

MONTANA TO BUILD ROADS FOR TRUCKS

\$11,000,000 Bond Issue Voted for New Highways.

FEDERAL AID TO BE MET

More Diversified Farming Seen as Probability With Network of Improved Highways.

Montana, part of which is sandwiched in between Yellowstone and Glacier national parks, has decided that while building hard roads for tourists has its advantages, there are also dollar-and-cents reasons for improving highways...

Trucks to the Rescue.

The railroads have been unable to keep pace with the growth of the state. This growth has been by big strides, the rich agricultural land being rapidly taken up by an influx of middle western farmers...

The awakened interest in hard roads promises to change this situation. For a long time the state has wanted to encourage diversified farming, it sees a rich field for those who care to enter the dairy field...

The \$11,000,000 authorized will result, it is believed, in a wholesome stimulation of the truck industry. With the completion of the projects many truck lines no doubt will be established.

Montana, however, is not going to stop with the completion of these projects, for even this sum will not iron out all the wrinkles in the mountain trails. So it is going to vote for a state bond issue of \$10,000,000 in 1920...

Park to Park Road Famous. Endowed with some of the most inspiring scenery in nature, the state has already established some splendid highways which are particularly attractive to tourists...

This road traverses the most attractive portions of Montana from the scenic standpoint, taking tourists through some of the largest cities. Great Falls is among these cities.

Montana depends on the same enthusiasm which built the Y-G line to make possible a network of highways in the treasure state which will be second to none...

NON-SKID IN FRONT, TOO

MICHELIN RECOMMENDS THE SAME TREADS.

This Practice Makes It Possible to Rotate Casings, With Resultant Long Wear.

Considerable discussion has grown up recently about the selection of tires with the proper tread for use on front and rear wheels. Many tire companies recommend the use of non-skid tires on rear wheels only...

The Michelin Tire company, on the other hand, recommends one type of tire for all four wheels. By the use, say, of the universal type on all four wheels, the motorist enjoys the advantage of being able to rotate his tires...

LICENSE FEES IN GEORGIA

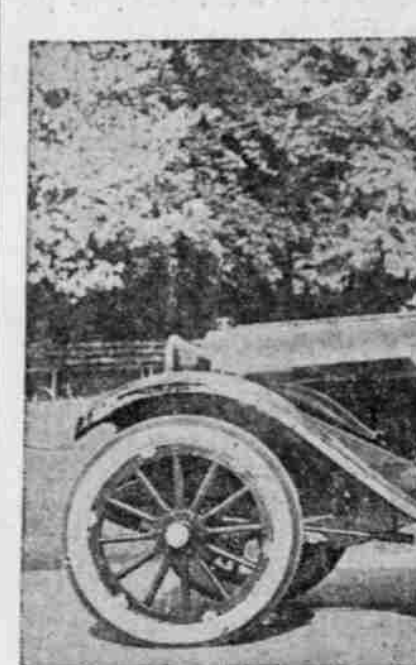
Proceeds to Go Into Fund for Building of State Highways.

The revised motor vehicle law just enacted by the Georgian legislature provides that more revenue from this source shall be spent in construction on and maintenance of a system of state highways or be used as a sinking fund to liquidate bond issues that may later be issued to build state highways...

SEWELL WHEELS ARE HERE

Portland Firm Takes Agency for Cushion Truck Wheel. W. T. Sewell, treasurer of the Sewell Cushion Wheels company of Detroit, while in Portland recently placed the agency here for Sewell cushion wheels with Carson, Fletcher & Gaines.

Mr. Sewell predicts a big demand for Sewell wheels in Portland and vicinity. He says: Sewell cushion wheels have won an important position in the operation of motor trucks. Truck operators have found them an important factor in the economical, uninterrupted operation of their



TAKE A GOOD LOOK AT THIS CAR, WHICH IS THE NEW 1920 DODGE.

Do you see anything different about it? Look at the arrangement of the top, which is about 3 inches lower in the rear. All these are features new in the car, at the wheel.

The body is also 4 inches wider in the rear seat, and curtains open and close with the doors. Hal G. Childs, sales manager for the Dodge Motor Car company. Note the 3-inch longer overhang of the rear fenders.

trucks. They are not an experiment, having been on the market for the past 11 years. There are today 30,000 Dodge cushion wheels in actual operation on all standard makes and sizes of trucks, operating under every road and load condition.

ANOTHER ANTI-THIEF PLAN

Cars With Serial Numbers Altered Would Be Seized.

D. H. Lewis, secretary of the Automobile club of Buffalo, has submitted to the New York federation recommendations which, he believes, if established, would be of great value.

NEW SALES MANAGER HERE FOR LEXINGTON CARS. Isaac Brun of the Brun Motor Car company, Lexington distributor here, has announced the appointment of E. H. Holt as sales manager.



acted into laws, would greatly reduce the number of cars which police officers, constables and state troopers be authorized to hold for 30 days cars found with the serial numbers removed or altered.

Another recommendation is that it be made a misdemeanor for any person to have possession of a star upon which appear defaced numbers or from which numbers have been removed.

Temporary landing fields have already been obtained at Modesto, Merced, Fresno, Bakersfield, Los Angeles, Riverside and San Diego. Others will be obtained at Sacramento and Stockton.

Only Army Aviators Engaged. Three aviators will make up the first flying staff. Qualifications for the appointment are very exacting and require that applicants must have been first-class army aviators and also aviation instructors.

Mr. Durant has picked as associates in his new venture a group of able executives. The vice-president is Frank Lowry, prominent in Pacific coast automobile racing circles, who officiated as starter in many important speed classics.

Advertisement for Willard Storage Battery Service Station, featuring the Willard logo and text: 'Next to Covey Motor Co. Marshall 3982-A 7901'.

DURANT FORMS NEW FLYING CORPORATION

Millionaire Racer Now Keen for Airship Game.

BIG BUSINESS IS PLANNED

Airplanes to Be Sold and Regular Transport Lines for Freight and People Operated.

OAKLAND, Cal., Oct. 4.—Within two months the Pacific coast will have one of the largest airplane corporations in the world devoted to sale and service of airships and transportation of passengers via aerial routes between cities.

His aerial experience dates back more than nine years. To those who haven't forgotten the initial attempt of Walter Wellman to cross the Atlantic ocean in 1910, in a dirigible, it may be stated that Aubert was one of the crew which manned this ill-fated ship. He has been continuously identified with aviation in various capacities since that time, and more recently saw service in the American flying corps.

Correspondence is being exchanged with Dr. Lee de Forest, inventor of wireless telephones, to learn how soon wireless telephone equipment can be obtained for all the airships to be operated by the Durant corporation.

Some of the leading French manufacturers are doing their best to kill the 1920 Grand Prix race. A meeting has just been held of the Chambre Syndicate des Constructeurs, which corresponds to the Automobile Board of Trade, when a unanimous vote was taken against racing in 1920.

The leader of the racing opposition is Louis Renault, the most important motor manufacturer in France, who has not taken part in any speed contest since he won the Grand Prix of 1906. The idea of the big manufacture, is that racing only tends to bring the small makers to the front, to the detriment of the old established firms.

Field All Dolled Up. The transportation of passengers will be in the largest aeroplane produced by Mr. Durant on all ships in the company's service. The hangars will be painted blue, the roofs white and the official name of the company will be painted on each roof.

Driving on a Flat. When it is absolutely necessary to run on a flat tire keep the tire in soft dirt if possible. If the trouble occurs on city streets run on the trolley track rather than on cobblestones.

When it becomes necessary to employ a team of horses to pull a car out of the mud or sand, the ultimate humiliation in any event, be careful to use as long a tow rope as possible. Not only does this permit the team to get a better footing, but it allows the engine to be used to help the animals, without fear of suddenly lunging forward into the team.

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Advertisement for Simoniz Simons Service, Oregon Distributors for Simons Products. A. G. PEARD, M. A. WURZWEILER, Owners-Managers. THE SIMONIZ STATION 175 21st Street. Next to Covey Motor Co. Marshall 3982-A 7901.

CARS COSTLY HERE, BUT NOTE ENGLAND

Price of Ford Touring Model Over There Is \$1100.

EVEN THAT IS REDUCTION

Ford, Company Arranging for Series of Depots in Every Important Center of England.

LONDON, Oct. 4.—Warren C. Anderson, the Ford company's new organizer of the British business, has just disclosed his policy. It embodies three important points: An immediate reduction in price. Exclusive Ford agencies with a standard of service and garage equipment apparently based on the Ford company's American standard.

Further, the Ford company is arranging for a series of all Ford depots in every important center in the kingdom. A dealer who elects to handle Ford cars in future has to undertake not to handle any other make of car, but to be an exclusive dealer, or to buy from the district allotted to them and Ford district will not be restricted to them, as it is quite within the option of the Ford company to appoint one or more authorized Ford dealers in any one important center.

Authorized Ford dealers are called upon to undertake not to alter or interfere with or add to the design or working of any Ford chassis. The company is spending upward of \$5,000,000 on alterations, extensions and improvements to the Trafford Park factory, where it contemplates the manufacture this year of 25,000 cars.

Trucks Run on Steep Grade. Stops and Starts Are Made on Slope Thought Impossible. Advocates of the system of applying power to all four wheels of a motor truck are jubilant over the recent performance of a vehicle of that class on an artificial grade, near Billings, Mont.

BIG CITY GARAGE PLANNED

Detroit Looks to Centralized Depot to Solve Problems. A centralized municipal garage for the housing and care of all city-owned motor vehicles is advocated by the department of motor transportation as the only solution of Detroit's motor ills.

When it becomes necessary to employ a team of horses to pull a car out of the mud or sand, the ultimate humiliation in any event, be careful to use as long a tow rope as possible. Not only does this permit the team to get a better footing, but it allows the engine to be used to help the animals, without fear of suddenly lunging forward into the team.

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Advertisement for Mr. AUTOIST TRUCKIST DEALER. We are now located in our new building TENTH AT BURNSIDE AND OAK. For the Sales—Service—Installation of the Alemite Lubricating System. What It Is! The Alemite Lubricating system is a system which has been adopted as standard equipment on over thirty of the best cars in the United States. Why? Because it enables a man to grease his car thoroughly in one-third the time required by greased cups. It forces the grease under 750 lbs. pressure into every bearing by a quick and simple operation. No grease cups to fill. No threads to strip. Does a better job in less time. Call and let us demonstrate and quote you prices. The Alemite Lubricator Company 10th at Burnside and Oak Sts. Broadway 3500.

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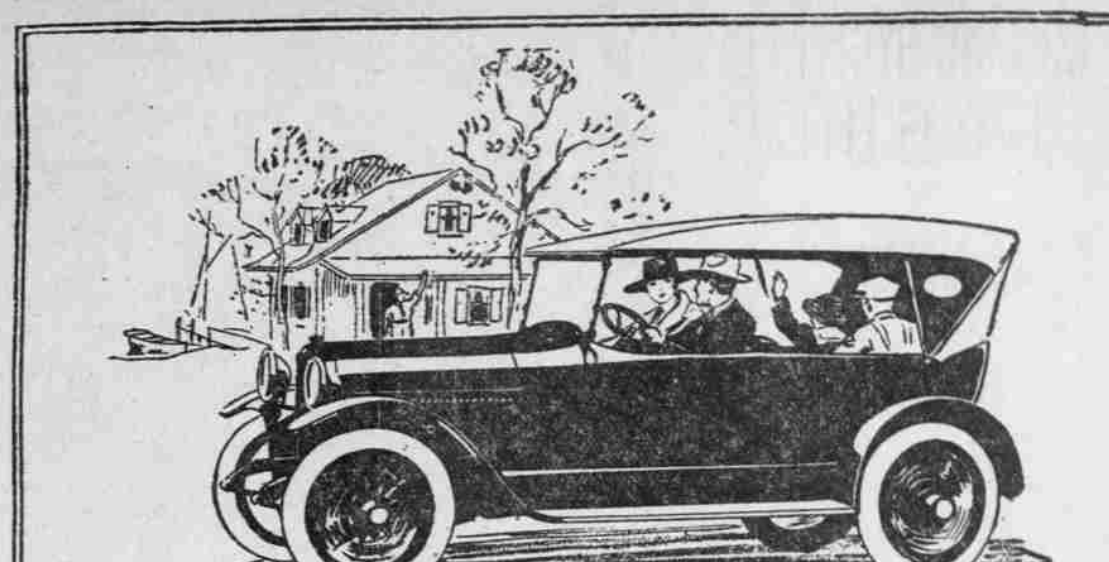
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Advertisement for Ninth and Everett, featuring a map of the area and text: 'Ninth and Everett'.



PAIGE The Most Beautiful Car in America. We do not make cheap cars for the simple reason that we have no faith in cheap materials or cheap workmanship. As we have said repeatedly, we believe that Pride and Self Respect have an actual market value, so we build these qualities into every Paige that leaves our plant. With such a policy there can be only one result. Our cars go into service with an honest heritage and a limitless capacity for hard, gruelling work. They endure because they are fit to endure. They prove, day by day, that they are worthy of an honorable name plate and the confidence that has been placed in them. PAIGE-DETROIT MOTOR CAR CO., DETROIT MICHIGAN

Cook & Gill, Inc., DISTRIBUTORS. Broadway at Everett. Broadway 2610.

FROM TENNIS TO TIRES

OREGON STATE CHAMPION HAS MASON LINE HERE. Portland Branch of the Mason Tire Sales Company Handled by Cathlin Wolfard and Associates.

Seth Leavens. Contemplating no decrease in its business this fall and winter the Portland branch of the Mason Tire Sales company has \$10,000 worth of tires on the road to Portland. Cathlin Wolfard, J. M. Bruhm and D. C. Clearwater, who recently took over this concern, whose salesroom is at 126 North Broadway, have the state rights for the distribution of the Mason tire.

Re-Treading. New Equipment Expert Workmanship Satisfactory Service. WET WEATHER IS HERE. Let us help you to get out of your tires all the miles the manufacturer built into them. SETH LEAVENS, GEO. F. HOWARD.

Leavens and Howard. 331 Couch St. near Broadway. Phone Broadway 3334.

Advertisement for USL BATTERY SERVICE STATION. DON'T 'JUNK' YOUR OLD BATTERY. USL BATTERIES are made for every model and make of car and sold on a 15-months' guaranteed adjustment plan. Wedelight in repairing those 'incurables.' And our repairs are made on an 8-months' guaranteed adjustment basis. We undoubtedly can put new life into it and make it give you another season's service. It will cost little to have us look it over; a slight adjustment may make it right. Don't stay away if it doesn't happen to be a USL—we carry a complete line of parts for every make of battery. HALL ENGINEERING CO. 1648 East Thirteenth Street, Portland, Oregon. USL BATTERY SERVICE STATION. U S LIGHT & HEAT CORPORATION.