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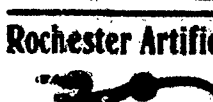
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The Best Remedy
Jackson's Cough Syrup 25c
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Prescription Druggist
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Boiler and Tank Makers
General Boiler Repairs
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Furniture, Baggage, Freight and Piano MOVERS
Auto Truck Service for Out of Town
26 1-2 Elm Street

IN THE WORLD OF SPORT

Ty Cobb, American League's Heavy Hitter.

Photo by American Press Association.

Ty Cobb of the Detroit Tigers is playing faster ball this season than ever before in his career. He is at the top of the list as a batter and as to base stealing he is in a class by himself. This season Ty Cobb alone has stolen more bases than Doyle, Merkle, Fletcher, Lobert, Burns, Snodgrass and Meyers, of the New York Giants, combined. And not so long ago the Giants were noted for their speed on the paths. And when one can outrange eight men there must be as much of a lapse on one side as there is greatness on the other. Cobb has stolen forty bases so far, and the eight Giants named have stolen thirty-six.

"Cobb," says a sporting writer, "could never steal as many bases in the National league as he is getting away with in his own circuit."

Perhaps not. And then again, perhaps yes. A stolen base to Cobb is merely a matter of traveling ninety feet. There may be a slight advantage, but no great edge with Archer, Bresnahan, Snyder, Gowdy, Meyers, Killifer, Doolan, etc., throwing against Schalk, Schang, Agnew, Cady, Ainsmith, McKee and others.

Flight of a Golf Ball.

Have you ever seen a test of the flight of a golf ball thrown by hand? If not, it may be surprising to know that it is almost impossible to throw a golf ball to carry 100 yards, and yet this flight is very easy with a mashie, writes A. W. Tillinghast in the Philadelphia Record. Some years ago, during the visit of the Oxford-Cambridge college team at Nassau a trial of throwing golf balls was made. John Lowe, captain of the visiting team, wagered that none could throw a ball across the pond which was in front of the then seventeenth green. The hole itself was one demanding a simple mashie or short iron, and yet no one succeeded in throwing the ball across the water, the carry of which was considerably less than 100 yards. It would have been quite posible to have thrown a stone across, but with the golf ball it was different, for it persisted in ducking in its flight. It is possible that a professional baseball player might succeed in covering 100 yards with the flight of a thrown golf ball, but it is an experiment which would be well worth watching.

A Great Shot Putter.

Larry Whitney, the intercollegiate champion at putting the shot, has signed a contract to coach the Penn State football team and therefore became a professional automatically.

Whitney is perhaps the most remarkable shot putter of his weight ever developed in this country. Despite the fact that he weighed just a few pounds more than half of what Ralph Rose and Pat McDonald did at the Olympic games at Stockholm three years ago, Larry "stuck" with the giants in the weight tossing event and finished a good third. About one year later Whitney surprised the athletic world by trimming McDonald at the national championships at Chicago.

Boxing in Minnesota.

The Minnesota boxing commission has taken a stand as to the number of clubs that will be permitted to operate in that state. The commission has decided that one club in each of the three cities—Minneapolis, St. Paul and Duluth—will be sufficient and if this can be carried out without any great kick, it will be a good thing for the game.

The commission has already passed upon the scale of weights, as follows: Paper, 108 pounds; bantam, 115; feather, 125; lightweight, 135; welterweight, 145; middleweight, 158; light heavy, 175, and heavyweight, over 175 pounds.

New Homing Record.

A new world's record for flight by homing pigeons has been claimed by the Fort Worth (Tex.) Pigeon Fanciers' association. Four birds liberated at New Orleans covered the 670 miles to Fort Worth in 14 hours, maintaining an average of forty-one miles an hour, several miles faster than the best previous record.

POPULAR MECHANICS

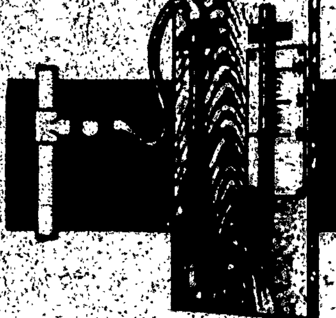
Ozonized Water.

In sterilizing water by ozone it is necessary to bring it into intimate contact with the gas. To do this a closed iron tower is provided which is partly filled with glass balls. The water to be sterilized is brought into the upper part of the tower at a pressure of about three atmospheres. It is then atomized and falls in a fine spray upon the glass balls, where it spreads in a thin film over their surfaces and drops through the interstices to a tank at the bottom of the tower. [illegible] is effected by a counter stream of ozonized air. The ozone attacks the germs of the water [illegible] as soon as they come in contact with it and sterilizes the water thoroughly. After having passed through the water at the bottom of the tank the ozonized air next comes into intimate contact with the film of water flowing over the glass balls and the fine spray from the atomizer. An automatic valve is provided for cutting off the water in the event of the ozone failing through breakdown of the electric supply or any other cause. In this way the danger of any unozonized water passing out to the distributing pipes is obviated. The plant is automatic throughout and is arranged to insure absolute sterilization. The electric energy required is only one kilowatt hour per thousand gallons of water treated.—Engineering Magazine.

Homemade Steam Gauge.

In running a small steam engine in my shop on the first floor I found it took a great deal of time to run down into the basement every few minutes and look at the gauge on the boiler, writes a correspondent of Popular Mechanics. With the aid of two chains attached to the damper and running up through the floor I was able to keep the pressure uniform by means of the gauge shown.

A U shaped tube was filled with mercury to within about four inches of



IMPROVISED GAUGE.

the top and one end was connected to the steam pipe with a piece of rubber tubing, with a petcock in the line. After fastening this to the wall with leather straps I tacked a card beneath the free arm and drew a line upon it at the level of the mercury. I then raised the pressure in the boiler and for every pound on the gauge I made a mark on the card at the new level of the mercury. As the pressure never exceeded ten pounds the improvised gauge served the purpose fully as well as an expensive one.

New Casting Process.

A newly invented process for casting volatilizable metals, such as brass, is intended mainly for making cast joints between the rods and tubes used in making such metal structures as bedsteads and for making and permanently attaching the usual ornamental knobs, says Popular Mechanics. With this process blowholes and other defects due to gases in the mold are done away with. The mold used is an ordinary two part hinged mold with recesses in each half for the poured metal, and the feature of the invention is a vent for the gases that is separate and distinct from the channel for pouring the molten metal. In using the mold the molten metal is practically dashed into place, with the result that the volatile portions of the metal are formed into bubbles that escape quickly through the vent.

When the Engine Pounds.

Sometimes an auto engine known to be in good shape in so far as the connecting rod brasses are concerned will pound on climbing a grade, even with the spark retarded. The engine gives all the symptoms of having loose connecting rods or brasses. Try giving it a little more gasoline and you will lose the pound, usually.

The Driving Pinion.

A car owner broke up three master gears before he discovered that a slight imperfection in a casting prevented the proper adjustment of the distance between the master gear and the driving pinion. Always make sure that the driving pinion meshes snugly with the master gear, but not so tight as to roar when the gears are turned.

When Brakes Squeak.

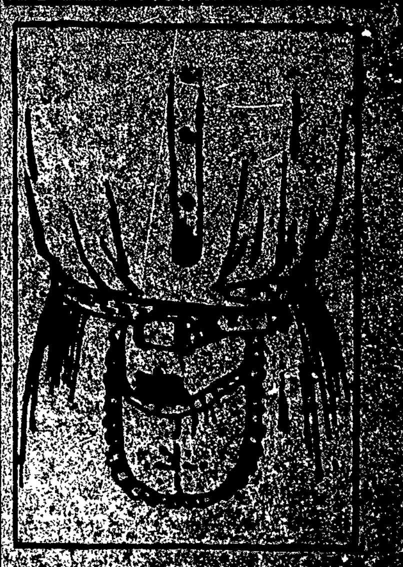
Oil is not the thing for brake linings. It only softens the fabric and causes it to cut and tear away. If your brakes are squeaking mix up a thick paste of grease and graphite—mostly graphite—and spread a little of it between the brake band and the brake drum.

Hardness of Tantalum.

Efforts to drill a hole in a sheet of tantalum, one-twenty-fifth inch thick, with a diamond drill revolving at 5,000 revolutions per minute resulted, after seventy-two hours' continuous work, in wearing out the diamond and denting the metal.

HELPFUL HINTS FOR HOUSEWIVES

Crocheted Bag [illegible] Supported at Waist.



[illegible]

Corn [illegible]

Cut the corn from [illegible] ears and put it through [illegible] per with a small green pepper and two hard cooked eggs [illegible] cupful of [illegible] per and enough [illegible] so that the mixture can be [illegible]. Mold into cutlet form [illegible] when cold, then in [illegible] again and fry in hot lard. [illegible] cream adds to the attractiveness of the dish. This is most appetizing, nutritious and may be served as a [illegible] meat at dinner.—Country Gentleman.

Cherry Tapioca.

Cover one cupful of pearl tapioca with cold water and let stand all night. The first thing in the morning put it in your double boiler and add one pint of boiling water; let it cook until clear, then add the juice of one lemon, one-half cupful of sugar and one bowl of stoned cherries. Pour into a mold and set on ice until very cold. When ready to serve unmold and serve with whipped cream flavored with lemon extract.

Roasted Cucumbers.

Peel and cut a strip from one side of each cucumber and remove the seeds. Fill the cavity with a dressing made of stale breadcrumbs, a bit of salt pork or cold chicken or veal if it is in the house, a little savory and chopped parsley and an egg to moisten. Replace the piece that was cut from the side, cover it with bacon and bake three-quarters of an hour.—Country Gentleman.

Smelling Salts.

To make smelling salts procure an ounce of rock volatile and break it into small [illegible]. Put it into the bottle and then cover it with eau de cologne. Let it stand for a few days and it is ready for use.