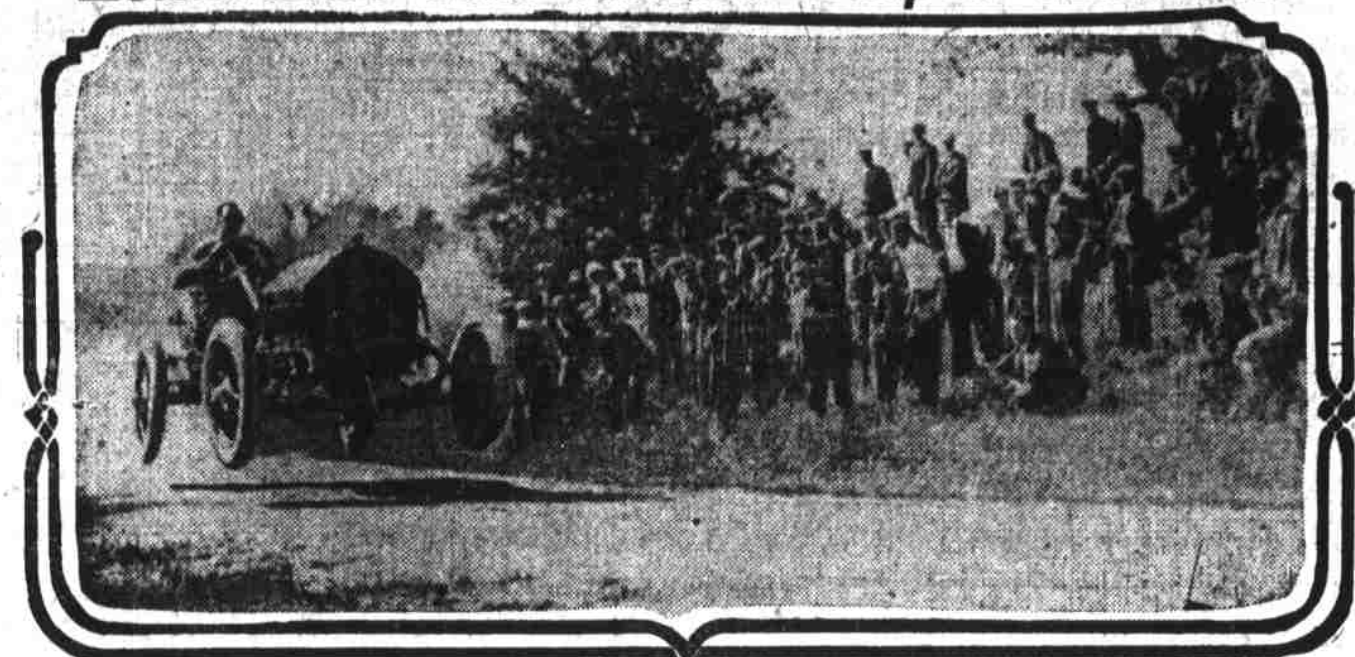


GLEANINGS OF THE AUTO WORLD

Establishes Hill Record Despite Accident



Knox Racer, whose wonderful performance is revelation to auto experts. A remarkable photograph, showing all four wheels off the ground, was taken of Fred Belcher and his big Knox Six while making the record of the hill at the Poland Spring hill climb, Maine, Saturday, June 17. Belcher came up to the brow of the hill at 79 miles an hour and, striking a water bar at the top, flew off into space 42 feet before his wheels again touched the ground. By skillful handling he righted the car on the course, averted an accident and established a record for the hill of 48.2 seconds.

ROADS REPAIRED BY TOURING CLUB

American Association Acts Promptly in Giving Relief Asked For.

The efforts of the Touring Club of America toward improving the highways in the popular motoring localities of the country have already achieved considerable success. A short time ago the officials of the Touring club called the attention of S. Percy Hooker, chairman of the New York state highway commission, to several miles of bad road in the vicinity of Poughkeepsie along the customary touring route from New York to Albany. The road was so bad that motorists were compelled to make a wide detour, but a recent trip over the route by one of the Touring club's official cars showed that substantial repairs had been made and the road is now in excellent condition.

As a result of an inquiry sent by the Touring club to Chairman Harold Parker, of the Massachusetts highway commission, regarding complaints made by members about inferior road conditions in the western part of that state, Chairman Parker explained that the state commission is working on many miles of road in that locality and has improved scores of bad spots since May 1. The road through Egremont from Great Barrington to New York, he states, is now well under way. This is the only direct route into New York with the exception of the Albany line through Hancock. A part of the popular touring route in the north part of the state through Williamstown is being reconstructed. No work is being done on the road between Great Barrington and Ashley Falls. "The commission, writes Mr. Parker, has had many demands made upon it for the improvement of the roads which are favored by automobilists, but we have determined to take care of those highways which are of the most importance and will connect up with the work now being done by the state of New York. "I am very much interested in all the suggested plans of the Touring club and should be very glad, as far as possible, to recommend the improvements which will be the most beneficial to all concerned."

FIRST SHIPMENT PACKARD "SIXES"

Severe Test Before Manufacture of New Cars Proves Satisfactory.

The new Packard "Six" has arrived. The first shipments of the regular factory output were made this week to New York, Boston and Philadelphia.

Before making the new model a manufacturing proposition, the company subjected it to 55,000 miles of testing. The experimental "Sixes" have left a trail of dust from the "thank-you-ma'ams" of the Alleghenies to the wildest parts of Wyoming, where the roads are merely mountain trails.

The new car is of 48 horsepower, A. L. A. M. rating. The cylinders are cast in pairs, with integral water jackets and valve chambers. The bore is 4 1/2 inches and the stroke 5 1/2 inches. The Bosch dual ignition system is used.

The crank case is cast in two sections, the upper forming the engine base and the lower an oil well. The oil for the crank shaft and lower connecting rod bearings is forced directly to these bearings by a gear pump located in the oil well. Cylinders and cam shafts are lubricated by spray from connecting rod bearings.

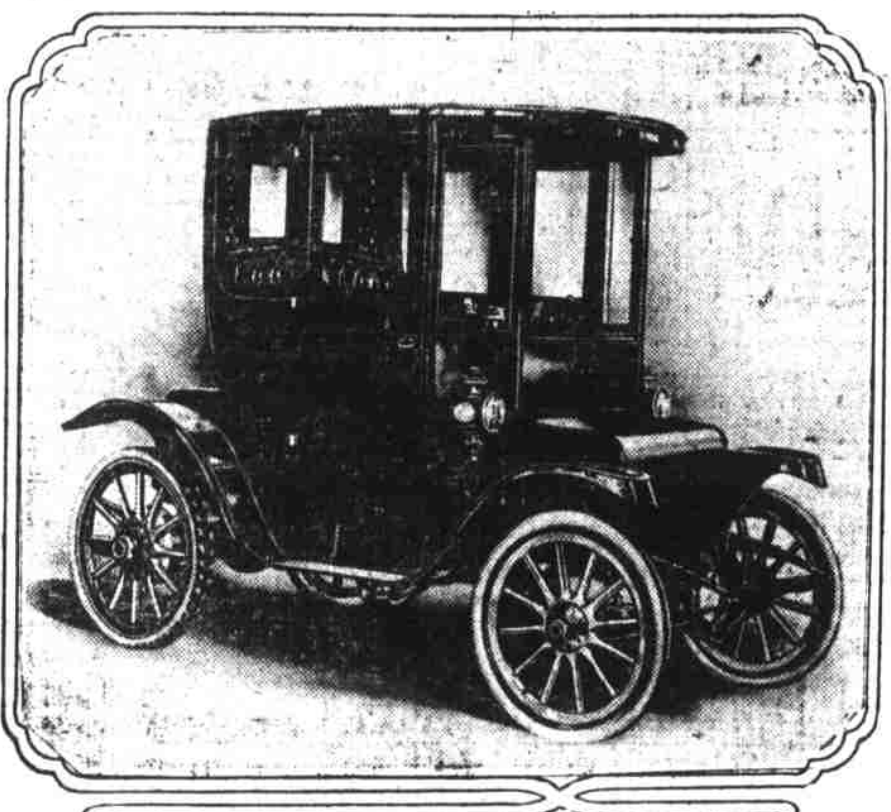
The dry plate clutch is supported at the rear by an integral extension of the crank case, which permits of its being entirely enclosed and secures permanent alignment with the crank shaft. The sliding gear three-speed transmission is in a unit housing with the final drive and differential gears on the rear axle.

The front tires are 36 by 4 1/2 inches and the rear 37 by 5 inches, both fitting the same size rims.

The chassis for the touring car, limousine and landulet styles has a wheel base of 133 inches; for the phaeton and brougham, 139 inches; for the runabout and coupe, 121 1/2 inches. All bodies for the "Six" and "30" are interchangeable.

Voting Contest for Auto.
A great deal of interest is being manifested in a voting contest being conducted by the union No. 162 of the International Brotherhood of Teamsters, according to the terms of which a brand new three-ton Kelly truck is to be given without cost to the member who

Shaft-Drive Car Is Beauty



Model 1216 Woods Electric.

The Woods Motor Vehicle company, of Chicago, through its agents, the Covey Motor Car company, announces its 1912 shaft drive electric car.

In presenting it to the buyer the company feels that it has made in the model 1216 shaft drive car a wonderful advancement, and that this model will stand for a long time as the recognized car in quality and design. Although this is the first shaft drive car that the company has offered to the public, it is by no means the first shaft driven which it has built. As long ago as 1905 a Woods car with shaft drive was exhibited at the Chicago automobile show. This car is still in service.

The Woods car stands alone as the only shaft driven electric built for solid tires, and in the construction of same there has been a liberal use of high grade steels, which are heat treated in such a manner as to overcome all the former objections in automobiles on solid tires, the vibration of same having caused crystallization of parts. Notable among the improvements in construction is the entire elimination of the universal joints in the driving mechanism. This is accomplished by unit construction of motor and rear

receives the greatest number of votes. Quite a number of teamsters have entered the contest and are waging an aggressive campaign for votes. The truck will be equipped with a substantial platform stake body with the body painted green and the gear red and presents a very attractive appearance. Votes are ten cents each and tickets are on sale at a number of places throughout

the city for the convenience of the teamsters and their friends.

Very Accomplished.
Briggs—Have your daughters accomplished much in music?
Griggs—Yes, their playing has rid us of two very undesirable neighbors. —Boston Transcript.

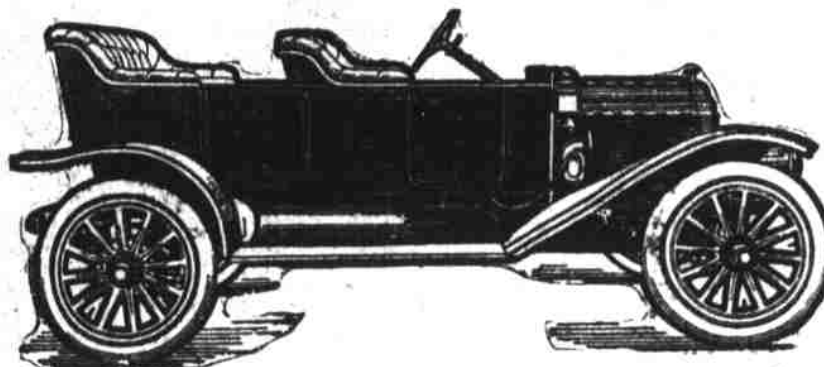
axle. The entire control and driving mechanism is mounted on the chassis, eliminating all mechanical parts from the body. All operating parts are enclosed in water and dust proof cases. The wiring system is enclosed in inundated tubes and there are no wires connected with the body. The control has been removed from the side of the car and mounted on the top of the steering column, which allows a much easier, more graceful manner of controlling the speed of the car.

The steering mechanism on this car, while controlled with a side bar is absolutely irreversible, thereby overcoming the objectionable side bar steer, which heretofore has caused more or less vibration on the hand.

A novel feature in regard to upkeep is brought out in this new car, inasmuch as the manufacturer guarantees a minimum mileage of 12,000 miles with one set of tires and 30,000 miles with one set of batteries, thus wonderfully reducing the upkeep cost on electric cars. The first allotment of these new cars is now on the way to Portland.

Flanders "20"

ABSOLUTELY GUARANTEED



Fore-Door Touring Car \$800

Whether or not you are an expert in automobile construction, you can buy a Flanders "20" with implicit confidence.

A one year's guarantee goes with every car. This means exactly what it says. We guarantee against all defects in manufacture. We can afford it. We build the car from frame to finish, and we know that it is well built.

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| Three-Speed Fore Door Touring Car | \$800 |
| 4-Passenger Suburban | 750 |
| Roadster | 750 |
| Runabout | 725 |

F. O. B. Detroit.

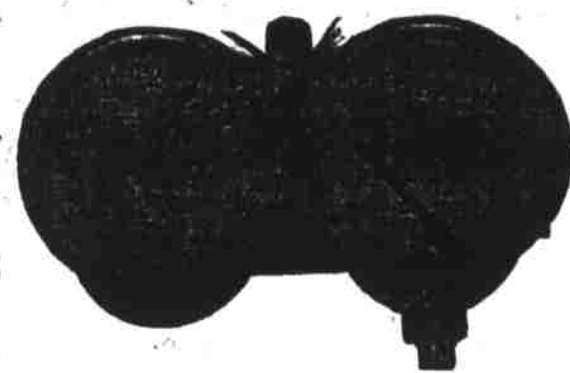
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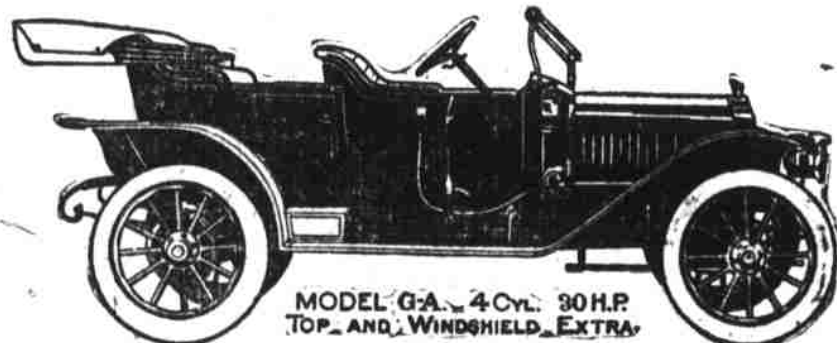
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