

In the Auto World

Newest Notes Of Science

A Nebraska inventor's counter-balanced gate swings vertically instead of horizontally.

Electricity obtained from nearby waterfalls heats several Swiss churches economically.

A toothbrush so shaped as to reach both surfaces of the teeth as once has been patented.

The first American linotype machine in Tripoli has been installed by an Italian newspaper.

When a set time expires a new telephone meter cuts out the instrument to which it is attached.

Petroleum production in British Guiana has reached a stage whereby actual shipment of oil has been begun.

Siamese natives obtain petrol from the earth by digging pits about 60 feet deep and dipping it out with pails.

A body has been designed for physicians' light automobiles by which they can be quickly converted into ambulances.

Japan has found valuable deposits of coal on an island in Nagasaki harbor and close to its Saigo naval station.

Flexible tips feature new umbrellas which their inventor claims will prevent an umbrella being blown inside out.

A Swedish inventor claims to have satisfactorily applied electric power to tractors and other mobile farm machinery.

Patents have been granted for a three-pointed hair pin, protuberances on the centre point holding it in place in hair.

A French scientist has developed a method for chemically treating soiled absorbent cotton so that it can be used again.

To sharpen lead pencils evenly a machine has been invented in which they are held while a knife is drawn along their points.

Siam's telephone service is owned and operated by the government and Bangkok, the capital, is the only city with an exchange.

A recently patented reclining chair which also can be used as a couch is so light that when folded it can be carried under one arm.

Locust eggs, treated with sulphuric acid and lime, are used as fertilizer in Mediterranean countries where the insects are numerous.

For use on marshy ground an inventor has patented a wooden track for automobiles, made in sections that can be quickly laid and joined.

Bavaria will undertake the production of aluminum from native clay to replace the bauxite it formerly imported from France and Dalmatia.

For mines using electric haulage a door opening motor and safety signal, operated by the drivers of mine locomotives, has been invented.

Europe and Africa are the only continents that have more women than men and the reverse was the case in Africa until within recent years.

A fireplace grate made of tubing, through which water can be circulated to distribute heat about a room, has been patented to an inventor.

By experimenting with bananas a Mexican government bureau has produced flour, starch, vinegar, alcohol, textile fibers, paper and cardboard.

Much secrecy surrounds a new high-speed telegraph apparatus which, in actual tests, has transmitted 6,000 words a minute over a single ground-wire.

There has been a steady increase in the annual per capita consumption of tobacco in France for several years until now it is in excess of 52 ounces.

The American Society for Testing Materials has classified knots in timber as round or spike in form and as sound, encased, loose and unsound in quality.

A process has been patented in Great Britain for the distillation of peat for the production of coke, fuel oil, toluol, ammonia, paraffine and acetone.

Aeroplane suspended from overhead tracks that make them imitate almost all the motions of free machines form an amusement park device recently patented.

A helmet of English invention for motorcyclists has two large celluloid panels that form a wedge in front, while the remainder is formed of loosely woven wire mesh.

For open air sleepers a bed has been invented that is mounted on a

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track built into a window, its occupants dressing for sleep indoors and then being rolled outside.

Danish oil mills are experimenting with raising sunflowers with a view to making an oil useful in margarine from their seeds and cattle-feed from the residue after pressing.

A recently patented portable motor-driven wrench for factory use is almost completely automatic in operation, a switch-cutting off the current when a nut has been tightened.

According to a French physician who made an extended research, the use of tobacco is harmful only under certain conditions and it is a valuable tonic and germicide when properly used.

Springs feature new fasteners for automobile license plates to prevent their loss and the annoyance of loose bolts rattling.

An international sanitary conference to be participated in by all American countries, will be held at Montevideo in December.

Norway has begun the collection of potash from the dust caused by the manufacture of Portland cement, using an electrical process.

With an electric motor mounted directly on the saw shaft a work bench has been invented with which sawing can be done at any angle.

An English inventor's cigarette case resembles an automatic pistol, ejecting a cigarette from the muzzle when the trigger is pulled.

Still a good time keeper, what is believed to be the oldest clock in America, having been made in 1792, has been discovered in Atlanta.

Work is to be resumed in the old copper mines of Finland, which were discovered in 1757 and operated in a primitive manner for 130 years.

Young plants thrive better, according to a French botanist, if fed drops of water almost continuously than if watered copiously at intervals.

By slight rearrangements, a woman's costume designed by a New York modiste can be worn as a negligee, house dress, street suit or afternoon gown.

It has been demonstrated by a French scientist that ocean depths can be determined and the character of the bottom ascertained by photography from aeroplanes.

With headquarters at the University of Virginia a society of amateur astronomers has been formed to cooperate with professionals in observations of the skies.

All the odors of cooking are carried off into a chimney from a range invented in Paris, which is enclosed with glass doors on the principle of the chemist's draft closet.

A hand saw operating horizontally and being fed into its work by its own weight has been invented for cutting metals and is said to be more rapid than a reciprocating saw.

The Holland government is making efforts to increase the domestic production of edible oils by making full use of the beechnut crop, which exceeds 2,000 metric tons annually.

A recently invented coupling for connecting water heaters to galvanizing iron tanks is equipped with spring controlled lugs that expand after insertion through a hole drilled in the boiler.

Instead of an inner tube a new punctureless automobile tire has a removable rubber core that is solid, except for cup-shaped air spaces at each side to afford resiliency.

To enable automobile owners to identify their cars at night, a system of electric light signals, capable of limitless color combinations, which may be raised from car roofs, has been invented.

Experts in the employ of the government of Brazil believe that country can utilize its own coal by using gas producers in connection with stationary engines and briquetting it for locomotives.

A woman is the patentee of a telephone in which the receiver and transmitter are enclosed within a horn so that it can be used several inches away from a person's face without holding in the hand.

Electricity is generated by a windmill so successfully at a German technical school that it is estimated that a similar plant could supply light and water for 100 persons at a cost of \$125 a year.

The head of a new toothbrush is so shaped that both sides of the teeth are reached at once, while the handle is hollow so that washes or lotions can be sprayed to the bristles with a rubber bulb.

To keep an aviator's hands warm an Englishman has invented a glove into which are woven wires that are heated by electricity obtained through contact points on the steering wheel of an aeroplane.

To aid in the capture of automobile thieves, a Los Angeles man has invented a clamp to be locked about a tire which makes a loud noise each time it strikes a pavement and leaves an easily followed trail.

An ice cream freezer of English invention in which ice and salt are packed in a cylinder that revolves inside the cream delivers its product in a continuous stream half a minute after a crank is turned.

A New Jersey plant for thawing frozen coal in cars has obtained better results by blowing hot air against the sides and bottoms of the cars than by injecting live steam through pipes into the coal itself.

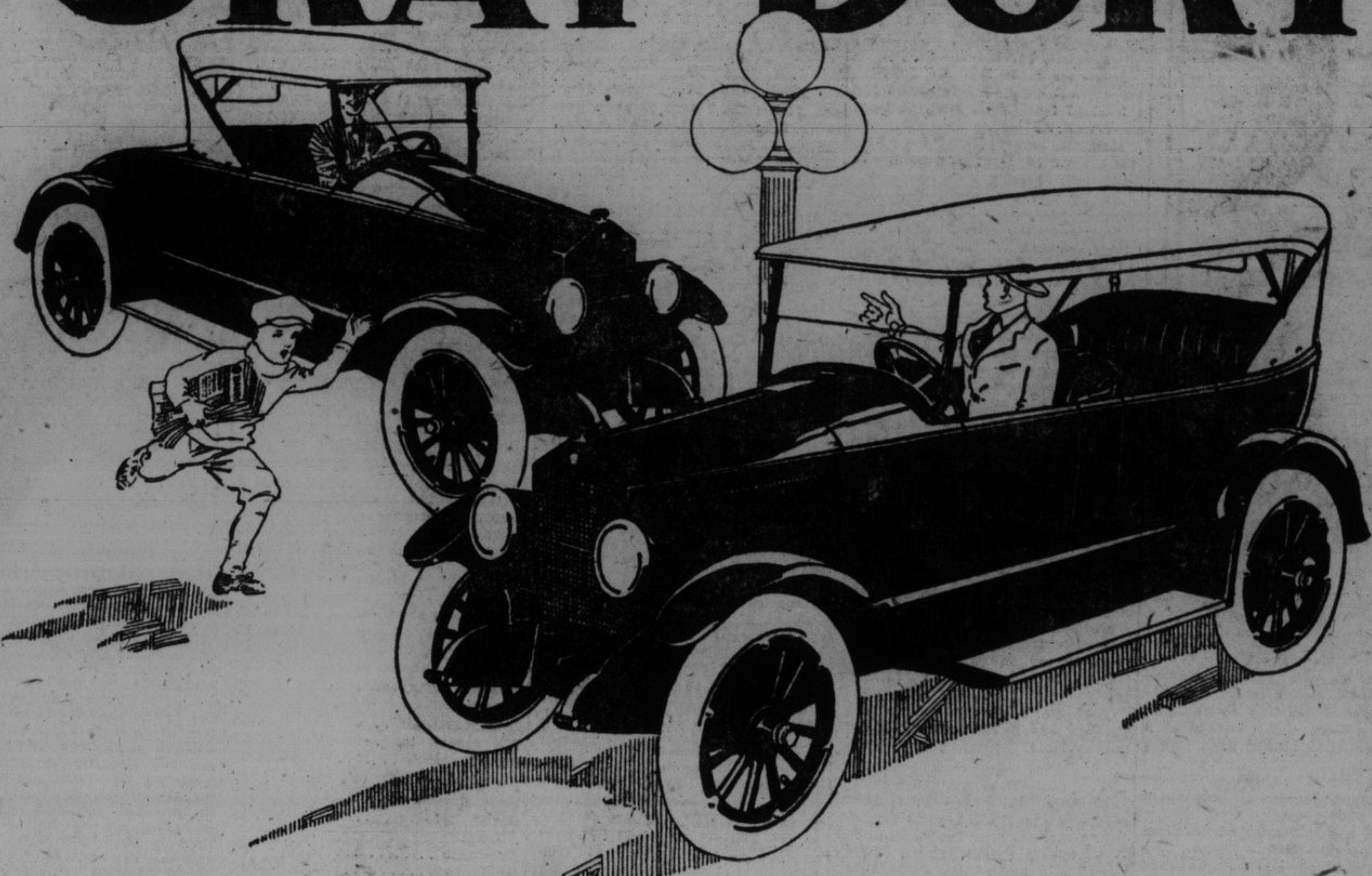
A Vocalist Provoked.

"I knew there was going to be trouble as soon as the mule heard the honk of our new fiver," remarked Farmer Cornstogel, ruefully.

"How did it effect the mule?"

"Threw him into a fit of professional jealousy so violent that he backed up and kicked the rear transmission clear through the radiator."

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Newspaper Advertising Best Way To Get Savings Accounts.

Atlanta, June 17.—"Newspaper advertising enables the banker to reach more people during their leisure hours, at a smaller cost per person, than any other means, and is one of the best ways to get savings accounts," asserted Miss Minnie A. Busbee, manager of advertising for the American Bank of Commerce and Trust Company of Little Rock—an institution that has been uncommonly successful in building business through advertising—in addressing the financial section of the convention of the Association Advertising Clubs of the World, in session here.

The financial advertising section has been uncommonly well attended and the sessions tremendously interesting, indicating a decidedly rapid growth of interest, on the part of banks, in constructive advertising methods.

Incidentally, Miss Busbee's important place on the programme illustrates the prominent place women are taking in the field of advertising. Many women, managers of advertising departments of stores, factories and other business institutions, are attending the sessions, and inquiry shows that advertising affords one of the most profitable occupations for the woman worker. Advertising is a business for which women are especially well suited, because women understand the woman's point of view, and most of the buying in the old world is either done, or largely influenced, by women.

Miss Busbee advocated going after new business, of course, but said that many banks are overlooking the opportunity to do a greater business with present customers. She held that the lack of intensive methods on the part of legitimate financial institutions was one of the reasons for the success of Blue Sky promoters.

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30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95
30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95
30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95	30x3 1/2	\$1.95

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