FRANKLIN RECORD OF PRODUCTION IS HIGH

Closed Cars Leap From 189 to 6000 in Five Years.

FIRST MACHINE IN 1907

Sedan Built on Ability in Open Road Driving-Many Advantages Are Claimed.

your springs were weak before, the elastic limit of the steel would be exceeded at the first hard bump and breakages would result, especially if your springs are old and apt to be crystallized.

Then as springs do not wear out and lubrication is not recommended unless springs are more than strong enough, what other attention of importance could be given to springs? Cities' Landscape Architects As stated springs require little attention, and as a rule get none. I am convinced beyond a doubt, however, that there are more springs broken due to loose spring clips than any other cause.

"The bearing surface which is the

"The bearing surface which is the "The bearing surface which is the center of the spring is not substantially held to axie seat due to loose clips, permitting the several leaves to shift, and especially putting the most strain on the stiffest leaves or plates. As a result one or more of the leaves carrying most of the load usually break, and unless these broken leaves are detected by the driver at once, and replaced with new ones, the spring is weakened to such an extent that the first bump will break From a production of only 189 enclosed cars in 1914 in addition to open
types to nearly 6000 enclosed cars in
1919, is the exceptional manufacturing
and sales record of the Franklin
Automobile company of Syracuse,

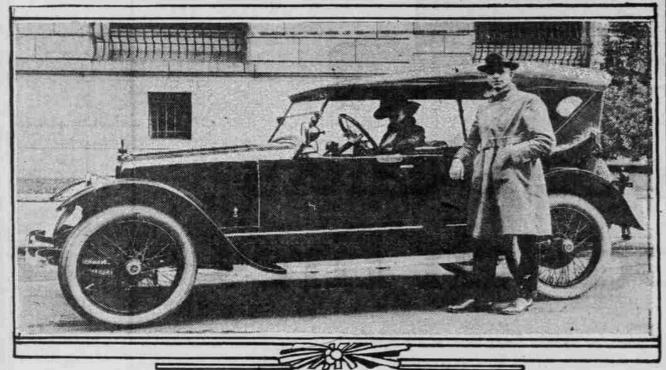
SPACE FOR

Confronted by Congestion.

SAFE ISSUE IS PUT FIRST

flow Shown in Most Amer-

HERE'S SOME GIFT TO GET IN THE CHRISTMAS, STOCKING.



Mrs. J. Arthur Norman, 582 East Nineteenth street North, came downstairs Christmas morning to find this hand-some Templar four-passenger Sportette model parked at the front door, a Christmas present from her husband. In the picture Mrs. Norman is at the wheel of her new car, and standing beside it is E. E. Wilson of the Wray Motor Car company, Templar distributors here, who sold the car. Incidentally, Mr. Wilson made a sort of specialty of delivering Templars for Christmas, another Christmas Templar going to J. C. Moores of 545 East

N. Y. which started five years ago
to fill the anticipated demand for this
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the first of the first fi to chauffeur operation it would not cut much figure in the business. The advantages of the enclosed

type for general use quickly became self-evident and the Franklin company took advantage of the demand in developing this type in developing this type.

The Franklin factory just began to swing into production in 1914, when 183 cars were built. Many obstacles

were overcome and the car was not put on the market until it tested true to the perfection already established at that time in the other Franklin Output Takes Jump.

The enclosed car output in 1915 was 96; in 1916 it was 444, and in 1917 406; in 1916 it was 144, and in 1918 and 1918 it took a sharp jump to 2455. The war prevented manufacture for a time, but for the calendar year, beginning at about the date of the signing of the armistice, the enclosed car mark will reach 5666.

Of the number produced the schedule calls for 4466 sedans, striking tescar business will be of the brougham, a four-passenger enclosed type.

The thing on which the popularity of the Franklin sedan was built is its manager of the show, committees manager of the show, committees have been named and plans will go be pointed out that the comparative for the state of the show into consideration is that of convenience and safety, it may also be pointed out that the comparative of the Franklin sedan was built is its manager of the snow, committees have been named and plans will go weight only 2745 pounds, gives the Franklin a tremendous advantage over other enclosed models, and other sedans are bought largely for year-round use. On tour, the Franklin sedan makes better records than Albany Automobile Dealers' associamany touring cars of other types are able to accomplish, and the familiar principles of economy in gas and tire mileage are borne out to the fullest.

KEEP SPRING CLIPS TIGHT

LOOSE PARTS CAUSE BREAK-AGE, SAYS A. J. LAHER.

Spring Manufacturer Also Not Enthusiastically in Favor of Lubricating Springs.

What part of an auto or truck get more abuse than the springs?
One might name the tires. But rubber is hardly comparable with steel, ber is hardly comparable with steel, and in the tire there is sufficient material allowed to permit the wear and tear of hard service, and still carry the load it was intended to carry, and to such a time, that the tire is to such a time, that the tire is material for strength. The tire gets almost daily attention; it is constantly watched as to cuts and wear and is properly inflated.

properly inflated. "The spring gets attention in most cases when you hear a sharp report and the fender rests on the wheel It is true springs do not require much attention, and for that reason they usually get none," says A. J. Laher, president of the Laher Spring company, the largest auto spring manufacturing concern on the Pacific

"We are told by numerous advertisements of spring lubricating de vices, to lubricate springs to prevent breakages. Some of us who are not in the spring lubrication business, do not agree with them on this point, and in fact we claim lubrication to have just the reverse effect on springs. In fact, we have never muc you take the friction away from be-

FEBRUARY 13 AND 14 DATES FOR AUTOMOBILE EVENT.

Earl B. Day Made Manager of Motor Car Show, Which Probably Will Be Held in Armory.

ALBANY, Or., Jan. 3 .- (Special.) -Albany automobile dealers, who staged a successful auto show here timony to the popularity of that model. The remainder of the closed car business will be of the brougham,

> Albany Automobile Dealers' associa-tion at its annual election this week. the stores. Last year's show was held in the armory and it is probable the 1920 show will be held there, too; but if snow will be held there, too; but if so the entire floor space will be devoted to showing automobiles and a separate display room will be obtained for trucks and tractors. Music and entertainment features will be provided in connection with the show. Adapte will be one features

Shortridge and Rolla Ralston.

has naturally been slow. The city architects who laid out 99 per cent of the towns and cities of the United States had no thought of such a de-velopment to keep in mind and in consequence the man who has charge of town planning today has an en-tirely new factor to consider.

the attention of Massachusetts authorities on this subject and inquiries have been directed to the national automobile chamber of commerce which contain much that will be of interest to authorities everywhere.

What areas may be advisably given over to parking in the city is one of the questions asked. What is the space required for the various types of motor trucks and automobiles, is another. Then, too, there is the factor of the safe clearance space required for moving and standing cars in the street, while the part which through traffic may play in the trafin the street, while the part which through traffic may play in the traffic of any city is also a serious ele-

have been named and plans will go forward promptly.

Lloyd Templeton of the Albany garage was elected president and E. L. McKern of the Kirm-McKern Motor company was elected secretary of the will seek the mart where he may most safely dispose of his vehicle with the comparative facilities which a city has for the care of vehicles may have a decided bearing on its economic life as, naturally, the safely dispose of his vehicle with the comparative facilities which a city has for the care of vehicles may have a decided bearing on its economic life as, naturally, the buyer who uses an automobile will seek the mart where he may most the care of the

They Get Food Staples at Prices Way Below Market.

Many large companies having the welfare of employes at heart are ald-ing to give the H. C. of L. a knockout punch. This movement to have em-Show. A dance will be one feature.

Committees for the event have been named as follows: Rules and regulations—Charles Kirk, Claud H. Murphy and R. W. Tripp; advertising—Rolla Raiston, G. T. Hockensmith and Clarence Collins; show yoom and dear the country. One of the foremost in this work is the Goodyear Clarence Collins; show room and decorations—Claude Lewelling. W. H.

Bacon, E. F. Anderson, Clarence Collins and Orin Anderson; dance and entertainment—Kenneth Carter, Floyd

Bacon, E. F. Anderson, Clarence Collins and Orin Anderson; dance and entertainment—Kenneth Carter, Floyd

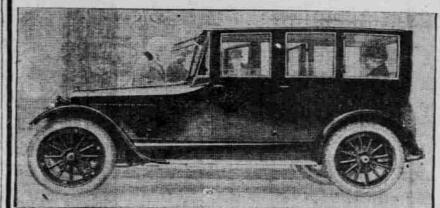
Were purchased and sold at low prices

HAULING APPLES TO SHIPPING POINT BY GARFORD TRUCK



carrying a combined load of nine tons of apples. With the coming of cold weather the great mobility of motor trucks saved heavy losses to orchardists in frozen apples. This photo was taken at La Grande, Or., which is quite an apple ahipping point. The truck was operated by Paul Welch of

Liberty Superiority Distinctly Noted in the New



LIBERTY SIX

Not only in appearance, which denotes individuality and artistic perfection of design, but in the way this superb sedan rides and drives is Liberty "Difference" unmistakably evident.

The silent, velvety gear shift, the absence of body rumbles, the smoothness and power of the softly purring motor-all indicate ultimate perfection of design, accurate balance of mechanism and accurate workmanship.

For the utmost in automobile comfort and satisfaction, drive the

LIBERTY SIX

IMMEDIATE DELIVERY IF YOU DO NOT DELAY

W. H. Wallingford Co.

FRANK BROTHERTON, Walla Wall, Wash.

"No sacrifice has been made in re-liability. A new generator of in-creased capacity will meet the re-The Pierce-Arrow dual-valve six, acknowledged to be the highest type of automobile produced, has been bettered. This is the announcement made by C. C. Fagan of the Charles C. Fagan company, Pierce-Arrow distributor.

Of the charges which wast the generator immediate the requirements of the battery. There will be little chance of a battery becoming completely discharged, and only in this state would ignition be affected. A weak battery possesses sufficient current for ignition and once the engine is started the generator immediates.

MORE EVIDENCE

BRUTE STRENGTH

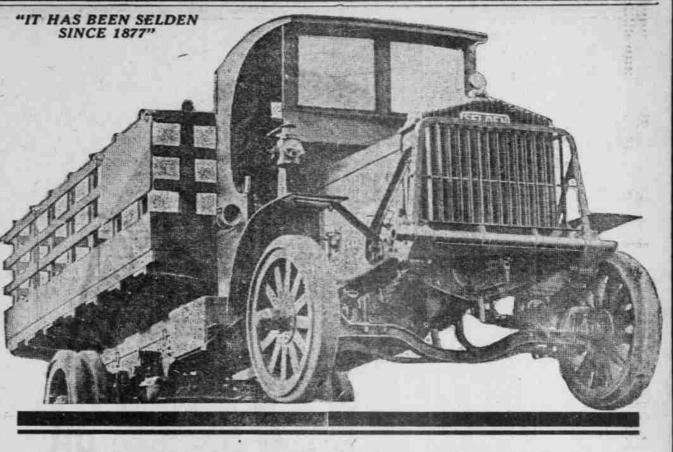
That prime necessity in a motor truck—is built right into the

"Also Buys a Master"

"The new couble-battery system was incorporated in the dual-valve trade report.
six only after exhaustive tests had The first been made by the company's engi neers. It was adapted to Pierce-Ar-row design after Liberty airplane ractice had proved its reliability a design. lic with a confidence that it he former system, bosides retaining

"The new transmission marks another forward stride of similar im-portance. It was designed to facili-It was designed to facilitate gear changing."

\$70,000,000 for California Roads SAN FRANCISCO, Jan. 3 .- Califorment are manifold," said Mr. Fagan. through the ald of magneto ignition.
"The new system is as reliable as the in reality the battery, although weak-magneto-battery system and fully overcomes the difficulty of sypchropressions to be in the interview of the sould be in the battery although weak-strong was a special be in the battery, although the battery. The construction, according to Ben Blow, manager of the good roads bureau of interview in the battery in the battery although the batte



NOW COMES THE SELDEN

Back from the Marne and the Somme, after three and a half years of faithful performance in the greatest tragedy of mankind, comes the SELDEN; thirteen thousand of these wonderful trucks did their bit for Uncle Sam.

Engineering principles, backed up by American genius of the highest order, has produced the SELDEN and earned for SELDEN TRUCKS the enviable record for performances which they hold the world over.

Increased manufacturing facilities prompted the manufacturers of SELDEN Trucks to annex additional fields for the sale of their products; therefore, we NOW offer for the consideration of truck operators in Portland and Oregon territory the powerful line of "In-Built-Quality" SELDEN WORM DRIVE TRUCKS of 1½, 2½, 3½ and 5-ton capacity. The first carload to arrive here about January 15th.

CONDENSED SPECIFICATIONS

MOTOR—Continental, waterproof high-tension magneto.

CLUTCH—Selden-Brown-Lipe, dry plate, multiple plate disc, completely enclosed.

TRANSMISSION—Selden-Brown-Lipe selective, sliding gear type, mounted amidships. Nickel steel gears of chrome-nickel shafts, mounted on Timken bearings.

REAL AXLE—Timken, full floating, worm gear mounted in single piece; scientifically constructed one-

piece steel housing.

FRONT AXLE—Timken drop-forged "P beam. Tie rod behind axle. Timken bearings throughout, SPRINGS—Perfection.

FRAME—Pressed steel.

STEERING GEAR—Gemmer, semi-reversible, heavy worm and sector type, 20-inch steering wheel. All wearing surfaces of Selden trucks are bronze-bushed, impregnated with graphite for lubrication, a high factor in low upkeep cost.
EQUIPMENT—Motor-Meter, Hub-Odemeter, lamps, warning signal, tools, standard finish.

Some Good Territory in Oregon Available for Responsible Dealers. Write for Information

BUTLER MOTOR CAR CO.

a few weeks ago, now plans to make passenger cars, according to a recent

The first truck was completed a in the United States in 1896.



ZAN BROS., Inc., and The J. K. GILL CO.

Just recently Zan Bros., Inc., 52 Front St., manufacturers and jobbers of brooms, brushes, baskets, etc., were considering the purchase of a light delivery truck. On being given the names of various

local firms using REO SPEED WAGONS for delivery purposes, they called up the J. K. Gill Co. and inquired about the service their REO SPEED WAGON had given. We do not say that Zan Bros. bought

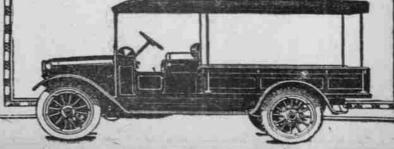
a REO SPEED WAGON solely on the recommendation of the J. K. Gill Co., but the incident serves to confirm our oft-repeated contention that

The service REO SPEED WAGONS render makes it a pleasure for users to recommend them to intending purchasers.

It is but seldom that we can offer immediate deliveries on REO SPEED WAGONS, but it so happens now. This situation will not last very long -it is advisable to secure yours without delay.

Northwest Auto Co.

DISTRIBUTORS "The Line Complete" Alder at Eighteenth Portland, Or.



Two Drives { INTERNAL GEAR TIMKEN WORM Oregon Motor Car Co. Distributors

11/2, 2, 31/2 and 5

Tons

MORE EVIDENCE

BROADWAY AT BURNSIDE