

along the Pacific coast, crossing the Siskiyous and on to San Francisco, Los Angeles and return to San Francisco. There they took a boat for Hawaii where two weeks were spent touring the

island. Returning to San Francisco they again shipped, this time to Panama. After "hitting the high spots" of the Canal Zone, they embarked for New Orleans. Leaving New Orleans they took a side trip to Florida and then started north. Now through the southern and midwestern states, they traveled-their objective being Duluth, Minn. From Duluth they turned and started for home where they arrived on the anniversary of their departure.

## EXPENSES UNDER \$4 A DAY

The young men kept careful account of their costs: Their expenditures for night's lodging, amounted to less than \$4 a day for both. They purchased 1382 plus work done. gallons of gasoline and 25 gallons of The same cond

lubricating oil. They carried a small tent which proother impedimenta. They started out to is up, or in other words, it does more "rough it" and adhered to that resolu- work. A five-inch tire flexes or bends ont

both of you have a heavy car of the same make with two five-inch cord tires of the same make on the rear wheels of each. If the weight of each car is 5300 pounds, without passengers, each of these rear tires must carry a weight of 1415 pounds with passenger weight

added. To make all conditions equal suppose the inflation pressures are exactly the same and that the tires are shifted from one side to the other from time to time. In such a case, eliminating accidents, the tires should deliver exactly the same mileage. If two of these tires are compared

with a pair which must carry only 900 pounds, it is readily seen that the last tires carrying the smaller load are do-ing less work per mile. It is to be expected then that these two tires will deliver more mileage through an qual

not in terms of miles alone but in miles The same condition holds true when pressures vary. When pressure goes vided shelter at night, but very little greater extent than when the pressure

he tire car

tion throughout, carrying no change of 1096 times per mile or over 1,000,000 while all previous sales, production and onter clothing. They wore khaki suits, times per 1000 miles. Any great move- registration figures were smashed by kes a tre-920, exports

motive Industries in its current issue, which says:

Startling Decline Is Shown in Export Business; Many Big

Orders Lost to Manufacturers.

New York, May 14 .- Big automooile manufacturers who are now endeavoring, after partial or total shutdowns, to resume operations on a

large scale, are facing a serious problem in the startling decline in American export business in the last few living, including food and an occasional service. Tire service is properly judged months due to the restriction of foreign credits.

The real seriousness of this difficulty may be seen from statistics just comdown in a tire, it flexes or bends to a piled by the National Automobile Chamber of Commerce for its 1921 issue of Facts and Figures, which show that,

not only kept pace, but increased from 4

"Automobile shipments from 50 of the largest factories increased 27 per cent in April over March." Shipments decreased 23 per cent in April, 1920, under March. Shipments approximated 64,900 cars. "Ford production for April was 91,370. This was more than 70 per cent of the business done in April, 1920, one of the

slowed up somewhat because of bad weather, but there is no indication of lack of interest. Truck shipments are steadily increasing.

"Leading automotive parts manufacturers are averaging 50 per cent production and report April collections were the best in many months."

**Two Mechanics Buy** Garage at Eugene

mail.

been broken by R. N. Judd at the Brooklands track. His performance sets the Eugene, Or., May 14 .- J. W. Michaels kilometer world's record at 25.9 seconds. and L. J. Ogden, mechanics in the em-ploy of Vick Brothers garage here, have posite directions in accordance with the bought out the firm and will conduct rules.

office department says.

American Records

Broken at English

Motorcycle Track

London, May 14. - Two international

The mile record now stands at 43.1

Cline

Two Way Light

Judd's fatest kilometer

Martin twin motor mail planes put automobile camp ground here is virinto service in the winter of 1919 have tually finished. This is to be a free exceeded 25,000 miles of service. Plane camp site for automobile tourists No. 201 of this type has flown 27,757 miles at an average speed of 75.3 miles an hour. Plane No. 202 has seen 25,593 and is equipped with stoves, water, free wood, tables, swings, electric niles of service at an average speed, of

89.3 miles an hour. Both of these two lights, washrooms-in fact, everyplanes are being repaired and overthing possible for the comfort of the hauled and give promise of getting into the 40,000 to 50,000-mile class, the posttourist.

The grounds are nicely located and convenient to the highway, and it is a

wery pretty spot. With the new \$35,000 ferry for carry-ing automobiles across from Astoria to the North Beaches and the new highway leading into North Beach from Chehalis and South Bend nearly completed, Sea-view and all of North Beach are expecting banner crowds this summer, and are making full preparation to handle the largest crowd North Beach has ever had.

motorcycle records, for machines of 30.50 cubic inches piston displacement, The new ferry, which is expected to be in operation tomorrow, will run three established by "Gene" Walker at Daytrips a day. It has a 'capacity of 15 tona Beach, Fla., on April 15, 1920, have Now that the free automobile camr

site is finished Seaview will start work on the children's playgrounds and tennis courts, and other improvements, all which will be completed by the first

Long Beach and Ocean Park have

both completed their free automobil

insist that every dollar shall buy its full value. So great is the demand that today in our big factories at Kokomo we are employing 16 per cent more men than ever efore, even in the big ruch days o

ast year and the previous one

are scrutinizing their purchases. They

The total automobile revenue for 1931 n New York state is estimated at \$11,000,000

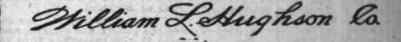


-THE SENSATION--OF THE SEASON--SEE IT--THAT'S ALL-



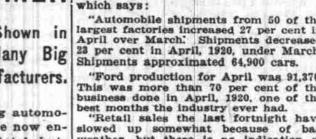
**Owners** of many Federals operating in and around Portland show total repair costs of less than \$2.00 for periods up to nearly three years.

Many earlier models. some 11 years old-are operated at a cost so low as to compare favorably with their 9th and 10th year brothers.



Since 1903 BROADWAY AT DAVIS SERVICE

coastwise organization with nches at San Francisco, Oak-



Both McLaren and Hollingsworth were mendous difference. Miller tire officials enthusiastic about their trip and said say this difference in pressures also acthey would like to do it again. There was no condition of climate or

had bed that we did not encounter durig the trip, yet never once were we elped," said McLaren. "Low and high altitudes, clay, mud, sand, mountain grades-they all looked alike." "McLaren is now feeling great and both of us are 'hard as nails,'" said Hollings-worth. "A trip of the kind we have taken may involve hardships but the body and mind are infinite. It was all distinctly worth while and I would like' to do it again."

Motorcycle Carries Big Rock Crusher Arrives at Eugene; To Pave McKenzie The Metropolitan district commission of Massachusetts has evolved a time-

Eugene, Or., April 14.—With the ar-rival Monday of the big rock crusher going to headquarters, the commission from the East, it is announced, the ma-chinery needed in the surfacing of the cycle and sidecar is used for this work McKenzie highway is complete and with a police lieutenant acting as paywork will start as soon as the crusher master and a patrolman doing the drivcan be hauled to the site above Blue ing. Each week the outfit makes the rounds of the Metropolitan park district. Not only does this save time for the comriver. It weighs 12 tons and has a capacity of 200 yards a day. Work will so on rapidly, according to Sims & mission but it also saves carfares for the Carlson, contractors, as everything else workers. The workers can always be is in readiness for the arrival of the easily found and it takes only a few seconds to pay each man. crusher, The road will be surfaced with crushed

rock of a maximum size of two inches. The gravel is calculated to make a filland with three heavy rollings, a measures are being taken this year by good hard surface is expected. The the dominion forestry branch to deal road to Belknap springs will not be with outbreaks of fire in the forest reclosed while the work is going on, it serves of Western Canada. Six air-bad condition. Southern Al-berta, two main flights being made

Motor freight terminals are now estab- and the other south. Extra staff and lished in Cleveland, Cincinnati, Balti-more, Grand Rapids, Louisville, Minne-frequent flights when there is fire dan-\$175,000,000 over 1919. Included in this lished in Cleveland, Cincinnati, Baltiapolis, New York and St. Louis. ger.

KEATON NON-SKID

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INCREASED

counts for the fact that opposite tires per cent in 1919 to 71% per cent in 1920. carrying the same load and with the Out of a total of 2.205.197 vehicles prosame operating conditions may not give duced in the United States last year, inthe same mileage, though they give the cluding both passenger cars and motor same service. It is easily proven in factory tests

that an underinflated tire is several degrees hotter at the end of a run than a properly inflated tire, owing to the increased internal friction of the underinflated tire consuming more energy. This cuts down mileage but not the service the tire is giving.

trucks, nearly 171,000 were exported, or in the preceding year. MANY BIG ORDERS LOST But with the foreign credit stringency at the critical point to which it has come,

buyers from other countries are no longer able to place orders in the same quantities. Instances can be found on Money to Employes every hand of losses of big orders because the American manufacturers cannot finance them. Especially in view of

the fact that the big factories are working only to meet the daily demands of saving method of paying its help. Intheir dealers, the effect of a large cur-

tailment in a branch of their business that meant more than 7 per cent of its total last year, is evident. Export agents and sales managers in the automotive industry are asking hemselves what they are going to do f they are to regain and maintain the record-breaking level of last year's busiess. Most of them are turning, as the only apparent solution, to the extension of long term credits to American manufacturers and foreign buyers under the plan recently authorized by congress in

**Plan Plane Patrol** COMMITTEE MAKES SURVEY Calgary, Alta., May 14 .- Elaborate

A survey of the automotive field made by the committee on organization of the Foreign Trade Financing corporation, the largest of the corporations being formed under the Edge law to foster foreign trade through the extension of these long term credits, shows that the daily in ordinary weather, one north value of exports in this field in 1920 was

total are figures for passenger cars, trucks, motorcycles, parts, gas tractor

Ah, Here We Are!

Bartenders' Union,

(By Universal Service.) New Haven, Conn., May 14.—The now rather antique gag: "What has become of the Bartenders' union?" received an answer here today. It is still alive and kicking-no, the kick has been taken out

New Haven's local of the Bartenders'

mion held a meeting today. The health inspector disclosed the fact

that the bartenders are much more

of it-but it is still alive.

Alive 'n' Healthy

the passage of the Edge act.

engines and tires. With such widespread markets having taken American motor products in such vast quantities, the export agents are emphasizing the necessity of helping foreign buyers through the extension of long term credits so that American cars may lose nothing in prestige during the period of readjustment in the next few years. American motor vehicle manufacturers fear nothing in their home markets from foreign makers, but they realize they must be wary of competi tion of foreign manufacturers in foreign

## **Italian Seaplane Service** The press reports that a seaplane serv-

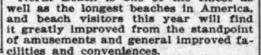
the business as the Tourist garage.

ice is about to be started between Brintwice the number sent to foreign buyers disi, Corfu, Crete, Derna and Alexandria. diminutive machine. The machines are of Italian manufacture and will carry both passengers and

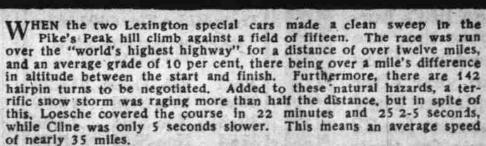
Gasoline is now selling for 27 cents gallon in Chicago.

camp sites in addition to tennis courts. miles per hour, and his fastest mile in Ilwaco expects to start work on their 41.2 seconds, a speed of \$7.38 miles per free automobile campsite immediately hour. The machine used by Judd was and have just finished a first class ball a single cylinder Norton with side-bygrounds. North Beach is one of the finest as side valves. American engineers are intensely interested in this performance by

was



Lexington's Double Victory at Pikes Peak



Pike's Peak hill climb against a field of fifteen. The race was run

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healthy with prohibition than in the **TO 10,000 MILES** "good old day." He said the organization has only one member on the sich Although the local union has lost many of its members through changes in busi-ness many still cling to the old organiza-**KEATON TIRE & RUBBER CO.** tion for the sick and death benefits. Former bartenders who have become soda clerks still retain their union buttons and call themselves bartenders: Sixth and Main Streets Foreign motorists are opposed to merican practice of constantly chi