

2 BEAT ROAD MAZE

Motorists Visit Hillsboro, but Get Lost on Return.

WAY GOOD IN SOME PARTS

Portland Men Are More Than Two Hours on Return After Making Trip Out in Fifty Minutes. Opinions on Route Severe.

Destinations outside of Portland are much easier to find than Portland is when one is driving toward it.

When the two left the city last Tuesday forenoon they hurried up well in order that the cool wind would not incite rheumatism in their bones and refrigerate their blood.

Cornell road, which is well sheltered, was delightfully smooth. This highway is in excellent condition, and the travelers had praise for Roadmaster John B. Feen, who has placed a solid timber fence along the outer edge of this road.

Neither had been to Hillsboro over this route before. The regular tour book was forgotten in the hurry to get away.

At least 12 miles were behind the car before maximum gave out. Then came stretches of dirt and newly-laid rock. There was no dust, but plenty of bumps.

Returning to Portland was not such an easy matter, as the Ford was headed over a more southerly route.

According to Chambers, the five miles of base line road between Washington County's two principal towns, Hillsboro and Forest Grove, is showing the wear and tear, and the remedy is hard-surface pavement.

The run to Hillsboro from Portland was made in 50 minutes over the unknown road.

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The roads grew rougher. They had many crooks and turns. They had forks and intersecting roads.

The tire troubles delay return. An obliging young buggy driver bade the hard-working tire pumpers to turn back and gave them a handy direction to follow.

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Continued demand for motorcars in this country and abroad has brought a remarkable increase in sales, the figures for the last year, as compiled and just announced by Alfred Reeves, general manager of the National Automobile Chamber of Commerce, showing the production to have been 792,237 cars, valued wholesale at \$523,463,802.

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The car carried five passengers all the way, and a great deal of baggage and equipment in the way of spare tires, etc. The actual running time on the westward route was 22 days, while 17 days covered the actual touring on the return trip.

Dr. Metcalf says the two most pleasant features of the tour, aside from the attractiveness of the country traversed, were the utter absence of car troubles of any kind and the fact that the tour was made in comfort and without excessive fatigue.

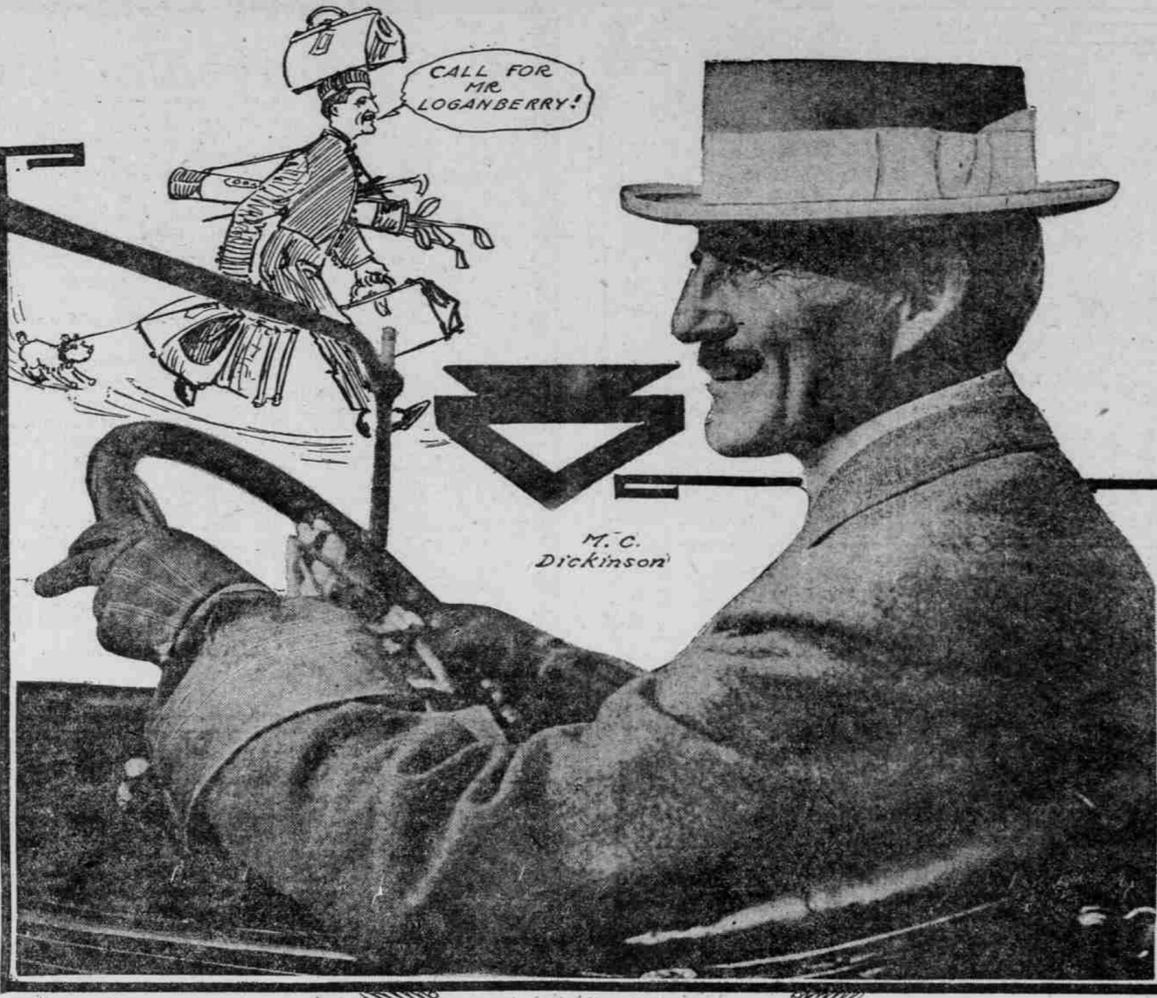
Pacific Highway Being Marked. KELSO, Wash., Oct. 2.—(Special.)—A. L. Meigs and party were Kelso visitors yesterday while engaged in blazing the Pacific Highway through Vancouver, B. C., to San Diego.

Water Is Free for Autoists. The Oregonian is in receipt of a communication from P. B. Johnson, of Millican, Or., denying the report given out by a party of tourists who recently passed through Millican that Mr. Johnson charged auto parties for the use of water from his well, the only source in that locality.

Mr. and Mrs. Fritz Kreisler at Wheel of Car on Crown Point. "We think we have some fine highways on the continent, but this Columbia River Highway is positively wonderful."

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Prominent Portlanders Who Motor



M. C. Dickinson, manager of the Hotel Oregon and part owner of the Hotel Seattle, were to guess how far he has driven an automobile, he would place it at some figure well above 150,000 miles.

Dickinson bought his first automobile. This car was a National by make, but it had such a well-defined habit of whirling around that everyone in Portland knew it only as "Dancing Sal."

Later he bought a Chalmers and then two Pope-Hartfords. He still has these two "Popes," keeping one harnessed up here and the other at Seattle. One of the Pops has specially built body for racing, and Mr. Dickinson says it will travel at a gait of about 100 miles an hour.

SALES GAIN HEAVILY

36 Per Cent More Cars in Use This Year Than Last.

VALUE RISES 10 PER CENT

Statistics on Industry Show Manufacturers Now Offer More for Money Since Factory Costs Have Been Cut Materially.

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GREAT VIOLINIST IS PHOTOGRAPHED ON COLUMBIA RIVER HIGHWAY.



MR. AND MRS. FRITZ KREISLER AT WHEEL OF CAR ON CROWN POINT.

"We think we have some fine highways on the continent, but this Columbia River Highway is positively wonderful." As he spoke, Fritz Kreisler, the great violinist, stood at the apex of Crown Point last Tuesday.

LAND YACHT TRIP BEGUN

FAMILY IS MOTORING COMPANY WITH HOME COMFORTS.

Roland R. Conklin, President of New York Motorbus Company, Designs Unique Vehicle.

Many novel modes of travel have been formed, but it was up to Roland R. Conklin, of New York, to introduce an entirely new means of transportation in the form of a "land yacht."

The vehicle is a double-decker. The inside dimensions are 21 feet long, seven and one-half feet wide and six and a half feet high.

The main or lower deck is divided into three compartments, the forward compartment containing the steering gear, operating levers, driver's seat and gasoline tank.

The kitchen has all the conveniences of home and is in the rear compartment. The upper deck is covered with a folding leather top and is reached by a stairway from the rear compartment of the lower deck.

In order to navigate all the rough spots and steep inclines on the road to San Francisco over the Lincoln Highway, a double gear box with nine speeds forward and three reverse is provided. The land yacht carries a tender in the form of a motorcycle which is stowed away in one of the roomy lockers on the roof.

Preparations Must Be Made Fifteen Months Before Production. In commenting on the problems that face motorcar builders, Hugh Chalmers declares that the most difficult is making the decision on what kind of a car to build.

MOTOR KEPT GOING FOR WEEK

Fresno Newspaper Man Stays With Car During Long Test.

FRESNO, Cal., Oct. 2.—The feat of S. U. Bergh, a Fresno newspaper man, in occupying almost continuously for a week a seat as observer in a Maxwell "stunt" car, is put forward as a bold bid for a world's record and a prominent berth in history's hall of fame.

Monmouth High School Reopens. MONMOUTH, Or., Oct. 2.—(Special.)—A season of active road improvement in this district has been finished. Gravel has been placed on the coun-

ty highways and new bridges in full-off districts have been built. Fall crops have been at work during the Summer. Automobiles have been an aid to the movement, as many farmers, owning cars, donated time and material.

\$1,000,000 PAID FOR PATENTS

Spittdorf Company Buys Rights to Make Dixie Magnets.

A million dollars for basic patents of the Dixie Magneto was paid last week by the Spittdorf Electrical Company, of Newark, N. J., to the Sumter Electrical Company, of Sumter, S. C., which controlled them through the invention of its president, Charles T. Mason.

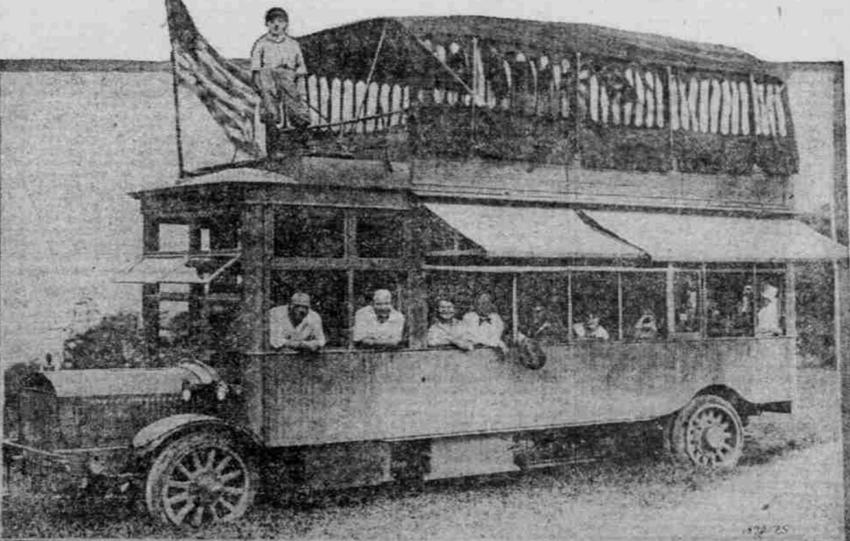
Rarely has such an immense sum of money figured in the transfer of patents. As a matter of fact, the Spittdorf Electrical Company is building 100 Dixie magnetos daily—single-cylinder, two-cylinder, four, six, eight and twelve, to meet the tremendous demand. It is the utter simplicity of Dixie magneto construction, combined with its extreme effectiveness, that has brought the Dixie so quickly into the limelight as 20th century ignition.

AUTO PLANS LAID FAR AHEAD

Major Ralph and Engineers See New Storm Sewer From Car.

Perhaps the oddest motorcar ride on record can be credited to Mayor Ralph, of San Francisco, who recently drove under the Pacific Ocean in a Ford car. The Ford was not being tried out for submarine service. The unique tour under the Pacific was made through the immense Mile-Rock storm sewer, which San Francisco has just completed at a cost of \$1,000,000.

"LAND YACHT" WHICH IS ON ITS WAY FROM NEW YORK TO THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION AT SAN FRANCISCO.



Automobile Owned by Roland R. Conklin, President of the New York Omnibus Company, in Which He Has Started Across the Continent With a Party to Visit the Pacific Coast.

1916 The biggest year in Franklin history. Purchasers have offered Premiums for Advance delivery. MOTOR Franklin CARS The Scientific Lightweight Car Now, for the first time within two months, we are able to offer immediate delivery. 1916 Series Eight Touring Car, \$2100.00 Braiy Auto Company 31 N. Nineteenth St. at Washington

New Automobiles At Used Car Prices We are discontinuing our line of automobiles to devote our entire time to the implement business and are sacrificing an entire line of cars at astonishingly low prices. The CARTERCAR is the machine which is easily cared for on account of its simple gearless transmission, eliminating all jerks in starting and changing of speeds. Easy terms to responsible parties, Oregon Moline Plow Company 105 Union Ave. North Phone East 92

ing the decision on what kind of a car to build. The importance of this decision is apparent when one considers the constant shiftings that are going on in the automobile business, due to rapid engineering development, severity of competition and the caprices of public demand. Particularly is this true of the "manufactured" car as distinguished from the "assembled" car, because the decision must be rendered so much earlier.

STRETCHLESS TIRES HERE

California Concern Opens New Store in Portland.

O. M. Thomas, inventor of stretchless inside tires, with stores in Los Angeles and San Diego, Oakland and San Francisco, Cal., has opened a place of business at 52 Broadway, Portland.

Mr. Thomas says the success of his business depends principally on the fact that the material of which stretchless inside tires are made has been thoroughly stretched by actual service. When placed into a tire that is weak or broken, the inside tire will not stretch, but stands the strain at the weak points, protects the tube and prevents the tire from blowing out, he says.

Vacation Trip Is 8000 Miles.

After nearly ten weeks, much of which was passed at the wheel of his Maxwell car, R. E. Grace is back at his home in Los Angeles, having traveled leisurely a total of more than 8000 miles. His farthest east was Pensacola, Fla., and a large share of the tour was over Southern roads not generally considered feasible for touring. Mr. Grace came through without any mishap, however.

In Brazil, where the insects destroy wood-
en telegraph poles, the railroad uses wood-
en rails for poles.