

What the World Is Doing

As Seen by Popular Mechanics Magazine



Motor-Driven Roller Skates Run on Rough Ground

Propelled by small acetylene or gasoline-burning motors, roller skates devised by a German engineer are said to develop considerable power and will run not only on pavements but on rough surfaces as well. Controls are operated through connections reached with the hands. The engine is built on principles discovered in making small motors for airplanes.

New Steel, Hard Yet Pliant, Takes Razor Edge

Many of the qualities of the celebrated Damascus steel are said to be found in a modern product which an Ohio man has developed by a secret process. He combines iron and carbon in such a way that the resulting steel will bend, keep an edge of razor sharpness, is tough and can be driven through other steels without breaking. A bar of the material, fifteen inches long, was tempered to five different degrees, one end of it being hard enough to cut glass, a section was sharpened like a razor

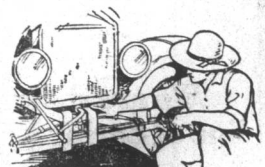
and would cut dry hair without honing or stropping, while other parts in the same bar would cut off a spike under blows of a hammer, would spring or could be bent backward and forward with the thumb and forefinger without breaking. Vanadium is an important element used in the preparation of the steel.

Salmon Travel Hundreds of Miles a Week

That salmon travel amazing distances in short periods is indicated by the journey of one fish which was liberated at the southern end of Nova Scotia last June and was caught less than a month later in the Moisie river, Quebec. Identification was made by means of the silver tag which had been placed in one of the salmon's fins when it was first captured. Its journey was between 800 to 1,200 miles long. By means of the tags, valuable knowledge is being gained as to the habits of salmon and other fish.

Snubbers for Ford Car Made at Home

After he had broken three front springs in one summer, an autoist looked around for a cheap means of preventing further breakage. The remedy he finally devised consisted in riveting snubbers, made from an old belt, around the front axle and



the frame of the car. The belting was of four-ply canvas, 5 in. wide, and was cut in two, overlapping the splines 4 in. The illustration shows the installation clearly.

Mixing Concrete in the Wheelbarrow

A simple and easy method of mixing concrete by hand in a wheelbarrow is shown in the illustration.

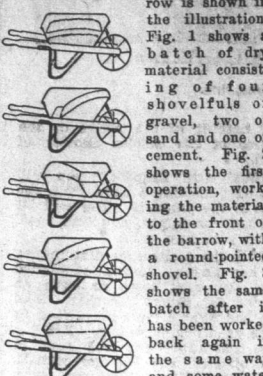


Fig. 1 shows a batch of dry material consisting of four shovelfuls of gravel, two of sand and one of cement. Fig. 2 shows the first operation, working the material to the front of the barrow, with a round-pointed shovel. Fig. 3 shows the same batch after it has been worked back again in the same way and some water has been added. The material is worked to the front again, leaving it in the position shown in Fig. 4, and then again backward. It is now thoroughly mixed and will keep itself in the position shown in Fig. 5. This method has been found entirely satisfactory.

Repairing Leaky Eaves Trough

It sometimes happens that a section of eaves trough rusts through in one place, while the rest of it is still in good condition. This can easily be repaired as follows: Cut a piece of canvas large enough to cover the hole, coat it with tar and press it down over the hole. Then coat the patch with tar on the inner side and let it dry. The trough should, of course, be well cleaned and dried before applying the patch.

(To prevent exposed black pipe from rusting, cover it with a grease made of 1 lb. lard, 1 oz. gum camphor and 1 oz. black lead.

Women Committing Suicide Trying For Boyish Forms

Hettie F. Cattell in New York Mirror. Women are, literally, committing suicide—to get thin.

The mania for the "boyish form" is increasing mortality and disease.

It has become so much of a problem that some of the greatest minds of the medical profession have gathered in New York to devise ways and means to bring women to their senses. It isn't the little flapper, who has been held responsible for all of the foolish fads of the last year, who is to blame for the dilemma in which the physicians find themselves.

It's the middle aged woman, who is old enough to know better.

It's the wealthy woman from 35 to 50, who will spend \$25 a day to go into a gymnasium and be pounded for an hour—until her flesh is black and blue—in order to break the fatty tissues in her obese form, who is the subject of conversation at this gathering of members of the American Medical Association.

It's the woman who, like Gaby Deslys, prefers death to the loss of attractiveness—to men.

Relief Assured. As a result of the two-day conference, presided over by Dr. Wendell

Phillips, president-elect of the association, the fat and the thin women will obtain relief.

The present standard of weights and measures for adults will be revised completely. Safe and effective ways to increase and reduce weight will be evolved. The dangers of overweight and underweight will be known.

But it may be a year before the physicians will have this information for women.

This much could be deduced from the learned talks about fat yesterday.

There will be no attempt by the physicians to bring back the large-busted figures of Florida's sextette days. The "bustless" slouchy form which the commercial artists like to draw and the middle-aged women like to imitate in real life will be listed as sickly.

The well rounded figure of the Fay Laupier type will probably be the ideal female figure: a sort of cross between the "boyish form" and the more than buxom type of the '30s.

If you are overweight or underweight, don't think that you're the only one who has any troubles.

The women who have been swamping beauty columns of the dailies with their requests for diet and exercises for their particular needs aren't the only ones who have recognized that fat is a problem.

Why Is Fat? It was disclosed yesterday that for years physicians have been studying the question, "Why is fat?"

For instance, Dr. Solomon Strouse, of Chicago, told the medical men that he has been experimenting for six years on control of fat deposits in the human body.

And there have been experiments conducted on grayhounds and mastiffs by Dr. A. J. Carlson, of the University of Chicago.

For the first time in history, the fat woman's problem has become a scientific problem. Also the thin woman's problem is now science's.

Credit for the investigation goes to Mrs. William Brown Meloney. After receipt of 20,000 letters from women who wanted to reduce, she appealed to physicians to find that they had no standard of weights and measures except those compiled after the Civil War! So she asked the medical men to help her.

"Just the job we've been after," they told her.

The Metropolitan Life Insurance Company has long considered fat a risk. Same for underweight. Dr.

Louis Lubin said. The overweight dies earlier than the thin person.

Other Snags Found. The physicians are running into snags in their new work. They have learned that heredity, and racial types, and a lot of other things contribute to the problem.

For instance, the New Englander is naturally spare and her Southern sister is naturally fat, and the western girl is husky and broad shouldered and hipped. And their weights must vary accordingly.

A mother can take her infant to a baby health station in New York and have him judged according to height and weight. The time will come soon, the doctors say, when the women will go to their physicians to get the same information about themselves.

And fashion in figures may then go to blazes, or to normality!

Your Food Tells Your Age. Scientists have found after years of observation that in communities or districts where the food is of very limited variety and practically the same every day that the people lose the appearance of youth much more quickly than in those where they vary their diet and use plenty of fruit or other vegetable products.

According to one authority women are most affected. "Judged by ordinary standards," he says, "girls of twenty-two or twenty-three would be taken for thirty or more and women of forty look as old as those of fifty-five or sixty."

The necessity of fruit with its gentle acids and vitamins and its easy digestibility is now recognized the world over as the easiest, pleasiest and most efficient variant of the diet, varying the fruits with the season so that none of them falls on the appetite.

Of all the fruits available in the temperature zone, the apple and the orange are the ones which can be used daily and several times a day without cloying the appetite. This is due to the acid of the fruits which prevents the cloying effect of some of the sweeter and less acid fruits.

With the variety in diet produced by a liberal use of fruit each day comes the conservation of human energy. The energy wasted in digesting a heavy and unvaried diet wastes the human body and brings on premature aging. The acid of fruit are useful in helping to repair the wastes and carry off waste matter of

the body. They furnish sweets needed in every diet in the most palatable form.

What it Means When We Patronize Bootleggers. The Progressive Farmer.

The first thing to think about is personal influence. All of us have influence. Even the poorest and most ignorant man has it. There is the influence of example, of fashion, of custom. Let a man or boy find that you drink and neighbors A and neighbor B drink and neighbor C, and he decides that drinking is the normal thing. Let a man or boy find that you refuse to drink and it sets him wondering if he should not refuse also. There are those who drink and those who do not. You have one vote to cast, one man's influence to throw in the balance, for one side or the other. Which side deserves it most?

Then there is influence of financial patronage or support. This is always important. Not a bootlegger would be in business today if somebody didn't make it to his financial interest to do so. Every time you order a quart of whiskey, you add strength, life, encouragement, stimulation to the bootlegging business.

And what is bootlegging business doing? It is such young men as the one found dead in his car yesterday morning. No doubt he was once the pride of a fond farm mother but today they are burying his body and her hopes in a disgrace that not even death can dignify, nor are girls even exempt. On our table is a letter from a man in another state asking where a young girl who has brought shame to her family and blighted all her future can be sent—and no doubt in the vast majority of such cases it is the detraction of reason and prudence through "taking a drink" that starts the tragedy.

There are of course, extreme instances. But all of us can think of other boys such as the one we recall at this moment—a lovable, winning fellow, with fine qualities of mind and heart who should by now have had a distinguished career and the happiness of a home, but drinking has defeated all the high hopes of his family and his friends. And all of us can think of women such as one we recall now—of fine family and fine character, but whose life is a tragedy because of what whiskey

has done to the man she trusted.

Every time we patronize the bootlegging business, we help support, nurture, strengthen and protect an institution that is even now preparing to take some boy, maybe your boy or your neighbor's boy and carry him to such a death as the poor fellow who died in his car yesterday morning. Every time you buy a quart of whiskey you throw your influence and your support to an institution which is destined to take some girl—maybe your girl or some neighbor's girl—and make her life a tragedy for her and a heartbreak for her parents.

Post and Flag's Cotton Letter. New York, Feb. 24.—The market continued dull and quiet. Sentiment is still very bearish but the market shows resistance to pressure. Short covering continues in March and there is a persistent demand for new crop months.

Wall Street has been a heavy seller in sympathy with a weak stock market. There is some talk around that when March contracts are out of the way there will be a loosening up in spot circles in the south. If so, prices will undoubtedly sag somewhat.

The trade still continues to absorb cotton on setbacks and we feel that they are prepared to take all offerings from the south should they appear. We continue to favor purchases of new crop months on all weak spots. POST AND FLAG.

The superintendent of construction of a large building received the following note from his foreman:

"I'm sending in the accident report on Casey's foot when he struck it with the pick. Now, under 'Remarks,' do you want mine or Casey's?"

The school teacher, in trying to explain the meaning of the word "slowly," illustrated it by walking across the floor.

When she asked the class to tell her how she walked, she nearly fainted when little Mabel shouted "Bow-legged."

Professor—Can you prove that the square of the hypotenuse is equal to the sum of the squares of the two sides of this triangle?

Student—I don't have to prove it. I admit it.

ACHING JOINTS, RHEUMATIC PAIN

"Heet" Relieves Instantly

With applicator attached to cork, just brush "Heet" over the pain area, whether in knees, feet, legs, hands, shoulders, back, neck or body. Instantly, you feel this harmless, glorious, penetrating heat draw the pain, soreness and stiffness right out of the aching or swollen joint, muscle or neuritis-ridden nerve. Besides, "Heet" scatters the congestion and establishes a cure.

"Heet" contains two soothing, penetrating ingredients, too expensive to use in ordinary liniments or analgesics. "Heet" is a clean, pleasant liquid; doesn't stain, blister or irritate the skin and costs only 50 cents at any drug store.

Do not use "Heet" on open sores, burns, frostbite, or other damaged skin.

ALL OUT OF ORDER. Was This General Woman Who Told Her Experience.

All too often women accept their pains and aches as natural to their sex. They fail to realize that weak kidneys are often to blame for that backache, those headaches, dizzy spells and that tired, depressed feeling. Thousands have found new health and strength by helping the weakened kidneys with Doan's Pills—a stimulant diuretic. This Concord case is one of many.

Mrs. C. L. Misenheimer, 166 E. Depot St., says: "My kidneys were awfully weak and acted irregularly. My back ached so badly I could hardly straighten up. Dizzy, nervous headaches made my condition worse. Doan's Pills, from Gibson's Drug Store, strengthened my back and relieved the pains. The headaches didn't trouble me and my kidneys acted regularly."

50c. at all dealers. Postpaid, 60c. Mrs. Buffalo, N. Y.

Do not use "Heet" on open sores, burns, frostbite, or other damaged skin.

BILIOUS ATTACKS

From Which Kentucky Man Suffered Two or Three Times a Month, Relieved by Black-Draught.

Lawrenceburg, Ky.—Mr. J. P. Nevins, a local coal dealer and farmer, about two years ago learned of the value of Theford's Black-Draught liver medicine, and now he says:

"Until then I suffered with severe bilious attacks that came on two or three times each month. I would get nauseated. I would have dizziness and couldn't work. I would take pills until I was worn-out with them. I didn't seem to get relief. After taking the pills my bowels would act a couple or three times, then I would be very constipated."

"A neighbor told me of Black-Draught and I began its use. I never have found so much relief as it gave me. I would not be without it for anything."

"It seemed to cleanse my whole system and make me feel like new. I would take a few doses—get rid of the bile and have my usual clear head, feel full of pep and could do twice the work."

One cent a dose. • NC-161

Theford's BLACK-DRAUGHT LIVER MEDICINE

Important Price Policy for HUDSON-ESSEX

We Discontinue F. O. B. Factory Prices and Announce "At-Your-Door" Prices

Effective February 15, These Cars Will Be Priced to Include Freight, War Tax and Equipment. No Charge Will Be Added for Handling. There Will Be Nothing Else to Pay. Remember these are NOT F. O. B. Factory Prices, but the DELIVERED Prices at Your DOOR

The Price You Pay to Drive Away

All Cars Are Complete with the Following Equipment: Bumper Front and Rear... Electric Windshield Cleaner... Rear View Mirror... Transmission Lock (Built In)... Radiator Shutters Moto-Meter... Combination Stop and Tail Light

Hudson Super-Six

COACH - - - \$1370
Brougham - - - 1630
Sedan - - - - - 1825

Essex Six Coach '920

Convenient and Easy Purchase Terms For Those Who Desire

Concord Motor Co.

Hudson is World's Largest Builder of "Sixes" and Third Largest Builder of Motor Cars

Doan's Pills are sold everywhere in tidy red tins, pound and half-pound tin tins, and pound crystal-glass tins with sponge-moistener top. And always with every bit of bile and dirt removed by the Prince Albert process.

