

# AUTO SECTION

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## MAXWELL FANS WILL BE GLAD TO HEAR THIS

Little Touring Car Proves  
Big Surprise in Canadian  
Hill Climbing Contest.

In Ottawa, Canada, recently the role of "Jack the Giant Killer" was played by a Maxwell touring car. It smashed a hill climbing record that had been considered private property of larger and more powerful cars, and incidentally captured the most coveted prize in Canadian motoring circles.

The annual Ottawa Journal reliability tour is an important event in the year book of the Canadian automobile world. Expert drivers with cars of imposing engine dimensions have been pitted in the past, almost to the exclusion of average motorists with vehicles of moderate size.

Three weeks before the start of the 1919 tour, D. E. Grant, in insurance agent, purchased a Maxwell touring car. After a few trips, Mr. Grant acquired such a degree of confidence in his new car that he entered the annual tour and bodily challenged every entrant on the tour for hill climbing honors.

"BETTER THAN PERFECT" Chasm Falls hill was the mount of victory for Mr. Grant's brand new Maxwell. The hill is reached by the Lake Placid road, six miles below Marine. Mr. Grant drove his "giant killer" over Chasm Falls hill in what was even better than a perfect score. His Maxwell time was 59.45 seconds, and the official perfect score had been previously announced at 1:55.

There were twenty-four cars in the contest. Most of the cars eclipsed by the Maxwell were "dreadnaughts" by comparison. At least twenty of the entrants cost more and were larger than Mr. Grant's victory car.

It was a dangerous day for the hill climb, with a steady drizzle, making the crooked, winding incline slippery and difficult. But the sturdy Maxwell, with something of the bulldog in its purpose, pushed its nose upward to the summit. It twisted around the three downward bound vehicles, which had somehow got into the road. Around the dangerous turns it whirled, sure footed as a goat, amid splashing rain and flying mud. Finally the peak was in sight and judges and spectators gasped as the Maxwell "goat" took one last spurt round the hair-pin turn at the top. The hill climb was over, the trophy was Mr. Grant's.

JACK BANTA IS "TICKLED."  
News of the distinguished feat of a

## Do You Always Use Tire Flaps? They'll Protect Tube and Casing

The value of tire flaps, is not always to be gauged in dollars and cents. As a usual thing, they are worth more than their initial cost.

Flaps were formerly fastened differently from what is the case now. Tire manufacturers used to cement them to one side of the case. This practice turned out poorly, since the heat generated in carcass and casing allows the flaps to become loose. Now when a man finds anything loose around an automobile he may expect to find trouble. That proves to be the case here, for the flap, having once pried itself away from its anchorage, proceeded to slip out of position altogether, little by little to creep under the beads, and in the end to wrinkle the tube and seriously chafe it.

As a consequence the flap in its present form—the "floating flap" we might term it for lack of a better name—came into existence and then into vogue. The floating flap has proved much more satisfactory because, when it is used, the tire may be applied much more readily generally "lays put" if it gets a half a chance. And yet the slight mobility of the flap enables it within limits to adjust itself to rapidly changing conditions.

Improvements and refinements upon the floating flap were made in the course of time. For example, it was split and

new Maxwell with a comparatively inexperienced driver created considerable interest along Chicago's automobile row last week. A. J. Banta, manager of the Chicago Maxwell branch, wired congratulations to the plucky Canadian driver on behalf of this city, where hill climbing can scarcely be listed as a sport.

"This feat should give even greater confidence to Maxwell owners who are used to level conditions of Chicago and surrounding territory," said Mr. Banta. "It is an illustration of how the Maxwell will perform under conditions demanding a far greater strain than any to be found in this section of the country. It fairly exemplifies the fact that one may plan a strenuous overland journey in a Maxwell car—it does the work and it carries through."

10 M. P. H. at Car Track.

If you are in the habit of driving across street car tracks without hesitating, stop it. A new city ordinance provides that "it shall be unlawful for any person operating any motor vehicle to drive at a speed of more than ten miles per hour on to or across any other street on which a street car is operating."

This takes the place of the proposed ordinance requiring motorists to come to a full stop at car tracks, which was defeated.

the ends notched in such a manner as to make the flap adjust itself in circumference to accommodate variation in the tire.

A few years ago it was common to employ the rim strap, which was a strip of fabric tightly stretched on the rim. By this method the beads were compelled to fit very snugly to the rim, clinched at the same time protecting the tube from rust and other detriment. As a whole, however, the scheme was given up.

While it is not necessary to use flaps with clincher tires of small size, it is really the proper thing to do with this four inches unless clips or spreaders are used to hold the beads tightly in the clinches to the rim as that inner tubes will not be pinched or damaged. The beads of quick detachable clincher cases and cables of straight side cases are non-stretchable, and are therefore made to suit the approximate diameter of the rim. Flaps should be used in all sizes of quick detachable clincher and straight side cases, or much difficulty will be experienced with the inner tubes.

What has been said pertaining, it may be, rather to the historic side of the much neglected flap. In this case, however, as many others, some acquaintance will bring evolution of the thing teaches us better how to handle it.

## ARE YOU GETTING MAXIMUM MILEAGE?

Jordan Tire and Repair Co.  
Have Remedy if You  
Are Not.

Probably no one in Hammond is doing more to aid motorists in getting the maximum mileage out of their tires than the Jordan Tire & Repair shop, 1411 Shelby street. In addition to selling this firm does the best vulcanizing and retreading so that a tire can be used until the fabric has entirely given out. They also handle the famous Maxolires. This is not really a tire but is a tough device which completely encloses the inner tube and it holds the pressure within itself, relieving the fabric so that it can withstand the tremendous strain of pounding the road.

Don't throw your paper away without reading the want ad page.

## Reo Motor Co. Did a New Stunt

Reo Speed Wagon Uses Electric Starter, Lights and Pneumatics.

In 1913 the Reo Motor Car Co. did a daring thing. A truck the Reo "Speed Wagon" equipped with an electric starter and lights and using the pneumatic tires was placed on the market. The Hammond Motor Car Co., agents for the Reo, suddenly found a new field opened up.

"At that time," says A. F. Adelberger of the Hammond firm, the great "sales resistance" was the reluctance of buyers to experiment with pneumatics on trucks. Why even the makers were skeptical of this Reo innovation. Now, tire makers without exception, advocate pneumatics for trucks not only for the "speed wagon" type but up to five tons and higher.

Then the average buyer considered an electric started, non-essential and electric lights superfluous, but now they would as soon buy a street starting automobile with kerosene lamps as a motor truck of that obsolete type. At first only the Reo engineers appreciated the superiority in greater efficiency, speed, economy and lower up-keep of a truck or passenger to tires but now rival engineers are copying the Reo features as nearly as they can. Where in 1913 only a few "speed wagons" were in use there are now 20,000 in the hands of the most conservative and critical class of customers.

Longest Concrete Road

Hundreds of men are now at work on the National Oil Trails road in various Illinois counties across the state from St. Louis to Terre Haute, and indications point to a real highway within the next six or nine months. The road will be 170 miles long and eighteen feet wide and is said to be the longest concrete road in the world.

The federal government projected this road to be built from Washington to St. Louis, more than seventy-five years ago. It was completed from the capital as far west as Ohio, and surveys were made all the way to St. Louis, as well as some grading, but the development of steam railroading came on and interest in the national highway was lost.

Plans are now under way for improving the road in Indiana and parts of Ohio, as well as in other states from ocean to ocean.

## SCHMUSSER AGENCY IS SELLING 'EM

Prospective owners of Buick automobiles who have been on the waiting list for months will be delighted to learn through John Schmuesser & Bro., the Hammond agents, that the car situation is improving and that the factory is now sending out machines in carloads each week. It is believed that the great demand for this famous car is to be met in a large measure.

In a full-page announcement of the 1920 Buick models John Schmuesser & Bro., 77 Shelby st., Hammond, present for the first time pictures of the new designs. These cars eclipse all former efforts as to style of body, dependability of performance, mileage, low up-keep and service. The purchaser of a Buick gets everything that can be desired and a little more.

Every known improvement worthy of the name has been embodied in the 1920 Buick, which combines classic new body lines, genuine leather upholstery, ease of operation, unlimited easy flowing power, plenty of speed and the famous valve-in-head engine.

There are now over 3,000 Buick owners in Lake county and anyone wishing to know what one of these owners thinks of his machine may quickly learn by trying to buy his car. The Schmuesser firm has established a reputation for Buick service that is second to none. It is said that this conservative firm has the highest record at the Buick factory of all the agents for giving prompt and reliable service. They want a Buick owner to feel that the service is theirs for the asking, according to the selling guarantee.

## BUSINESS GROWS. COMPANY EXPANDED

East Chicago Auto Sales Co.  
Erects Handsome New  
\$25,000 Home.

In order to care for rapidly expanding business the East Chicago Auto Sales Co. has found it necessary to build a new home as the present quarters are too small. A handsome building to cost \$25,000 is now being erected on Chicago avenue and the bus-

## Even Army Bullets Fail to Puncture This Truck Tire

Firing a bullet into a tire to test its vulnerability is a practice not often resorted to, because tires are expensive, yet the United States Tire company has in its records proof that a bullet fired into one of its big nobby cord pneumatic truck tires at Camp McClellan, Anniston, Ala., failed to puncture the tire.

One of the claims made by the United States Tire company for its big pneumatics is that they are suited for any kind of work over any kind of ground because of their ability to resist punctures.

At Camp McClellan one night the provost guard attempted to arrest a man. The man ran and jumped on a motor truck. To frighten the fugitive the guard fired his pistol. The lead bullet entered a nobby cord tire and embedded itself in the tread but did not pierce the fabric. The bullet remained in the tire for several months before it was removed, badly dented.

ness will be moved there just as soon as possible.

The company handles the Hoffman and the Hupmobile passenger machine. The truck is built in sizes ranging from one to 5,000 pounds capacity. They believe they have absolutely the best bargain in the truck field as the car is designed not to carry the rated capacity, but just enough margin of strength to allow to meet the most severe strains of the road grind.

The Hupmobile five passenger touring car which is being pushed by these five wires is well known to motorists because of its classy lines and thorough dependability. Since its first appearance on the market the Hup has continued to surprise the automobile world with its innovations, features which are later adapted by the many other leading machines.

## Army Convoy is Delayed

MEDICINE BOW, Wyo.—The army's transcontinental motor convoy arrived here twenty-four hours behind its schedule, having been delayed for the first time on the Lincoln Highway west of North Platte, Neb., early this week.

A real "wild west" welcome greeted the travelers at Cheyenne. Gov. Carey and his staff turned out, with Fred Stone, the comedian, 150 cow punchers, and a cavalry troop from Fort Russell, who staged a revival of the "Cheyenne days" celebration with all its attendant thrills.

Advertise in The Times and advertise again. Results come with constant effort.

## GOOD INNER TUBE BEST TIRE INSURER

Few auto owners nowadays would be content without automobile insurance, yet how many there are who have no protection on their tires. A good casing represents an investment which in proportion should be as much covered as the car itself, more so perhaps because it is more susceptible to wear.

There is such a thing as tire insurance, too, although many fail to see the protection in that light. The very best tire insurance in the world is a good inner tube.

Put inside your casing a tube that is dependable, one that will outlast the wear of the casing itself, and you have protected yourself against casing damage.

Good tubes cost no more than poor ones, yet many are prone to consider the tube as a necessary evil, an item of equipment that is worthy of only passing consideration.

The Fish Rubber Company, makers of Fish Tubes, point to this oversight as the part of many motorists as the great source of needless tire expense. Twenty years of experience in the manufacture of tubes has shown them that pure para rubber is the most satisfactory material for tube making and that all of the substitutes and composite formulas ever attempted have broken down under test.

Consequently the Fish Company makes but one tube, that of the best grade of pure para.

## SPEED TITLE TO BE REVIVED NEXT YEAR

The national automobile racing championship, discontinued in 1917 and 1918 because of the war and allowed to lapse this year for no particular reason, will be revived in 1920 by the contest board of the American Automobile Association. Richard A. Kennerdell, chairman of the board, has issued a call for a meeting of representatives of all the speedways to be held in New York in January. At that time details of the championship award will be arranged and dates allotted for the various contests.

In 1915, the only year in which the official award was made, Dario Resta took first honors with 4,100 points out of a total of 23,332. The late Johnny Aitken ran second, Eddie Rickenbacker third, and Ralph De Palma fourth.

Better call up The Times and have it sent to your house every night. Then you'll be sure it will be there.

# Navy

# Specifications

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