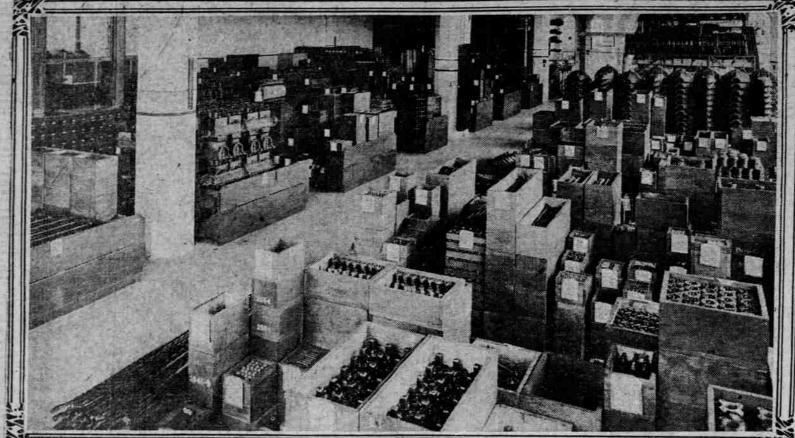
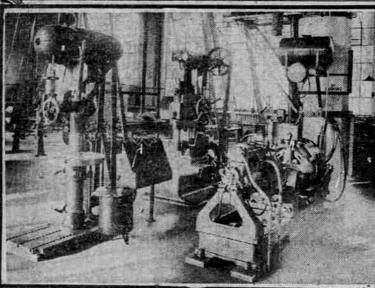
FORD FACTORY PRESENTS UNIQUE FEATURES IN TURNING OUT THOUSANDS OF MACHINES

Cleanliness Put to Front First and Foremost, Despite Constant Accumulation of Car Axles, Which, at All Times, Are Piled High in Factory-Expense of Operation Another Revelation to Auto Men.





\$75,000 Stock of Repair Parts. The order

One Thousand Rear Axles

Corner in The Testing Room Showing Motor on the Block

RTLAND'S branch of the Ford Motor Car Company, over in East Portland, has been in operation more than a year, and in the last period of 12 months has turned onto the roads

painting and assembling of that many

Order Typical of System

cal of the Ford system, and F. B. Nor-man, who is in charge of the Portland

Linar is because the curt will show better and will be easier to find," said Manager Norman, by way of explanation of the writer was taken through the room had just been cleaned up after several hundred sets of parts had been black enameled. The paint troughs had been black enameled. The paint troughs had been black enameled. The paint troughs had been drained. The draining pans were emptied and washed and all metal alsone with the luster of a new doular. The by took the pan of paint and on the specks of black paint were rapidly disappearing from the white work. That is done after each day's work and when the workmen start in the morning, the room is again as neat and orderly as the operating room of a big hospital.

Took All Put Away.

All Put Away.

All Put Away.

Another machine enables one man to line 100 brake bands in an hour. Speciate of them, inspects them and sees that the work for this plant with the meaning of the workmen or in the innerlance of the work of 20. With a few alterations, they workmen or in the innerlance of the work of 20. With a few alterations, they work men or in the innerlance of the work of 20. With a few alterations, they work men or in the innerlance of the work of the present the work of 20. With a few alterations, they workmen or in the innerlance of the work of 20. With a few alterations, they work men or in the innerlance of the said of the present the work of some job. When used they are cleaned and returned to the cheek room, where a special operative takes ease of them, inspects them and sees that they are in proper condition for the excession. They are proper condition for the metal can be alterations, the work of the chasks.

The workmen them selved with the management to grade the part when the part work and the work of the chasks.

The workmen work the morning the work of the chasks.

The workmen work the morning the work of the chasks.

The workmen work the morning the work of the chasks of them, inspects them and sees that the work of the chasks.

The workmen work th

of Oregon nearly 4000 automobiles. would seem that the building cars would have changed the new ap-pearance of the factory, but it has not. It was the appearance which first

appealed to the Portland people to hom a peep inside was given. Were It not for the stacks of wheels, axles, chasses and such things, the visitor could easily imagine himself inside a big hospital or a biscult factory or some other plant which demands abso-lute cleanliness.

cleanliness and order are typi-

man, who is in charge of the Portland plant, has kept pace with the factory system in every detail, and probably gone it one better in some of them.

The cleanliness is everywhere apparent, from the clothing which the workers wear to the floors and cellings of the big plant. Today, a year after the plant has been in steady operation, it is even much cleaner than it was when the building was turned over by the builders.

Have you ever been in the painting-

he wildling was turned over by the builders.

Have you ever been in the painting-room of a carriage factory or a furniture factory? Probably, if it was an average factor, the paint was six all the factory of the celling and the paint is the leading color dealt in. Also insums if as clean as the black room of a modern the-lines block paint is the leading color dealt in. Also insums if as clean as the black room of a modern the-lines and block with the paint work has to be slow," explained Mr. Norman.

Such is the case at the Ford branch. The walls are white enameded and the floors are a light gray.

Dirt Easy to Fhd.

That is because the dirt will show better and will be easier to find," said Manager Norman, by way of explanations will be a such that it is the one way to have the forman thought he was slower than the room had just been cleaned up after several hundred sets of parts had been black enameled. The paint trough has been drained. The draining pans had been drained. The draining

the time of assembling a Ford from 47 minutes to 27.

The workmen themselves might all be internes in some big hospital. It is a certainty that many bakers and foodstuff makers have a lot to learn from the Ford system.

The novice asks: "How can a workman, for example, take down an old engine, work on it all day, and still be wearing clean clothes?"

Explanation is Simple.

The explanation is simple. The engine, immediately upon arrival, is given a bath. It is lifted from the chasis by a chain block and dipped into a big vat of boiling arid. A few minutes in great of boiling arid. A few minutes in the hock against an immersion and it comes out with all greases, dirf and old paint removed. It is then no dirfter job than repairing a watch or a typewriter.

Of special interest are the many novel machines which save time and labor. One of the most interesting is the constituent of the wheel painting machine.

That was invented by a 15-year-old lawy in cases of 50. As soon as one

ty under the direction of Professor G. C. Smith, of San Leandro, vice-president of the California Botanical Society. The children of the other counties in California crossed by the Coast-to-Coast road are expected to follow the

LIKES

All non-skid-guaranteed 3000 miles

28x3 \$ 8.00	31x4\$15.50	35x41/2\$22.00
30x3 \$ 9.00	32x4\$16.00	36x41/2\$22.50
30x3½\$12.00	33x4\$18.00	37x4½\$22.50
	34x4\$18.00	
31x3½\$12.50	35x4\$18.50	35x5\$24.00
32x3½\$13.25	36x4\$18.50	36x5 \$24.00
34x3½\$13.75	34x4½\$21.00	37x5\$27.00

Auto Supplies at Reduced Prices

New guaranteed Spark Plugs, each25¢
Columbia Dry Cells, each20¢
Everready Dry Cells, each20¢
Tail Lights, regular price \$3.50, our price\$2.00
\$3.50 and \$4.00 Gloves at, per pair\$1.50
And 20,000 Other Bargains

We have a large stock of parts for 15 different makes of cars at about onehalf price. See us for anything pertaining to Automobiles. We have a reputation of being the lowest-price Auto Supply House on the Pacific Coast.

Tires Vulcanized at Reduced Prices

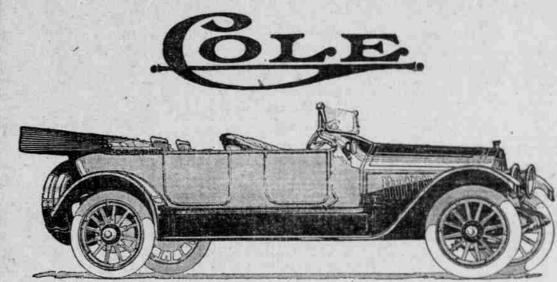
For several weeks we have been installing new machinery and equipment in our tire factory, so that we may turn out first-class work for less money. Now that our plant is complete we have cut the price of Vulcanizing 35 per cent.

With our new, up-to-date equipment to work with, this still leaves us a good margin of profit. All our work is absolutely guaranteed.

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Pacific Tire & Supply Co., Inc.

G. N. Smith, Manager, 325-327 BURNSIDE STREET



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See it with the new Fisher body and high-grade, luxurious upholstering. Its wonderful motor with smooth-flowing power and lack of vibration gives you positively the best value ever before offered at

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