everything so far. Now give him a flying start in the Olympic Games of life by a few years at a boarding school. You'll find that the experienced man of the world values his private school associations, as he values nothing else in his life.

Write to some of the fine boys' schools you will find advertised in House \& Garden from time to time. House \& Garden's School Bureau recommends them to you. The schools will be glad to give you full information. But if, after receiving it, you still need guidance, do not hesitate to ask for advice from House \& Garden's School Bureau, 1930 Graybar Building, Lexington at 43rd, New York City.

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- A delightful and unusual way to dispose of a corsage of Gardenias is suggested by these two cylinders of smoky brown glass. These flowers, whose stems are usually far too short to stand upright in a vase, may be dropped into these graceful containers to float upon an inch or two of water. Measuring four and six inches tall, these vases cost $\$ 2.25$ and $\$ 6$, respectively. Imported from Holland. Rena Rosenthal, 520 Madison Ave., New York.

- The American Eagle has flapped his wings on many a decorative gewgaw since the beginning of this year of grace and the Washington Bi-Centennial, but nowhere has he been more effective than on this pewter desk set which would be perfect in an Early American library. Blotter pad, $\$ 9$; small blotter, $\$ 5.25$; calendar, \$4. Paper knife, stamp box and pen tray may be had to match. J. Laura Steinhardt, 7 West 81st Street, New York.
- And now electrocution for bugs! Beneath the innocent appearance of this outdoor lantern lurks a deadly menace to the insect world. Mosquitoes, moths and other nightly marauders attracted to the light, are instantly killed by the electrical current in wires strung upon the white glass. Harmless to the animal kingdom. Bronze-finished brass. \$15. Hand-forged iron bracket, \$2. Hatheway-Patterson Corp., 225 Varick St., New York.

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LABRADOR RETRIEVERS, MRS. MARSHALL FIELD

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The Labrador Retriever has been recognized by the American Kennel Club for some time. It is included in that group of dogs known as Sporting Dogs, whose instincts for hunting and retrieving game are the result of centuries of careful breeding to strengthen and intensify all the qualities of intelligence, steady temperament, poise and keenness (Continued on page 7)

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## READER QUESTIONS AND OUR ANSWERS

(continued from page 6)
of scent. They are docile, gentle, loyal, loving and affectionate. Besides their hunting ability they make most desirable companions and pets and all-around family dogs. They have true sporting instincts. In a general way this describes the Labrador Retriever. The Labrador is $99 \%$ dependable. There is no roughness to the dog's makeup, and it could be around all day without making its presence obnoxious. It is one of those dogs that naturally do the right thing at the right time. One's first impression of the Labrador is, "Here is a dog that has common sense to a greater degree than is usual in dogs.'
When it is realized that the requirements expected of a good Retriever are to be steady, obedient, and willing, it is not difficult to understand why the breed has reached such a firm place in the English dog world, and why a group of wealthy and sincere sportsmen in America have recently taken up the breeding of the Labrador with the idea that the dog should assume its rightful place among the sporting dogs in this country.
Everything about this dog suggests poise and character. The Labrador is a strongly built, short-coupled, very active dog. The coat should be close, short dense and free from feather. The skull should be wide, with plenty of brain room. The eyes should be of medium size, expressing great intelligence and good temper, and can be brown, yellow or black. The ears should hang moderately close to the head, rather
far back, should be set low, and not be large and heavy. The neck is long and powerful. The ribs should be well sprung, indicating great breathing capacity. The legs are straight from the shoulder to the ground, and the feet are of the kind that support and carry a long and well-built, symmetrical body. The tail is a distinct feature of the Labrador; it should be carried gaily and should not curl too far over the back. The color is generally black, but other colors are permissible.

- Is an overshot jaw in a Peking ese a serious drawback?

Mr.C. B. A.

- The extent to which the upper teeth extend over the lower jaw determines how much of a fault it is. The teeth ought to be level. The lower jaw should be strong and prominent, and not hidden. It is a greater defect in a dog to have an overhung jaw than to have an undershot jaw.
- Do you see any objection to a dog eating an apple once in a while? Mr. D. P.
- Most certainly not, especially if the $\operatorname{dog}$, it. As a matter of fact, not on... apples, but citrous fruits-orange juice, lemon juice, and grapefruit juice-are fed in proper quantities today as anti-scorbutics, or tending to discourage skin trouble. Orange juice is used very extensively in the weaning and after-weaning feeding of puppies up until the time they are four and five months old. (Continued on page 8)


## IMPORTED DOGS

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## New Dog Book

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bling over with the things you want to know about dogs. Popular breeds of dogs $\ldots$ their care and feeding...curing the
 .... whelping table...breeding record... and many other dog subjects by a man who mows dogs for the man who has dogs. Nothing like it in print. It's new. It's unSept. 15, 1932).

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## READER QUESTIONS AND OUR ANSWERS

- About two weeks ago we pur- - Can you suggest anything that chased a Sealyham Terrier which will rectify flesh-colored patches we hoped would turn out to be a good watch dog, but which has not developed in that respect as we expected. What would you say concerning this? Mr.J.T.S.
- Give your dog time. In all probability, he is not stupid, but the newness of the surroundings has not enabled him to settle himself and act as he probably will with the passing of time. Encourage him in every way, if he uses his voice and shows excite ment and fuss when there is a knock at the door. The solution of this problem, as with many others concerning dogs, is in your hands. Incidentally, a good book on the general subject of dogs is recommended.
on the nose of a puppy?
Mrs. B. D
- The fact that your dog is still a puppy gives you the one chance that you can turn the nose black by the use of a tonic containing iron, for which you should consult a veterinarian specializing in small animal practice.
- Is it unusual for puppies to be born with a patch of white hair on the chest? Mr.M.M.
- No, it is not. In most cases the white patch will disappear with the casting of the puppy coat The presence of a few white hairs is not considered detrimental.


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## Do you know these departments?

House \& Garden is divided into departments, for your connience. You'll find sections devoted to schools, travel, $y_{s}$, a shoppers' and buyers' guide, decoration and fine arts, real estate, reviews of trade booklets, books, gardens. There is also a gardener's calendar, a bulletin board of Editor's qo $-\cdots$ ip, a page on Editorial personalities and an index of products advertised in each issue. Just for fun, find these sections in this issue, so that the next time you are interested in one of these subjects, you will be sure to remember to up in House \& Garden.


Jan. 7, 1933.. The "Queen of Cruising Steamships" leaves New York for that greatest of de luxe travel advenfures, those magical 38,000 miles and $4 \frac{1}{2}$ months of exploration in far-away lands, among strange peoples, seeing the wonders of the world-the" Voyage of your Dreams" (BESOLUTE
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of stage and screen. Folder on request.

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## [Woriocnulst]

This voyage is so timed that in all the thirty countries visited ideal weather holds sway. Seventy-two days of de luxe shore excursions ( 11 days in India-7 days in Japan) is included in low rates-from $\$ 2,000$.

HAMBURG-AMERICAN 39 Broodway LINE N


$\mathrm{H}^{0}$I Ypeless to think of sleep. You toss between hot sheets -suffocated. If only you could spend the night out-of-doors!
But-why is it cooleroutdoors? Why is your house, your bedroom especially, so stiflingly uncomfortable on summer nights?

You know how unbearable the attic of a house gets in hot weather. That's because all day long the roof and the space directly beneath it are absorbing the sweltering heat.
Now in most houses this stored-up heat easily penetrates through upstairs ceilings. And that's why at night, just when you're so in need of refreshing sleep, your bedrooms are unendurable.
In winter, of course, it's just the reverse. Your attic gets cold as ice. It takes quantities of fuel to make the upstairs comfortable. Because all the time your costly furnace heat is filtering right through bedroom ceilings and away!
Always this has been one of the biggest problems of building. A really adequate method of home insulation has been sought by builders for many years.

Now, for the first time, such a method is available-discovered by Johns-Manville after 70 years of leadership in the industrial insulation field.

## J-M Experts Solve the Problem!

 The discovery is as simple as it is revolutionary. All the spaces between the joists or cross beams which separate the attic from the rest of your house are completely filled with a permanent fluffy "wool"-made from melted rock! This rock wool is "blown" into place with a unique J -M pneumatic process. The whole operation can be performedwithout dirt or disturbance-in 8 to $2+$ working hours.Just think of it-a layer of rock wool, 4 to 6 inches thick, above your bedrooms!

Stored-up attic heat shut out. Winter warmth kept in. Actually, summer room temperature may be reduced from 8 to 15 degrees by this method-winter fuel costs cut from 20 to 35 per cent.
Johns-Manville Home Insulation acts as fireproofing, too. And it's verminproof. Mt. Vernon and other great national shrines are protected in this way.
Thousands of homes, old and new, have been made more comfortable by this method. Why not send for the booklet today?

*     *         * 

For maximum comfort and fuel savings, J-M Insulation should also be installed in house walls. Most houses have hollow walls. This hollow space transmits heat in summerhollow space transmits heat in "summer-
draws off warmth in winter. J-M "rock wool" draws of warmth in winter. $J$-M rock wool insulation, blown into walls as well as at
floor, thickly insulates your whole house.
$W_{\text {hy }}$ Swelter in a "Hothouse"? Here's a method that actually loverts bedroom temperature 8 to 15 degrees in summer-reduces winter fuel corts 20 to 35 per cent!
"During the summer months, the second floor of my house was almost unbearable. The re-
sults of Johns-Manville home insulation were beyond my espectation. The second floor during the hottest weather was comfortable."

$$
\begin{aligned}
& \text { L. A. Pierce, } \\
& \text { St. Lo }
\end{aligned}
$$

## St. Louis, Mo.

"During the hot days of last summer, it was from $18^{\circ}$ to $20^{\circ}$ cooler inside the house than outside in the shade.

John C. Mundt,
Sioux Falls, S. D.
"We found that in summer months, our home, which is a one-story bungalow, was from $8^{\circ}$ to $10^{\circ}$ cooler than our neigh. bor's house of the same type. Paul Jones, "I had opportunities to match up my heating bills with others using different types of insulis $30 \%$ higher.'
F. Winquist,

Elmhurst, Ill.

## Johns-Manville

Street

City $\qquad$ State

## THE

## BULLETIN BOARD

Soups for gocrmets. Life has not been quite the same since we tasted these two soups. They raised dining to an ecstasy.

The first is a concoction of Swedish origin and worthy of a king. Take two cans of consomme. Chop up an onion and an apple. Boil them in the consomme until they are softened beyond recognition. Then strain them off. To this delectable liquor add a small jar of cream and a generous dash of currie powder. The savors are so blended in this soup as to defy detection.

The second came from Algiers. Roast shelled peanuts in an oven until they are deep brown and crisp. Then pulverize them. Stir this paste into a consomme stock until the consistency is that of pea soup. For the final filip, add cream. With either of these soups, any meal is a success.

Marital hint. Lest you wish you had never married him, refrain from speaking-though ever so kindly-to a husband when he is in the midst of pruning a Climbing Rose. An hour among the thorns gives even the meekest man a thirst for blood. It boils his wrath up near the surface. It invariably sets him in a murderous mood. The canny wife, finding him in this disposition, will set a long, cool drink nearby and go away quietly.

Wetting sports. The Baroque period, that obese flowering of the Renaissance, saw the introduction of water tricks into gardens. No estate was worthy the name unless it had some fountain that spattered the on-looker or a seat that sprayed amiable ladies to their consternation. These were called "wetting sports." So far we have seen no indication of their revival in modern gardens. Perhaps the wetting sports of our time will be restricted to the mischief of small boys flicking around the garden hose.

Ancient nudism. It is all very modern to claim that sun bathing is a product of our own era, yet the ancient poets were always having their lady loves dance diaphanously across the mead and maidens go out at dawn (we suspect in their night-gowns) to gather fresh dew for a cosmetic. The modern school of nudist poetry not yet having risen, permit us to quote these two lines of intimate loveliness written by Michael Drayton in the 16 th Century :-
"A world to see, yet how he joyed to heare
The dainty grasse make musicke with her feete."
Playing safe. The proverbial cat on the glass-strewn fence is a reckless valiant compared with manufacturers today. They are suffering from an excess of caution and conservatism. Either they are busy watching what the other fellow is doing, or they are satisfied with adding only $a$ few fresh items to their lines. We will soon need new creative designs.

Blankets and sheets. Our scouts, who learn things by asking questions, have been delving into the problem of sheets and blankets. For example, they find that in the popular-priced blankets, blue, rose and green run neck and neck as the most-chosen colors, with orchid and gold trailing close behind. In quality blankets, however, green leads, with rose, orchid, blue, gold, peach, tan, rust and mahogany following in that order. And it may make life more tolerable for restless sleepers to learn that there is an increasing demand for longer sheets.

## RUNNING WATER

By running water let me rest, By some rebellious fountain
That cleaves a crag where eagles nest And billows down a mountain,
Or leaves a canyon's rugged walls For pleasant woods, or doubles Around a ridge in laughing falls, All rainbow-spray and bubbles.

Soft mosses clothe the living rock Where running water gushes; To running water bluebirds flock With tanagers and thrushes
As visions flock where lightly flows The mountains' wayward daughter, For poems are revealed to those Who rest by running water.
-Arthur Guiterman
Persistent Persians. Tides of taste may flow and ebb but still the Persian patterns for rugs continue to hold their place. Our scouts report that the purchasing public, with a canny way of sticking to good, old friends, is still buying Persian designs. At the same time there is a slight flutter in the direction of plaid effects and small checks which seem to make themselves very much at home beneath French Provincial and Early American pieces.

The passion for baskets. Perhaps the only person who looks with a jaundiced eye on baskets is the customs inspector. Scarcely a boat comes into any port of the world but pours out its passengers carrying some sort of baskets. With very few exceptions mankind has a weakness for them. Their making was among the first arts of primitive people and, through the course of the centuries, they have often risen to the sublime degree of a fine art. Each race and country and section has expressed its taste in the making of its baskets. By their baskets you may know them-the peasants of Jamaica, the bamboo weavers of China and Japan, the back-country folk of America. One of these days some sufficiently informed person will write a panegyric on them-for which we shall be devoutly thankful, as it will save our doing it.

Bed table books. Add to your list of changr ing styles those books you find on guest room bedside tables. There was a time when a pious generation considered it necessary to fill the mind with quieting religious sentiments before blowing out the candle. To their guests they offered Richard Baxter's The Saint's Everlasting Rest, Keble's Christian Year or The Imitation of Christ-and in one old house we once actually found a copy of William Law's Serious Call To A Devout and Holy Life.
Nowadays the literary sleeping potion is of quite a different sort. D. H. Lawrence, Aldous Huxley, unrhymed verse and hair-raising mystery stories are more in the tempo of the time.

The pious books of the prior generation were calculated to make you think of your own sins and follies before you went to sleep. The bedside books of today make you think of other people's sins and follies. It is obvious that considering the weaknesses of other people is more conducive to sleep than mulling over our own. Consequently the dust gathers on Thomas à Kempis and Baxter and Keble. There are times, however, when we hanker for a paragraph of the Imitation and a hymn from The Christian Year.

Glass hedges. The Germans, who are immensely clever in devising such ideas, are using large sheets of opaque glass between sections of their gardens instead of green hedges. They are held in iron frames fastened to posts. Thus no part of the garden is robbed of sunlight and yet destructive winds are successfully repelled.

Ranks and digntites. The speed with which new seedling Irises are offered by American breeders may seem bewildering to the layman, for with equal speed so many of them are forgotten. So many retain their dignities for so short a time and then retire to the ranks of the general good average. In making a garden you can begin with the newest leaders and keep up that pace (which will be quite expensive) or stick to the ranks. In the Iris world the ranks are fast becoming of a high order indeed.

The decorators' institute. During the short scope of this past year the American Institute of Interior Decorators has accomplished many laudable purposes. It came into being and set up the machinery for its work. It established a code of ethics equitable to all whom it concerns. It gathered into association a nation-wide membership that has qualified through the sound principles of education, experience and financial responsibility. By these accomplishments it has created a respect for the profession and given its individual members surer standing among those who pursue the creation of the fine arts.

Hotses. It has been estimated that something like 45,000 houses will be built this year. From thirty-six to thirty-eight per cent of this construction will take place, it is said, in the Middle Atlantic States and with fully half of it in the metropolitan New York area. The curve in home building seems to be rising in Kansas and dropping in Massachusetts. Of course, compared with the peak years of construction, these figures are not highly encouraging. We merely set them down to prove that building is still alive.

Fiowers for cities. The habit of adopting $^{\text {a }}$ and growing one flower, tree or shrub is becoming a commonplace of civic endeavor. Portland and its Roses, Rochester and its Lilacs, Charleston and its Azaleas, Atlanta and its Peach Blossoms are all examples of horticultural lure that cities have adopted. And now a wag has suggested that Reno adopt Love-Lies-Bleeding!


The "EverHot" automatic gas water heater, manufactured by the EverHot Heater Company, Detroit, Michigan, is equipped with an allwelded tank of Everdur Metal which combines the corrosion-resistance of Copper with the strength of steel. Small cross-sectional view shows the details of construction which include several exclusive features.
"EverHot" Gas Water Heater, made by EverHot Heater Company

## Only Rust-proof storage tanks provide clean hot water indefinitely


#### Abstract

Leading manufacturers offer water beaters with rustless tanks at new low prices


ANY new water heater will at first give satisfactory service. Regardless of the kind of metal used for the tank, it will deliver clean hot water for a time. But only a rust-proof storage tank will provide a plentiful supply of clear, clean bot water indefinitely.
Since hot water hastens the formation of rust, it is certain that a tank that rusts will
sooner or later have to be replaced. In the meantime you must put up with rusty water-always a nuisance . . . And don't overlook the fact that letting the water "run clear" wastes fuel.
So why take chances ... why invite annoyance and expense with a rustable tank... especially when rust-proof tanks today cost so little more? Here is an opportunity to make a wise investment in durable equipment that repays its cost in upkeep savings. Whether you buy a storage water heater or a range boiler, make sure the tank is made of Copper or EVERDUR (hardened and strengthened Copper).

Everdur . . . Anaconda Copper, alloyed with silicon and manganese . . combines the rustlessness of Copper with the strength of steel. And the ease with which it is welded makes Everdur, produced solely by Anaconda, the ideal metal for volume production of rust-proof tanks of the welded type.
You may obtain further information on rustless automatic heaters from your gas or electric company, plumbing contractor, or by writing to The American Brass Company, General Offices: Waterburf, Conn. In Canada, Anaconda American Brass Limited, New Toronto, Ontario.

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Anton Bruchl's appreciation of the realistic and dramatic in pictures has made him one of the outstanding photographers of today. His ability to achieve these qualities in his work has led him into a new field-color photography-much of which appears in House \& Garden


Designer of Fostoria glass and Director of the Bureau of Design for the American Radiator \& Standard Sanitary Corp., George Sakier has done much to further the progress of design in decoration. The glass bathroom shown this month is one of his latest developments


Louis Bouché, mural artist and Assistant Director of the New York School of Interior Decoration, was among the first to recognize the Victorian era in art, many of his delightful murals portraying this period. A recent achievement, in another manner, appears on page 14

WHO IS WHO IN HOUSE \& GARDEN


Although inspired by the Italian Renaissance, these wall decorations of the azure Mediterranean seen through flowered arches are modern in feeling and treatment. Louis Bouché was the artist. The bath is in the New York residence of Mrs. Robert A. Lovett


Sentimental motifs from a Victorian memory book-gloves, pressed flowers, valentines, fan-come to life in this mirrored bath painted by James Reynolds in the mood and colors of today. Color scheme is also modern The New York home of Mrs. Richard B. W. Hall. Diane Tate \& Marian Hall, decorators

THE GOLDFISH ON THE BATHROOM WALL

THIs is the story of a mistaken idea. The idea was that the same source which starts a movement might have a reasonable expectation of being able to stop it, or, at least, to put on the brakes. No notion could be more unfounded.

Some years ago House \& Garden published an article by Will Beebe, who had just returned from one of his famous deepsea diving expeditions, and who wrote about the unbelievably beautiful color combinations he found in the fish and in the shells and corals that live on the floor of the ocean. He hinted that these colors might be applied to the decoration of rooms.

Since there is a distant association between bathing in the lesser waters of a bathtub and the greater waters of the sea, House \& Garden took up this merry idea and suggested that bathroom walls might be decorated with murals or wall paper showing these colorful undersea ideas. Almost immediately the suggestion was tried. Manufacturers made wall paper and artists started painting feverishly. Goldfish on bathroom walls became first a smart innovation, then filtered down to the dull mediocrity of a commonplace. Baseboards in a hundred thousand bathrooms werc strewn with images of shells and
coral. Fish darted hither and yon up a hundred thousand walls. One ingenious decorator became so enamored of the fish motif that he covered the entire four walls of a bathroom with a gigantic whale, and the bather in the tub sat in exactly the same anatomical position as Jonah.

Fun is fun and enough is enough. We began tiring of the goldfish on the bathroom wall. We even made so bold as to stand up publicly and say so. Thereupon the deluge descended. Newspapers wrote editorials pro and con the sybaritic bathroom. Some were tired of goldfish too. Others cried for bigger and better goldfish. One called for "more Turkish bathrooms, more elegantly Louis XV bathrooms, fabulous combinations of gold and chromium and crystal, smoking fixtures, bookshelves for the literate bather, pastel shadings and soft lights, interiors to satisfy those who 'esteem the mental and almost spiritual significance of beginning the day in beauty." "

The final blow fell when the National Association of Master Plumbers, in convention assembled, took up the cudgels for the goldfish and all that the goldfish on the bathroom wall symbolize. Apparently it was this society which found "almost spiritual significance" in them.

## By Richardson Wright

Mind you, this entire undersea bathroom movement grew from a faint association of ideas. Just such an association, many generations ago caused people to think that "eating" pictures should adorn the walls of dining rooms, and an entire school of Flemish painters arose to cover canvases with the outpouring of the vegetable, game, fish and meat markets of their time. This association persisted down through the Victorian era, as the chromos of things to eat which hung on our grandfather's dining room walls can well attest.

Taken as a whole, the modern house is one of the highest forms of civilization mankind has attained. The kitchen we have made a highly mechanized food laboratory. The bedroom, whether it be decorated in the furbelowed style of Louis XV or the stern puritanism of the Modernist, is equipped with the essentials for sleeping-a comfortable bed, a light near it under which to read and windows to let in sunlight and air. In most homes there are actually books in the room the owner designated as the library. We have also witnessed the rejuvenation of the old front


Paul Lemare

Decorative features of this bathroom in Paris are a glittering chandelier of mirror and silver balls, enclosed lavatory and embroidered mousseline curtains. Nancy McClelland, decorator
parlor into a living room in which people really live. All of these rooms have been refined by the esthetic touch of interior decoration.

It was natural that, in the course of this evolution of the well decorated house, the bathroom should lose its icy and sanitary whiteness and begin to take on the sybaritic luxury of a Roman bath. But are they so luxurious? For a matter of fact, our bathrooms today if found in the home of say, Pliny or Sallust or any of the elegants of the great Roman times, would cause those worthies to pale with chagrin. We have still a long distance to go before we attain all the exquisite refinements of Caracalla's bath or of Vergil's with its separate swimming pools for hot, tepid and cold water. Our solitary jar of bathroom salts, be it ever so elaborate, is a meagre luxury compared with the unguent room of a Roman gentleman's bath, which provided him with a differently scented bathing oil for every day and mood. We may boast of hot and cold running water, but where are our warm rooms and our chill rooms? How many households maintain a masseur as they do a cook?

No, we have only heard the faintest hint of the infinite refinements of bathing that the well equipped Roman household enjoyed. We are the veriest tyros in the "mental and almost spiritual significance of beginning the day in beauty."

We have made a beginning, however,

and many ingenious effects are to be found. Some represent a large outlay, others are not so expensive. Bathroom walls entirely covered with murals is, of course, an ambitious and often costly venture, more than justified, however, when the results are so outstanding as in the case of the wall decorations shown on page 14. These beautiful murals of the blue Mediterranean seen through flowered arches were painted by Louis Bouché who succeeded in giving an effective modern twist to a scheme inspired by Italian Renaissance architecture.

If your bathroom must be done on a budget and your luxury loving soul demands a decorative background, the effect of walls entirely covered with murals may be approximated with wall paper. There are many designs in wall paper and washable wall coverings suitable for bathrooms that insure charming effects at little cost. Richard E. Thibaut has some decorative fish papers, should you be under-sea minded. At Thomas Strahan you will find delightful Early American designs, while Salubra, that practical washable wall covering, is now made in period designs in addition to their striking modern patterns, many of which would be smart in bathrooms. Washable wall coverings-Sanitas, Wall-Tex and Salubra-solve the problem of bathroom walls at little cost as they are durable, practical and decorative.

Mirrors are (Continued on page 54)

Pink, gunmetal, turquoise

## for the bathroom setting

$M_{\text {Irrored walls }}$ in a subtle gunmetal shade sport a frieze of decorative marine vegetation sand-blasted into the glass. Floor is turquoise, black and white rubber, ceiling paler turquoise and the Neo-Classic fixtures shell pink porcelain. Designed by George Sakier for the American Radiator \& Standard Sanitary Corp.

## The return of fine eating


$\mathbf{I N}_{\mathrm{N}}$ January, 1930, when the first rumbles of the financial earthquake had roused the world to the fact that something serious was happening, House \& Garden published on this page an editorial entitled "The Recent Rise of an Old Art-Staying Home." In this we prophesied that people would stay home more than heretofore, and that they would amuse themselves by playing games. These two prophecies have been amply fulfilled. Today the household that isn't equipped with domestic games lacks an essential to contemporary living. People who don't play games at home are out of step with the times.

Now we would make another prophecy. We venture to suggest that the American home is entering on a régime of better eating, a keener appreciation of the gastronomic arts, and that more thought will be given to the equipment and service which accompany dignified, enjoyable meals.
$\mathbf{T}_{\text {he cuisine of }}$ America is a conglomeration of sectional specialties. New England contributes the codfish ball, baked beans, brown bread and blonde clam chowder. The South gives us Virginia ham, beaten biscuits, terrapin, chicken fried in batter and the innocuous substance of hominy. The far Southwest has been infiltrated by an assortment of hot Mexican dishes, and from the Pacific coast has spread a taste for occasional Chinese essays in gastronomy. There is no purely American cuisine. Most of the country still writhes under the gruesome shadow of the frying pan.

It is a fact that the best eating and the keenest appreciation of good food are found among those peoples who drink wine with their meals. Now the art of drinking wine to enjoy it, is a slow process. Only a boor or a pagan gulps wine. It must be sipped. This act of sipping sets the tempo for the meal. It can also stand as a symbol of two fundamental facts- (1) that good meals require time and thought in preparation and (2) that to be enjoyed thoroughly a meal should be eaten slowly and appreciatively, accompanied by stimulating conversation and laughter. A good meal is a sonata in adagio time.
$\boldsymbol{I}_{\mathrm{T}}$ is our warped idea of time, perhaps, which has robbed America of splendid eating-that and the absence by law of wine. We have a notion that we who rush through life and work accomplish much more than those who go slowly. Patient preparation and slow enjoyment appear a waste of time. The rushing habit has caused us to support the erroneous idea that time passed in the making of a good meal and the eating of it is time wasted-or, rather, time expended on non-essentials. During the past few years, since the depression fell upon us, Americans are undergoing a re-valuation of time. Many of them now have much more time on their hands than heretofore. They are learning the necessity for going slowly. They are also gradually learning to enjoy those phases of life that require time.
$\mathbf{A}_{\text {Nother hopeful sign found in our new habit of }}$ staying home is that women have fewer outside distractions and can now devote more thought to the planning and preparation of meals. There is a pronounced effort to vary the régime from day to day. The exchange of recipes is fast taking the place of contract post-mortems. Cook books are becoming best sellers. A new basis of competition among housewives has arisen with the desire for better cookery. By their meals ye shall know them. In olden times they said of a successful wife, "She sets a good table." Might we not revive that?
This essential business of eating lies at the bottom of all marital success. The Renos of the world are filled with men and women who lack an appreciation of the making and enjoying of a good meal.

In addition to the the the required in the preparation and actual eating of a meal, two other factors are essentialthat the table be properly equipped and the service be conducted with dignity. The latter is obvious, but equipment requires a word. The deadly sameness of many meals is often due to the fact that one eats off the same china day after day and that the same meals are served in the same place. The successful housewife has a wardrobe of dishes, centerpieces, decorations and linens, and she changes them as she changes her dresses. No two meals are alike. She does not oblige her family to gaze at the same fern dish three hundred and sixty-five days out of the year. Each meal is given a fresh nuance by a change of flower bouquet, china, glass, silver and linen. The surroundings of the meal stimulate the appetite.
$W_{E}$ also suffer, we Americans, from what might be called the worship of the holy dining room. Because we have a dining room in our home we believe that all our eating must go on there and in no other place. The trough is stationary, as in cattle pens.

Why not eat all over the house and the garden? Why not surprise a commuting husband by serving breakfast before the living room fire or under a tree? Why not try out having luncheon in the library or by the garden pool? Avoid the dining room fetish, and the success of many a meal is half won.

Whether it be breakfast under the Elms or dinner in state, it is a highly laudable ambition to make the meal a success. The chances for such success are now with the American people. Nor is it too much to hope that out of our newer appreciation of the time required to prepare and enjoy a good meal we may evolve an American cuisine worthy of our enjoyment. And when we have learned to relish the quality of this enjoyment, we shall toss slap-dash meals into the same limbo whence has already gone that other American fallacy-getting rich quick.


John Kabel

Wired conveniences • By Elizabeth Hallam Bohn

The far-sighted home-owner realizes that wiring a house properly is as vital to convenience, health and comfort, as arc the plumbing and heating systems. To assist him in planning his home, an electrical association has developed a series of wiring charts that is helpful in calculating the number and location of outlets necessary to an efficient electrical system. If the owner, who knows the individual family needs, discusses these charts with the architect or electrical contractor an effective installation should result.

Beginning with the front porch, let us see what improvements have been made for electrical convenience there. At least one light should be provided for each outside entrance, with inside switch control. A new development is a momentary contact switch for the porch light, controlled by a luminous button at the house entrance. By a touch of this button, light


Sixdwiches entrusted to the Edicraft grill shown above come out with a delectable, golden, toasted finish. This machine may also be used to broil small steaks and chops. N. Y. Edison Co.


Cook your egys by steam in this Hankscraft breakfast table assistant. Boils, poaches. scrambles and steam-fries. Porcelain base in green, yellow or blue. Metal top, Self-timing. N. Y. Edison

breakfast table set with appliances shown below
floods the entrance and simplifies finding the keyhole. The moment the switch is released, the light is turned off. An illuminated house number is made by the same manufacturer. Weatherproof outlets, for lighting connections and appliances outside the house, are useful for country homes, as are the new portable and weatherproof floodlights for lighting driveways, garage entrances and similar areas.

Certain fundamental specifications are to be kept in mind in wiring the hall. There should be at least one convenience outlet for every twelve feet of passage and, in addition, some provision should be made for use of vacuum cleaners, etc. The lower hall should be controlled from at least two points-inside the front door downstairs, and in the upstairs hall. This provides for safety on the stairs, and makes it possible to carry out one of the fundamental lighting laws, namely, that one should be able to make a complete circuit of the house, having a light ahead
and turning it out behind without retrac ing steps or being in the dark at any time. For the convenience of guests who may not be familiar with the location of switches, one should be placed at the doorway leading from each bedroom into the upper hall.

Special care should be given to both utilitarian and restful lighting in the living room. There should be ceiling fixtures and, if the room is very large, wall brackets. Two wiring devices are now on the market which provide quick and practical methods of installing wall or ceiling lighting fixtures. These are attached simply by plugging in, and may be taken down for cleaning or redecorating.

Aerial, ground and power connections are provided in a new radio outlet, and a recently developed automatic radiotelephone switch shuts off the radio loud speaker when the telephone receiver is lifted. The set plays again as soon as the receiver is replaced. This switch is made

$\mathrm{T}_{\mathrm{HE}}$ machine shown above toasts two slices of bread evenly on both sides, then pops them up and turns itself off. Chromium-plated. Insulated handles. Waters-Genter. From N. Y. Edison Co.


Weatheriroop outlet for outdoors. Arrow-Hart \& Hegemann. Four outlet table unit. Beaver. Timing switch automatically turns appliances on and off. M. H. Rhodes. Lewis \& Conger
to be used with all types of telephones. The living room, as well as every other room in the house, should have a special outlet for an electric clock. A plate with recessed electric clock hanger outlet eliminates unsightly cord connections running from clock to the nearest outlet.

Cove lighting is one of the newer developments in dining room lightingsupplying illumination from recesses around the room. Convenience outlets for appliances in this room may be installed in the floor or wall adjacent to the hostess' chair. A compact arrangement, consisting of three or four outlets grouped in a single unit, simplifies the use of table appliances. This device fastens to the underside of a table or to a wall surface, or may be used portably on a table. A new portable outlet with under-rug wire makes it possible to use an outlet at the farther side of a room without running unsightly wire across the floor.

The breakfast room should have a switch-controlled central light, and a double outlet above the table for the use of appliances. It has been suggested that the convenience outlets be controlled by a three-way switch from the master bedroom, making it possible to start such appliances as the percolator before going downstairs. A portable and inexpensive time switch which may be attached to any appliance will automatically have any dish cooked and ready when wanted.
One large unit for general lighting, located in the center of the kitchen will offer good working light, free from shadows, for 15 square feet. Drop cords or brackets over sink, range and kitchen cabinet should (Continued on page 58)

$A_{\text {a electrical bacon and egg frier is }}$ c latest table cooker to make its appearance. It turns out square eggs and bacon that is crisp and savory. Electrahot Mfg. Co. Bloomingdale's

$\mathrm{T}_{\text {HIS }}$ little $151 / 2$ pound sewing machine is really portable and can be used even on the lightest bridge table. It travels in a good-looking case. General Electric. N. Y. Edison Co.


Both the dust and the noise of the strect are filtered from the air by this Maxim-Campbell ventilating appliance designed to be installed on city window sills. Campbell Metal Window Corp.

$\mathrm{T}_{\text {HE e electric percolator above, one of }}$ the new designs of Landers, Frary \& Clark, is especially appropriate for Early American settings. Chromiumplated. Makes seven cups. Edison


The slanting handle with sponge-rubber grip of this Westinghouse iron is easy on wrist and hand. Adjustable heat. Edison. Kinkless wire with switch at iron. Hammacher-Schlemmer


Electric fans perform a double service aided by this machine. The fabric-covered wheel, saturated in water, revolves in the fan's breeze, water evaporating and coo'ing the air. Lewis \& Conger

$\mathbf{T}_{\text {Hose }}$ gourmets who will drink mothing but the very freshest coffee will appreciate this electric mill in which each cup may be ground just before it is made. From Iewis \& Conge:


A complete view of the front face of the Smithers' residence is shown opposite. On both floors, space to the left of the central wing has been given over to service. The residence has been designed especially to meet the needs of its owner, a moderate number of guests and four servants

Outcroppings of rock which give picturesque value to the rear, blend in with the deep red tone of the roofs. As the site slopes sharply to the rear it was necessary to build up the paved terraces so that they would be even with the first floor level; stone steps at either end lead down
S. H. Gottseho

IN general design and details the Greenwich, Connecticut home of Mrs. F. S. Smithers follows the informal mode of the English country houses. Walls are of whitewashed brick aided here and there by stucco and half-timbering. Edward C. Dean, architect. Mrs. Charles Fitter, landscape architect

A bove is the principal en- $^{\text {a }}$ trance, opening through a small vestibule to a centrally located stairhall. Beyond, to the right are living room and, four steps down, sun room. The dining room is in the wing at the left in the lower photograph on the opposite page. The stone-walled dining terrace is also shown

A Connecticut country house reflects the character of its English ancestry



Paint your own habitat in petit point to adorn a favorite room


A mong the more tranquil virtues of a new domesticity daily gaining ground is the art of needlework for decoration. Petit point has come back with a bang, and in addition to covering chairs and pillows in this exquisite fashion, you can now perpetuate your house and garden in strands of gaily colored wool. The ghost of the humble sampler walks in this revival of an old art. But today it is a representation of your own particular corner of the world which serves as gay adornment for your favorite room Designs on these pages are b Inn F. Hobdy who will transfer a photograph of your house, or map, to canvas in a decorative composition, tint it, and supply the wools specially dyed for you to make a charming color harmony

At the top of the page is a needlepoint view of Mrs. F. A. Johnston's house on Staten Islan:1 overlooking New York harbor This type of design shows the house, its surroundings and some of the pursuits of the family. Water is blue, the land terra cotta, with details in various bright shades Mrs. George Amory's French house at Tuxedo, her wire-haired terrier and her goldfish pool are painted in petit point in this modern version of the cross-stitch sampler. (Right) A map of Newport made for Mrs. E. W. Innis, Providence. R. I. The Swiss village is the estate of Arthur Curtis James



## Some rich relations and country cousins

$\mathrm{L}_{\text {IKE many }}$ another truth brought out in jest, much lies behind that widelycirculated quip of Mark Twain's about the Cauliflower being only a Cabbage with a college education. Just as a study of our own social structure reveals many strange relationships, so it is in the plant world. The Cauliflower is not the only other member of the Cabbage family. Blood sister to these is the pretty Stock, better known as Gillyflower, although this more homely name is frowned upon since its quite recent adoption into the uppermost level of plant society.

Even that vastly successful social climber, the proud and stately Dahlia, has her roots deep in yesterday's kitchen-garden. For her red-headed immigrant grandmother came to this country as a working girl who peddled nourishing tubers from door to door. And very well she did her work until her great beauty finally brought her above her humble circumstances, as has happened with many a human belle, both before and since.

How funny we have been about Miss Dahlia. Through her childhood we carefully watched her vitamins and coaxed her to eat her spinach, that she might develop to Junoesque proportions; and when she realized our ambitions, how proud we were-lavishing silks and satins upon her, giving parties in her honor and pressagenting her to the very limits of good breeding. After all of that, now we are begging her little sisters to remain simple country girls, and to diet for loveliest complexions and slender figures. For proof, go to any Dahlia show and surely you will see a bevy of Pompons carry away the grand prize.

At the very same time, the Chrysanthemums are going through the very same thing.

In another social stratum, consider the toothsome Sweet Potato and the Yam. They are only Morning-glories that grew impatient of a life of merely being pretty and set to work to find themselves a job. They, too, made good among the workers of the field.
For that matter, the pretty Alliums that grace the gardens of Spring-both the chaste white Neapolitanum and the jolly, golden Lutea-are nothing more than Garlics, if the scandal be known.
And while one is carrying tales, it might as well be added that the pretty but high-hat Camellias are no more than members of the Tea family, whose beauty has helped them upward. As for the

## Side lights and comment on the headliners

of plant society - By Charles Gibbs Adams

luscious Peach-it is only an Almond that the Chinese discovered, a thousand years or so ago, had a face that was capable of being lifted and plumped and rouged.
The stately Palms and Bananas, which we so frequently hear referred to as trees, are not trees at all; they are simply Lilies that have gone in for bigness and business. The most gigantic of the Bamboos are only Grass that has had the same ambitions. Poinsettias, even, are nothing more than Milkweeds that have gone in for glory.

Once upon a time, one of the Thistles, Artichoke by name, decided to renounce the life of outlawry that long had made pariahs of his clan. When he ceased to be hostile, he made a complete job of it and became actually benevolent. Then he was rewarded, as the virtuous should always be, by being made not only fruitful, but very, very handsome as well. His beauty would be a grace to the most aristocratic ornamental garden, for his lofty blossoms are of most regal purple and his foliage, acanthus-cut, is like a fountain of silvery spray.
Then, there is the Tomato (an immigrant, like the Dahlia), first called Love Apple, that came to this part of the world merely to sit around people's houses, a bit vainly, perhaps, and earn food and drink by letting folks admire her smooth and rosy cheeks. Someone happened to discover what delicious salads and tonic stews she could make, and she, too, earned a firm position in the catering field.
That pretty Tomato, by the way, belongs not only to one of the most beautiful families in the whole plant world, but to one of the most versatile and talented, and useful as well. What other family, I ask you, can display such a parade of beauty, and of utility in food and in medicine, and in mere pleasure-giving as that accomplished Solanum clan? The belles of the tribe, such as Solanum Jasminoides, grace many a flower garden, and the more excquisite and delicate of them, such as the blue Wenlandi and the violet Rantonetti, are a glory in the greenhouses of the East, and the gardens of the South and warm Southwest.

For good measure, besides the now in-
dustrious Tomatoes, there are in the Solanum family the succulent Eggplant and the nutritious Potato, which latter, probably, gives food to more white men than any other plant. One member of the family, Belladonna by name, has gone into medicine; and one, Tobacco, has become a courtesan.

Then there is, of course, the usual black sheep in the background, the Deadly Nightshade; but her name is unfair, for, though she has done people wrong at times, and made them sick with her bad liquor, she has not yet been convicted of murder. Who knows when she might reform and turn her evil ways to good? Has she not the example of the Poison Oak and Poison Ivy, who have these days gone in for research for the good of mankind and become the basis of beneficent medicine?

Even the Cineraria, that aristocratic and gorgeous beauty of the garden, is really first cousin to the common Groundsel and the plebeian Ragwort.

And so they go, up and down, down and up, from society to the working world, and from the working world to society; and who shall say which is up and which is down?
Dispositions improve with the mellowing years. Consider the tranquil and serene Impatiens of today, whom old-fashioned folk called Impatient Lucy in her girlhood. The name of Nasturtium literally means Nose Twister, though she has given up the use of cheap perfume that brought it upon her long ago.
What a wealth of meaning there is in Hower names! The Four O'Clock was called the Wonder Plant till people grew accustomed to the marvel of her daytime insomnia. Pansy was once Pensee, meaning thought. Mignonette means Little Darling. Gaillardia signifies a young devil with the ladies. No wonder those latter two so often gravitate to each other in the garden. Perhaps there is competition to be looked for from Belladonna, for her name means pretty lady

Many of the highbrow names prove to be simply very telling descriptions, if one but stops to analyze them. Nothing could be plainer than Campanula, the little bell, or Platycodon, the wide bell; Digitalis, the thimble; (Continued on page 5t)


Fresh recruits to the kitchen police force

$I_{\mathrm{N}}$ the vegetable reformatory, above, your carrotsand potatoes are grated into any one of four different shapes. Discs for slicing, shredding, mincing and preparing "French-frieds." Vegetable is pushed across grater in metal carrier that protects hand from scratches. Macy's
$\mathbf{B}_{\text {ELow : }}$ : The mascot of the force is a wooden pig that also serves as a bread board. His edges are bright blue. Hang him up by his tail. Pig, bread-knife, Macy's. The freshest sponge cake will break down under the comblike cake-breaker'sthirddegree. Bloomingdale's


THE little tea kettle above is the traffic policeman of the kitchen, with whistle in the spout that blows when the water begins to boil. Of shiny aluminum with rippled sides and smart black handle. Bloomingdale's. The tray is blue with white polka dots. Macy's

$T_{\text {He glass drinking water con- }}$ tainer at right, above, has been assigned to a post in the refrigerator. Sliding lid, stainless steel. Water is released through spigot. Freshness can't escape from coffee imprisoned in the glass cannister with air-tight lid. Hammacher-Schlemmer


A bove: $^{\text {The Anti-Dirt Squad }}$ The dunce cap brush is yellow and white with yellow and black painted handle. Aunt Jemima brush is white with green polka dots, a green hat and bow. Bloomingdale's. The dust cloth is beige with a plaid design in red and green. Macy

Capable deputies for efficient housekeepers

$\mathrm{T}_{\mathrm{HE}}$ lusty fellows above specialize in orange and ice-cube crushing. Pop a whole, uncut orange into the machine at left. Press lid down. Eight teeth slit fruit, keeping pulp and seeds inside as juice flows out. Lewis \& Conger. Ice-cube breaker, right, Hammacher-Schlemmer
$\mathrm{T}_{\mathrm{HE}}$ threc-in-one waxer, below, keeps floors on the smooth and shining path to virtue. Roller and brush work together, attached to metal box containing cakewax. Roller applies wax to floor. Excess wax taken up by brush. Polishing, with felt buffer. Lewis \& Conger


A $_{\text {bove: }}$ Wire egy-separator flour and breadcrumb sifter Macy's. Thermometer to indicate when roast is rare, medium and well-done; circular grapefruit and orange peeler. Lewis \& Conger. Bottle-top remover. Bloomingdale's. Oilcloth shelving. Lewis \& Conger



Herbaceous borders flanking a turf walk toward a lofty Elm are features of Mrs. E. L. Phillips' garden at Plandome, New York. Directly above is a detail of the main garden. Ruth Dean was the landscape architect
$\mathbf{A}_{\text {t the }}$ left is one of the tree shaded pebbled walks which lead directly from the house to the flower garden. This garden is laid out in U-form, with the pool set at the bottom of the curve. Within is a turf panel, smoothly dignified


$\mathrm{T}_{\text {REES }}$ are prominently featured，as they should be on practically every well landscaped property．Indeed， they have been so massed in a com－ paratively short area between the house and the flower garden that they give the illusion of a forest，albeit a small and well ordered one．Thus are mystery and apparent distance added，as well as pleasant variety
$\mathbf{T H E}_{\text {HE }}$ trees which frame the garden form a background mass against which the formal details of blossom and pool stand out in pleasant con－ trast．Particularly noteworthy is the curved design of the pool with its two end pedestals surmounted by urn－shaped fountains．The central panel of turf completes the picture of quiet restraint and sets it all in scale

## \$350 makes

a nursery

A the budget house lacks a guest room, the nursery has been so developed that it can serve for one on occasion. A single bed fitted with a railing that may be dropped to form a decorative frame takes the place of a crib. The color scheme is white and blue with accents of vermillion. A washable terry cloth rug is on the floor

## The budget house is completed

By L. T. Luke Kelly

$\mathrm{O}_{\mathrm{F}}$ all the work upon our budget house, decorating the last two rooms gave us the most fun. This was in great part due to the fact that the end of our job was in sight and we had a background of solid accomplishment. However, I defy anyone not to have a good time planning a nursery Decorating for a child is to become a child again, and for a time forget major cares As the other room, a little book-nook contrived from what had formerly been a sun room, was a luxury we could hardly afford we found the guilty pleasure that goes with doing something you really ought not do
Our nursery, we decided, must be easily convertible into a guest room on occasion, to make up for our lack in this respect. That it must also serve as a daytime playroom made it a triple-purpose room-to be carried out on a $\$ 350$ budget.
We first gave our attention to the walls.

Nursery walls should be colorful and they must also be able to withstand the effects of contact with grimy fingers. The latter problem was solved by a dado of whitegrounded wall paper patterned to simulate Dutch tiles showing amusing pastoral scenes in mauve and lavender. A coat of waterproof finish allows the paper to be frequently wiped off with a damp cloth. Above a brilliant vermillion band an inch-and-a-half wide, we calsomined walls and ceiling bright blue. The window frames are painted white, with muntins and sash in vermillion.
For the windows we made criss-cross curtains of white lawn, very full, with shirred ruffles. Tiebacks are huge bows of bright blue taffeta. Below the window shown in the illustration is a drop-leaf shelf with the top covered in the paper of the dado. When not in use, the shelf drops down to become part of the wall. At each side of the shelf-table is a small rushseated chair in shiny white with a pad of gingham. A very large hassock type cushion

$\$ 300$ for
a book-nook
$\mathbf{F}_{\text {rom }}$ the inside casing of a tobacco jar came inspiration for the cork walls and ceiling here used. The interesting circular bookcase is topped by an indirect lighting fixture that diffuses a soft light over the entire room. Wall trim and other woodwork is tette-de-nègre, the upholstery on seats and couch is a champagne corduroy
is covered in white leatherette and trimmed with a band and bow of vermillion.
For storing clothes and toys, we obtained two low cabinets of identical design and put one at each end of the room. The clothes cabinet is fitted with hangers and trays while the other has sliding shelves that can be adjusted to various levels for the different toys. Both cabinets are finished in shiny white with vermillion borders and knobs. Above each is a round mirror of sapphire blue glass.
We painted the nursery floor bright blue and had a washable rug made in white terry cloth to cover all except the conventional border.
Now all our house is decorated except for a tiny semi-circular sun room that, according to the original plan, was to be left until our finances were materially improved. We had not figured upon the decorating urge, however, which by this time had us firmly in its grasp. Possibilities for this room began to occupy so much of our thoughts that, finally, to put an end to the whole thing, we managed to raise 800 to furnish and decorate it.
We decided to create a combination m-room, study and sun-room-a place
sacred to quiet and leisure moments. Not desiring the conventional library atmosphere, we cast about for some original treatment. The cork casing inside a tobacco jar gave us the idea for walls and ceiling. We investigated the possibility of cork as interior finish and found it to be entirely satisfactory. The cork was obtained in square sheets and laid up in checkerboard fashion. Slight differences in tone between individual sheets gave us a pleasantly variegated effect.

The circular bookcase topped by an indirect lighting fixture evolved from our not wishing to have wall bookshelves, and our desire to utilize, for economy's sake, the only electric outlet the room afforded, which happened to be in the center of the floor. Ample shelf room is provided and its unusual appearance gives novelty to the room. Both bookcase and the iron urn which is the lighting fixture are finished in tête-de-nègre.

Furniture to fit a curved room, of course, is a problem. We decided it would be a waste of time to search for pieces, so we put our heads together and became designers. With the aid of an intelligent cabinet-maker, we created a curved sofa

and two built-in corner seats. The sofa frame is finished in tête-de-nègre and the corduroy upholstery is a soft champagne tone. The slight bit of frame that shows on the seats is in tête-de-nègre, upholstery is also champagne corduroy.

For the windows we decided to reverse the customary system and have window shades that pull up, in the manner of Pullman shades, rather than down. Brackets are spaced at intervals along the sides to hold the shade at various points. Shades themselves are of mummy cloth edged at the top with brown percale. The scalloped valance across both windows is also of the same color percale. Window casements are painted a bright, warm yellow. At either side and between the two windows we set two old-fashioned plant brackets, one above the other, for Ivy and flowers.

For inexpensive (Continued on page 57 )

# The kitchen-garden colors the house 

FLower Gardens, sunlit or rain washed, no longer corner the market as color sources for country rooms. Vegetables, yes, the lowly Turnip as well as the lordly Asparagus, present a basketful of pleasant themes to be used in decoration. Not the rainbow tints of the flower border, but the equally effective fresh, cool tones and vigorous hues of the kitchen-garden. Let us wander through such a vegetablyinspired house.
asparagus forer: Pale green walls, with painted columns of slender Asparagus shoots with closely folded tips. Between the columns are painted feathery waving branches in tones of deeper green. These cover the ceiling as well. The baseboard and floor are earthy brown terrazzo. Curtains are pale butter yellow taffeta, hanging straight and thin. The furniture also is green, the two chairs having seats in green rep with quilted artichoke design. Before the lovely dark green Chippendale mirror stands a vase of Calla Lilies-the aristocrats of the flower garden feeling themselves quite at home with the aristocrat of the vegetable garden.
bEETS, CORN AND SQUASH: Off the foyer is the powder room, with beet red carpet, and walls in a modern green and pink paper, the ceiling being a luscious pink. Every shade of rouge and lipstick can be matched in this tiny room. The simple modern furniture is stained, not painted, a deep beet red, with covering of a leaf stalk green. The dressing table is of light green linen piped in red; lamps and bottles, round and squatty, are of heavy red glass

The men's coat room, opposite, has corn yellow two-toned walls and floor in a rich buttery shade, simple French Provincial table and a pair of chairs with pads of yellow and brown check. The window curtains are of the same brown check with amber edges.
The game room below really is a Squash room, with bright orange walls, dark green woodwork and painted cement floor. The hangings are green and white striped oilcloth. Huge round flat fixtures with green tops and white bottoms, like summer Squash, throw a good light on the game tables below. In each corner are strings of varnished Gourds, reminiscent of past Thanksgiving parties.

COMBINATION SALAD: In the living room lettuce green walls are restful and cool, set off by a deep water-cress green carpet and a figured chintz in radish-red with

## Thirteen original schemes in which vegetables

## show how they'd do it - By Agnes Foster Wright

crisp icy-white flowers and bright carmine leaves. The crystal fixture in several shades of green has a beautifully blanched look. Two Sheraton sofas are upholstered in cucumber green and pure white striped silk, while smaller chairs have a white, cream and green damask of laciniated design. The white china lamps are smooth and round, of French endive design, with white and green shades. Along the window sill are huge bowls of pale green glass holding silver fish.

THE STEW GROUP: Carrots, Turnips and Onions for a dining room with tiled floor in deep purplish turnip red, baseboard a rich green, and the walls a light stained wood with wavy grain like the outer covering of the Onion, and ceiling the warm, bright orange of Carrots. Curtains of theatrical gauze have a checked orange and green wool fringe. The furniture has a coat of onion white paint, heavily varnished, with pewter table decorations, the center one consisting of a huge tureen, porcelain lined, in which is served the stew.

Cabbages, Cauliflower and kale: The master's bedroom has cool cabbage green walls and deep green crinkled taffeta curtains. The chaise longue and fireplace chairs are upholstered in a rich purplered moire. The carpet is a deeper color of purple red. A long dressing table is hung in bluish gray taffeta; the blue-green crystal lights have whitish shades with green wooden fringe, like tiny Brussels sprouts. In front of the fireplace is a fat raisincolored hassock. This room is an alliance between the French white Cabbage and the German red.

In the connecting Bath and Dressing Room, the walls are almost white, a creamy cauliflower white, with a leaf border of wall paper as a frieze. The curtains, shower and window, are of changeable white and cream waterproof taffeta. In one corner of the bathroom is a small toilet room of kale green, with green and white marbleized walls and a green Louis XV chaise percée.

EGGPLANT AND MOTHERS-IN-LAW: The Eggplant colors this room of the Queen mother-in-law-deep, rich satiny purple,
with a glint of gold underneath. Here walls are papered in a broad white and green stripe, with the floor a seed brown Aubusson. The furniture in full bosomy shapes which one connects with Queen Mothers is covered with purplish black satin. Windows are draped rather elaborately with satin of bright green edged in purple bead fringe for contrast. The dowager fixture is very Victorian, of frosted glass.

MISS BEAN AND MISS PEA: Daughters whose bedrooms are connecting have them worked out in these allied staples. Miss Bean, the elder with a mind of her own, has a wall paper of large showy sprays of bright scarlet runner flowers, and a rich lima bean green carpet. Chintz curtains are yellow wax bean color and furniture is rather startling in contrasts-bright red with black bindings, and deep helio-trope-marked with black reminiscent of the Bean seeds.

Miss Pea's bedroom has a more French flavor-all in subtle greens-deep green carpet, with cool gray-green wails; alabaster lamps and crisp green taffeta fringed curtains. In her bath are countless little round green bottles in rows, with white stoppers-all alike as peas. Here the walls are painted white, with a wall paper border of cool green leaves used to form panels. The flooring is dark green linoleum with a design around the edges of white leaves in the same pattern as the wall paper border. Curtains are white Celanese edged with green ball fringe.

YOUNG PEPPERS AND TOMATOES: The boy's room has a shiny red plain painted wall, with bright pepper green furniture. The Venetian blinds are red, too, as, gosh, he doesn't want any flipping curtains!

His younger sister, rather a tom-boy, has a tomato red linen curtain and bedcover with appliquéd vegetables on them of tiny figured ginghams. Her ceiling is yellow with a high glaze and her center fixture is a red tôle lantern shaped like a red tomato. Her walls are warm yellow with orange woodwork and the floor is stained brown, with a pair of red hooked rugs.

Of course the baby's room is spinach green-not broccoli, but spinach, he says, and sticks to it!


THE ornamental Artichoke, Peppers, Endive faintly tipped with yellow, scalloped white Squash and a wreath of brilliant Tomatoes make a cool, gay centerpiece for an outdoor luncheon. Italian pottery, Charles Hall; Mexican glass, La Fiesta; cotton napkins, Macy's; pewter smoking accessories, Altman's. Silver is the Craftsman pattern of Towle


Standard Sanitary Company's Adapto tub, designed for tiled front, can be varied by a fixed center panel of glass or wood with side pancls concealing cupboards
$\mathbf{W}_{\text {HEN }}$ lavatory is in a corner, with mirrored cabinet at one side, a convenient triple dressing mirror can be achieved by hanging a third mirror on the left wall

New ideas for bathroom and kitchea that save space and add to comfort

For a shaving light, remove silver from back of mirror in a circular path. Over this paste bond paper, using water glass as adhesive. Light is evenly diffused through mirror



$\mathrm{T}_{\mathrm{HE}}$ kitchen cabinet above has side doors of wood behind which is stored the usual miscellany; door on middle section is of glass to show off your nice china
$C_{\text {Ut }}$ legs off ordinary table and replace with casters. Remove top, insert wire rack and you have a practical table to wheel dishes from pantry to sink, to cabinet


A smaple wire rack is hung above the drain board of the kitchen sink to give additional space for dishes after washing. When not holding dishes, tray can be used for draining vegetables. All the designs on these pages are by George Sakier


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Of some flower colors one may well weary, but the blues never pall. They rise to splendid heights when the Delphiniums bloom in the garden of Richardson Wright at Silvermine, Connecticut, and the Iris come into flower beside J. B. Wallace's pool in New Haven. Both paintings are by George Stonehill.

The blue begins in the garden when the Scillas and Grape Hyacinths thrust upward in early spring, and follows through with such flowers as Mertensia, Anchusa Opal, Forget-me-not, Polemonium, Iris Blue Flame, Kingfisher Blue, Vallarine, Wedgewood and Sir Michael, perennial Flax and Aquilegia caerulea. Then with summer come the incomparable Delphiniums and Larkspurs, Veronica, Platycodon, Ageratum, Salvia uliginosa and azurea, and Nemesia, leading into the autumn splendor of the Monkshoods and Climax Asters and, if you treat them well, the Delphiniums again.


## Four closets flaunt

 their latest fittings$\mathbf{I}_{\text {F order }}$ is Heaven's first law, orderliness here below is the greatest saver of time and effort. Today it is easily achieved through many ingenious contrivances which conserve precious closet-room and keep one's daily needs within easy reach. Besides being efficient, these new closet things are gay in appearance and moderately priced. Fittings for four closets are illustrated. On this page, practical equipment for a man's clothes and enchanting devices for a child. Opposite, an efficient bar which can be attached to any closet door and gay bath things to keep the good guest contented and beautiful

$\mathbf{T H E}_{\mathrm{HE}}$ maple-finish chest and shoc cabinet above, hat and storage boxes in red and black plaid paper, and black metal hamper with red bands are designed to keep a man's possessions in apple-pic order, Macy's. Metal hat, tic and cane rack, chromium hat stands with black wooden tops and tie rack which lifts up for easier access, from Hammacher Schlemmer. Sturdy black wooden hangers for this masculine scheme from Lewis \& Conger. Clothes, courtesy of B. Altman \& Company

Charmingly decorated with gay $^{\text {matan }}$ posies is this white painted cupboard for tiny frocks and shoes. Peasants in bright colors stand sturdily to hold bonnets, accompanied by equally festive hangers ending in horses' heads. This engaging equipment, the clothes rack topped by a yellow rooster, maple chair and blue metal hamper from Childhood. Pink or blue clothes and hat boxes decorated with wooden soldier or Jack and Jill designs, Best. Clothes, courtesy of Best

$\boldsymbol{F}_{\text {IRST }}$ prize in space savers to this bar on a closet door, arranged to hold necessary gadgets besides precious stock. Closed, $41 / 2$ inches deep. Closidor and equipment, Hammacher, Schlemmer. Towels and checked napkins sporting the name of a favorite cocktail, Mosse

For the bath: atomizer, Caron bain de Champagne, Guerlain soap, dusting powder, Saks-Fifth Avenue. Mug. toothbrush and washcloth, tôle basket, roll of puffs, Lewis \& Conger ; sponge pillow, star bowl, bottles. Hammacher, Schlemmer; Martex striped cloths, Altman; Cannon towel, shelving, Macy

## Concerning gardens of illusion in Japan

Close by a crowded quarter in the great city of Tokyo, a stone's throw from a thriving commercial center, we motored into a narrow lane-street flanked on both sides with deep ditches and high solid board fences and stopped before a quaintly roofed entrance gate. The guide leaped out and disappeared through a sliding panel in the wall. A minute later the gates swung open and the keeper of the gate, clad in a bowl-shaped straw helmet, a blue haori coat ornamented with the ideograph of his master's arms, skintight breeches and wooden getas, bowed low three times as we entered. The gates closed silently behind us; the raucous noises of the city streets and the temple yards faded away. We were graciously enfolded in the extended approach to the more exquisite refinements of the Japanese garden.
A driveway, artfully shaded so as to permit the sun to sift through its arched roof and describe mottled golden patterns on the crushed stone floor, was cunningly made to appear longer than it really is by many sinuous curves. Advantage was taken of every turn in the drive to reveal a new and arresting vista-arresting because of its fine simplicity and close relationship with Nature itself.

At length we came to Baron Dan's house -rather, I should say, houses, for it is a native villa rambling through many sections, gables rising with the same esthetic curves as the Pines, the rooftrees carved, roofed balconies running entirely around


IN A TEMPLE GARDEN OF KYOTO

## Even within their great cities the Japanese find

the spirit of Nature - By Henry A. Phillips

the first floor shading sliding white paper doors and windows, the unpainted wood blending charmingly and tastefully with the well-groomed Nature surrounding it on every side. Save for occasional leaning Pines and a few indigenous shrubs that gave it a Japanese overtone, the feeling of the foliage in front of the house was French, the line of tall evergreens being clipped to make a tall formal wall with rounded bastions. In this setting we were met by Baroness Dan and the head gardener, smiling and bowing low in the direction of the garden gate (omote-mon) that stood opened wide in welcome.

It is inevitable that the Japanese garden should present a formal aspect upon first entering, for there is a fabric of formality that clothes all Japanese life and phenomena and behind which they hide their true selves from the stranger. Their approach is indirect, while ours pretends to be direct. They revel in signs and portents, ceremonies and symbols-which is after all the height of culture. I do not think there is any other form or phase of expression that so effectually and charmingly reveals so many of the by-ways of Japanese character and philosophy and their pictorial manner of living them, as the Japanese garden.

And so on this sunny May morning we entered one of the loveliest of Japanese gardens. We scarcely gave another glance at the house that seemed in Japanese fashion politely to withdraw itself into a huddled mass of gables peering out from its seclusion behind the scattered Pines with becoming dignity.

The Baroness invited us to pause at the Waiting Pavilion (Machi-ai) a sort of garden dais rather than a mere seat, with its tall back pierced by a pretty window, a slanting roof offering gracious shade. For it is a pretty custom of the Japanese to offer their guests the luxury of a "quiet moment" during which one composes one's thoughts, slowly acquiring a new and keener vision, both optical and spiritual.

While the Japanese gardens take on many forms with appropriate names, yet I think they all hold one great virtue in
common that is both original and worthy of consideration and emulation by all students of garden culture. The Japanese gardener is not content with simply transplanting a shrub, a tree or a flower, singly or in clumps. He is concerned rather with a feat of nothing less than re-creation of Nature. His task is to reproduce a segment of Nature, or a complete section of landscape so cleverly in miniature as to give one the impression of gazing upon or traversing one of the earth's most celebrated beauty spots. So we enter a Japanese garden like a giant into Lilliput and see outspread before us a completed picture of Nature.

As I sat there in Baron Dan's garden, I thus became aware of the miracle of Japanese gardens and gardening. It is their property of illusion that we might emulate. No attempt is made to ensnare a vagrant emotion, but rather a mighty and laudable effort is launched to capture and sweep the imagination. Thus a small area of a few acres or less is made to appear like a vast park by a meticulous attention to detail. A feeling of great depth and legitimate background has been engendered by a careful supervision of foliage screens in the low spots and the dominating management of the higher ground (a rolling plot is essential to obtain the effects under discussion) so as always to command a relative but quite important place in the perspective scheme.

In essence, then, I found myself looking down upon an extended landscape as though from upon a fairish height (either from my seat in the Waiting Pavilion or from any one of the many windows of the house). Before me lay mountains and rivers, forests and lakes, brooks and cascades, while the foreground evinced Nature fashioned to the uses and culture of man: drum bridges, a tea pavilion over the water, a shrine, stone lanterns, a sampan, an arbor of dripping Wisteria.

I was grateful to Baroness Dan when she told me that I might stroll at will and alone throughout the breadth and depth of the garden, begging me to stop a moment for tea before saying my adieus. Once again she bowed (Continued on page 58)



Whitewashed stone and stucco for
a dwelling in the Norman manner


## What's new in building and equipment

New Building Methods. Houses with round tops; dwellings enclosed with exterior walls of sheet steel finished in brilliantly colored enamel, or with translucent glass, utilizing a light-weight steel framework for strength;-all these seem to be just over the horizon. House building methods as well as materials are undergoing changes in the striving toward better construction and lower prices. An increasing proportion of the work is being performed in mill or shop, thereby shortening from months to weeks the period required for the erection of even the palatial mansion.
These new houses, in profile, in mass and in color, will probably give us a different conception of what is good looking in residential design. They will not be a mere copy in steel of forms we are accustomed to see in wood or masonry. There will be no attempted camouflage of materials to make a new product appear like something else; rather, entirely new effects will be created.
One instance of the new spirit is evidenced by the design of houses with round tops, developed by H. E. Harvey and said to produce unusual economies in the cost of material and labor. Stock materials available in every locality are assembled in large units in the lumber yard or mill to speed erection time at the building. Still another new development is found in a steel framing system developed by Harry L. Dovell, characterized by outer walls that enclose the building only, depending upon a framework of light steel members to support all floors and roofs. Wall openings of large dimension may be introduced and materials may be utilized for the walls which have never heretofore been deemed available. Floors are of light-weight reinforced concrete over which any finished flooring may be laid.
There are some 56 of these steel framing systems based upon somewhat the same principles. One of the most interesting, developed by the Ferro Enamel Corporation, has been adopted for a house now being built in Cleveland. The exterior wall consists of an assembly of steel sheets, to the outer surface of which colorful, porcelain enamel has been fused.

The walls are fireproof, and will not shrink or warp, while the cost to keep them in first-class shape is practically nothing. Only the matt glaze of the enamel, available in a wide range of colors, is exposed to the weather after the house is completed. Exterior walls in rich, warm buff limestone coloring, with a silver green band under
eaves and at second floor window sill

# These recent developments will interest home 

owners and builders - By Gayne T. K. Norton

height to provide contrast, is one suggestion of the manufacturer.

The porcelain enamel steel sheets are made as large as possible for easy handling in setting. The largest size is about 30 inches square, backed up with insulation board to make a total thickness of onehalf inch. A drastically different conception of scale in small structures is introduced by the large area of these sheets, with vertical joints emphasized by batten strips which effectively seal them against infiltration of the weather.

Sash Holder. A combination sash holder and weather-strip recently announced is said to render double-hung windows thus equipped weathertight and easy of operation. Need for counter-weights and boxes is eliminated, while drafts are shut out and sticking or rattling of the sash is rendered impossible.
A beveled brass strip, driven into the edge of each sash, slides up and down in a metal track fastened to the frame. Tension screws, adjusted when installed to the weight of the sash, allow for maximum swelling or shrinking of the wood, so that, regardless of weather conditions, automatic adjustment is constant.

Absence of weight boxes makes possible narrow window casings, together with an increased amount of glass area if desirable. The equipment is recommended for old buildings where present sash may be rehung to afford better weather protection and simplify operation. Rite-Hete Mfg. Corp. are the makers.

Electric Load Center. No inconvenience is occasioned by a blown-out fuse in the electric circuit protected by a new type load center which shuts off the current in the event of over-load without recourse to fuses. Enclosed in a compact, sheet steel box, built into a plaster wall in some convenient part of the house, this equipment affords reliable protection against fire, and relieves the housewife of the nuisance of hunting up and inserting a spare fuse in order to restore service.

All electric outlets are locally controlled, as at present, but when an overload occurs, the current is automatically disconnected at the load center. Switches, one for each circuit in the house, are arranged side by
side in the steel box, with attractive cover plate through which the handles protrude. All that need be done to restore service after correction of the cause of the trouble, is to go to the box and throw on the proper switch. Position of the handles indicates without possibility of question which circuit is open. Operation is as safe and easy as snapping a light switch. All parts are guarded against manipulation. The equipment is made by the Westinghouse Electric \& Manufacturing Co.

Hose Reel. A reel upon which the garden hose will automatically wind itself when a spring is released has recently been announced. Intended for permanent installation just below the basement ceiling, the equipment will hold a hundred foot length of hose, which is kept permanently connected to the house water supply system. The instant availability of hose and water gives fire protection on the exterior. A neat metal plate, taking the place of the outside faucet, is all that is visible when hose is not in use.

After the reel has been unlocked, which may be accomplished from the outside by a key wrench, a gentle pull will extend the hose to any desired length. A ratchet device keeps the reel fast at the point desired. Water is turned on and off by the key, which also releases the spring by which the hose is automatically returned to the reel. The hose is protected from rough usage, kinking, rotting, freezing, and all other hazards that cause it to wear out quickly. It cannot be tampered with or stolen, we are advised by the manufacturers, the Little Giant Mfg. Co.

Beverage Refrigerator. Encased in porcelain enameled steel, with sides and top of jet black, a new electric refrigerator is now available which is particularly adapted to the chilling of beverages. The unit has a large ice-making capacity with six trays for the freezing of cubes, while shelving is so arranged that storage of tall receptacles is facilitated.

The black porcelain top is said to be unaffected by the contents of any bottles that may be set upon it or come in contact with it. Mounted upon large, rubber-tired casters or wheels, the unit may be readily moved about a (Continued on page 54)


MRS. FRANCIS KING


MRS. WALTER R. HINE

mRS. ROBERT COONEY


MRS. R. R. GUNNISON

## They name their favorite summer bouquets

## Nine selections of flower combinations

## are chosen by leaders of garden clubs

By rights, there should be twenty or more faces on this page. But the Garden Club ladies proved temperamental. What -name their favorite summer combinations of flowers in mid-June? As soon name one's favorite chord in music, writes one from New England. Mrs. Walter Brewster of Lake Forest, Illinois, famous for her garden activities, explains, "My favorite combination depends on me and the summer and the bouquet. There's nothing static enough in my makeup to answer that question."
Fortunately, there were quite a number who, in the course of making bouquets for their homes and judging them at flower shows, took notes of the combinations. Here they are-and here's what they say about their favorites:
mrs. francis king, Honorary President of the Woman's National Farm and Garden Association, member of numerous horticultural organizations, author of several widely read books and many magazine articles on gardening, and honored highpriestess of the Garden Club Movement in America:
"One of the nicest effects I remember for summer is of a flame-colored Gladiolus with the dark leaves of Copper Beech or of such a tree as Prunus pissardi. I also like in summer, especially for hot weather, the long branches of young Maple leaves cut from the roadside, with that delightful small Sunflower known as Primrose Stella. This is an uncommonly long-stemmed flower of pale yellow, very good in combination with the Maple foliage."


MRS. E. A. S. PECKHAM
mrs. Walter r. Hine, member of the Short Hills (N. J.) Garden Club and the N. Y. Horticultural Society, authority on flower arrangements, lecturer and author of a garden book soon to appear:
"Delphiniums, in pale and dark blues, with perennial Foxgloves, Digitalis ambigua, and an accent of peach-leaved Bellflowers in pale porcelain blue or the deeper Telham Beauty. These to be arranged in creamy, deep blue or black pottery.
"Plume cockscomb (Celosia plumosa) in deep wine reds with a big splash of Cynoglossum in sapphire blue low in the arrangement, in heavy sapphire blue glass."
mrs. robert cooney, President of the Peach Tree Garden Club of Atlanta, Georgia, flower expert and a leader in Southern garden circles:
"My favorite flower combinations for summer bouquets are very simple ones, made favorites by the material I have in my garden that looks best in my house. I use Cornflowers, purple Larkspur and Coreopsis, because they look well against the blue wall of my living room. I can have quantities all season and some of my favorite combinations are not available, in spite of space and labor.
"All varieties of Lilies combine well with Larkspur, and I can have them easily. In the hall of my home, I like particularly to arrange Hemerocallis with Gaillardia in copper bowls."

MRS. R. R. GUNNISON, member of the Scarsdale (N. Y.) Garden Club, of the New York Horticultural Society, and an expert on table (Continued on page 58)


MRS. WILLIAM H. CARY


$\mathbf{T H E}_{\text {He }}$ home of William Emery, Jr., in Shaker Heights, Ohio, follows the lines of Colonial architecture as it was transported from the Eastern states by the early settlers of the Western Reserve. Stone, brick and shingles give variety to the walls

A featcre is made of the porches. One with arched top forms an outdoor gallery connecting two parts of the house, much as the covered way of the same design was used by the old New England farmhouses. Charles Bacon Rowley was the architect

Porches lend a comfortable feature
to this house in a Cleveland suburb


## PARIAN STATUES TO GRACE VICTORIAN ROOMS

## Semi-precious sculpture

 reveals a romantic pastBy Jeannette Lowe


Becalse the composition of the biscuit in these statues resembled the white marble quarried atthe Greck island of Paros, the ware was named Parian. It was a favorite medium with Copeland and other manufacturers in England and with our Bennington potters

No more captivating foibles of the Victorian Age exist than the delicate white figurines known as Parian marbles. As an expression of an era whose taste has been regarded until recently with amused toleration, if not out-and-out contempt, they recommend themselves for their delicacy, animation and romantic grace. We are so apt to think of a china figure as a gaily colored object that the special claims of pure white porcelain are liable to be overlooked. They have, however, a charm all their own and one which is compelling when they appear in the right setting.
The name "Parian ware" was first applied in England, in 1842, to a hard white biscuit composition which was found to be excellently adapted for the reproduction of large sculpture on a small scale. It was called Parian because of its resemblance to the white marble quarried at Paros, from which the finest Greek sculpture was made. With only the faintest suggestion of glaze, it has a granular marble-like texture capable of very sharp and delicate detail and fine modeling.

Working in such material demands all the subtleties of which potters are capable; and the best Parian ware produced in Staffordshire by Copeland, Minton and several other manufacturers, rivals the
finest 18th Century Sèvres and Dresden figures. Parian ware, harder and colder in appearance than the English, was made in France and Germany, while here in America the Bennington potteries in Vermont turned out excellent work from about the middle of the 19th Century. The latter did not, even at its best, however, achieve the distinction of the English Parian.
Horace Greeley speaks of having lingered long with pleasure over the collection of English Parian at the Crystal Palace Exhibition in New York, in 1853. In writing of it later, he says: "The introduction of this matter will effect for statuary what electrotyping accomplishes in harder metals-the reproduction of the finest in art and the multiplication to any number of objects and so the elevation of public taste in articles of fancy". Parian ware continued to be in vogue here until the 70 's, but it suffered such a decline in quality during that fearful era that much atrocious work was perpetrated.

Perhaps its very whiteness necessitated the excellence of modeling which marks the best Parian ware. To produce a figure that is to be uncolored demands more skill than one in which errors in modeling may be covered up by pigment later. Certainly, working in this material, which has been called the best substitute for marble,
places the potter not far below the sculptor. In fact, someone has given to these figures the happy epithet "semi-precious sculpture".

Beside figurines of Classic inspiration, animals were sometimes modeled, and occasionally humorous subjects appear in the groups. Not only decorative objects were fashioned, but such household utensils as pitchers, jugs and candlesticks. These, however, are much less successful than the vases, urns and small decorative boxes which, pale and opaque, belong on the shiny, dark surfaces of the ubiquitous small tables or hanging shelves now coming back into favor. Sometimes metal was combined with Parian ware to make clocks. One fascinating small object, designed for a dressing table, was a ring holder in the Directoire manner, embellished with gold.
That no inconsiderable skill is necessary in the fabrication of Parian figures may be seen when it is understood that figures are cast in several parts and joined later. Figures are never made on a potter's wheel. Horace Greeley speaks of the importance of the potter's knowing the anatomy of the human figure and Dickens has left a description of his visit to the Copeland factory to see the manufacture of Parian sculp- (Continued on page 60)

$\mathrm{T}_{\text {HE }}$ Parian clay lent itself to fine modeling and delicate detail such as this miniature statuary required, and the whiteness of the finished product appealed to the virginal Victorian heart. Classical figures, animals, and household articles all were made in Parian. The ware is cast in moulds and slightly glazed
$\mathrm{S}_{\text {INCe }}$ the return to favor of Victorian decoration, Parian figures have again become an object of collectors' solicitude. Set against the dark tones of Victorian walls, they display their fragile beauty to advantage. The examples illustrated are from the collection of J. Byrne Dougherty and Howard McAllister

## Community markets for mutual profit

Open markets! Why do they not exist in every town the length and breadth of the country? Why has not every village, large and small, got one? We who are so progressive, so organized, so demanding of the best, withal so public-spirited, why have we not turned our attention to the small farmers of the East and studied how to help them? Abroad, the farmer is comparatively well-to-do. In America his is the most ill-paid of all trades, and his work is by far the hardest. Much of his trouble is due to the fact that he is an ssolated individual knowing little of trade, and with few contacts in the world beyond his fences.

While the western farmer has his good years, the eastern farmer rarely sees much money pass through his hands, unless he is lucky enough to have a farm on a highway where the passing motorist may patronize him. Even those of us who live in a country town or village are quite content to let our cooks order from the shops produce coming from distant city markets, when we might buy it fresh and, of course, far cheaper if only there were a way of
patronizing the garden, farm and dairy nearby through a central market.
Since an open market is of proved benefit both to producer and consumer, why has not every town already got one? One reason is because of the local Chambers of Commerce, which are made up principally of shopkeepers. Business is organized in this country; the farmer is not. Therefore, it is politically unsound for the officials of a town to start a retail market for the farmer. But markets can be started by private individuals and will be welcomed by these same officials, as they realize that the large sums of money which now go to distant city dealers will in this way stay within a close radius and sooner or later be spent in their town. The greengrocer will be hurt to a certain extent, but the shops in general must profit from bringing the farmer into town and giving him a little surplus to spend.

This experiment of an open market was made in Bennington, Vermont, last summer. A public-spirited citizen generously loaned a fine piece of land, near the center of the town; the farm bureau coöp-

## By the Countess of Gosford

erated by sending out notices to the farmers of the neighborhood and calling individually on many of the larger and more important ones. The Bennington newspaper spread the glad tidings of cheaper and fresher produce to every home in the district. All this promotion effort involved but little work; only the right spirit was needed. The market was purposely started quite late in the season so that the farmer would have only his surplus produce to bring. This insured against the possible disappointment of too few customers, or too much of the wrong thing.

Of course it had to rain on the opening day, and but nine brave ploneer farmers came, and comparatively few buyers, yet by noon everything was sold and everyone was happy. Farmer and buyer went home and told their friends, with the result that the following Saturday we had doubled in numbers, and each subsequent week business steadily increased.

Now a covered market is contemplated for the winter months, and instead of one market-day a week, two are planned. By then, the experiment will have made enough friends to warrant extra crops being raised and home-dressed meat will be added to the list of fruit, vegetables, flowers, butter, eggs, cheese and poultry previously sold. In fact there were even hooked rugs and hand-woven baskets, all sorts of preserves and spices and cakes on sale at the first Bennington market.

THIs well-designed and practical roadside market to serve a neighborhood or a small village can be erected at from $\$ 4,000$ to $\$ 5,500$. It is built upon a three-foot foundation and contains place behind a counter for four trucks. At the right of the market space is a small shop, to the left is a rest room. No heating plant is provided; a fireplace serves the rest room. Chester B. Price was the architect. The American-born Countess of Gosford, advocate of open markets in the article above, makes her home at Shaftsbury, Vermont, where she is in close touch with the typical New England farmer


## The Gardener's Calendar for August

This Calendar of the gardener's labors is planned as a reminder for taking up all his tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1. Strong young plants set out now in will bear next season. To secure the maxi mon, divide your order equaly between early. varietest get both sure sind staminate to assure frutt. ${ }^{\text {and }}$ plants | 2. Taller growing Gladioii should be taked to protect them For irom indikaze buals and $\underset{\substack{\text { small } \\ \text { stakes } \\ \text { clumps } \\ \text { will }}}{ } \begin{aligned} & \text { single } \\ & \text { sufflece. }\end{aligned}$ For rows. bese lines of twine on both sides of between stakes set ten feet or so anart, forming an alley. | 3. Uncultivated intend to plant next year ought to be plow ed or sped.raked plantedand with some green covercrop like Canada Peas or Veteh. This covercrop. in turn. 18 so <br> turned under in the fall and left to rot ing the winter. | 4. The tops of the plants should be left standing until after the seds ripen, to kive the roots an op- <br>  growing enerky next spring's scrop. it Asparakus beetres hil of lead, for the foliage must be sared. | 5. Lilles like to fairly cool, especially during the tot weath some sort shades them and produces this re- sult, mulch the ground over and around the roots with grass elipDings or some kind of free from weed and grass seeds. | 6. Narce ssusplant. berome crowded which the soil dug up now and the tory to replanting the usual store the bulb for this period in kets in a cool, dark but fairly dry and airy place. |
| 7. Early Celery blanching will do better when boaris or used for this purpose than if it is banket with earth in the or dinary manner. The earth is that it has a tendency to create un- desirable heat inside the mound. | 8. Every weed that spreads its seed means next year. Get weeds out of the ground be- fore they mature, and ore they mature, and be sure to remove all of the roots. Surface cultivation two or three days after a rain or watering will kill innumerabie seedling | 9. Top-dressing of bone meal worked in with a claw around the ulate them and result in finer flowers dur ing season. There need be no fear or the bonemealburningtheplants ${ }^{\text {rovets, }} \begin{array}{l}\text { as some } \\ \text { other } \\ \text { tertilizers } \\ \text { may }\end{array}$ possibly do. | 10. The compost den asset to which ad ditions may be made Grauss clipp ings, sod. regetable tops, leaves all these materials should go into it. It an occasional pailful of reftuse from the kit- chen. corering it to avoid odors. | 11. Arsenate of lead remedy for all sorts <br>  son whinch must bee frakments. so is no cure for aphis. For these latter, nirotine or some kind of spray which delicate injures exteriors must be used. | 12. Discarded matand table will. if dug into the vegetable make good plant food not to mix coftee grounds or grease with it. Thls kitchen refuse it. This kitchen refluse several inches of soil. to hasten decomposition. | 13. For the finest budding stould be con. the season. It result in larger $\qquad$ tion of the plant: ergy on a smaller speaking, the two buds in every group of three are the ons. if be removed. |
| 14. Do not cut down the Peonies; its pres. ence is necessary the the welfare of the roots. The reaves whth but should be left unfrost. It is a kood idea to top-dress with bone meal. to assist the $\underset{\substack{\text { ronets } \\ \text { energy. }}}{\text { in storing up }}$ | 15. From now untll is a good time to plant It is essential. howan abundant supply of water uninterruptedly until freezing weather. Cnder no cir- cumstances should the roots be exposed to sun and wind. even for a few minutes. | 16. Muskmelons to ripen evenly and ing a bit of board or an inverted flower pot as to get it off the ground and permit In working among the o step on or otherwise injure the stems. | 17. At this time of to plants are not invery large pale green caterpiliars that easIy. Hand-picking is remedy, although squeamish people may prefer the use of a ten-foot pole where- with to beasts. | 18. When sprinkdo the job thoroughly several inches deep. This prineiple, $\left.\begin{array}{c}\text { in- } \\ \text { deed. is one which }\end{array}\right)$ should be applied to all watering. A mere surface sprink ling does more harm than goodd: low r rooting, easily in jured. jured. | 19. Privet and othare cer er hed. as well as evergreens that are trimmed for height or shape, may be pruned now while they are now whate comply dor mant. Properly man- <br> mant. aged. aresult this shearing s. growth and absence of unsightly of gaps or | 20. Keep the bird perlally if a comes. The content vaporate rapidiy in nothing of what the ter about. It is great conveniem water piped direet supply. |
| 21. Ornamental well as herbiceous: it is well soaked sev ing. reset guickily and firmly, and thorouph sible, ot ls a kood dide to provide shate an teve thrys, in very hot weather. | 22. Apiped irrigaelther overhead or un derground at tith outlets at nterral the best karden investiments seveul can make. sercal good ones are abtannable. designed for differenit sizes area. The shapes of the $\underset{\substack{\text { wort th } \\ \text { right now. }}}{\text { in }}$ | 23. Strawflowers winter bouquets ought to be cut before the blossoms are fully open. Dry them in the shade, hanging head downward in small, loose, uncrowded bunches. In hand ling, careful not not to coecially crack the stems near the blossoms. blossoms. | 24. Cuttings of raplants can be started in a shaded coldrrame with sash as mold Weather comes. in most eases use ripe new wood, with most of the fillage rembina- ed. Various combina tions of sand. sand peatmoss are used. | 25. It is well to go coldframe sashes and greenhouse glazing replacing broken glass puttying and repaintished ahead of time. Equipment which i taken care of in this way every year will last much longer and actually produce better results. | 26. Thorough cultisurface soil atter every rain or watering will prevent caking and do murh 10 conserve the moisture where it is needed in the region of the roots. Furthermore, such cultivation will destroy the young weeds before they get a start and begin to do damage. | 27. Deciduous trees moderate pruning may easier to gauge such is on than atter it ork has fallen in the avtumn. Large limbs, of course. shoutd not be removed until the sain branches in the swtumn. |
| 28. The wise garbulbs fonforlil lowating orders them arly, The stork of some species and varietles 1 s lim and yurfetes is in- ited and onty the ear ty comers can get <br>  for bulbs as well as other items on which $\underset{ }{\text { general prices lowered. }}$ | 29. From now un <br> part of September lis a good time to divide <br> and reptant Irts. Do not put the German not <br>  <br>  <br> while the Beardiless | 30. The Onlon crop ready now for harrest- ing. Ater puling si- low the butbs to cure in the sun for several days before cutting ${ }^{\text {ing }}$ them in a dry celthem away bil the sure tound and tree from sound | 31. | - New M <br> 2 First Qu Full Mo <br> $\mathbb{C}$ Last Qu | 2nd day, 4 h. 42 er, 9 th day, 2 h .4 <br> 16th day, 2 h. 42 <br> r, 24th day, 2 h . | morning, E. morning, W morning, W. morning, E. |

## Old Doc Lemmon comments on raindrops great and small

"To some city folks, I s'pose, rain's just rainsomethin' thet ain't got no more character than plain, or nary water in a wash-basin. They just $h$ 'ist an ombrelly or stay to home.
"Wal, thet's one way o' lookin' at it, mebbe, but it don't go out here with us country people. To us rain is a mighty important thing, one way or t'other, an we watch it so sharp thet after whiles we git to know the hull fambly o' raindrops the same as we do our flocks o' chickens or the cows out in the pasture lots. Yep, an' we l'arn thet there's purty nigh as many diff'rences into 'em as there is amongst the livin' legged critters, too
"Fust-off, 'specially at this time $o$ ' year, there's them scatterin' splashes, 'most as big as dimes, thet come ploppin' into the dusty road just afore a whackin' old thunderstorm busts loose. Kind o' like scouts, they be, scootin'
acrose the country to warn folls to take to cover afore the flood ketches 'em. They pass by, an fer a minute ev'rythin's still. Then the hull force $o$ ' the storm comes drivin' on an' ye can't scurcely see the front gate, whut with the dark ness an' the wind an' the gray walls o' rain.
"Yep, them's one kind o' drops, an' another is the sort thet all of a sudden comes spillin', straight as a plumb-line, out'n one o' them steamy, gloomy summer skies thet seem to shut down over the hull world. All mornin', mebbe, it's been dark an' foggy, but without no rain at all. Ye've just 'bout made up yer mind thet after all it'll be a good day to start hoein' potaters, when whoosh-the hull blame sky turns inside out an' spills ev'ry last pailful thet's into it. In five minutes the cow-yard's a puddle; in ten, the brook by the road is runnin' high an yeller. But afore ye've decided to git into gum
boots an' a slicker to go out an' clear thet clogged drain yonder, it's all over an' things settle down to steamin' ag in.
'There's a mighty lot o' diff'rence 'tween them big, round drops an' the thin, cold, steady ones thet come a-slantin' out'n the east'ard fer twothree days at a stretch in the fall an' winter. Gol-a'mighty, but they're disperitin' an' gloomy! Still an' all, I calc'late we couldn't git along 'thout 'em, fer it's rains like them thet really git down to the innards o' things an' raises the wells an' starts the springs to runnin' ag'in. "An' still somethin' else ag'in is the soakin spring drizzle, so fine thet ye can't scurcely call it rain. How it does bring up the worms an' start the young grass an' all the young plants gittin' ready to sprout! Millions o' teeny drops for millions o' teeny scraps o' life-there ain't nothin' quite so heartenin' in all this queer old world!"


21 kinds to choose from...

Asparagus
Bean
Beef
Bouillon
Bouillon
Celery
Chicken
Chicken-Gumbo
Clam Chowder
Consomme
Julienne
Muck Turle
Mulligatawny
Mutton
O
$\mathrm{O}_{\mathrm{x}}$ Tail
Pea
${ }^{\text {Peap }}$ Per Por
Pepper Po
Printanier
${ }^{\text {Printanien }}$
Tomato-Okra
Vegetille

Vermicell-Tomato

Consommé, the formal soup par excellence, reveals the French soup-chef in one of the highest phases of his art. It is a soup that demands exquisite delicacy and balance, yet it must possess that tonic, invigorating quality for which it is famous.

Whether you serve Campbell's Consommé daintily and attractively jellied or as a bracing hot broth, you find it true to the best French tradition. Made from choice beef, this soup is amber-clear and a delight to the taste. There is the deft flavoring of carrots, celery, parsley, onion and seasonings. A soup for epicures!

## Look for the Red - and -White Label

Campbell's
Consommé Jellied

To the contents of a can of Campbell's Consommé add one and one-half level teaspoonfuls of granulated gelatine, heating the soup until the gelatine is dissolved. Chill in a refrigerator for at least three hours Serve in cooled bouillon cups.

## The goldfish on

## the bathroom wall

(CONTINUED FROM PAGE 17)

logical items in bathroom decoration and offer a wide range of possibilities. Thus the mirrors in the bathroom on page 15 depend for their effect on a painted border of mementos culled from a Victorian memory bookpressed flowers, theatre tickets, gloves, a valentine, a fan-given a delightful modern flavor by James Reynoldswhich is echoed in the modern color scheme of the room-salmon pink, chartreuse, mulberry and brown. The frames of these mirrors are marbleized the same tone as the side of the tubmulberry with pink graining. Pale salmon pink walls, chartreuse Celanese curtains with mulberry sashes, and a chandelier and powder jar of old vaseline glass complete the scheme. Black, gunmetal and blue mirrored glass are fast coming into popularity for wall coverings. The newest color for mirrors is gunmetal, the bath on page 17 being paneled in glass of this color decorated with a frieze of marine vegetation sand-blasted into the glass.

Still another medium for walls is flat paint, and the manner of using it will either give a bathroom distinction or leave it commonplace. The bathroom at the top of page 16 , for example, has flat blue walls surmounted by a frieze of gray and white diamonds. Nothing could be simpler or more effective. Other parts of the room lighten the effect-a floor of gray, white and yellow rubber and bath curtains of white moire bordered in yellow.
Border papers may be combined with painted walls. In country house bathrooms an apricot painted wall might be finished with a narrow floral bor-

$W_{\text {alles in }}$ this bath are marbleized gold with old wall paper frieze in blue, black and Etruscan red. Nancy McClelland, decorator
der in harmonizing colors around the ceiling and carried down over the windows and doors, or white walls with a green and white border. Or the borders might be used to frame panels in the wall. Border papers come in great variety nowadays.
A distinguished example of paint and paper is found in the bath above. Over walls marbleized in panels was set an old wall paper frieze of urns in Etruscan red on a pale blue-gray ground. The other colors are found in the blue fixtures and the black satin curtains lined with gold taffeta.

## Some rich relations and country cousins

Phlox, flame; Geranium, crane's bill (the seed) ; Myosotis, mouse's ear; Delphinium, the dolphin: Jonquil, the small rush: Calceolaria, the little shoe: Mimulus, the little mimic. Aster means the star; Gladiolus, the little sword; Convolvulus, the little twister; Oxalis, acid; Plantain, the sole of a foot; Calochortus, beautiful grass. Syringa is the plant of pipe stems; Chrysanthemum, the golden flower (as once it was) ; Stephanotis, fit for a crown; Tritonia (the proper name of Montbretia), the weather vane: Erigeron, the old man of Spring; Dicentra, two spurs; Dandelion, the lion's tooth Pomegranate, the granulated apple: Apricot, early ripe
Even the humble Parsnip and the workaday Cabbage are named for the objects they resemble: respectively, the dibble and the head.
If one may supply a word or two here and there, it is easy to translate countless more of such descriptive names into English. For instance:

Hepatica, the plant with a liver-shaped leaf; Carnation, the flower of flesh tints; Pittosporum, pitch seed; Rosemary, ocean dew (probably referring to its pungent sap); Rhododendron, the rose-colored tree; Coreopsis, having the appearance of a bug (meaning doubtless, the seed) ; Ampelopsis, having the appearance of a vine. But why was "appearance" inserted, when nothing could be more patently vinelike than the Ampelopsis?
They say the children of the pious are very often full of the Devil. Quite as true in the plant world as in the human. Where are there gayer, more pagan, more abandoned devotees to a life of pleasure than the Marigold and the Holly? Yet their ancestors were given over to a life of piety so completely that their very names were Mary's Gold and the Holy Bush. The Hollyhock then was the Holy Hock, meaning the Sacred Mallow; but now she is just a frivolous pretty thing, almost never seen in the churchyard.

What's new in building and equipment
(CONTINUED FROM PAGE 45)
room with no danger to floor finish or coverings, and may be plugged into any electric convenience outlet. The Gibson Refrigerator Co. are the manufacturers.

Air washer blower. Clean, pure and healthful air is made available for many homes by a compact unit which may be effectively used with any ventilating or warm air heating system now in service. By means of a fine mist or fog the equipment is said to clean, purify and deodorize the air and to mix it with moisture before the air is delivered to the heating chamber. Good health and cleanliness are promoted in the house, where the spray will cool the hot air in the summer, and relieve the dry and baked condition of the air in the winter.
Made of heavy gauge, galvanized iron throughout, the combined air washer and blower is built into a single housing and will endure as long as the heating plant, we are informed. Fan housing is of copper alloy with soldered seams. Nozzles at either inlet produce the large, fan-shaped spray, drawn in with the air and churned in the scroll, so that impurities are washed out of the air and a proper amount of moisture is added thereto.

A deflector in the outlet opening prevents water in liquid form from going through. In harmony with the starting and stopping of the blower, a valve turns the water on and off. Blower is controlled by the temperature in the hood of the heater and in the room; the water supply by the humidity in the air. This equipment is manufactured by the American Machine Products Co .

Vitreous china trim. Vitreous china moldings of new design are available for the enhancement of a kitchen sink that is surrounded with drainboards and facing of enamel tile. Formed from vitreous china, the moldings create a rim around the drainboards and across the front of the sink to embellish the very attractive and serviceable kitchen equipment. The pieces supplement the glazed tile used for sink facing and drain areas, we are told by the Fairfacts Co., its manufacturers, and include a quarter-round that encircles the rim of the sink.

Fixture protection. To preserve the lustrous enamel surfaces of bathtubs from mars and scratches while bathrooms in which they are set are being built, the Kohler Co. announces a paste that offers a convenient, safe and inexpensive method of covering the highly glazed and frequently colorful enamel. After the paste has been brushed onto the surfaces to be protected, several thicknesses of ordinary newspaper are applied to produce a tough, hard covering capable of withstanding all common abuses. When construction is completed a liberal soaking with water will loosen the paste so that the paper may readily be peeled off. Fixtures other than tubs may be similarly protected against dropping of plaster, tools or scaffold.

Insulated gas range. A cooler kitchen is promised with a gas range of improved design wherein heavy in-
sulation adds efficiency and comfort while reducing fuel consumption. Insulation in the form of a thick liyer of specially prepared mineral wool lines the sides, top and back as well as the doors of all ovens. This gratly reduces heat radiation through the range body into the room, while insulaion of doors deadens metallic sound Deep slots in oven linings securely hold racks. This assures a smooth, attractive interior, with rounded corners that may easily be wiped clean. Gther outstanding features include oven heat regulator, all-porcelain enamel finish, cool handles of bakelite for doors, cooking top and gas cocks, all gas con(rol parts hidden with handles and lighter push button alone in sight. Gas cocks may be arranged to lock when shut off. New, removable patented burners of aluminum alloy are noncorrosive and cannot be clogged by boilovers, we are told by the American Stove Co., maker of this equipment.

Copper patina. Copper sheet metal treated to give it a natural green patina, is now being made availablfor building construction, thus reproducing at once the color harmony and weathering appearance ultimately intended by the architect. Having the identical constitution of the naturally weathered surface, the patina thus formed is said to be changeless. It is the -natural coloring produced swiftly because nature has been helped tor speed up the process. Like the normal weathering, which comes only after a year or more of exposure to the elements, the patina formed is insoluble in water we are told by the Copper \& Brass Research Association, and for that reason is permanent.
$B_{\text {Lack brick. The introduction }}$ black brick marks a recent development in modernizing the home to render it distinctive. Every house has one or more chimneys, and brick, jet black in color, may embellish the fireplace and hearth on the interior as well as the chimney surfaces exposed on the outside. Specially formed units with rounded corners and beveled sides are available for building chimney tops of unusual design. In all kinds of masonry dwellings black brick is recommended for window sills paneling and decorative trim.
The black color is obtained by subjecting special clay to an exclusiry firing process, we are advised by the manufacturers, the Auburn Brick Co. The standard unit is similar to at ordinary brick in size, in weight and is absorptive properties, it has a smood texture and is laid up in the wall with usual type of mortar. Colors recommenled for the mortar are black and white

Chromium outlet platis, Elect tric outlet plates finished in gleaming stainless chromium now match thix modern kitchen and bathroom hart ware. For operation of electric refrite: erators and motorized appliances kitchens, for breakfast nooks whet kitchens, toasters, percolators and watter iron are in demand, and for built-in ans double outlets are recommended. recentacle outlet with tumbler switch (Continued on page 57)


What is the meaning of these strange Arabic symbols written centuries ago?
Surprising as it may seem, when translated they pell halitosis (unpleasant breath)
The ancient Mohammedans recognized what the modern Listerine advertisements have always attempted to convey-that halitosis is the unforgivable fault.
So strongly did they feel this that halitosis was made one of the four grounds on which a divorce sould be obtained
It looks as though the Mohammedans were smart. er than we are

You-anyone-is likely to have halitosis for the reason that $90 \%$ of the trouble is caused by tiny bits of food fermenting in the mouth.

But you need never offend if you use Listerine. Listerine both prevents and remedies halitosis because of its double action.

## Deodorizes 12 Hours Longer

Being antiseptic, Listerine instantly halts fermentation, the cause of odors. And then, because it is the swiftest deodorant known, it gets rid of the odors themselves.
Tests show that Listerine instantly overcomes odors that ordinary mouth washes cannot conquer in 12 hours or more.

For Certain Results-Listerine
When you want to be certain that your breath is be yond reproach, and agreeable to others, use only Lis terine. Don't take chances with solutions of doubtful
deodorant power. Remember, Listerine is effective be cause it attacks the cause, then removes the effect. And its taste is pleasant.
If you haven't a bottle in your medicine cabinet, get one now.

Because of its marked deodorant power, Listerine is a delightful aid in overcoming another social handi-cap-perspiration and other body odors. A great many women and men labor under the delusion that the use of mere soap and water will overcome this humiliating condition. Nothing is further from the truth. For swift deodorant effect, you must use a deodorant. After your bath, simply apply Listerine to the guilty areas. It cleans, freshens, sweetens, and deodorizes. You go forth feeling that you are fastidious and immaculate.

## LISTERINE DEODORIZES FASTEST



Send for our FREE BOOKLET OF ETl. QUETIE-tells what to wear, say, and do at social affairs. Address, Dept. HG8 Lambert Pharmacal Co., St. Louis, Mo.

## Use it also for BODY ODORS

$N E W$-In Salubra Wall Covering \& is The Choicest Period Designs
Re-Created for the American Home

"Morifs Chinois et Persans" (Pattern No. 32833), reproduces a wood-blocked Jouy design of about 1778, showing the Chinese and Eastern influence in vogue in France diring the 1Sth Century. (Furniture courtesy CHARAK).

Salubra-in this new Period Collection of wall coverings -brings you lovely designs for the Colonial home, with those exquisitely beautiful colorings and that texture all the world admires. More than that-Salubra Period designs have a combination of practical features that cannot be obtained in any other wall covering. Every pattern is fadeless, washable, and sanitary-qualities non-existent in early times but which are cssential in a wall covering judged by today's standards. These unique, practical advantages are your insurance against walls growing shabby. They make Salubra a lasting decoration without any further treatment.
These delightful designs recreate the very atmosphere and spirit of the "Colonial Era," for they themselves are recreations and adaptations of the choicest examples of 18 th and early 19th Century wall decoration. And all are beautifully executed in real oil colors by the distinctive Salubra technique.

$\rightarrow$ Scritrover

## House \& Garden's bookshelf

The Book of Roses. By Dr. G. Griffen Lewis. Boston: Richard G. Badfen
ger.

A nother amateur has accomplished the seemingly impossible by making a really valuable addition to all that has before been written about the Flower of Universality. Largely because he is an amateur and partly, perhaps, because he is a physician, he understands the difficulties that worry the inexperienced and the average gardener in endeavoring to manage this least tractable of the most popular flowers. Only in recommending very deep and elaborate preparation of beds is he at variance with the best modern practice, which is to be satisfied with twelve or fifteen inches of good soil, well drained and aerated. His discussion of the kind of plant to buy, of hybrid teas and others used for bedding and for cutting is brief, clear and sufficient. It ends with advising, in general, the use of two-year fieldgrown plants budded upon good stock, preferably Japanese Multiflora. Not all rosarians today, however, set the union as much as two inches below the surface, or advocate the stirring of the soil in cultivation to a depth of three inches, or think that abundance of moisture is so vital.
It is to be regretted that in treating of the care of plants during the growing season, the author does not give appraisal of the various sprays for Mildew and Blackspot, some of which do not disfigure the foliage as does the Massey dust mixture and some of which are probably more effective. But, on the whole, in all matters relating to the handling of the plants the volume is preëminently satisfactory and uniquely explicit.
Dr. Lewis has taken special pains to guide in what to many otherwise good gardeners is an art of mystery, that of sensible pruning. Propagation also is made plain and easy, except that it seems to be assumed that everybody knows about sowing seed for his stocks, say of Multiflora, very early in the spring, about the harvesting of the younglings in the fall of the second year, and the keeping of them cold and dormant until, with necks cleaned of all lateral roots to the distance of about two inches below the crown, they are planted out in the spring, with earth mounded up to keep the skin of the necks tender until the bud is inserted the following July or August.
Much useful information is given about public rose gardens to visit, about rose societies, about cutting and exhibiting blooms, about the making of rosewater and perfumes, and about other curious uses of petals and wood and about the many miscellaneous items of accretion so inevitable in the case of a flower that figures through long centuries of art, literature and legend. Yet there is wise refraining from attempting to enumerate and describe varieties in the face of the countless meritorious introductions that are being made annually. Space is rather given to the unusual species, both the wild and their derivatives, many of which have charms and uses, in garden making, that are lacking in the more familiar forms of the modern garden rose. Even more
of these, indeed might have been mentioned. The Lambertianas, for example, which, like Doctor Van Fleet New Century and others, are leadin the way toward our having desirabl. shrub roses, are not referred to, al. though there is place given to $\mathrm{Mr}_{\mathrm{r}}$ Lambert among eminent rosarian. This chapter, a very interesting one and the latter part of the book general, were evidently done too hurriedly, for there are such mistakes : attributing Doctor Van Fleet's American Pillar to Mr. Walsh and numerous misspellings of names. Some of the color plates also might be improved, for most of the copper-colored roses and some of the pinks are too dark in tone, though the reds are portrayed with tolerable faithfulness.

Early American Pressed Glass, By Ruth Webb Lee. Pittsford, Ruth Webb Lee.

It is easy to believe the author's statement that she never would have undertaken the labor of preparing this book if, at the outset, she had realized what the number and magnitude of the obstacles were that she would have to overcome. One can also readily believe her assertion that she devoted years of study to her subject and traveled thousands of miles in search of reliable information. But it was worth while. She has made a compilation which must be of inestimable value to all collectors of American pressed glass, and she may rest assured that she has succeeded in her commendable ambition to produce a practical handbook for that vast company of enthusiasts whose shelves and cabinets sparkle with those products whose patron saint might properly be denominated St . Sandwich.
She makes a noble endeavor to explode the Sandwich myth, recognizing the fact that the majority of dealers and uninformed collectors appear to believe that all pressed glass originated in this little Massachusetts community. Her vast accumulation of facts will deal this myth a sturdy blow
One of the author's principal intentions was to classify the hundreds of patterns and to establish the name of each, in order to facilitate the collecting and assemblage of sets. In this endeavor she has firmly avoided the acceptance of hearsay evidence, of old wives' memories, of dealers' assumptions, and has listed, as positively existing, only those forms or items which she has seen with her own eyes. The hundreds of illustrations in the book bear testimony to her meticulous research.
The reference value of the work is somewhat impaired by the inadequacy of the index. However, this volume is not intended for the novice. It devotes no space to what might be called the elementary principles of glass collecting. The author assumes that her public knows what pressed glass is, and proceeds to describe and list, with painstaking fulness, what pressed glass has come to be, in its infinite variety of form, consistency and color.

[^2]
## PACKARD

$\begin{array}{llllll}\mathbf{A} & \mathbf{S} & \mathbf{K} & \mathbf{T} & \mathbf{H} & \mathbf{E}\end{array}$

IHE new Packard Twin Six develops more than 160 horsepower. Seldom, if ever, is it necessary to draw fully on such vast potential power - but the extra power is there and its advantages are constantly reflected in the matchless, smooth performance of this great, brand new SuperPackard. I Speed greater than you will ever need is at your quick commandspeed that is never labored, speed that always leaves something in reserve. Acceleration is as velvety and noiseless as a summer breeze. There has never been a car, we believe, so swift, so smooth, so silent. I And how easily the Twin Six handles! Steering is almost effortless. Gears shift without a click.

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$\begin{array}{lllllll}\text { P } & \text { A } & \text { C } & \mathrm{K} & \text { A } & \mathbf{R} & \mathrm{D}\end{array}$



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Division of General Motors.

# NE W CHEVROLET S IX 

## What's new in building and equipment

## (continued from page 54)

and a warning light to signal current use, and thereby prevent its waste when it is not needed, will considerably enhance convenience and economy of operation, we are told by the ArrowHart \& Hegeman Electric Co., the manufacturer.

## Quick drying wall finish. A

 wew type primer and first coater for wood and plaster surfaces combines quick drying with hiding and covering properties that are said to be above the average. Although it dries quickly, the primer is heavy bodied and very opaque, we are advised by Berry Brothers, its manufacturer. It seals the pores, stops surface suction, fills ordinary hair cracks, prevents alkali action and lime spotting in plaster, and dries without laps or brushmarks to provide a smooth, elastic foundation for subsequent paint coats.Compact clothes dryer. For the quick drying of small washes, sports clothes and children's outer garments, an electric dryer of small size and high efficiency is being offered by the Prometheus Electric Corporation. It comes in two sizes, 20 or 36 inches wide, 30 inches high and 22 inches deep. Chromium plated, this accessory is furnished with a three-heat switch by which heat is accurately controlled. It also is fitted with easy-sliding racks with hangers.

Fresh air ventilatcr. Refreshing, silent, clean air of the mountainside may be placed at the control of the finger tips. A ventilator, installed at a window of the home, will, with the sash closed, provide a constant, controlled circulation of air. Volume up to 14 mile velocity, and direction may be varied to suit convenience.
Outside noises are barred. Mental concentration is thereby facilitated, conversation may be carried on with less effort, telephoning rendered more accurate. Relief is both mental and physical, with great advantage to the nervous system. If the bedroom is thus equipped, slumbers will not be interrupted by outside disturbances, whether it be day or night.
The "Mountainaire," which is manufactured by Burgess Battery Co., provides a mechanical filtering action
which ensures removal of dirt, dust, soot and pollen before the indrawn air can enter the room. Thus it preserves health, and relieves many troubles of the nose, throat and lungs, a particularly significant factor to the sufferer from hay fever. House furnishings are benefited by the absence of dust and dirt. Rooms require cleaning less often, and retain their original freshness with but little effort upon the part of the housewife.

Electric heater. A new unit for supplying heat from electricity uses for a heating element a non-metallic bar which may be replaced when burned out as readily as an ordinary lamp bulb. Guaranteed for a minimum of 1500 hours' service, the bar is said to be unaffected by water or moisture. The heater is manufactured by F. W. Shepler Stove Co., in both wall hanging and recess types. Vitreous enamel finishes are available for the front in white, black and six pleasing colors which will harmonize with tile walls of any bathroom or with the decorative scheme of other rooms. Heat reflectors are chromium plated. Width of recessed models is so determined that they fit easily between studs. The units are listed as standard by the Underwriter's Laboratories.

Ventilating door. An innovation in design for the entrance and service doors of the house is found in a door equipped with sliding panels in top and bottom portions. Available in wood or metal and in several styles, including flush surfaces, the door makes it possible to provide ventilation in the house while the door itself is kept locked. The upper and lower movable panels are independently adjustable, with separate operating handles on the inside which slide them into a housing in the central portion of the door Panels when closed are said to cover the openings firmly and give the appearance of a solid door. Either panel may be adjusted to leave an opening varying from one inch to 16 inches in height. They are said to automatically lock in the position in which left so that they cannot be forced from the outside. Copper insect screens are available to cover openings when desired. The door is a product of the Equipment and Supply Co. Inc.

## The budget house is completed

continued trom page 33)
carpeting that would be durable and character with the room, we sematting, which has a soft pink color. Then, with addivo short column pedestals ther end of the sofa for ash final room of our budget ompleted.
1 accounts of the amounts for decorating nursery and follow.
nursery
bed
springs and mattress made of terry clo curtains (2 bed for bows (15 yards)
Istered chair Istered chair
halrs (2) airs (2) (5 rolls)
$\$ 60.00$
24.00
25.00
4.00
16.00
3.00
40.00
20.00
6.00
30.00

Round mirrors (2)
Commodes (2)

Book- Nook
$18^{\prime} \times 9^{\prime}$ Cocoa matting carpet $18^{\prime} \times 9^{\prime}$ Cocoa matting carpet
Curved sofa Corner chairs
Cork for walls ( 30 sheets) Columns
Bookcase
Iron urn wired for indirect light Curtains (2)
Brackets to

Note: This is the final article dealing with the decorating of a small house on a budget in keeping with the times. The series began in the May issue, with a living room for $\$ 750$, followed in June by a $\$ 700$ dining room, and last month the bedroom, for $\$ 500$.

## $\mathcal{T V}_{\text {(ow avalable to gentle. }}$ rolk a NEW CIGARETTE op EXTREME MERIT WARRANTED TO PLEASE xto To the good people of this township we offer for trial (\& we trust approval) an elegant New cigarette TALLY-HO

Rolled with great skill into an oval shape, it smokes slowly and coolly.


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Wired conveniences
be provided, unless the space is unusually small. For kitchen appliances, there is an exceptionally flexible cord set, which eliminates much of the kinking of wire and gives complete control of current at the appliance by means of a switch on the plug.
The rear hall is an ideal location for the fuse box. A new fuse with transparent top eliminates the necessity for touching a metallic or composition top when making changes in the fuse box and makes it easy to locate ruptured fuses. If desired, a cir-cuit-breaking panel containing a number of switches controlling the various circuits of the house may be used in place of the fuse box. Switches open automatically when a circuit become overloaded. A switch located in this hall can control garage as well as basement, and another switch, the kitchen and front hall light. A combined switch and pilot light warns when lights are on in obscure places.

The laundry should have a center light controlled by a switch at the door, and a drop cord over laundry trays with a "daylight lamp" of blue glass to show the true colors of the clothes. Heavy duty appliances such as the ironing machine and washer requir outlets on separate circuits.
In general, garage lights should be controlled from two points, one inside the garage door and the other at the house at the most convenient entrance
from the garage. A mechanically timed switch may be installed which will turn garage lights on or off automatically at the time indicated on the switch. A handy, waterproof portable lamp for service in garage or basement consists of a flexible all-rubber cord, rubber handle cap and bulb encased in a closed wire guard with a hook. It is simply plugged into an electric outlet, and may be hooked onto a wall or projection.
A new development in bedroom lighting is a 25 -watt lamp controlled by a switch mounted at the baseboard directly under the bed, which is most consenient in case of illness or when one desires a light without disturbing those who are sleeping. A master switch installed near the bed to control one or more lights in first floor rooms as well as outside of the house is a protection against burglary. For use in nurseries, hallways or sickrooms there is a portable dimming light socket which gives a gradual variation in light from full brilliance to total darkness and may be used with any lamp of forty watts or less. In the clothes or linen closet, a switch in the jamb side of the door controls the light by the opening and closing of the door.
In the bathroom, a double outlet for sun-lamp, vibrator or heater should be located at a point away from the bathtub to lessen the danger of shock. Vapor-proof shower and bracket lights give satisfactory illumination here.

## They name their favorite summer bouquets

decorations and flower arrangements
"My favorite summer flower is the Salpiglossis in all its various colors To me there is no more beautiful garden flower, duc largely, I believe, to its exquisite veining. So lovely is the Salpiglossis that it needs no other flower to bring out its beauty and a bouquet of all hues is quite sufficient unto itself."
mRS. E. A. S. Peckham, a Director of the American Iris Society and lecturer on flower show judging

Iris Alcina, buff and mauve; Iris Sonata, cream with touches of pink and blue; Iris Dauntless, brownish red in a gray stone jug to stand on the floor. The introduction of a few leaves of green feathered Japanese Maple with red edges helps the combination.
"Salvia farinacea with Primulinus Gladioli in pale yellow and coppery tones with a touch of foliage of Bap-tisia-very little-in a heavy brownorange glass vase. This for a livingroom table."
mrs. willlam h. Cary, President of the New Canaan (Conn.) Garden Club and an outstanding expert in flower arrangement :
"My favorite flower combinations are pink and purple ruffled Petunias, pink Spirea (Astilbe, I should say) and Fuchsias. Also the single white (with yellow anthers) Japanese Peony and Daylilies, for big arrangements." mRS. ARTHUR KNAPP, member of the Bayside (N. Y.) Garden Club and the N. Y. Horticultural Society, an eminent gardener and successful lecturer:
"My favorite flower arrangements
are: Stachys canata (Rabbit's Ear), using the flowers as well as the leaves, in a low flat gray green container.
'Gypsophila 'Bristol Fairy' and Statice in a silver bowl. This is very pleasing on a hot day.
"Pink Lathyrus (Perennial Pea) with purple Heliotrope in a blue glass bowl-the coloring is that of an old stained glass window."
mirs. m. J. hitzpatrick, life member of the New York Horticultural Society winner of many floral arrangement competitions, and private grower with Clarence Lewis:
"Regarding my favorite flower combinations, I find a bouquet of yellow orange, and dark brown Tulips unusually lovely at the present season. Later on when the Roses are in bloom. a combination of Delphiniums, pink Roses and Gypsophila makes a very charming effect. In the autumn the tinted foliage and autumn colored Chrysanthemums make a most delightful bouquet."
mrs, Jerome w. coombs, former President of the Scarsdale (N. Y.) Garden Club, specialist in Narcissi, member of the New York Horticultur al Society and actively interested in the New York Botanical Garden:
"The prettiest summer bouquet I ever saw was gathered in a meadow by the Bronx River. The flowers were Orange Milkweed, Black-eyed Susans and a wild white Pentstemon (laevigatus, var, digitalis, I think). The woman who picked them owned one of Scarsdale's few remaining farms."
(Continued on page 62)

Concerning gardens of illusion in Japan
(Continued from page 42)
deeply several times in succession and was left alone
At once I was struck by the absence of flowers; I found color other than green on four occasions only. Here and there were some rare clumps of Azaleas.
I left "civilization" by way of a stoned walk of charming pattern that took me across the lawn in front of the house. Thence I descended a tortuous path that plunged directly into the "wilderness" by way of a group of boulders cunningly placed one on the other to form a flight of steps like those so frequently encountered in mountain retreats. Here again I found blossoms, in the budding Trailing Hemlock that flowed down over the rocks like the green waters of a mountain cascade flecked with beads of foam.
I was now in the heart of the forest here even a tree had been ingenuously bent so as to make me go round it. I paused to enjoy the cooling breath of dampness and listen to strange birds and to a stream gurgling merrily in its hurried flight over moss-covered stones. Just beyond I found a cleverly devised cavern, so designed as to give resonance to the tumbling brook that fell with a mournful echo from a considerable height to the pool below its basin hollowed out of solid rock The third touch of color to vary the green was a Japanese Maple that stood guard on the edge of the "deep forest" clothed in a crimson coat.

## the Eternal mirror

A Japanese garden is considered im perfect without water. It would be going contrary to Nature, that derives its vigor and beauty from water, to deprive it of this element. Furthermore, a pond or a lake is looked upon as the Eternal Mirror, that wears the blue sky and fleecy clouds on its breast by day, and even brings the sun down to within reach of mortals to rest in its depths, while at night-most beautiful spectacle of all!-it puts on a gown of heavenly velvet, enriched by silvery moonbeams and studded with stars, with the moon itself seeking shelter on its breast.

The soul of Nature, the pool of irvana, the mirror of the Divine I visited many private gardens in Japan after that.

In one instance-near Osaka, I re-call-the garden area surrounding the house was surprisingly small. Yet so ingenious was the arrangement that there was no appearance or feeling of being crowded and yet none other roused my imagination to quite such a pitch. I saw this garden first from the uppermost floor of the house that stood on a promontory in the middle of it. There were windows and balconies built all along one side for the express purpose of enjoying the garden at all times.
We had finished luncheon-Japanese style-and the pretty little girls had ducked in and out again with the lacquer trays and tables. Thereafter we squatted on silken cushions on the floor, leaning back on padded bamboo arm-rests close to the sliding shoji overlooking the garden-park. A gentle
rain delicately pattered on the leas and at intervals dropped with musia notes into the pool below

We took our cue from our host laid aside his cigaret, that nothing might pollute the purity and sanctity of our communion with Nature. The we sat like well-fed gods atop the clouds for the better part of a hal hour, contemplating, listening, looking down upon and communing with lovely bit of the earth glorified by Nature, now in one of her most subdued moods, when not even a bird raised its voice in song and the goldfish and the carp in the pool belov sought shelter beneath the shadow of the Great Wishing Stone.

In those moments the Nature losophy of the East was partially derstandable even to me; the Garden of Illusion lay outspread beneath me A novel and a noble use of gardens unfolded. Associations
For example, yonder stands a rock -in miniature, of course-surmounted by a tortured leaning Pine as though bowing devoutly before the shrine at the top. Every Japanese knows tha rock, that Pine, that shrine, to be in the Inland Sea. Again, crossing th pond below is a bridge that stirs the Japanese heart to loyalty, for it is identical with that to be found standing before the palace of the First Shogun in Shizouka. While standing ther in the center of the pond is the replica of the famous red lacquered tori that all know is to be found before the famous Floating Shrine at Miyajima.

And so all the beauty spots are reproduced in the gardens of Japan. If the purse is too slender to recreate an entire area, then the gardener is content to suggest a famous and revered rock, or hill-top, or lagoon. Perhaps it is only a handful of earth, or a stone or a shrub brought from some holy place and so made to rehallow a homely miniature garden, recreating and re-envisioning it.

## Garden religion

To the Japanese his garden is a sacred place. To be privileged to share it means to share many of the inmost secrets of his soul which are laid bare by the many associations and symbols. The family shrine is often to be found somewhere within it; in the tea pavil on ceremonial tea will be served with ll the solemnity of a religious rite. From the tea pavilion you may observe the three great forces of NatureHeaven, symbolized by the highest hill; Man by a lower mound; and Earth by the boulders anchored int the ground. Even the stepping stone cross the stream have their meaning their irregular setting signifying the flight of wild geese. The low Vertica Stone, the Separate Stream Stone, the Fleeing Stone and the Chasing Stone. ll are carefully arranged in accord ance with the art of gardening. The waterfalls are varied and significant The Layer Falls, the Linen Spreading Falls, the Bridal Veil are frauglt with poetic meanings as intelligible as ou conventions of daily intercourse. Ever the cascade is so located that the beauty of sunshine and moonbeam re-
(Continued on page 60)

## $\mathbb{T W O} \quad \mathbb{S} \mathbb{H} \mathbb{P} \mathbb{S} \quad \mathbb{T} \mathbb{H} \quad \mathbb{W} \mathbb{O} \mathbb{R} \mathbb{L} \quad \mathbb{H} \mathbb{A} \mathbb{S} \quad \mathbb{W} \mathbb{I} \mathbb{T} \mathbb{D} \quad \mathbb{F} \mathbb{R}$



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## F. H. IOIRSOITI CHARLOTTE, VERMONT

Concerning gardens of illusion in Japan
flecting upon it gilds it with infinite charm at certain hours of the day or night.
Religious symbols are everywhere present in the Japanese garden, adding the mysticism of strange gods to the mystery of Nature. From the simple wooden post lantern (go-shint-o) or Honorable Deity Lantern, to perhaps a huge carved column stone lantern, or others with bowed legs, a stiff col lar and a broad-brimmed head-dress, called the Snow View Lantern because
it presents such an enchanting sicht when covered with snow. Some shrine is inevitable, usually with its torii
Simply to complete the picture, : will often find a small boat with ours in it, tied to a post in a sedgy corner of the lagoon, just for your fancy to go a-sailing in it.
Above all, the Japanese garden i lovely picture-a cunning symphony of the gifts of the earth and the gifts of the spirit-of one of Nature's proudest moments, arresting, noble, spiritual.

## Parian statues to grace Victorian rooms

ture, which in spite of one inaccuracy is so good that it bears being quoted. "Further you learned-you know you did-in the same visit how the beautiful sculptures in the delicate new material called Parian are all constructed in moulds: how, into that material animal bones are ground up because the phosphate of lime contained in the bones makes it translucent" (This is a mistake; bones are used in china-in Parian ware felspar is substituted and this constitutes the difference between the two bodies.) ; "how everything is moulded before going into the fire one fourth larger than it is intended to come out of the fire, because it shrinks in that proportion in the intense heat; how when a figure shrinks unevenly it is spoiled-emerging from the furnace a misshapen birth; a big head and a little body or a little head and a big body, or a Quasimodo with long arms and short legs, or a Miss Biffin with neither arms nor legs worth mentioning."
Some fine work was done by modelers of considerable artistic power. Much of the work consisted of reproduction of well-known statuary, with some frankly imitative copies of Chelsea and Derby figures. And then there was a mass of production designed for cottage mantelshelves and farmhouse parlors.
A very slight glaze is a chief characteristic of Parian that gives it a dull finish and adds greatly to its beauty. This may be appreciated if a Parian piece is compared with a shiny surface porcelain piece, for far less sharpness of detail in the latter is possible. Only in vases and pitchers and dishes which are to contain liquid is Parian treated to a heavy glaze and then only the inside. These utensils are most impractical for real use, for with the fine granular surface of the ma-
terial they are difficult to keep clean One feels a little vehement against such violations of the sound principles of art, when jugs, cups and candlesticks are so fashioned. They are only fit to be kept in a glass cabinet. Brooches and pins of sentimental character were made in Parian in this country mostly. The translucent quality of the ware may be observed in these ornaments, for they are much thinner than the figures.
As may be seen from the figures shown, Parian ware is susceptible of extreme undercutting and high relief. Here in America flower work was very skillfully done, grapes and vine eaves being favorite motifs of the patient workers. To Bennington from England there came one of the most deft handed potters, John Harrison, and he no doubt influenced American Parian more than anyone else.
To see any good examples of this minor art of the mid-Victorian era is to feel their sentimental quality and heir power to invoke a period and point of view very different from our own. Like Staffordshire figures made in the Five Towns, or the North of England they have no social pretentiousness. They were made for the chimney pieces and what-nots of all classes, and since they are still fairly casily found both here and abroad. they make a delightful and not too xpensive item to collect. Their value as incidental ornament in a room depends on the color of the walls. Somber tones set them off beautifully, but the most attractive foil is a wall of violet blue. Against this one gets the enchanting effect of the blue and white of Wedgwood. The figures, with heir soft white contours and dainty airs, possess the delicate savor of an age not so long gone by, but far cough away from us to merit affe tion rather than reproach.

## Let us help with your school problem

If you have a son or daughter destined for boarding school this fall-and have not yet decided on the schoolturn to "Schools of House \& Garden", beginning on page 2. Here you will find announcements of some of America's leading schools for both boys and girls, together with some interesting bits of news and advice that will help you select the best school for your child.


Wilson's O. K. Plant Spray leading concentrated general purpose con. tact spray . . effective against the mast virulent insects . . . used with absolute safety and effectiveness by estates, commercial growers and small home gardeners for many seasons . . . has the unqualified recommendation of the officers and members of the Garden Club of America. Keep your plants sprayed-one season's neglect may ruin years of growth! AWINC
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## Autumn blooming flowers

Why not add an accent of color to your garden this fall by planting Autumn Blooming Crocus or some of the other late blooming families? Don't forget that good gardens grow from good stock. It pays in dollars and cents as well as in personal satisfaction to buy the strong, wellgrown plant . . . the vigorous seed . . . the clean fertilizer . the dependable garden tool . . . the right equipment.

The garden advertising section of House \& Garden is a friend who will never let you down. Look over these pages and make out your shopping list now. There is still time to give your garden a second spring with Autumn flowers.


## They name their favorite summer bouquets

(continued from page 58)
MRS. CLAUDE C. HOPKINS, prominent among the gardening folk of Michigan and elsewhere
'1-Japanese effect, composed of two stalks of Iris-Isoline and Laborplus one small Jap Peony, currant red. Isoline stands several inches higher than Labor. The Peony is shorter than either. They are in a low dull rose bowl, mounted on a black Teakwood base.

2-A great sweeping branch of Rambler Rose Garderna. It is in a tall and slender glass vase, standing on the floor by the fireplace. Its yellow buds, silhouetted against shelves of books in garnet bindings, form a very pleasing picture.

3-A more pretentious arrangement is in the corner of the room, where light from two windows forms a perfect setting for tall sprays of pinkish lavender Sweet Rocket. Then a lateblooming blue Iris, Marguery Tinley Some graceful sprays of lemon Hemerocallis, some Statice Suworowiz, also pink lavender. Then, for a focal point, three pink Roses, tucked in at the base. An upright branch of American Beauty Rambler Rose is a finishing attraction. These are arranged in a large blue luster vase.
"Mixed bouquets must have a focal point of interest, else the effect is likely to be commonplace. I gain this interest by an arresting note of deeper color. Sometimes by contrasting shades, such as a drift of lemon yellow among pinks and mauves and purples.'
MRS. ANDREW STEWART, southern garden leader, whose Oak Allée Planta-


MRS. CLAUDE C. HOPKINS

## ion is one of the famous places in

 Louisiana:"My favorite combinations for sumher bouquets are:
"Blue Plumbago with pink Radince Roses. Blue Salvia or Sage with Roses, Jersey Beauty Dahlias with Honeysuckle to give fragrance and add more foliage which is too scant on this Dahlia.
"My mixed Zinnias with Lemon Lilies make gorgeous combinations of

## House \& Garden's bookshelf

My Garden Dreams. By Ernest P. Fewster. Ottawa, Canada: The Graphic Publishers.
$\mathrm{T}_{\text {HE }}$ publishers have collaborated most successfully with the author. The volume is of nice form, of paper and print restful to the eye, relieved by neat and simple marginal illustrations in soft and pleasing green. And the spirit of the entire work is pure and strong and genuinely wholesome and human. The garden is made to dream with its owner. But his dreams are rather reveries, which have their roots back in the past; thoughts of the Crocus expand in ancient Chaldea and of the Mignonette in ancient Egypt, and we live again as members of "whispering groups outside camel-hair tents, with backs to the flaring watch-fires and con the stars that faintly light the shimmering flocks," or "where the air of the fountain was sweet with the scent of Mignonette, while the dripping waters in the Clepsydra marked the hour of midnight and the air was hot and there was a smell of pestilence, for the Passover was about to occur."
There is philosophy too: Nasturtiums tend to grow away from the sunlight and to seek the shady inner side of the porch railing so that the trailers sometimes have to be pushed out and have little stones tied to them to make them grow where they are desired. This goes to prove that the moral faculties of plants, like those of human
beings, are always amenable to reason -if reason be backed up by other things. The saints tie weights to their souls to make them grow heavenward. But if any sinners enter heaven they'll have to keep mum or the saints will have pain in their celestial stomachs and suffer acute melancholia, thinking over the good times they might have committed on earth and yet have won heaven. Indeed the author really prefers flowers with a "dash of the devil in them" to the perpetual go-to-church-and-be-good and prim appearance of such things as Dutch Hyacinths. Flowers, however, are generally more amen able than are human beings; the Phlos of the North American prairies improves under cultivation; but the Indian of the prairies not.
It seems that the great human race is too proud in its parts for any part to accept changes forced upon it by another. Herbs like the Goldenrod, whos old generic name of solidago practically means "to make whole, to heal, have perhaps greater curative powe when they are used in the old-fashioned manner than they do in the form of extracts, for Nature, it scems, knnty best just how to combine the proped chemical constituents in her super and matchless laboratory
But there are several useful obser vations, scattered through ill this poetry and philosophy, on

## TRADE LITERATURE REVIEWS

Each month there will be briefly reviewed here a number of the new brochures, pamphlets and catalogs issued by House \& Garden's advertisers. Address the concerns direct for this literature or indicate by number on the coupon below the material in which you are interested . . . mail it to House \& Garden's Reader Service Bureau, Greenwich, Conn., and we will have these booklets sent to you. Where a nominal payment is mentioned please enclose your remittance in stamps.

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Heating Equipment

1. Everdur Tanks. Folder gives capacities, dimensions and metal thicknesses of Everdur tanks as required for different pressures. The American Brass Company, Waterbury, Conn.
2. Petro Automatic Boiler and Burner. Describing a unit which will burn either or or gas and is mader etroum Heat \& Power ${ }^{\circ}$ Co., Stamford, Conn.

Insulation
3. "Now You Can Blow Year 'Round Comport Into Your Home." An interesting story of J.M "rock wool" insulation
tells how it makes for all year comfort. Johns-Manville, 41st Street \& Madison Avenue, New York City.
House Building, Misc.
4. Hodcson Houses \& Outdoor Equipment. Booklet Y7 contains illustrations of garden furnishings and portable houses. E. F. Hodgson Co., 1108 Commonwealth Ave., Boston, Mass.

GARDENING
Garden Furniture \& Decoration
5. Galloway Pottery, Large selection of decorative terra-cotta garden pieces deway Pottery, 3218 Walnut Street, Philway Pottery,
adelphia, Pa.
6. Pompelan Studoos, A well illustrated. catalog showing stone, marble and bronze garden pieces. Pompeian Studios, 30 East 22nd Street, New York City.
Fences
7. Buppalo Portable Fencing. Booklet ${ }^{85 \mathrm{~F}}$ gives full details on this fencing. Buffalo Wire Works Co., 475 Terrace, Buffalo, N. Y.
8. Prestrying the Charm of Your Howe. Illustrations show estates enclosed
hy various kinds of Stewart fences. The Stewart Iron Works Co., Inc., 803 Stewart Block, Cincinnati, Ohio,

## Insecticides

9. "Garden Ememifs-How to Control. Trex." Describes the importance of Hammond's Slug Shot in killing garden insects. Hammond Paint \& Chemical Co., 3 Ferry
10. How to Khl. Ants and Plant InSECTS. A booklet of helpful information for Kardeners. McLanghlin Gormley King Co.,
Minneapolis, Ming 11 .
11. Ivsects and Their Control. This
book gives a concise book gives a concise account of the various
insects likely to infest incects, likely to infest gardens, flowers,
plants, Slirulss and trees and the insecticides to wee on them. $\$ 2.50$ à copy. Andrew
Wiison, Dent Wilson, Dept. H7, Springfield, N. J.

## Seeds, Bulbs \& Nursery Stock

12. Burpee's Bulb Book. Contains several illustrations and information on Fall planting. W. Atlee Burpee Co., 515 Burpee Bldg., Philadelphia, Pa.
13. Schling's Bulbs. A long list of Spring-fowering bulbs containing brief descriptions and prices. Max Schling Seeds$\underset{\text { mew, }}{\text { menc., Madison Ave. \& }}$ \& 59th Street, w York City

HOUSE FURNISHINGS

## Floor Coverings

14. The Bride's Book of Floor Coverings. This booklet contains intelligent information about the weaves and colors in rugs and carpets. Beneficial to those planning to buy, Alexander Smith \& Sons Carpet Co., Yonkers, N. Y.

## Kitchen Equipment

15. To Modernize Your Kitchen. A booklet on the Bossert Hydrocrat, a new sink made of stainless steel. Explains the several new improvements in design that have been embodied in this sink. The Bossert Co., Domestic Products Division, Utica, New York.
16. The Silent Hostess. A copy of this interesting little magazine is offered free tric Co Electric Refrigeration Dept Sect K7, 1400 Euclid Ave., Cleveland, Ohio.

MISCELLANEOUS

## Boats

17. Boats. Explains how A. C. F. boats will afford you a delightful vacation on he water. American Car \& Foundry Co.,

## Cameras

18. The Lure of Home Movies. Some very interesting information for those who enjoy moving pictures at home. Eastman Kodak Co., Rochester, N. Y.

Name Markers
19. Rustic Name Markers. A folder illustrates seyeral designs in name markers which can be finished to your order. Hathe-way-Patterson Corp., Dept. HG7, 225 Varick St., New York City.

SCHOOLS
20. N. Y. School of Interior Decoration. A general catalog of the courses is offered for those A home study course is offered for those who cannot come to Interior Decoration, 578 Madison Ave., New York City.
21. Book of Private Schools. This book contains descriptive information on the courses and methods of teaching in schools of various types. House \& Garden's School \& Camp Bureau, 1930 Graybar Bldg., New York City.

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