

VACUUM FUEL FEED IS BEST FOR AUTO

All Things Considered, It Has Most Advantages.

GRAVITY SYSTEM POPULAR

But Old Gravity Feed Method May Leave Engine Without Gas in Climbing Hills.

When the automobile show opens its doors a few weeks hence, we are likely to find the subject of fuel feed as nearly standardized as possible in such a mixed fabric as the modern gasoline automobile.

Some Disadvantages, Too. Against the gravity system must be recorded certain definite disadvantages. When the tank is under pressure, it is necessary to route out all or rather both the occupants, each time the receptacle is filled.

Under the commonly used design the fuel is forced to the carburetor under pressure of air, pumped into the tank by means of a mechanically operated pump.

But a Leak Raises Cain. As noted, pressure feed is positive as long as the system is functioning properly. But if a leak develops in the line, the pressure drops below the necessary point and the owner is in for trouble.

car dealers shall take out licenses in their cities and towns. Up to date, nearly two months after it became a law, there are many dealers through the state who have not been licensed.

WINTHER TO BUILD NEW CAR

ANNOUNCEMENT MADE THAT SIX WILL SOON BE ON MARKET.



ASTORIA SURGEON, BACK FROM NAVY, DRIVES HUDSON SUPER-SIX.

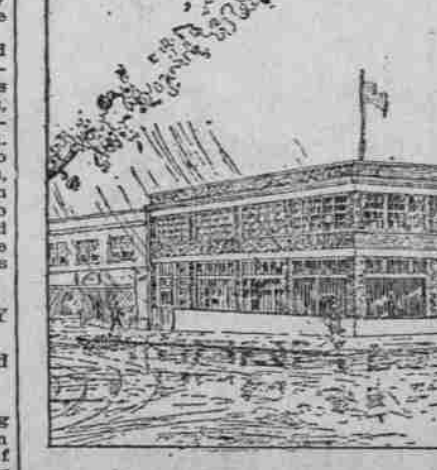
FINE RECORD MADE AS CHIEF OPERATING SURGEON AT UNITED STATES NAVY BASE HOSPITAL AT BREMERTON, WASH.

ADJUST THE BRAKES NOW

JUST SUPPOSE YOU WERE IN BAD AUTO ACCIDENT.

Best Time to Prevent Such Things Is Right Now, When Trouble Taken Is Slight.

AND STILL THEY COME—HERE'S YET ANOTHER OF SCORES OF NEW GARAGES IN PORTLAND.



This is the new garage building of the Oregon Auto Repair company, at Sixteenth and Gilliam streets.

COLD WATER IS BEST FOR CLEANING AUTO

Use of Soap Declared Harmful to Body Finish.

DRIED MUD CUTS VARNISH

Unless Dirt Is Removed from Car, Body Will Quickly Become Mottled and Streaked.

The engine of a car can be mistreated frequently before it begins to complain, but the finish can be mistreated once or twice—then there is no finish left to mistreat.

ASTORIA SURGEON, BACK FROM NAVY, DRIVES HUDSON SUPER-SIX.

to specific gravity in the specifications, the gravity test having some time ago been abandoned.

ZERO TEST OIL SAVES WEAR

Cylinders Always Lubricated by It in Winter Weather.



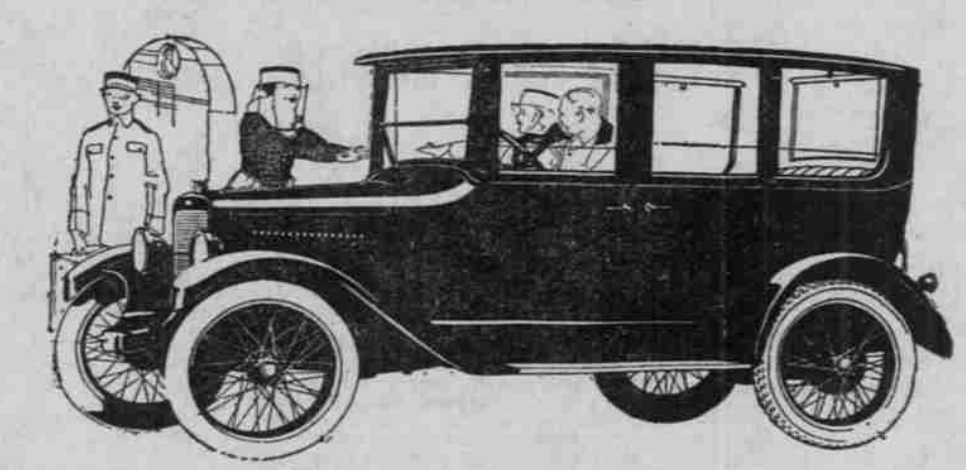
With the Wonderful New Springs You Skim Over the Rough Spots

THE new three-point suspension Triplex Springs of Overland 4 make it a totally different kind of car.

It is wonderfully easy riding because these new springs ward off the bumps of the road. Riding seems like floating.

It is light in weight and therefore economical of tires and fuel. Economical also in upkeep because the springs protect car and mechanism

from the wearing shocks of the road.



Willys-Overland Pacific Co. Broadway at Davis Street. Phone Broadway 3535.

edge of not knowing how to wash a car will go farther toward ruining the appearance than any other thing.

to the poorly lubricated engine brings it forcibly to their attention. An engine started with congealed oil runs for some time without sufficient lubrication until the thickened oil can be heated and its fluidity restored.

HERE'S JAZZY LIGHT SIGNAL

California Inventor Works Out a Scheme of Cluster Lights.

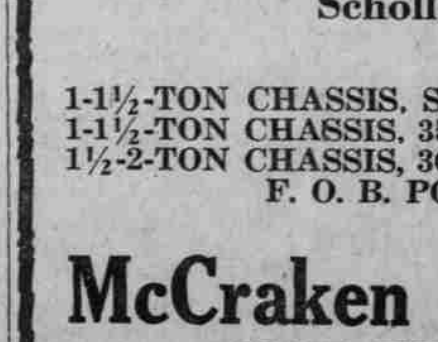
IMPERIAL, Cal., Dec. 27.—Jose de Barros, a Portuguese of this city, was last week awarded a patent on an automobile signal, which consists of a cluster of lights on both sides of the car.

GASOLINE STANDARD RAISED

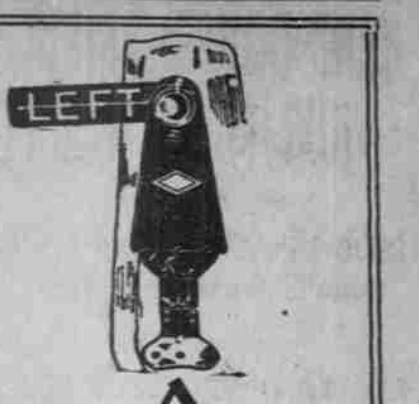
No Specific Gravity in New Government Specifications.

WASHINGTON, Dec. 27.—Now gasoline specifications for government use have been adopted and will go into effect at once.

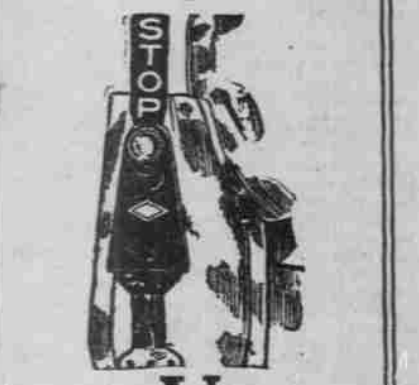
AND STILL THEY COME—HERE'S YET ANOTHER OF SCORES OF NEW GARAGES IN PORTLAND.



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AVOID ACCIDENTS



USE THE KOBZY SEMAPHORE SIGNAL

USL THE UNITED STATES LIGHT AND HEATING CO. BATTERIES



Some Exclusive County Territory Still Open 911 CHAMBER OF COMMERCE Phone Main 3437

the side light is red. The signals are manipulated by switch buttons conveniently located on the steering wheel.

Under these specifications the end point is raised to 47 degrees Fahr. and the 90 per cent point to 37 degrees Fahr.

Have your brakes inspected regularly. Ask if they are lined with one of the standard brands of lining. Better still, some repair men furnish a card showing date of adjustment and name of lining.

Dependable Reliable Serviceable

ASK ANY OWNER A SUGGESTION ASK

Rowell Bros. Scholls, Ore.

1-1/2-TON CHASSIS, SOLID TIRES.....\$1685 1-1/2-TON CHASSIS, 35x5 CORD TIRES \$1810 1-1/2-TON CHASSIS, 36x6 CORD TIRES \$2050 F. O. B. PORTLAND

McCraken Motor Co. STATE DISTRIBUTORS

490 BURNSIDE STREET BROADWAY 93

are backed by service that counts at the Sunset Electric Company.

AND— No matter what make of Battery you are using, you may avail yourself freely of our service. Drive down regularly for tests. They are free.

AND— Please accept our sincere wishes for a Happy New Year.

AND— We are building a new building at Ninth and Hoyt Streets, 100x200, ready in a few weeks.

Sunset Electric Company

N. Eighth and Davis Streets Broadway 126