### FUEL CONSUMPTION SMALL

Tour to Oregon City and Return Made on Two Gallons of Gasoline - Fertile Valley Excites Pruise

"Those living in the city who own an automobile may consider themselves fortunate at this time of the year," said Will F. Powell after taking a 40-mile spin in the country with Frank Cary in a Michigan "40" last week. "Without some diversion in the general routine of life, soon cobwebs will accumulate rapidly in the mental faculties of those who confine their thoughts and actions to one line of activity, and here is where the motor car has proven such an important factor in the process of rejuvenating the tired brain of the city business man. "A drive along some of the smooth roads leading out into the country from Portland will bring one in touch with Nature in all of her beauty; a transition from the busy, throbbing streets of a large city to the enchanting scenes of the country places one in a natural environment which affords enjoyment beyond description.

Prosperous Farms Det Park. Those living in the city who own an

Prosperous Farms Dot Path.

Prosperous Farms Dot Fath.

"We emerged from Portland via the Fester Road to the highway leading to Oregon City, going as far as Clackamas, then diverting our course northward, traversing a beautiful little valler with waving grain fields on either side and dotted here and there with comfortable and attractive homes. As our speedometer indicated 15 miles we were crossing the Clackamas River on the Baker bridge. Then our course was changed southward, following the east bank of the Willamette to Oregon City.

city.

"It would be difficult to find a more beautiful section of country than along the eastern shore of the Clackamas River. Just far enough above the water to be out of danger of floods, a level strip, sufficiently wide, is a good road, shaded the entire distance by tall stately fir and pine trees, making it a delightfully cool one on a hot Summer day. From the abrupt hills which follow the contour of the river, many springs burst forth to quench the thirst of travelers. Forms and wild flowers in profusion fill the air with fragrance, causing one to linger or travel leisurely through this section. Almost anywhere the river is accessible from the road, and, judging from the many plenic parties observed, this is a popular section for automobilists. Every moment of the trip was interesting, and those who have not traversed this route should designate it as their next journey.

Forty-Mile Trip is Cheep.

Forty-Mile Trip Is Cheap.

"Our return to Portland was via Oregon City and the West Side of the Willamette River. The only hill of any consequence encountered was the one approaching Oswego, and the machine wended its way smoothly and silently, as though it were an easy matter to annihilate distance under such circumstances.

"As we reached the finishing point the speedometer indicated that we had traveled 48 miles in two hours and 20 minutes, consuming two gallons of gasoline, which dispels the idea that the cost of maintaining an automobile is such an expensive luxury.

"Nature has beautified many a spot within easy driving distance of this city and this exhibarating environment is yours to enjoy for only a little effort and time."

AUTO CONQUERS SAND BANKS

Roads From Spokane to Portland Good, Says Motorist.

Hay Paulson, of Spekane, drove a Winton Six from the Inland Empire but to Salem, via Walla Walla, Pendleton, The Dalles and Portland, last week. According to Faulson, the roads are in excellent condition for this time of the year. In returning from Salem to Portland, the Spokane man says he to Portland, the Spokane man says he ande the trip in I hour and 40 min-

"We would have had a pleasant trip all the way if it had not been for the obstinate tender of the ferry at John Day ferry," said Paulson. "This man Day ferry," said Paulson. "This man refused to ferry us across the river, on the score that it was too dangerous an undertaking. Then we had to go around by way of Arlington, 75 miles off our route, and run into the sand banks opposite The Dulles. We pulled through the sand on our own power. through the said on our own power. It was the disagreeable part of the en-tire trip."

## Rose Leaves for East.

L. H. Ross, Northwest manager of the Studebaker Corporation, left Fri-day for Detroit to confer with Ernest R. Benson, who was recently appointed It, Henson, who was recently appointed sales manager of the automobile department to fill the vacancy left by the resignation of Paul Smith. Mr. Rose will attend the Indianapolis races May 30, where he will endeavor to secure entries for the Tacoma race in

## Los Angeles Plans \$25,000 Meet.

Prominent Los Angeles motorists are aiready planning for another road race. Finns have been mapped out for the grentest motor automobile event ever un in the West. A prize of \$25,000 has been named. This is the largest amount of money ever offered for a Western meet. The proposed meet is set for Thankagiving day, and will be run over the Van Nuys course.

Adjustable Seats Feature Cars.

Adjustable front seats that may be moved forward and back to fit any less length are features of the Stoddard-Dayton "Knight," "Special" and "Saybrook" models. The forepart of the bodies are built unusually wide to allow the utmost freedom of move-

WEAK MISSIONS ARE AIDED

Cost of Parsonages Comes Up at

payments, the members of the conference expressed their decided disfavor of the policy of incurring heavy debts for the construction of parsonages.

A resolution advocating that not more than \$20 a month rental be paid for mission ministers' parsonages and that congregations not build a parsonage costing more than \$2500 will be considered.

Discussing the question, the Rev. A

considered.

Discussing the question, the Rev. A.
F. Kirkpatrick declared: "It is no-body's husiness how we pastors spend our salaries. We certainly earn every cent we get, and we should be allowed to spend the money for the kind of homes that we can get and make both ends meet."

## Mechanician Is Real Hero of Auto Races

These are the days of intense excitement and scrivity around the famous Indianapolis motor speedway, where many intrepid pilots are "tuning" their steel mounts for the coming 500-mile

steel mounts for the coming societies.

While the driver is the center of interest and upon him largely depends the outcome of the strenuous contest, there is another figure not so spectaular but none the less necessary. He is the mechanician.

He is experienced in the rigid discipline of motor car racing, operates the cill pumps, watches for cars that are trying to pass; and alds and relieves the driver in every way possible. His main requirement is to take orders the same as a soldier. He does not get the glory nor credit, but plays his part in silence and with a brave and unselfish spirit that makes him a hero nevertheless.

## AUTO CHUG CHUGS

THE registration of automobiles in Georgia has passed the 114.000 mark for the year 1912.

Fire and marine insurance companies cannot write liability automobile insur-ance. It is written exclusively by the casualty companies.

There was an increase of over \$2,-000,000 in 1911 over 1910, in the importation of motor vehicles and parts into Australia, and of \$1,000,000 in oil and kerosene.

From Panama to Chile the automobile is increasing in popularity, aithough operation is gather high in cost, owing to the mountainous character of the countries. American automobiles are practically unknown in several of these countries, but in Chile and Peru several lines are represented.

Sales of various kinds of rubber goods in New Zealand have considerably increased in value during the last several years, as is shown by the following report on motor car tires during the years 1908, 1909, 1910. In 1908, \$187,586; in 1909, \$149,878, and in 1910, \$236,256.

The St. Paul Motor Car Dealers' Association, St. Paul, Minn., reports a profit on the second annual automobile show and has reserved the Auditorium for the third week of next February, when the third show will be held. After paying the bills, the association voted 11000 to the Automobile Club of St. Paul, according to the agreement made previous to the show.

Announcement has been made by the

Announcement has been made by the Missouri Pacific Railway that the American Car & Foundry Company, of St. Louis, is building 500 automobile cars and 500 furniture cars for the road. The cars are all 40 feet in length, 10 feet high, with 10-foot staggered doors. The difference between the automobile and furniture cars is that in addition to the side doors the automobile cars have end doors also.

America has no great annual non-

America has no great annual non-stop run for automobiles, and it is therefore interesting to learn that such an event is to be contested in and around Detroit over a stipulated course under the rules of the American Auto-mobile Association and for a valuable challenge trophy and minor trophies. The run will take place in September. The Michigan State Agriculture Society will make an application this week for the sanction, and will offer as the grand prize for the event the Michigan State prize for the event the Michigan Stat-Fair trophy to be contested for an nually.

Information from Santiago, Chill's principal seaport, shows that importa-tions of automobiles already are show-ing a marked increase due to the lowering a marked increase due to the lowering of the customs duty. Sixty per
cent ad valorem has been charged, but
February 12. by act of Congress, the
rate of collection was changed to 15
per cent. The principal cities of this
republic have finely paved streets and
there is a field of importance offered to
dealers in automobiles. Cars already
in use here are largely of European
manufacture, but the introduction of
American cars is increasing.

Under a decision handed down in the Under a decision handed down in the Municipal Court of Brooklyn, an inn-keeper or hotelman who issues storage checks for automobiles to his patrons and then allows some unauthorized person to get away with an automobile without producing the appropriate check must pay damages to the owner of the abstracted car.

Because freight rates on the Penn-sylvania and Reading railroads affect-ing milk shippers in New Jersey and Philadelphia suburbs have been raised, Philadelphia suburos have been raised, members of the Interstate Milk Producers' Association are seriously considering the wholesale employment of motor trucks to transport their products and have appointed a committee to look into the feasibility of the plan.

Following the fallure of all efforts to secure the passage by Parliament of a bill to render compulsory the carrying of rear lights on all tehicles using the roads at night in England, the Automobile Association bought 10,000 reflex lights, which it is distributing among cart owners and bi-evolutes to demonstrate to all users of

tributing among cart owners and bicyclists to demonstrate to all users of
the road how cheaply and simply their
safety can be assured in these days
and nights of motor traffic.

Commercial motor vehicles will have
their innings at London, England, on
June 10, when the sixth annual motor
truck parade takes place in the British metropolis. The machines will not
be inspected while on parade, but examination of the store-sheds, drivers
and cars will be given by an engineer.
Prizes will be given to the drivers and
the owners, special awards going to
the former for the best results in a
written technical quiz.

All the roads of France are classified

Presbyterian Meeting.

SPOKANE, Wash, May 18.—Missions and weak churches to the number of a saked and received aid from the general conference of missions of the Presbyterian Church of North America, naw in annual session here. The amounts range from \$200 to \$2000, and the total amount granted for church aid is \$26,230.

In connection with the consideration of a request for additional denations to a church which had built its parsonage on the loan plan and the pastor was unable to keep up the monthly All the roads of France are classified



Hupmobile Long Stroke "32" Touring Car, \$900
7. O. B. Detroit, including equipment of windshield, gas lamps and generator, oil lamps, tools and horn: Three speeds forward and reverse; sliding gears. Four cylinder motor, 3½ inch bore x 5½ inch stroke. Bosch magneto; 106 inch wheelbase; 32 x 3½ inch tires. Color, standard Hupmobile blue, Roadster, \$900.

## The deeper you go into detail the greater will grow your regard:

It is true of any car, of course, that the inside—not the outside—establishes its

But this is particularly true of the Hup-mobile. It is especially true because, the moment you begin to inspect the chassis, you find workmanship un-common at the price.

Your good opinion of the car will increase in proportion to the care with which you study its parts.

If you are not expert in engineering, it will pay you to have us indicate the fine points of Hupmobile practice.

Learn what long-stroke actually means— how much it intensifies the pulling power.

See how faithfully Mr. Nelson has followed the finest foreign practice in the ratio of bore to stroke.

If you drive the car, and see its pulling power triumph, at slow speed over sand or mud that would stall a motor of ordinary bore and stroke, you'll need no further demonstration.

But learn in advance, by studying the engine, how much additional value is incorporated in the \$900 price by this long-stroke principle.

Learn to appreciate, in theory, before you prove it in practice, the economy with which this excess power is secured.

Study the oiling system—in itself a type of the highest ingenuity and efficiency— which distributes oil when, where, and as it is needed, with absolutely unfailing certainty.

Notice the advanced practice followed in combining motor, clutch and transmission in one compact space and weight-saving unit.

Let us explain why it is such an advantage to have the cylinders cast enbloc-how the valves (at the side) are made dust and dirt proof.

Let us tell you how the common liability to crankshaft strains is avoided by the use of three generous crankshaft bearings instead of two.

Let us tell you why Hupmobile carburetion is almost unbelievably reliable—how it insures correct mixtures at all speeds and under all loads, without resort to adjustments.

The further you go into detail, the greater will grow your respect for this truly remarkable car.

Study it, here, at first hand. Familiarize yourself with its good points.

You'll realize then what renders the price extraordinary—or, to be more precise, how great is the value you get in the Hupmobile at that price.

Hupp Motor Car Company, Detroit, Michigan

# Dulmage & Smith

Phone Marshall 1699, A 1299

46 North Twentieth St., Portland, Or.



## The Runabout's Remarkable Record

The Runabout today occupies the position it took from the very first—that of a car giving complete satisfaction and never falling

ar created a type; and it remains now the doml-nant representative of that type.

Its position has been held simply because it has proved itself worthy, times without number, of the confidence of 15,000 owners in all parts of the world.

ats power plant is identical with that which recently carried a Hupmobile touring car, around the world.

Mention the Hupmobile and you will hear nothing but praise for this staunch, trim car. But these expressions will be no less interesting. because of their sincerity, than those we print below—extracts from a very few of the letters we have received from Runabout

owners:

A feature that specially appeals to me is the cheapness of upkeep.—ARTHUR K. MACK, New York.

I ran the machine more than 10,000 miles on the
same tires, and have covered 250 miles on 10 gallons
of gasoline.—GEORGE A. WHITING, Minneapolis. of gasoline.—GEORGE A WHITING, Minneapolia.

March 22, 1912—I just want to tell you that I am
driving a 1910 Hupmobile runabout with the same
air that was in the tires when they left the factory
in 1910.—W. D. SCHWARZ, M. D., Portland, Ind.4

Last year I purchased a Runabout Hupmobile, and
up to date it has cost me only 60 cents—and that
was not for machinery, but for varnishing.—FRANK
GRATES, Los Angeles, Cal.

GRATES, Les Angeles, Cal.

I have driven a Hupmobile 20,000 miles in the last two years; drove 16,000 miles without having machine in repair shop.—DR. D. E. GARVIN, Col. I am now driving Hupmobile No. 31, the first to come to Cleveland. This car has been driven upwards of 20,000 miles and averages 28 miles on one gallon of gasoline. I intend to run it the third year and consider it nearly as good as new, with the exception of a coat of paint.—GEORGE W. BILLING, TON. Cleveland, Ohio.

Possessing a much larger machine, I found, after I had acquired the Hupmobile Runabout, that the two automobiles cost me less to maintain than the amount I formerly paid for the large machine alone, —F. MINTO, Rome, Italy.

Car has done the work of a horse and buggy and lectric runabout, both of which I sold after getting he "Hup," depending upon it all winter to get round town through the deep snow. Have done so ithout trouble.—DELMAR F. BAER, South Bend: My car has been driven about 50,000 miles in the mardest sort of service, and is in good condition.

M. REYNOLDS FLOURNOY, Columbus, Ga. 7

## SPRING WATER ASSURED

RIGHT TO LAY PIPELINE IS SE-CURED FROM COUNTY.

Auto Club Will Donate 360 Cars for Entertainment of Visiting

Permission to lay water pipes along the county road from the spring to the club grounds was secured last the club grounds was secured last week by the Portland Automobile Club. This authority removes the last obstacle in the completion of the plans of the clubhouse committee of the mo-torists' organization. Work to bring the cool spring water to the site of the club's first home will be started this week.

the cool epring water to the site of the club's first home will be started this week.

Inability to locate a spring of sufficient size to supply the needs of the club near the clubhouse put the committee in a serious quandary. For a while it was thought that it would be necessary to fall back on the river water, which flows past the grounds. This would have meant a large expenditure for a filtering plant and would not give the results desired. At the last moment a large spring was discovered on private property a short distance from the Sandy road and about six blocks from the clubhouse. Right of way for a pipeline and permission to use the spring was obtained on the payment of \$50. Now members of the club are assured of having clear, cool, sparkling mountain spring water when they visit the clubgrounds.

"Construction work is getting along rand opening June 15," said W. J. Clemens, president of the club, yesterday. "The installation of the electric light plant has been started, and as soon as the debris from the building."

MORSON TARGET FOR WEST

Governor Says Land Man Runs Everything but Water on His Land.

"SALEM, Or. May 18.—(Special.)—"Morson runs the irrigation project, he runs the town of La Pine and he runs."

s cleared away the parking of the grounds will commence. Brush and

is cleared away the parking of the grounds will commence. Brush and trees in front of the house will be cleared away so that a view of the river and surrounding country can be had from the veranda.

At the meeting of the board of directors Friday it was decided to temporarily suspend the rule prohibiting the asking of members to donate machines for entertainment purposes. This rule was set aside in favor of the coming Eiks' convention. Three hundred autos will be asked for from members on this occasion.

New members have been elected by the score during the past month. The

the score during the past month. The club now beasts of a membership of more than 650.

SPOKANE COUNSEL QUITS Priction Shown in Letter of Resignation Effective June 1.

SPOKANE, Wash., May 18.—A. M. Craven, Corporation Counsel for the city of Spokane, presented his resignation today to the City Council.

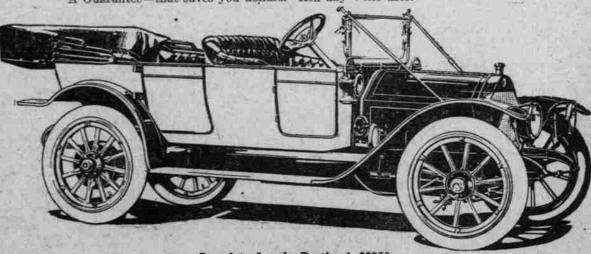
The Council had requested him to leave office on July 1. His resignation is to become effective June 1. Counsel Craven, in his letter, intimates that his leaving office is due to the fact that, under the charter, he was compelled to make legal ruling restricting the exercise of authority by the City Commissioners in civil service and other matters. The Commissioners assert the counsel allowed them to pass certain ordinances and then ruled that they had no right to take such action.

he runs everything in that section ex-cept any water on the land," declared Governor West yesterday in response to charges included in resolutions from the La Pine Commercial Club. "Neither resolutions from the club or

the La Pine Commercial Club, in fact, | from any other Morson-controlled Railroad Commissioner Miller has asked source will put water on Morson's wheel nor on his land," said the Governor.

Attorney-General Crawford to furnish an opinion as to whether the Commission has power to remove saloons lothe Oregon Electric in Portland.

The Car-worth every cent you pay for it, combining your every ideal. A Service Department-in closest touch with your every motoring problem, A Guarantee-that saves you dollars. Ask any Velie user.



Complete f. o. b. Portland, \$2350

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