

WOOD FOR WHEELS BECOMING SCARCE

Hickory Rapidly Being Used Up, Wire Coming In.

BOTH HAVE GOOD POINTS

Wooden Wheels at Present Cheaper Than Wire Ones, but Cost of Wood Is Soaring.

Though the average motor car owner does not realize it, we are probably entering on a new era as far as the wheels of his favorite vehicle are concerned.

For that matter, they are satisfactory enough, and if that were the only factor involved the present wooden wheels might never be superseded.

In the very early days of the motor car there was a tendency to follow bicycle practice and use wheels of wire.

There is little serious complaint to be made against wooden wheels when they are made of the proper grade of hickory.

Hickory No Longer Plentiful. Most owners neglect to give any attention to the hub bolts of their wooden wheels.

The real reason why the wooden wheel is likely to be superseded is simply the increasing difficulty of securing an adequate amount of second-growth hickory.

At the present time the closest rival of the hickory wheel in passenger car design is the wire wheel. This part is a radical advance over the original wire wheel.

Officer Praises Highway. Lieutenant impressed with river route. Texas man enthuses over Multnomah Falls dressed in its winter garb of ice.

Careful Inspection Necessary. However, it is necessary to keep wire wheels in proper order, not to permit the enamel to crack off at the nipples.

Owners of wheels fitted with wire wheels should give them a careful inspection every three weeks.

War Board to be Dissolved. Baruch Makes Recommendation With His Resignation.

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Cast Steel Wheels Tried. Pressed and cast steel wheels have achieved a real vogue in England, not only for trucks, but for passenger cars as well.

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In the case of wooden wheels sometimes the wheel gets out of shape, so that it is difficult to mount the rim.

or the rim may become distorted and the same trouble will follow. When this happens, place a jack against the hub and rim, which very quickly forces the rim into place.

HUDSON OWNER ENTHUSIASTIC. F. A. Tauscher Pleased With 13,000-Mile Record of His Car.

After two years of service during which it had traveled over 13,000 miles, a Hudson super-six automobile, owned by F. A. Tauscher, of the Doornbosch Manufacturing Company, has made its possessor a thorough Hudson fan.

VELIE FACTORY MAN HERE. MANY SATISFIED OWNERS ARE FOUND IN PORTLAND.

Drivers Well Informed About Construction and Operation of Cars, Says Visitor. E. H. Specht, mechanical department factory representative for the Velie Motors Corporation, Moline, Ill., manufacturer of Velie cars and trucks, and who makes his headquarters in San Francisco, has been in Portland the last few days, operating from the D. C. Warren Motor Car Company's place of business, 58 North Twenty-third street.

"My job is to keep in touch with Velie dealers and owners and to see that drivers of the car receive proper instructions and proper service out of their cars," said Mr. Specht. "Everywhere I go I find an increasing number of satisfied Velie drivers."

"The D. C. Warren Motor Car Company has sold a good many Velies in this territory during the three years that they have been in business here. We are finding that every owner is proving to be a salesman."

"The Velie truck also is finding a ready sale. Two thousand were sold to the French government for war service. The United States ordered first 1000, then 500 more, and not long ago 2500 three-quarter ton trucks, which it is understood will be used in the postal service, were ordered. The factory is now at work on the fleet of 2500."

"In my dealings with car owners I find that they are much better informed about the mechanical construction and operation than formerly and are learning all the time."

OFFICER PRAISES HIGHWAY. LIEUTENANT IMPRESSED WITH RIVER ROUTE.

Texas Man Enthuses Over Multnomah Falls Dressed in Its Winter Garb of Ice.

Lieutenant George E. Moore, of Waco, Tex., who has been stationed at Corvallis for some time past, spent a few days in Portland during the past week as a guest of Clement and Douglas Powell. Lieutenant Moore had often heard of the beauties of nature in this section of the country and it was his privilege to make a trip over the Columbia River Highway, which revealed to him some of the most wonderful scenic places to be found in all of his travels.

One of the most wonderful scenes which greeted the vision of Lieutenant Moore was Multnomah Falls garbed in its winter coat of ice. The spray which is continually cast from the summit of the Cascade Mountains into the gorge below, has been transformed into myriads of icicles, and their glittering beauty reminds one of a diamond palace.

The ride over this beautiful highway in a Maxwell car, and the wonderful beauties of nature manifest on every hand, impressed Lieutenant Moore so wonderfully with this portion of Oregon that he said it would be his pleasure to continue singing its praises upon returning to his southern home.

BRITON PLANTS CHANGE BACK. Airplane Motor Factories Will Make Automobile Engines.

The problem of turning over British munition factories to manufacture of peace products is not nearly so serious as that which confronted them in converting from a peace to a war basis, according to a statement of F. G. Kellaway, parliamentary secretary to the Ministry of Munitions. Several plants manufacturing airplane motors will make engines for motor cars and a Birmingham firm is changing from production of fuses and airplane parts to munitions to hosiery needles.

WAR BOARD TO BE DISSOLVED. Baruch Makes Recommendation With His Resignation.

In a letter to the President, in which he tenders his resignation as chairman, Bernard M. Baruch recommended that the War Industries Board be discontinued after January 1, 1919, and in acknowledgment receipt of the letter and accepting the resignation the President concurred in the suggestion for discontinuing the board.

AN IMPORTANT MESSAGE TO AUTOMOBILE OWNERS

We are pleased to announce the appointment of PACIFIC STATES RUBBER CO. as distributors of our entire line, which includes: Republic Pneumatic Fabric Tires, Republic Pneumatic Cord Tires, Republic Pneumatic Truck Tires, Republic Solid Truck Tires, Republic Inner Tubes (Red and Gray)

New location, 229 PINE STREET (Across From Pine-Street Coffee House)

also Republic Belting—Rubber and Balata, Republic Hose—All kinds in rubber and cotton, Republic Packing—for all purposes, Republic Molded Goods—of every description

At 51 FIRST STREET With our NEW representation we can safely assure our customers the fair and courteous treatment which has always been extended by us. SERVICE and a SQUARE DEAL will be the policy of our new distributors.

REPUBLIC RUBBER COMPANY of California PACIFIC STATES RUBBER CO. 229 Pine Street 51 First Street Phone Broadway 1088



REPUBLIC TIRES With STAGGARD Studs

HIGHWAY PROGRAMME BIG

MANY STATES TO BUILD ROADS ON BIG SCALE.

Bond Issues Provide Funds, Texas Having \$25,000,000 Available for 1919 Building.

From the reports constantly being received from the various states, it seems evident that there is going to be a resumption of road building on a scale even greater than those in closest touch with the situation had dared to hope, reads an editorial in Good Roads.

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Less definite plans have been announced for many other states. Road work has been held up everywhere for a long time and there is a very general disposition to make up next year for the time lost this year and last.

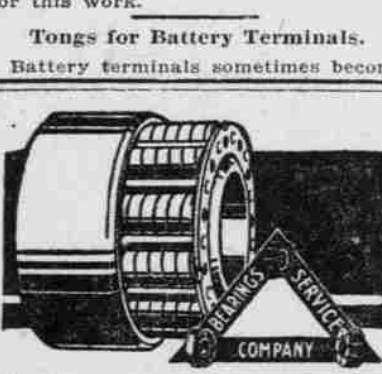
AGENCY HIGHWAY NEEDED. Improvement of Klamath Reservation Roads in Sight.

KLAMATH FALLS, Or., Jan. 4.—(Special.)—That a great improvement may be made in the roads on the Klamath Indian reservation north of here is assured as a result of a visit from H. M. Shippe, of the Indian Department at Washington, who has been in conference with W. G. West, is indicated by those who are in close touch with the situation.

WANTED. SALESMAN WITH CAR TO HANDLE A WESTERN ELECTRIC LINE. NEED NOT HAVE THOROUGH ELECTRICAL KNOWLEDGE.

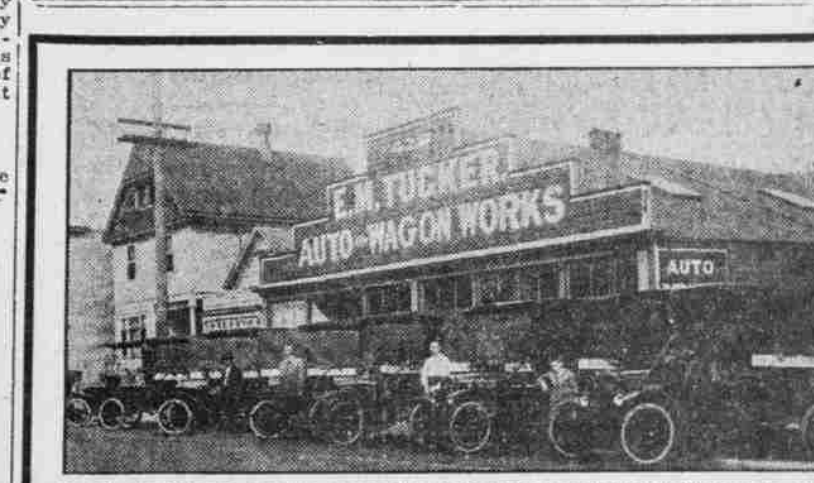
Call Our Office. WESTERN ELECTRIC COMPANY, E. Ash St. and Union Ave. Telephone E. 8250.

season that it was nearly impossible to get through; that the district lost large numbers of visitors who would otherwise come this way, and that there was little use of the county building improved highways now being planned when one of the main links was allowed to remain as in the past.



NATIONAL AUTHORIZED SERVICE for HYATT Bearings ALSO FOR TIMKEN AND NEW DEPARTURE BEARINGS SERVICE COMPANY Portland Branch 24 N. Broadway Phone Broadway 1799, A-2444

so tightly in their sockets that it is difficult to remove them. A pair of tongs which will make this task easy, however, may be made readily from an old pair of wide-faced pliers.



E. M. TUCKER AUTO AND WAGON WORKS, 429 BELMONT ST. Thirty years ago E. M. Tucker, then a young man of 22, came to Portland from Toronto, Canada, securing employment with the old firm of Anderson & Gray, later O. H. Anderson, located at Sixth and Burnside, at his trade of coach and wagon building, remaining with them for over 12 years.