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The New OREGON STATESMAN, Salem, Oregon, Sunday Morning, October 21, 1928

NICARAGUAN HEIRESS BUYS PONTIAC

Biddy Bishop Explains How Metal is Handled at Factory

When an automobile owner endeavors to straighten a fender bent, or dented in a collision he is apt to wonder how such heavy and resisting sheet steel, as is used for fenders in the better automobiles, ever was formed in such smooth, graceful curves. It requires the larget and heaviest machinery in an automibile

factory to accomplish this work. according to "Biddy" Bishop,Oldsmobile dealer, who explains the various processes in the manufacture and finish of automobile fenders.

"Giant presses mold the heavy steel fenders used on Oldsmobiles as easily as a housewife cuts dough for cookies. An oblong sheet of steel is laid upon the under die of one of these presses and a lever is thrown. The upper die closes down, pressing the steel between the two faces with its own ponderous weight and the added power of large electric motors. The combined pressure exerted is 265 tons. When the upper die raises the steel has been changed to a perfect formed fender with the superfluous metal

tice in the Oldsmobile factories to use electric welding for this purpose. In some operations an

electric welder which forms a con-

tinuous seam, and which is a recent industrial development, is

used. Electric welding fuses the metals into one solid piece.

"The finishing of the full crown Oldsmobile fender is typical of the

processes used on the various enameled sheet metal parts. When

the fender comes from the final

buffing it is inspected for perfection of line and form. Then starts the washing process to assure that the enamel is firm and smoothly baked to the metal.

"The fender is hung on an overead conveyor that carries it alo

As it enters the washing

ly through the first cleansing

compartment it is deluged with a special washing compound that re-

beth

of scenes celebrated in early California history.

neatly trimmed from the edges. compartment it has been washed, is given the fender just prior to Summing up the two conven-

Big Stamping Machine steamed and rinsed. Workmen hanging it on another conveyor tions, one reaches the conclusion "All other sheet metal parts are then give it a "rough dry" with that carries it through a series of that America, in addition to being similarly formed, including radi- compressed air. Then it is switchator shells, rear axel cover plate, ed to a second conveyor which fender skirts, step housings and carries is through long drying then carried over the drip tubs lamp brackets. Some of the ovens from which it emerges with and then into an oven so long that stamping machines and presses all vestiges of moisture evaporatused in this work are from 30 to ed. But as an added precaution minutes for the conveyor to pass

40 feet in height. When two sheet metal parts tering the enameling rooms are joined together it ds the prac-

other logging equipment were

enameling baths, drip tubs and the land of liberty, is the country of prosperity, economy, privilege pneumatic tired truck of larger ca- and pillage.-Trenton Times. A donkey engine, skyline and

Pedestrians Found Cause Of 11,367 Traffic Deaths

WASHINGTON, D. C., Oct. 20. of pedestrian fatalities is -(Special)-Carelessness on the walking. During the year 1927 a part of pedestrians was largely the total of 3,069 adults were killed reason for 11,367 highway acci- while in the act of crossing a dent fatalities in 1927, the Amer- street between legal intersections. ican Road Builders' Association This is a practice which should be reported today. Pedestrian con- discouraged, if not legally prohibtrol has become one of the most ited by the adoption and rigid endifficult problems of city traffic forcement of pedestrian regulaofficials, the organization pointed tions." A study of statistical informa-

out. Aiready nearly one-half of the total number of persons killed tion relating to pedestrian fatalieach year are pedestrians. Last year 11,765 deaths in high- of children killed while crossing way accidents are charged to the botween intersections or playing carelessness or discourtesy of mo- in the streets. A total of 3,638 torists, while 11,367 were the re- children of school age were killed sult of acts on the part of pedes- as a result of this form of caertrians. Some 3,486 persons lost lessness alone.

ties during 1927 shows a number

"As a whole the pedestrian

plexing which now exists in the

individual. It has already been

traffic rules and safety regulations

their lives as a result of physical problem is one of the most per-

conditions affecting traffic. Pedestrian Control Needed "The percentage of pedestrians entire field of accident previncilled in highway accidents is in- tion. The remedy is the practice creasing each year," the American of courtesy and caution by every Road Builders' Association declared. "This is a result of the proven that a complex series of rapidly increasing population of the country and the climb in registration of automobiles, particu-

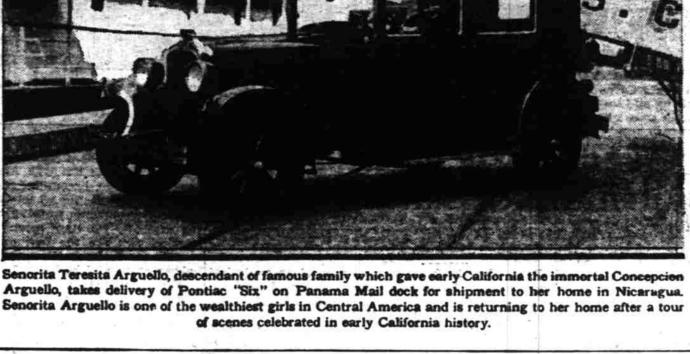
of the United States. .

are ineffective unless rigidly and constantly enforced. In lieu of larly in already congested sections such regulations, local campaigns should be waged designed to in-"The problem has become ex- fluence the general public into the remely perplexing in many of the adoption of the simple principies

nation's largest cities. Various of courtesy and caution." methods of pedestrian control The organization urged all sit have been attempted, and a few ies of the United States to adopt of them have proven more or less programs of safety education of successful. The establishment of children through the medium of pedestrian control systems is a churches, schools and juvenife ormatter which must be worked out ganizations. Adults should be inin inidvidual municipalities to suit formed as to the legal requirements of pedestrian traffic, and

local conditions. Jay Walking Scored these legal requirements should "Generally, however, the pedes- be made uniform for all cities in trian himself is at fault in high- so far as this may be possible.

way accidents in which he is in-"A thorough study of the movevolved. Failure to use reasonable ment of both pedestrian and veit is thoroughly wiped before en-tering the enameling room: "An alcohol bath and rubdown sage through the owens."" deer hunters. courtesy and caution while cross-hicle traffic will indicate to city





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moves any particles of oil or dirt that might have adhered to the metal. Further along in the compartment the conveyor carries the fender through sprays of live steam. Finishing Fenders "By the time the fender reaches the further end of the washing

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