

# THE AUTOMOBILE IS NOW A PERFECTED MECHANISM

## AUTO RACE IN IRELAND

Three American Machines Will Be Entered in Race for the Bennett Cup.

Over 100 miles of picturesque Irish road, curving up hill and down, across bogs and through tiny villages, twelve automobiles, representing four great nations, will be driven at highest possible speed by men regardless of life and limb in the annual race for the James Gordon Bennett cup which is scheduled for July 9.

France, England, Germany and America will be represented in the race by three cars each. There have been three races for the cup already. But none has aroused such interest in this country as the race this year will as America had only been represented in the first, in 1900, when Alexander Winton started but did not finish. This year there will be three cars to uphold the honor of America. For places on the team and the consequent honor, in spite of the great risk of accident and possible death, there are six candidates. Four of these are western men—Alexander Winton and L. P. Moores of Cleveland, C. M. Matheson and B. Hedges of Grand

Rapids. The other candidates are Percy Owen and H. S. Harkness of New York.

**Trial Event Next Month.**  
The Automobile Club of America, which has the right to choose the members of the team, has ordered these candidates to have their cars ready in New York on April 11 to undergo any test which may be named to select the team's members. It is generally believed this test will be a public race. If it is it will be a road race for more than fifty miles, such as has never been held in America.

Every one of the cars which will be driven by the candidates for the team will be able to go more than a mile a minute. The danger and excitement attending the contest between these monster machines, turned loose to run as fast as the Empire State express over country roads, with all the pocketing, tricking, and kindred strategies known to racing men to add to the interest, may be imagined.

The route which has been chosen begins at Naas, twenty miles out of Dublin. Its course leads in a southerly direction through Stradbally, Athy, Old Killcullen cross roads, Ballitore, Castletermer, Carlow, Athy, Kilkenny to Naas again. This stretch of winding road will be the scene of a race of greater international interest than the race for the American cup, since there will be four nations contesting for glory. And the race itself, with each car pushed to its limit from the start and determined men taking every

advantage of strategy while rounding curves at marvelous speed, in imminent danger of broken necks, will contain more excitement and thrills for both contestants and spectators than any yacht, horse, or foot race ever run.

The rules which govern the race provide that it shall be run between two points not less than 93 1/2 miles apart. The Irish course, if the proposed double loop around Carlow is made, will be 131 miles long. Without this loop, it will be 115 miles. In either case, being much shorter than the course last year—371 miles—it will transform the race into a sprint, in which every second will count, and the cars will be run at top speed all the time. In former races endurance has been a most important factor, and a majority of cars interested, owing to the length of the course, have broken down.

The cars entered by Americans will all be equipped with motors of over fifty horse power, having maximum speeds of eighty miles an hour or more, it is claimed. The French cars will have even greater power and will claim greater speed. The German cars will have ninety horse power, and it is claimed they will go ninety-five miles an hour.

**A Splendid Automobile "Store."**  
The Pence Automobile company will have an "opening" at their spacious warehouses, 315, 317, 319 Third street S., tomorrow. These new show rooms are as complete as any in the country. Harry E. Pence, the president of the company, is one of the most popular young business men in Minneapolis and his business integrity and standing are well known. The Pence company is northwestern agent for several high class automobiles that are meeting with splendid success. In connection with the warehouses there will be every facility for repairing and storing machines.

"The automobile business is just in its infancy," said Mr. Pence to The Journal today. "It is growing rapidly and Minneapolis will soon be in the front rank as an automobile city. There is no section of the country so well adapted to automobiles. We are getting any number of inquiries from country towns and are selling many machines to out of town customers. With our new facilities for handling our business we are able to meet the demands for quick delivery of good machines. In a short time we expect to receive at least thirty automobiles a day."

**TILLMAN IN MODEST MOOD**  
He Has No Solution for Race Problem of the South.

Madison, Wis., March 20.—Senator Tillman said yesterday, regarding the Hattien resolution to hold a convention at Atlanta to discuss a way to solve the race question, that it could not be solved that way. He said he had been studying the question for thirty-five years and had not arrived at any conclusion.

Wood has gone up to \$16 a cord in some parts of New England. At this rate it will soon be more profitable to produce real nutmegs.—Louisville Courier-Journal.

## AUTO A CHEAP MACHINE

Costs No More to Own and Maintain Than a Horse and Carriage.

"In my opinion, the automobile stands today just where the bicycle stood in 1885," said H. S. Haynes of the Haynes Cycle company. "The price for a fairly good motor vehicle is now within the reach of a large number of people who stand ready to purchase a rig for both pleasure and business purposes. From a standpoint of expense, we are rapidly reaching a point where the cost of owning and operating an auto of moderate price is no more than, if as much as, that of owning a horse and carriage."

"The three types of motor-propelled vehicles now in general use are the gasoline, electric and steam. Each has its advantages over the other, and while Minneapolis can show more gasoline rigs in use than any other type, still I am informed that in some other cities the electric takes the lead. By careful estimate it is figured that the cost of running an ordinary gasoline runabout of five to seven horse power, is from one-half to three-fourths of a cent a mile. A St. Paul physician ran his Waverley electric runabout last season 2,000 miles for three-fourths of a cent a mile, so there is little difference in the running expense. Hence, when the convenience of charging an 'electric' equals that of supplying the gasoline rig, the former is bound to spring into popularity, as it has done in large eastern cities, where charging plants are numerous.

"The fact that the present output of autos is not equal to the demand is quite significant. This will tend to stimulate manufacturing to a large degree, and prices may tend to lower somewhat, unless the increased demand keeps pace with the supply, in which case the day of cheap autos is far in the distance."

**HAS MANY GOOD FEATURES**  
Union Automobile Seems Destined to Be Popular.

"The 'Union' automobile, handled by the Adland Storage and Implement company, has features worth investigating. First, the Union must be accorded a high place, for in the Lambert engine and transmission it has a motive power that will literally take it almost anywhere with absolutely no fuss or trouble. This engine is of ten horse-power, two-cylinder, four-cycle balanced type.

The crank is carried in the center of the engine, with a cylinder at both ends. Both cylinders act on the one crank-shaft, which is of the double-throw type. By this arrangement one piston balances the other, one connecting rod balances the other, and the shaft balances itself. Therefore, no weight is needed on the flywheel to balance these parts. The Lambert is

a truly balanced engine and there is an absolute freedom from vibration of any kind at any time.

## FORM CHAUFFEURS' UNION

New York Professional Auto Drivers Plan to Organize.

There is to be a "chauffeurs' union," Fifty or more professional automobile drivers and repair men met recently in New York and perfected a preliminary organization and elected temporary officers. "We are going to form a union all right," said one chauffeur, "for our protection, and it will include chauffeurs, mechanics and others employed by individual owners and at garages. We are only going to admit competent chauffeurs and mechanics to our ranks, so private employers and garage keepers will be assured of efficient men."

**Champion as a Chauffeur.**  
Albert Champion, whose daring feats upon and remarkable control and operation of a motor bicycle are well known,

has forsaken the two-wheeled vehicle for the motor car. In addition to representing Cement, the French maker, in this country this year, he proposes to make a specialty of auto-racing. That he will make an enviable record for himself in this capacity none who know or have seen him on a motor cycle doubt.

## ROOT TO RUN THE NATION

Washington, March 20.—When President Roosevelt leaves Washington on April 1 to "lose" himself for a few weeks in the Yellowstone Park before making his tour to the Pacific coast, Elihu Root, secretary of war, will become the acting executive of the federal government. As there is no vice-president, and as Secretary Hay intends to be away, Secretary Root has been delegated by the President to attend to all executive business during the president's month's absence on a vacation.

## WAR MEDALS FOR NURSES

London, March 20.—War Secretary Broderick, in a printed reply in the house of commons to a question of Harold J. Tennant (liberal), says instructions were given March 18 to issue war medals for presentation to the five American nurses who served on the hospital ship Maine in South African and Chinese waters.

## THE CHICAGO-MILWAUKEE AUTO RUN

A. C. Banker of Chicago has been in Milwaukee arranging for an automobile run from Chicago to Milwaukee. Mr. Banker says that if present plans are carried out, the run will take place the latter part of this month and between fifty and seventy-five machines will take part. The roads for the greater part of the way between the two cities, he says, are in splendid condition for a fast run.

## OPERATION TOO VIOLENT

Philadelphia, March 20.—For the first time on record, so far as surgical history goes, a child patient died yesterday in the Jefferson hospital from an operation by the "bloodless method" of Professor Adolph Lorenz for congenital dislocation of the hip. The child was Beattie Dunlap, 6 years old. The child was operated on by Professor H. Augustus Wilson, head of the orthopaedic department of the hospital, and Dr. James T. Rugh. They did not succeed in reducing the dislocation. The patient was seized with convulsions and died half an hour later.



**The Union, 2 or 4 Passenger.** **Power to go anywhere.**

**Strength and Simplicity**—Wheels steering, double opposed, perfectly balanced cylinders, full elliptic springs, 34-inch wheels, easy riding. **All transmission troubles overcome.** It is a pleasure to show our machine. It speaks for itself.

**Adland Storage & Implement Co**  
240-244 SEVENTH AVENUE SOUTH.



**The Waverley Electric.**  
Always Ready.

**\$850**  
DOCTOR'S FAVORITE.

We will handle a complete line of Waverley Electric Wagons in Runabouts, Delivery Wagons, Two Seats, Tonneaus, Chelseas and Stanhops. Prices from \$850 to \$1500.

Oldest and best "Electric" on the market. Twenty-three Indianapolis doctors use them. Any lady can operate them. No noise, no odor, no trouble. Always ready to run. Will be on exhibition about March 28.

**Holley Gasoline Runabout, \$550.**  
We are Northwestern distributors for Holley and Hercules Motor Cycles. **Cleveland, Tiger and Wolff American Bicycles.**

**We Are Agents for the Truscott Gasoline Launches and Row Boats.**

**HAYNES CYCLE CO.,**  
627 FIRST AVENUE SOUTH.



**\$1,400**  
MERCHANT'S FAVORITE.

## STOP AND THINK

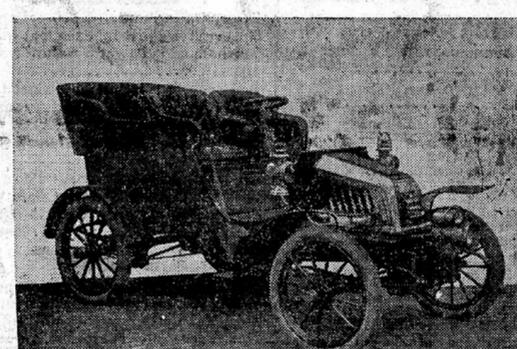
Of the Necessary Qualifications of a Good Automobile, and You Will Have an Accurate Description of the

# Rambler

No Mud Too Deep or Hills Too Steep to Stop Them.

**Reliability, Accessibility and Simplicity**  
Are its ear marks. You may pay more money or less money, but if you buy a Rambler you have a car that looks right and is right; it weighs 1,200 lbs., and every ounce of weight is needed for a good, substantial carriage for city or country use; price **\$750**

See our New Seat for Four Persons. Makes the Car Look Like a \$1,500 Turnout.



**THE SANTOS-DUMONT**  
The Swellest Car in the world for the Money.

**AUTOMOBILE SNAPS**  
\$900 Toledo Steam Carriage, new, only **\$650**  
SEND FOR SECOND-HAND LIST OF AUTOS.  
Two Ramblers, traded in for 1903 models, first check takes them **\$550**

**SPORTING GOODS** See our spring line of Spalding's Baseball goods, Tennis, Golf, Guns, Ammunition, Cutlery, Fishing Tackle.



**Columbia**  
Electric Automobiles.

First in the field, Columbia Electric Automobiles have remained foremost through all changes of design and type since 1895 and are now entering upon their eighth year of successful service. For beauty of design and assortment, no factory turns out the equal of this line.

Model 80.  
Racycle, . \$40 and \$50

**A COMPARISON.**  
All Bicycle Sprockets run outside their bearings like Stone No. 1.

**THE RACYCLE SPROCKETS**  
ROLL BETWEEN their Bearings, like Stone No. 2.

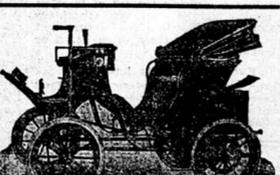
Which will turn easier?  
**SEEING IS BELIEVING.**  
The RACYCLE  
Saves the rider 27 per cent. in energy.

See Our 1903  
Dayton, . . \$25 to \$50  
Columbia, . . \$40 to \$75  
Orient, . . \$40 to \$50  
Great Western \$25 to \$35

**SPECIAL!**  
We have about 50 Cleveland wheels purchased with the A. N. Anderson stock, which we offer at 20 to 30 per cent discount; cash or easy payments.



**Columbia Mark XXXVIII Light**  
Electric Runabout, \$900.  
Lightest and most durable electric vehicle ever made of same mileage capacity. Underslung battery leaving body entirely open.



**Columbia Mark XIX**  
Electric Surrey, \$1500.  
Has all the easy riding qualities of the lighter Columbia vehicles. For pleasure and utility.



**Columbia Mark XIX**  
Electric Cabriolet, \$2250.  
A luxurious and elegant automobile for city and suburban pleasure driving, calling, and general private service.

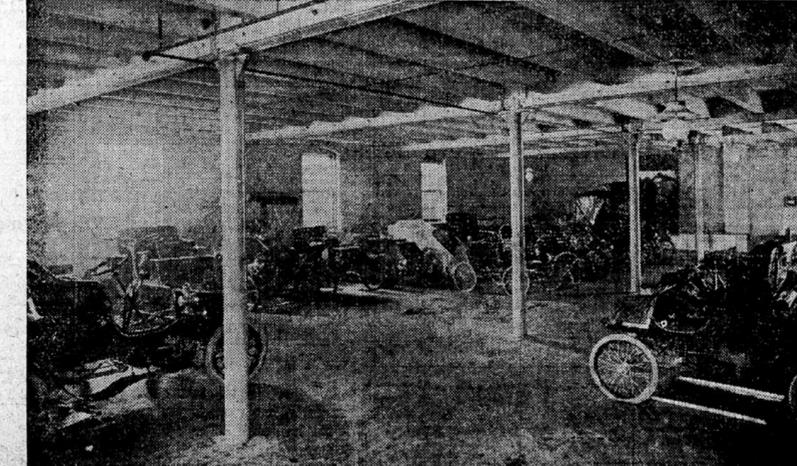
## Santos-Dumont

For customers desiring a larger carriage, the Santos-Dumont, for which we have the Northwestern agency, is as well a car as any one could desire, having a large tonneau, a seating capacity for five people and 14 horse power engine. You can not duplicate this car short of \$2,000, which we guarantee. **\$1,500**  
Our price will be.....

## The Elmore

Automobiles have the famous 2-cycle engine, which has fewer parts than any engine built of the gasoline type. Has two cylinders developing 6 horse power. Has dynamo and storage batteries. Motor will start and carriage will run on either. Both rigs are especially suited for doctors' use. Top and side curtains, if so desired. The Elmore Tonneau Touring Car at \$1,400 is a very fine car for four passengers. Send for catalogue.

The Elmore Model, 7, 6-horse power. Price, **\$800**  
Tonneau Touring Car, 10-horse power. Price, **\$1,400**



Interior View of Automobile Repository, 619-621-623 First Av. South.

The Largest, Finest and Best Equipped Garage in the Northwest. Special Attention Given to Repairs, Storage and Renting

# Great Western Cycle Co.

STORE 601-603 FIRST AVE. SOUTH, CORNER OF SIXTH STREET  
REPOSITORY 619-621-623 FIRST AVE. SOUTH. L. H. Fawkes, Prop.



**FAWKES**  
Indestructible Airless Tires will save you 95 per cent of your tire trouble. Guaranteed absolutely free from expense to the user for 1 year. All sizes for Bicycles, Carriages and Automobiles. We supply the Northwest.