

# What the World Is Doing

AS SEEN BY POPULAR MECHANICS MAGAZINE

## Nine-Story Building Moved by Twelve Horses

Weighing 11,000 tons, an apartment house, nine stories high, was recently



moved by 12 horses. The building was carried by a framework of girders that rested on rollers placed across iron beams which formed a track. Six vertical winches, installed at a distance, were each turned by a pair of horses, and all worked together. The runway was built so level and the motion of the load so even, that no part of the walls was disturbed.

## Trees Dyed Any Color With Chemicals That Cure Wood

Dyeing the trunk and branches of a living tree any desired color, and at the same time curing the lumber, thus eliminating the necessity of seasoning when it is cut into boards, can be accomplished in two days with a process invented by two eastern chemists, they assert. The cost is less than one dollar a tree. Fluids pass through a rubber hose from a tank to holes that are bored in the trunk close to the ground. These colors are absorbed by the tallest tree, giving it the tint of the mixture.

## Plymouth Rock Transported From Canada by Glacier

Examination of Plymouth Rock by a scientist recently has established the fact that it was carried from Canada perhaps 40,000 years ago by one of nature's freight cars, the huge glacier that at one time covered the northern part of the continent with ice. When this huge sheet began to melt and recede, tons of boulders and silt were deposited over New England. Among the huge stones was this historical rock which welcomed the Pilgrims.

## An Amusing Trick

An amusing trick that can be performed with a mirror, two pieces of paper, and a pencil is shown in the illustration. One person is seated at a table and is instructed to draw the figure shown in the upper left-hand corner, first drawing the square and then the cross inside the square. This must be done by looking in a mirror which is held vertically as shown, a piece of paper being used as a shield to prevent the victim from seeing the pencil movements directly.

It will be found rather easy to draw the square, but mysteriously difficult to draw the cross inside. In fact, many people find it absolutely impossible to make the pen-



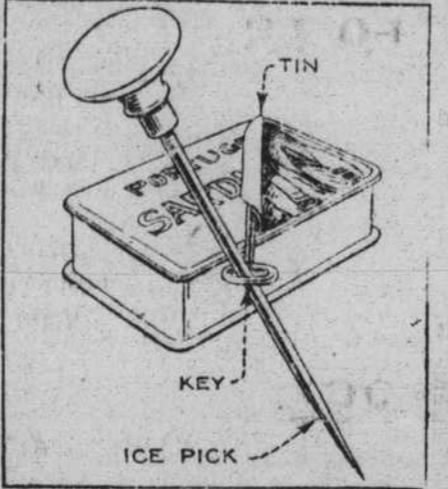
cil start diagonally in the proper direction, and very few can draw a straight line, even when they do make the pencil move in the right direction.

## Notched Wedding Ring Worn to Denote Divorce

Many women in England, who have been divorced from their husbands, continue to wear the wedding ring, but have a fracture cut in it by a jeweler, as an indication of that fact. Those who have parted from more than one husband have notches to indicate the number made in the edge of the gold band, it is said.

## Opening Sardine Tins

Anyone who has opened a sardine tin knows that while it is very easy to roll



back the cover by means of the key until it is in the position shown in the illustration, it requires a very powerful pressure on the key to force the rolled cover past the corner of the tin. If, however, when this point is reached, the point of an ice pick, or similar tool, is inserted through the handle of the key in the manner indicated, a leverage is provided that makes it very easy to strip off the remainder of the cover. This kink will be appreciated by the feminine members of the family, whose fingers are not strong enough to apply the necessary force to the key.

When cranking an automobile engine with an electric starter, throw the clutch out; this allows the starter to turn the engine alone without turning the clutch and the idler-shaft gears, and consequently prolongs the life of the batter-

# It Never Failed Him

Veteran railroad engineer, with 56 years of unbroken service to his credit, declares Tanlac proved equal to emergency and restored his strength and energy when he was badly run down in health.



JOHN F. McWATERS

J. F. McWaters, veteran railroad man, of 447 East Fair St., Atlanta, Ga., who is credited with 56 years' unbroken service as an engineer on the Atlanta & West Point, recently paid high tribute to Tanlac.

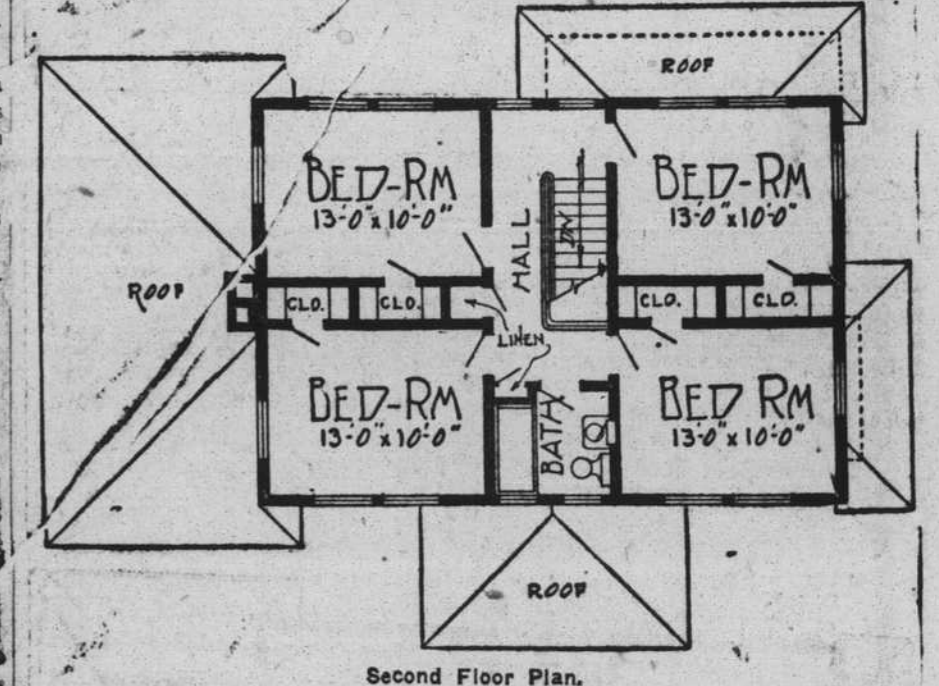
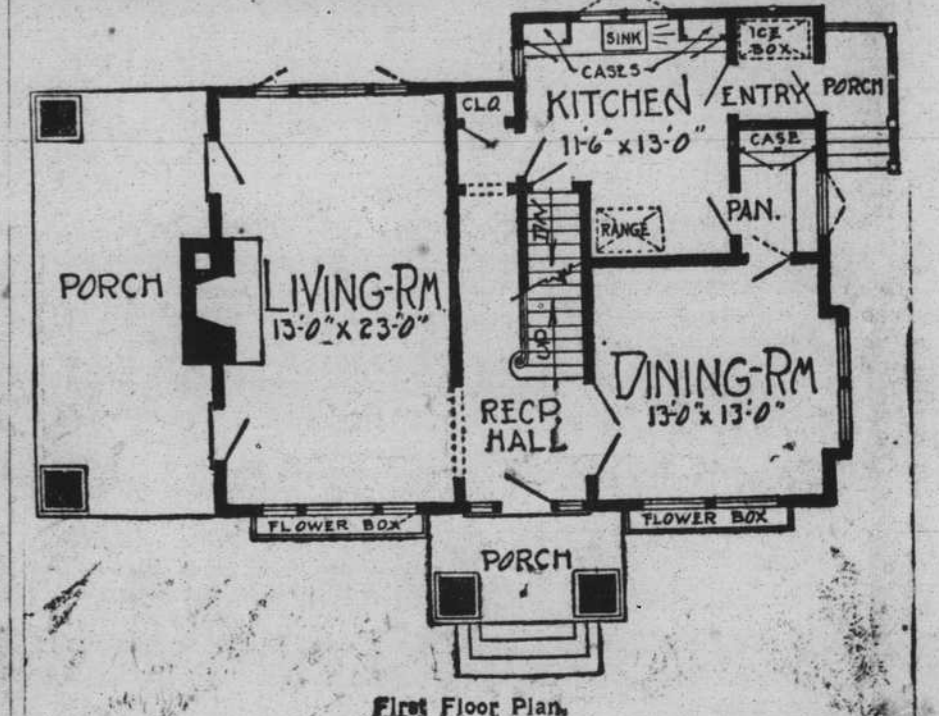
"Several years ago," said Mr. McWaters, "I became so run-down it looked like my chain of service might be broken before I could run out my fifty-year period. However, I resorted to Tanlac to set me right, and Tanlac proved fully equal to the emergency, quickly heading off the trou-

le and bringing my strength and energy right up to normal.

"Since then, when I have felt a little run-down, or 'off my feed', as the railroad boys say, I have taken Tanlac, and it never fails to do the work. I am using Tanlac now as a general tonic, and my health stays 'fine.'"

Tanlac is for sale by all good druggists. Accept no substitute. Over 40 million bottles sold. Take Tanlac Vegetable Pills.

# Western Colonial Two-Story Residence Is an Ideal Home



By WILLIAM A. RADFORD  
Mr. William A. Radford will answer questions and give advice FREE OF COST on all subjects pertaining to the subject of building, for the readers of this paper. On account of his wide experience as Editor, Author and Manufacturer, he is, without doubt, the highest authority on all these subjects. Address all inquiries to William A. Radford, No. 1827 Prairie avenue, Chicago, Ill., and only inclose two-cent stamp for reply.

As the colonial settlers emigrated westward they carried with them some of the good qualities which made them excellent pioneers, and we owe this kind of residence to the ones, who emigrated from New England to the west. The general characteristics of the colonial house underwent a slight change; the eaves were strengthened as a protection from the most insistent western sunlight and also from the winds and storms which swept along the prairies more often and more fiercely than they even did along the New England hills and valleys.

So now we have a house like this, characteristic of the middle states, and to be met with as far west as Oregon. The exterior is of siding, but brick or stucco could be used with equally good results. There are two porches. The front one leads into the reception hall and the one at the side opens out from the living room through long French doors.

The living room occupies almost one whole lower half of the house, with a fireplace so placed as to add to the general attractiveness of the room. Occupying the other half is the kitchen and the dining room. Observe that the spacing of the reception hall is amply large enough for the installation of a handsome staircase. It is very gratifying to note how of late years there has been a resurgence of the staircase as a decorative element in a home interior. It is now possible to secure very fine ones quite reasonably and fully equal in attractiveness and construction to the best of early colonial times when there were staircases whose beauty has remained as a continual inspiration since.

Upstairs are four bedrooms, arranged with bathroom on a central hall. The bathroom has two fair-sized windows, making it a place of light. We have often wondered why the tendency has been to make the bathroom smaller than it ought to be. There used to be an idea that a bathroom required concealment, but in these days of figured glass and cheap curtains a window ought to be provided which would ventilate well and give further ample light to shave by when he hurries to get ready for work of mornings.

The generously dimensioned porches suggest that one might use these, glassed in, for extra rooms. In winter they could be made comfortable by proper provision for heating and in summer the use of made-to-order screens would make them the most preferred rooms of the house.

A dwelling like this gains much by simple landscaping to make the most of its natural advantages. Here the lawn was raised just a bit above the sidewalk level, yet it bases the house, one might say, and sets it off to better advantage.

If finished in wooden siding this house will look well in other colors than white. Yellow body with white trim would be well, so would light green with white trim, or gray with white trim. If finished in stucco, gray or white or cream color would be ideal. It would make a fine brick house, using cream or red brick and having the window and cornice trim white for contrast.

Plan Using Sun's Rays to Cut Down on Fuel  
The orientation of the home for developing and utilizing the heat from the sun's rays is being given considerable thought by the advisory council for scientific research of the Canadian government. A comprehensive series of experiments are being carried out which show a most remarkable possibility for the saving of fuel through proper insulation of the walls and ceiling.

Sun boxes, built to correspond with sunrooms and thoroughly insulated on all sides, excepting that portion exposed to the sun's rays, are fitted with thermometers and a close check kept on the interior and exterior temperatures at different hours of the day. Some of the results are published:

Time	Air	Interior
9:45 a. m.	16	55
10:57 a. m.	20	83
12:52 p. m.	24	114
3:22 p. m.	24	94

A. Floyd Markin, 4061 Warwick avenue, Chicago, is now making an experiment along these lines on a practical scale. A sunroom has been constructed on the southern end of his home, the south and east exposures being inclosed in glass. The balance of the room is insulated by the use of a gypsum product, insulux, which is poured into the space between the studding, four inches under the floor and three inches between the ceiling joists. Mr. Markin says that the room is as warm as though heated by a stove or radiator during the sun hours. He is now arranging to place shutters over the windows in an attempt to retain the heat overnight.

# FEBRUARY SALE

Special Sale on White Goods and linens. Such an assortment of linens as we have never had the pleasure of showing before. white brown and all the newest shades in colored linen.

Special showing this week of the new gingham in all the pretty Spring colors.

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| <b>36 INCH COLD LINEN</b><br>One lot 36 in. warranted all pure linen, colors white, rose, open, brown, linen, orchid, navy, moeba, pink, blue, mignonette and grey. 95c grade special <b>75c</b> | <b>GILBRAE GINGHAMS</b><br>500 yards of Gilbrae gingham, 32 inches wide. Regular price 65c. Special this week <b>39c</b> |
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| Devonshire and Lad Lassie cloths in solids, stripes and checks. Guaranteed fast colors <b>35c and 39c</b>  | One lot of 33 in. bleached dress linen, Special <b>49c</b>   |
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