SECTION THREE Pages I to 6

The Oregon Statesman CLEAN AND VIGOROUS

Automotive Good Roads

SEVENTY-SIXTH YEAR

SALEM, OREGON, SUNDAY MORNING, APRIL 18, 1926

PRICE FIVE CENTS

MORELAND DEALERS

Salem Company to Distribute Complete Line of Highgrade Trucks

The Moreland Motor Truck comyany announces the appointment of Vick Bros., of Salem, as dealers for their complete line of trucks, which includes the smallest unit, the road-runner, to the large 10ton, six-wheeler.

Since the announcement of the road-runner, which has created a remarkable sales record for the Moreland factory, and also the announcement of the six-wheel drive trucks of heavy-duty character, terest created, not only amongst truck dealers but also with float truck dealers but also with fleet corporations, contractors and truck hauling concerns for these products for these products, according to George A. Keep, wholesale manager for this territory.

The road-runner is a light com mercial truck that gives high speed performance plus a dependable service, which has been tested throughout California under the most severe and gruelling condi-

The Vick Brothers, of Salem, are well known dealers here and veterans in the truck business and their affiliation with the Moreland sales organization is a splendid recognition of the merit of these trucks.

Vick Brothers report very good General Motors car. On February Yirst the first Pontiac car arrived in Salem and to date 57 of these cars have been received by Vick Brothers and practically all of when driving have been noticed them are sold to retail purchas- and commented upon favorably all

This new car was developed by General Motors Corporation and gold and bronze Oregon Humane was expected to dominate the light Society Abraham Lincoln humancome up to the mark set for it. The Union's safety campaign Over three years experimental was inaugurated some months ago out. For this reason it is the automobile accident situation For this reason it is the automobile accident situation really not a new car in the strict-

March production figures at the Oakland-Pontiac factory broke all records with a total of 12035 cars. This is more than was built in the first four months of 1925.

Ring Gears for Ford Rear Axle Are Made Without Possibility of Error

Transforming a couple of miles ANALYSIS OF SALES of steel bars into ring gears for Ford cars is all in the day's work at the Highland Park plant of the Ford Motor company. Here, ingenious machinery which obviates all possibility of human error furnishes an interesting study in efficitncy methods characteristic of Ford manufacture.

A mighty important feature in the line of power is this rear axle gear, although not much larger in size than a china saucer. As the principal driving agent between the drive shaft and rear axle, it must not only be tough enough to stand strains, but must also be a sales executive position in charge hard enough to resist wear, for a of sales analysis with the Toledo worn ring gear is a sure source of company.

ly held to the most rigid specifi- of the keenest thinkers among the to exactly the length required for analysis of both local and national the finished ring. The steel is markets, Mr. Aull will assume heated white hot and in powerful work of that nature with Willysmachines capable of hair's breadth Overland, Inc. accuracy, is formed into a perfect circle. Then, by means of an electric current of tremendous amper- Auli held various sales positions. age the butts of the rings are in addition to assistant to the vice

rings are trimmed, hardened and statistician of Dodge Brothers. He gear teeth cut into them and it is was in charge of market research interesting to note that at no stage of the development or even in the that acaquainted him with every

cears is doubly significant in Ford, came noted for his extensive manufacture. In point of econ- study. ngs over stamping the ring out of pacity, be in charge of sales analysteel plates—a method by which sis for Willys-Overland, as well as the disc cut out of the center of the coordination of sales efforts the ring and the trim are wasted. in the field with those of the facn, too, steel not unlike wood, tory, has "grain" and it is obvious that a stamped-out ring must contain! To avoid that run-down feeling, certain amount of cross-grain, cross crossings cautiously,

Motorist and Pedestrian Must Obey Traffic Rules NOW ON ALL STARS

Commissioners of motor vehicles and others charged with the responsibility of supervising the regulation of motor vehicular traffic throughout the United States, are pretty well agreed that the big problem facing congested communities today is the creation of an adequate public understanding of traffic rules and regulations and an observance of them by motorist and pedestrian alike.

The education of the child in the school, supplementary instruction of the child by the parent, education of the man who drives and the man who walks-these are things of the greatest importance in the opinion of those whose official duties cover the regulation of motor vehicular traffic.

These are some of the facts brought out in a survey made by Walter P. Crysler, president and chairman of the board of directors of the Chrysler-Corporation, who communicated with every commissioner of motor

ed Lincoln Placque for Ex-

cellent Poster

paign. Announcement to this ef-

Oregon Humane society which

In a telegram to W. L. Stewart,

president of the Union Oil com-

pany of California, Mrs. F. W.

Swanton, of the Oregon Humane

society, stated: "I take great

pleasure in informing you that

your fine posters on safety first

over the country. You have won

the great honor of receiving the

was becoming acute. The Union

officials went on the premise that

automobile drivers were not, as a

general rule, deliberately careless,

but rather were victims of the

urge for greater speed, which is

It was felt that if some means

could be evolved which would

bring home to the careless motor-

ist the folly of his actions, a halt

would be called to the growing

total of automibele accidents. The

present campaign which provided

for the utilization of 1500 posters

on the Pacific coast typifying mo-

toring situations in which careful

driving is necessary and which

carry a direct and positive appeal

was therefore inaugurated.

inherent in so many motorists.

vehicles in the United States and asked what in his opinion is the most important work which his state is doing to cut down the number of motor vehicular acci-

The investigation which Mr. Chrysler made is of especial in-Union Oil Company Awardington recently under the direc- equipment on special order. tion of the department of com-For the first time, the Abraham lowed by state and regional con- "Car purchasers in the six cylinder Lincoln humanitarian award has been won by a corporation. This be made to take further steps to brake equipment, our research and unique honor goes to the Union Oil company of California in re- the national body and to apply have adopted the Bendix-4 brakes ciprocation of its Be Careful cam- them actually.

fect was made yesterday by the sioners with whom Mr. Chrysler communicated attended the Washington conference and their insectional conferences will be considerable.

> Robbins B. Stoeckel, commissioner of motor vehicles in the State of Connecticut, points out that there are two broad lines along which a state can take hold of the problem of the prevention of motor vehicle accidents.

systems so safe that only people division, National Safety council. of low degree of mentality need to be caught by conditions," he writes. "This constitutes saftey engineering which means straightgrades, preparation of sight lines for what scientists call 'an assured clear course,' by fencing and by almost every other conceivable adjustment of highway for safety. Thus a much larger percentage of operators have found it possible to get by successfully.

" The other is to bring up the kind of quality of operation by education in the problems to be rates would drop abruptly. met. A state department of motor to get the problems of motor vehicle operation before the public: to have the public understand the complications of traffic, and in general, to keep as far as possible, ahead of newly arising problems. To accomplish this there are sevto observe safe driving practices eral mediums. The principal one is the public press. By public speaking, by close cooperation with such organizations as the

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FOUR WHEEL BRAKES GREAT INCREASE IS

Bendix Type Now Standard Nash Motor Company Net Equipment on All New Line Six Machines

OAKLAND, April 17 - Four wheel brakes, of the Bendix type, as standard equipment, have been adopted for the new line of Star Six Cylinder cars, according to an announcement from E. S. Jones, Sales Manager of the Durant Motor Company of California.

Prior to this time, four wheel brakes have been optional equipment, but rigid tests conducted by Star car engineers here brought forth the definite approval of four wheel brake standard equipment, Jones declared.

Coincident with this announce ment, came another from Jones terest in view of the fact that at to the effect that four wheel the National Conference on street brakes may be had on the Refined and highway safety held at Wash- Star Four models as optional

"Four wheel brakes, of the Benmerce, it was agreed that the dix type, are a proven success on national conference would be fol- the Star Six," Jones declared. ferences in which an effort would class want and need four wheel carry out the recommendations of tests conclusively prove, and we as fully in keeping with the qual-Practically all of the commis- ity standard set by the new Star In making the announcement

Jones declared that the final testfluence in the coming state and ing grounds of any automobile are found throughout the territory served by any factory, and it is only in the owner's hands that an automobile proves the merits of its component parts.

We should never forget that the devil lurks in benzine bottles and "One is to make its highway Keefer, director, industrial safety points were the largest ever charging building 72 feet wide

The Nash Motors company today reported that for the first quarter of its 1926 fiscal year, covering the three months ending Februari 28, 1926, after deducting expenses of manufacturing, including depreciation, selling, and administration, and providing for local come faxes, the net consolidated ventilating shafts, together with income for the Nash Motors com- means for wall ventilation, will pany and its subsidiary, the Ajax assure maximum supply of fresh Motors company, amounted to air. \$4,137,508.16, as compared to

Revenues Show Tremen-

dous Increase for Year

and the business outlook, Presithough it is a fact that we were tain physical rearrangements in

esteem by buyers and the demand

cars received during the past three ed to required shape in the Ford weeks from our distributor points rolling mill. including the major cities of the country show that they were the may be gathered from the statebiggest three weeks in consecu- ment that it includes four distinct tive order we have ever had since operating units under one roof. the company was founded.

"At the same time during these three weeks used car sales at these

(Continued on page 6.)

Do You Lock Your Car?

By G. CLARK MATHER Chief Engineer, Paige-Detroit Motor Car Company

Is your car locked?

of the blame for keeping theft insurance rates where they are. If there were no theives, there

vehicles must make every attempt if every owner made his car theif- wheel. Then the thief can neither freight cars to the bunkers locatfollow just the same.

The automobile owner who away.

week, will form a habit, so that it will become second nature to tion. safeguard the car at every stop. It's a good habit to cultivate. On both Paige and Jewett cars,

if he should try to have it towed ing.

vided by the manufacturer of his no mechanical device can adecar thus shares, with the automo- quately cope with human nature. bile thief, the responsibility for Despite the facilities we have from the blast furnaces. It may maintaining high insurance rates. given the owner for safeguarding be tilted mechanically, discharg-Owners have but little excuse his car, we have been notified of ing into a giant ladle, which is for leaving their cars unlocked. the theft of a car whose owner, handled by a 125-ton crane; this, Strict attention to locking the car, compelled to lock it to stop his maintained resolutely for just one engine, left the key in the lock!

New Ford Steel Plant To Start September 1 PROGRAM IS PUSH

By WALTER BOYNTON

DETROIT, April 17.—About May 1 the new open hearth steel building at the Fordson plant of the Ford Motor company will begin production.

Ground for this large factory was broken in February 1925, and work has been pushed since that time, but the size of the undertaking and the character of equipment to be installed have required months for the completion of the work. Among other operations that required time was the driving of more than 7,500 piles, of an average length of 78 feet.

The building itself is 1,066 feet long and 240 feet wide and houses the most modern equipment known to the open hearth process. More than 12,000 tons of structural steel were erected in the building, with 16,180 lights of glass, each with an average area of 10 square feet, will furnish natural taxes, and state and federal in- light to the workers. The roof, equipped with monitors and

\$3,099,292.92 for the same period the other of 175-ton capacity, op-In commenting on the condition the ground level. The building of the Nash and Ajax companies has two floor levels, the ground floor and the charging floor, which dent C. W. Nash said: "We regard is 21 feet 6 inches above grade. the earning record of the initial Railroad tracks approximately a quarter as very satisfactory al- mile in length serve the ground floor and another mile of tracks; unable to manufacture all the cars cross-overs and switches is requirfor which we had orders due to ed to serve the needs of the chargchanges made in design and cer- ing floor itself. The entire charging floor is paved with fire brick.

"At no time in our history has open hearth design are installed our product been held in higher and the gigantic structure will house six more, or their equivais continuing to tax our production lent in electric furnaces. Normal resources despite increased manu- daily production from each furnace is 200 tons of steel, in the "Reports on retail deliveries of form of ingots, which will be roll-

An idea of the size of the plant There are a scrap loading building 66 feet wide, a boiler and bunker building 30 feet wide, a

In the scrap loading building, box cars on the charging floor, either from a stock pile or from cars delivered from the various departments of the Ford organiza-

The boiler building is equipped with a battery of vertical waste heat boilers, from which the out-No? Then you can take some we have adopted the coincidental going furnace gases will emerge style of lock, in an effort to offset at about 300-400 degrees Fahrenthe owner's carelessness and for- heit. Steam from these will be getfulness. This lock is so ar- utilized for general plant purposwould be no thefts-and insurance ranged that when the switch key es. Automatic conveying equipis turned, to shut off the engine ment is utilized for transferring Neither would there be thefts ignition, it also locks the steering raw material from incoming proof-and the lower rates would start the engine, nor steer the car ed in the boiler and bunker build-

minute less. "To us Denverites The charging building contains fails to utilize the safeguards pro- But already we have found that a 600-ton hot metal mixer, which who know this road, his descent was ten times as thrilling as the is filled with hot metal direct

By FRANK BECK

(Continued on page 6.)

U. S. Road Chief Says Improvement of 40,000 Miles Is to Continue

WASHINGTON, D. C., April 17. The annual improvement of more than 40,000 miles of highways in the United States as a result of combined efforts of federal, state and local agencies will continue during the next few years, in the opinion of Thomas H. Mac-Donald, chief of the United States Bureau of Public Roads. During the past several years the mileage of improvements on our highawys

as exceeded that figure, he said, Although Mr. MacDonald would not venture a prediction of the probable number of miles to be improved in the United States during the next few years, he expressed the belief that the proven economy of good roads will do much to influence an increase over

the programs of preceding years. In speaking of the present initial objective of the road building industry in the United States, Mr. MacDonald stressed the need for the immediate improvement of all roads included in the federal-aid and state highway systems by widening, surfacing, and elimination of danger points.

"In this manner," he said, "we can promote the best interest of the nation at large, both in the ally attempted only by a car that matter of economy and the welhas been specially prepared for fare of its industry. The increased the stunt-and it goes directly traffic on our public highways has back to the garage for a general not only made their immediate improvement a matter of good policy for public convenience, but equally necessary to obtain the "At the stroke of ten, every lowest possible cost of highway

Sunday morning" he advertises 'two Rickenbackers, a six and a The progress of the roadbuild-Vertical Eight, will leave for a demonstration drive to the top of the present year will be climaxed ing industry in this country during by the 1927 road show and con-And he invites any who desire, vention of the American Road to phone and reserve a seat for Builders association, plans which will be completed at the "Get that and return" says yearly meeting of the organization Hogan. "The way a Rickenbacker to be held in New York City on goes up is a revelation to anyone, May 14. At the latter date new but the trip down is most amazing. officials of the organization will

Here is where I demonstrate the be installed. Depresentatives of the United enbacker 4 - wheel mechanical States Bureau of Public Roads will brakes as it can be done only on attend the road builders meeting such grades, with such sharp in May, according to Mr. MacDoncurves and at high speeds on the ald, and it is very probable that the department will continue its exhibit at the road show in Jan-

non Ball Baker's famous feat, uary. More than 35,000 engineers, contractors and highway officials are expected to attend the 1927 convention of the road organization, representing all parts of North and South America. A large part of the association will be in attendance at the May meeting.

"I confess, when I saw Baker do it I believed no other driver in the world could accomplish the

Lookout Mountain Grind Is

Made Every Sunday Morn-

ing, Reports Say

DETROIT, Mich., April17-To

It is a feat to be performed

This proof of prowess is gener-

Don Hogan has changed all

Look-out Mountain and return."

smoothness and sureness of Rick-

"To persons at a distance, Can-

when he ascended Look-out Moun-

tain in 10 minutes 31-2-5 seconds,

made a greater impression than

his downward flight in which he

made the 6.2 miles in exactly one

once and talked of forever after.

make a record up Look-out Moun-

tain once in its lifetime is enough

for any ordinary automobile.

ver-hauling!

found it was the car with its marvellous engine and matchless brakes, rather than the driver.

"So now we do it as a regular thing once a week at least; and as many times more as prospective buyers ask to see and are willing to take the ride."

Debut on Hamlin Track at International Event

INDIANAPOLIS, April 17 .the Hamlin front drive special-May 31.

Dave Lewis, in a front-drive Miller special, took second place, less than a minute behind the winner, Pete DePaolo, in a Duesenberg

front-drive lies the story of a group of Chicago men who are putting their product to the supreme test of high speed, every other test, they claim, having been satisfactorily passed. For six years the Hamlin Motor company of Chicago has been designing, building and testing a front-drive automobile. The cars have been driven from coast to coast, up and down mountains, through sand, mud

In the hands of a careless man no machine is safe, notes the National Safety council,

FRONT DRIVE AUTO

Another front drive racing car, Northern Ireland Has Auto has been entered in the fourteenth annual 500-mile international sweepstakes, to be held at the Indianapolis Motor Speedway on Last year, it will be recalled,

Behind the entry of the Hamlin

"Then I tried it myself-and Balloon Tire Mold Installed in Salem Plant; Extra

Shop, 198 South Commercial street has installed a retreading mold for balloon tires and is now able to retread all sizes of balloon tires in his shop. With this added equipment Mr. Zozel states that he now has one of the mos New Type Speeder to Make complete vulcantsing and retreading shops in this district. He claims that the retreading of balloon tires will add many miles to the service of the tire and proves profitable to the tire owner.

Walter H. Zosel of Zosel's Tire

for Every 40 Inhabitants

DUBLIN. - Northern Ireland, although better served by railways than the Irish Free States, has an automobile for every forty inhabitants. In Southern Ireland there is only one motor yehicle for every, eighty inhabitants.

To avoid that run-down feeling cross crossings cautiously.

Accessory thieves who didn't

CARBON IS LEFT

inders of the Ford roadster be longing to Sebastian Roth Wednesday, took the following: Rear axle and housing, five tires, three wheels, speedome-

ter, foot throttle, dash light both headlights, Ruckstell axle coils, steering wheel, stop lig and tail light.

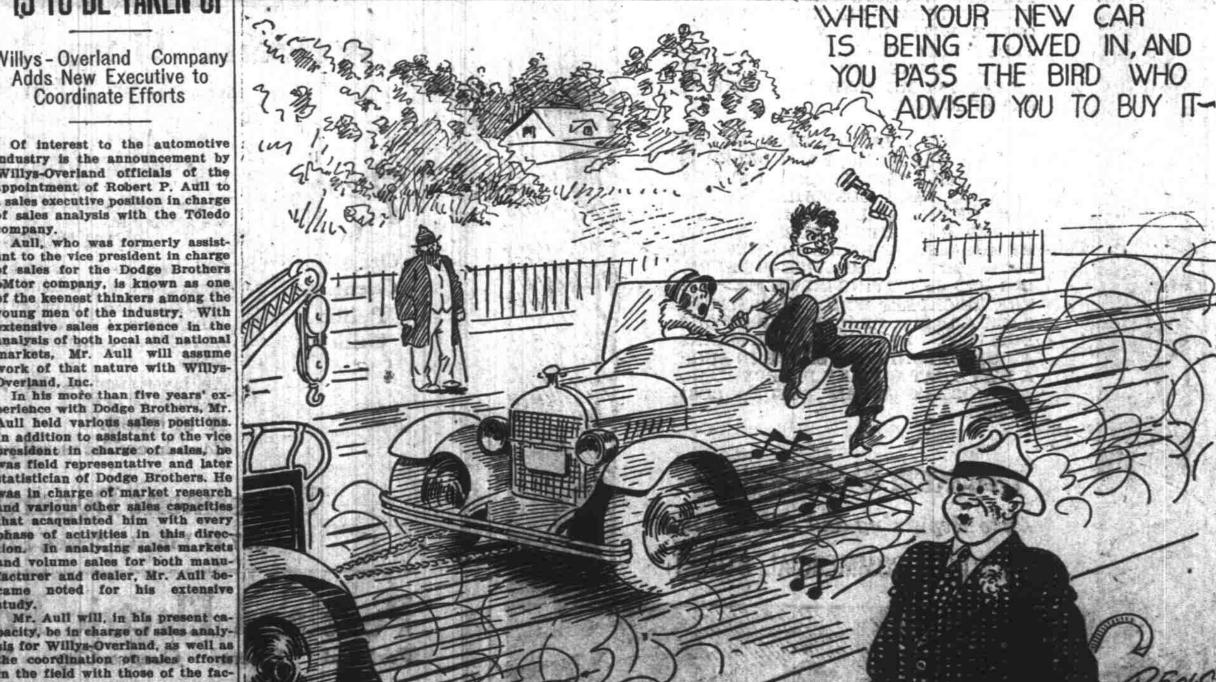
IS TO BE TAKEN UP DOWN THE ROAD-

Willys - Overland Company Adds New Executive to Coordinate Efforts

Of interest to the automotive industry is the announcement by Willys-Overland officials of the appointment of Robert P. Aull to

Aull, who was formerly assist-Quality is closely guarded in ant to the vice president in charge canufacturing these gears and the of sales for the Dodge Brothers teel that goes into them constant- office company, is known as one cations. Arriving at the Highland young men of the industry. With Park plant in long bars, it is cut extensive sales experience in the

In his more than five years' experience with Dodge Brothers, Mr. Just president in charge of sales, he In subsequent operations, the was field representative and later hed product is it possible to phase of activities in this direc-et the point where the weld tion. In analyzing sales markets and volume sales for both manu-This method of producing ring facturer and dealer, Mr. Auli be-



Advise Isn't Always Cheap