

**FORD BUYS NICKEL**  
 DETROIT, Sept. 5.—The Ford Motor company has bought 20 tons of nickel compound from the International Nickel company, for experimental purpose in connection with the finish of radiator shells. About five pounds of the

compound are required per radiator.  
 A flier was fined \$25 for flying under the 2,000-foot altitude when he flew in his airplane over the stands of Yale Field, New Haven, Connecticut.

**AUTO PAINTING IS  
 PAINSTAKING JOB**

Many Different Processes Necessary in Preparation for Finishing

Simple, common sense methods of performing seemingly difficult operations is one of the secrets by which some of the leading automobile manufacturers have been recently able to improve their products and at the same time reduce prices to a marked degree. The very simple method of "color separation" recently installed in the Duco finishing department at the Oldsmobile plant is an example of this point.

The latest Oldsmobile is finished entirely in Duco, the best wearing and most lasting automobile finish yet produced. Duco is a nitro-cellulose mixture which gives a hard, yet lasting surface. It dries so rapidly that it is impossible to apply it with a brush; so it is put on with an air gun which shoots the Duco in a fine spray over the body.

This "spray gun" method presented difficulties when efforts were made to use two different colors on the same body, as it was impossible to bring the two colors together evenly. This was solved at the Olds Motor Works by the use of ordinary brown wrapping paper and plain grocery store corn starch paste.

The first step in finishing Oldsmobiles is a thorough cleaning of the body and painting of the interior. Then an oxide metal primer is applied to the body, after which it is dried over night in an oven with a temperature of 150 degrees. Next a putty glaze is applied and again the body goes into an oven, this time heated to 165 degrees. A sand surface is then applied with an air gun after which the body is rubbed with water and sand paper. Spot putty is again applied and the body is dried once more to remove all moisture.

The body is then ready for color and a ground coat of color is applied. This, as well as all preceding coats, is put on over the entire exterior surface.

When the two colors are applied the lower portion of the body is then given four coats of Duco of the final color. After this is dried a strip of brown paper about 10 inches wide is pasted over the Ducoed part of the body. The upper edge is pasted to the body even with the line where the

**Alarm Clock Calls Grain Dealer  
 From Ware Room to Radio Set**



**LOWELL HUTCHINSON,** grain dealer in Arlington, Indiana, uses an alarm clock to notify him when it is time to tune-in his radio set to receive the daily market and grain reports from the Crosley WLW super-power station in Cincinnati.

"I tune-in for the grain reports given at 11:00 a. m., 1:30 and 3:00 p. m. daily," reports Hutchinson. "In order that I will not be late for these reports, which are vital to my business, I have an alarm clock which I set to ring about five minutes before the time for the reports to be broadcast. In this way, I do not have to lose any time from my work in the warehouse and am on the job when the report is ready to be taken down."

"Market reports have helped two colors are to meet. The upper part of the body then receives its four coats of Duco—that portion of the coloring material from the air gun that falls below the line harmlessly strikes the paper. This paper is then pulled off and a wet sponge removes any bit of paper or starch that may remain on the body.

After these four coats of Duco have dried the entire body is rubbed with fine sand paper of the same texture as used by dentists in polishing teeth. A coat of thinner, colorless when applied to the two-colored finish, and then polishing and striping completes the finish.

The operation is the same on both open and closed body types, the closed cars having a black upper structure and a grey or blue lower body, and the open cars being Russian brown below the lower molding and mottled grey above. This upper color also extends in a saddle over the top of the hood.

me to increase my business, because my dealers are given fair and accurate prices for their wares. I even inform my competitors in town of the trend of the market, so we all keep our prices uniform.

"I have been able to pay more for grain because it was unnecessary to wait until the day after the markets closed to get the closing price. I have kept up with the change in market prices and consequently been able to give reliable prices in buying and selling."

"I use a regular form supplied to me by my brokers for recording the prices furnished through WLW broadcasting. These are posted where everybody may see them. Radio is a great factor in the life of any seller or buyer of merchandise or grain product."

**RUBBER ACT DEFENDED**

**AKRON, O., Sept. 5.**—Declaring that increased consumption of rubber in this country, speculation by importers, dealers and others interested in rubber were chiefly responsible for booms in rubber prices, W. E. Fouse, vice president of the General Tire & Rubber company, defended the British restriction act, generally blamed for the high cost of rubber, at the Kiwanis club last week.

While he said that the act should have been more flexible, Fouse stated that it was a necessary thing for the rubber industry because the rubber growers have to be protected against some of the lean years they have had.

**90 Hour  
 Ampere Battery**

Rubber Cased  
 Fully Guaranteed

**\$13.95**

**ADDITIONAL HELP**

Makes it possible for us to give quicker service in our

**LIGHT TESTING  
 DEPARTMENT**

Bring your car in and let us adjust your lights at a reasonable cost

**E. H. BURRELL**

BATTERY AND ELECTRICAL SERVICE

236 North High Street

Phone 203

**NASH**  
*Leads the World in Motor Car Values*

**\$1755**  
 F. O. B. Salem

**The New  
 ADVANCED SIX SEDAN**  
 4-wheel brakes, full balloon tires and 5-disc wheels included at no extra cost

Nothing in the world will convince you more quickly of the greater quality of this new Advanced Six Sedan than to look at it—then look at any other car in its field.

**KIRKWOOD MOTOR CO.**

Corner Commercial and Chemeketa



**There Must Be A Reason  
 For Star's Sensational Sales!**

**BIG, exclusive values—values not to be obtained in any other low-cost car! There is the one simple reason for amazing, sensational Star sales!**

**THIS STAR  
 Can Be Yours  
 by a new plan!**

Star offers a revolutionary sales plan to enable you to own a Star with practically no expense to you. This big, generous, bonafide offer is an immediate, whirlwind success wherever announced. It is attracting thousands of participants—earning whole-hearted response from 100% ambitious people. Investigate the details of the new

**Star Gold Certificate  
 Save and Earn Plan**

More, more Stars are going to new hundreds of experienced buyers. Like wildfire, Star popularity sweeps upward to new high levels.

All over the Pacific Coast careful purchasers are recognizing the unqualified superiority of Star among low-cost cars.

No low-cost motor can duplicate the Million Dollar

Motor's record-smashing power achievements. In the field of power and safety, Star is unmatched with its revolutionary power plant and its Four-Wheel Brakes, for safety.

You will come to Star—you are next, as a careful, investigating buyer! Make your tests—full tests and comparisons—**Come in today!**

**Salem Automobile Co.**

151 North High

Salem



**"TOMORROW'S CAR TODAY"**

6-Cylinder Coach-Brougham  
**\$1595**  
 i. o. b. factory, plus war tax

**Have You Seen The New Rickenbackers?  
 Have You Heard The New Prices?**

If you have not yet seen the beautiful new Rickenbacker Six models—

Then you cannot appreciate how much finer are the most modern motor cars.

If you have not seen the new Rickenbackers perform, then you do not know what the word "performance" means.

If you have not sensed the thrill of a ride in a Rickenbacker—then you have a real thrill coming.

And if you are not informed as to the new prices—since Rickenbacker announced reductions ranging from \$200 to \$600—then you cannot realize the wonderful values now obtainable in a fine motor car.

Rickenbacker performance is sensational, because Rickenbackers are finely—beautifully made.

No!—Rickenbacker Six is not "one of the high priced cars" as so many imagine.

By its performance—and by its beautiful design and finish—you would naturally expect to pay a high price for this car.

As a matter of fact the new models at the new prices are as cheap as ordinary cars.

And Rickenbacker is extraordinary in every respect.

Drive this Rickenbacker Six yourself—it will be a revelation to you.

**F. W. Pettyjohn**

365 North Commercial

Salem, Oregon

**Rickenbacker**  
 A CAR WORTHY OF ITS NAME