

# In the Auto World

## Newest Notes Of Science

California has 130 mountain peaks more than 13,000 feet high.

In about fifteen years Argentina has trebled its area of cultivated land.

A patent for a non-alcoholic beer has been granted by a Minneapolis inventor.

More than 48,000,000 acres of cultivated land in India are under irrigation.

The ant, in proportion to its size, has the largest brain of any living creature.

German metallurgists have brought out a substitute for tinfall that is made of zinc.

Baby coaches can be made to serve as cradles by the invention of detachable rockers.

Telescopic spectacles have been invented in Europe for extremely near-sighted persons.

A tool has been invented for prying off tight fitting milk cans, tops without denting them.

A gasoline road roller has been invented that gives its driver an unobstructed view of his work.

A new convenience for women's use is a bracket to hold a hand mirror upright on a dressing table.

The same steam engine has been pumping water out of an English coal mine for more than a century.

A whistle that can be strapped to a wrist like a watch is the invention of a California policeman.

The world's largest artificial harbor, 766 acres in area and 23 feet deep, is planned for Rotterdam.

To keep doors closed a spring has been invented that can be attached to almost any hinge without tools.

Spain is to have one of the finest dry-docks in Europe, capable of admitting vessels up to 30,000 tons.

The United States had 533,880 acres in sugar cane this year, about 12 per cent. more than ten years ago.

Alcohol is vaporized by air pressure and burned in an incandescent mantle in a new automobile headlight.

A new German electrical heating unit is made of fine resistance wires woven across pure asbestos threads.

The bottom, sides and supporting bars of a new wheelbarrow can be extended to double its carrying capacity.

An Englishman has invented a collapsible lifeboat with a rubber skin that automatically closes punctures.

According to government figures the number of hens in Holland has decreased from 8,000,000 to 3,000,000 in two years.

For household use a steam cooker has been invented that blows an alarm whistle fifteen minutes before its water boils away.

Iceland is planning to combine salt production with contemplated electric power stations and with mining and smelting of iron.

A self-feeding attachment supplies the oil in whatever quantity desired to a sprayer that has been invented for oiling floors.

Reforestation experiments by British experts in China have led to the establishment of a forestry course in a Chinese university.

Mounted on the handle of a new typewriter cleaning brush is an oil can from which oil can be forced directly into the bristles.

England is believed to have the largest electrical hatching plant in the world, having an average output of 8,000 chickens a week.

To aid in shooting at night an electric flashlight which can be attached to the under side of an automatic pistol has been patented.

The wireless station at Carnarvon, Wales, has succeeded in sending messages clearly to Sydney, Australia, a distance of 12,000 miles.

An adjustable cup for golf greens has been invented that can be kept exactly level with surrounding ground to exclude water and debris.

Trousers have been invented in Europe into which wires are inserted to keep out-of-doors workers warm in cold weather with electricity.

An inventor has patented a device that enables eggs, apples or potatoes to be baked over open fires without danger of burning or breaking.

According to an Italian scientist, the signals which the nerves carry to the brain and from the brain to the muscles are chemical in nature.

Now in the line of railroad tools is a motor section car which carries rail-drilling equipment that is operated by the car's own power plant.

Copenhagen engineers are experimenting with the production of tur-

pentine from fir trees, the roots and twigs being used as well as the trunks.

An Illinois inventor has perfected a telescoping mast for radio work that is carried on a motor truck and quickly elevated by compressed air.

A car carrying two members of a rescue crew, who propel it by bicycle gearing as it runs on a mine railway track, has been invented in Europe.

Operated by a float and spring, an alarm bell has been invented by a Missourian to give warning when gasoline runs low in an automobile tank.

A London expert in wireless telegraphy claims to receive radio messages from points as far distant as Paris with the frame of an iron bedstead.

There were 75,288,851 tons of iron ore mined in the United States last year, exceeding all previous records; 25 states figured in the production.

To prevent stone buildings absorbing dampness from the ground a European practice is to cut slots in the walls and insert asphalt coated lead plates.

A new instantaneous hose coupling is operated by pushing or pulling knurled sliding sleeves which join or separate level locking jaws.

Though the coal mined in Angola of itself is a poor fuel, South African chemists have found that oil and its products can be obtained from it.

Both the transmitter and receiver of a telephone invented by a Frenchman can be hidden in a flower vase, table ornament or other inconspicuous object.

A smokehouse for meats built of concrete slabs and supplied with smoke through an underground duct from a fire some distance away is an Iowa's idea.

An inventor has combined a rack and triangle for pool balls in such a way that the balls are placed in proper position on a table as the device is opened.

Refrigerator trucks of twelve-ton capacity, hauled by motor tractors, have been placed in service by a Chicago packing company for local deliveries of fresh meats.

A new European wood preservative against moisture and heat consists of copper and zinc dissolved in ammonia, to which a small proportion of benzol has been added.

For hanging pictures a pin with points at both ends has been invented, one point being driven into a wall, after which the picture frame is pressed against the other.

Why Distilled Water For Storage Batteries

Putting ordinary water in a battery is a good deal like putting dirty ice in a refrigerator. Once or twice may do no harm, but the trouble piles up, and everything happens at once.

When a storage battery is built it has in it all the elements necessary to insure satisfactory operation. Nothing can get out of it except the water that evaporates, and nothing can get into it unless it is contained in some form in the water that you add.

If the water that you put in every week or so to make up for the amount that evaporates contains ever so little iron in any form or other substance, this will remain in the battery. A little more is put in each time, and soon there is enough to interfere with proper action; and your battery wears out much more rapidly than it should.

If distilled water only is added there is no chance of foreign substances working their way in, and consequently the battery plates will give better and longer service.

Worth Remembering.

What no one excuses a cordial invitation that isn't meant.

The history of window glass making has no authentic beginning.

The Nubian crocodile is reported to be the most vicious of its species.

Advice is like castor oil: it is one thing to prescribe and another to take it.

Australia has an average population of two persons to the square mile.

It is just 100 years since the manufacture of quinine was begun in Philadelphia.

An abbey is really a self-governed monastery of no fewer than 12 nuns or monks.

But we have to confess that we don't always recognize good luck when we do meet it.

It's a pity that we can't keep our good resolutions by placing them in cold storage.

Every man likes to hear a wise woman—because she always talks to him about himself.

Don't crowd. It might prove uncomfortable if some one else should forget to be polite.

A man put a woman's head on the silver dollar, and now women are trying to get their hands on it.

Profane Comment.

Senator Elkins' reported decision to do the honors for the pages reminds many senate attaches of the deep interest his father, Senator Stephen B. Elkins, took in the young men employed around the senate, frequently making it a point to ask individuals about how they were getting along.

One day this Senator Elkins met a young senate employee who had attracted his attention before.

"Well," he said, "how are you getting along, young man? Are you doing anything for yourself outside your work here?"

"Oh, yes," replied the young fellow, "I'm studying for the ministry."

"The h—l you are," said the astounded senator.—Exchange.

## THE PORCUPINE BOOT

USE THE PORCUPINE BOOT FOR BLOW OUTS

You can put it on in a minute, making a permanent repair that will give you the same service as a whole tire. 500 miles guaranteed. The Porcupine Boot will save vulcanizing charges and the expense of new tires. Carry one in your kit always. Your dealer has it. PORCUPINE SALES CORPORATION, Limited W. L. Henton, Distributors Hamilton, Ontario.

## Separators or Insulators

Ordinary separators are a natural product and therefore, are never strictly uniform. They are made of thin sheets of chemically treated wood.

Threaded Rubber Insulators are a manufactured product and therefore, absolutely uniform. They allow uniform circulation of battery solution, give uniform protection to the battery plates and uniform satisfaction to the user.

Threaded Rubber Insulators do not warp, crack, check, carbonize or puncture. They put an end to loss of time, temper, battery rental and money that are inevitable when ordinary separators are used. Threaded Rubber Insulators are found only in the Willard Threaded Rubber Battery. You can recognize it easily by the Threaded Rubber Trade-Mark stamped in red on one side of the battery case.

WILLARD STORAGE BATTERY COMPANY OF CANADA, Limited  
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Go to your nearest dealer for Willard Service or a new Willard Threaded Rubber Battery:

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Kingston, I. Lesse  
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# Willard STORAGE BATTERY COMPANY of Canada LIMITED



Anyway, the United States supreme court never will go into trouble or court over the speed limit. Approximately 30,000 persons were accidentally killed in the United States in 1919.

## Cylinders Reground



Worn or Scored  
Cylinders  
Repaired

Cylinders ground and fitted with oversize Pistons and Rings. Piston Pins if necessary. Prices on Application.

## Automotive Grinders

R. M. CAMPBELL,  
Corner of Queen and Wellington Streets.

## Hot Weather Is Automobile Weather

We have a few used cars left and we are going to sell them this week. Prices have been slashed and we expect to have a great turnover of used cars this week.

We guarantee every used car sold by us to be in good running order, and we have not had a dissatisfied customer this summer, and do not intend to have.

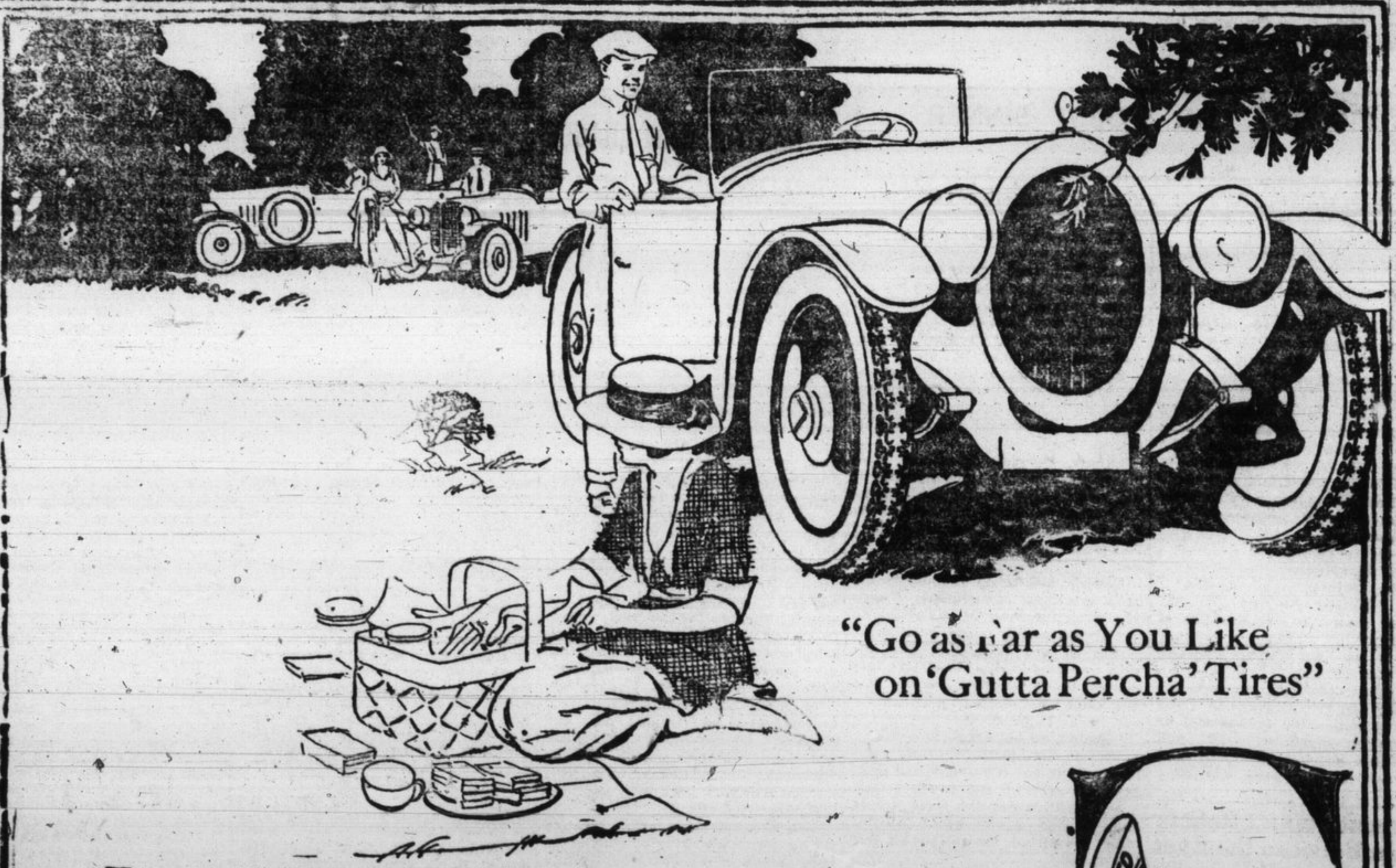
We are building for the future, and we know that if you are pleased with the treatment we give you in selling you a used car, that there is a good prospect for future business in a new McLaughlin Car with you.

McLAUGHLIN MADE IN CANADA MOTOR CAR  
Canada's Standard Car.

## Blue Garages, Limited

Thos. B. Angrove, Manager.  
CORNER QUEEN AND BAGOT STREETS. PHONE 567.

Many times you and I can keep out of the witness box by not knowing too much about the affairs of our neighbors. We are all human. Even a minister will generally stop when he sees a dog fight, and if really a good minister, takes sides with the under dog.



"Go as far as You Like  
on 'Gutta Percha' Tires"

## Make Every Picnic a Success -

WHAT Fun is a Picnic if you have to stop in the dusty road to fix a tire? There is one Tire that "stands up" continuously — without a murmur or a show of weakness. It is built to keep running — to "go as far as you like" — and bring you back again. There's no "death's head" at the feast when you go picnicking on "Gutta Percha" Tires. They are an assurance of a jolly trip with no mishaps. When you buy a Tire make it a point to ask for a "Gutta Percha" — Cord or Fabric — each the best of its kind.

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