

# HUGE 'CAT' DIGS FIRE LINES FOR FOREST SERVICE

### Eight-Ton Machine Will Displace 50 to 60 Men in Clearing Wide Swath Through Brush, Timber

With the perfection of one of the most satisfactory single pieces of machinery ever designed for fire suppression—a caterpillar equipped with a hydraulically operated brush plow—Rogue River national forest now has at command a fire-fighting system that promises in the future to lower greatly the toll that the forest fire exacts annually in southern Oregon.

After several complete alterations, found necessary in actual operation of the new plow, of which there are only four in use on the Pacific coast, the machine is now garaged at the new forest service warehouse on McAndrews road, ready for immediate use in any section of the forest at any time. It is mounted on a special Ford V-8 truck and trailer unit, equipped with 16 speeds ahead and albrakes, and can be maneuvered and put on the road, speeding toward a forest fire, within two minutes after an alarm.

**Weights 8 Tons.**  
The "cat" and its plow rigging, which is painted a brilliant red to match the color of the truck and trailer unit, weighs eight tons, and when dismounted from the trailer presents a formidable appearance. It is for use in constructing a fire line, and is capable of displacing 50 or 60 men.

In operation, the brush plow travels through brush, small timber and fallen logs much like an irresistible army tank, clearing a swath through the forest, and when the ground is not too rocky, plowing a trench a foot deep. It is capable of uprooting and pushing over trees more than a foot in diameter, and will break its way through fallen logs two feet through. It will clear aside brush and rotten debris as easily as a snowplow travels through soft snow. Like an army tank, it can operate in almost any type of mountain terrain, climbing hills as steep as 45 per cent.

The plow has been put into actual use, constructing a fire line around the Rainbow creek fire in the Lake of the Woods district, and during its 24 hours of steady operation, proved indispensable. Besides starting a fire line from which fire-fighting crews back-fire to halt approaching flames, the plow is used to prevent the flames from advancing into dry timber by shoving burning logs and snags back into the fire as they break loose and imperil new forest.

**Makes Wide Path.**  
Only slight cleaning up is required after the plow, as its cow-catcher nose carries a five-foot fire line and on some occasions the plow is run back over the line to deepen the trench. A line five feet wide is considered ample, if the ground is completely cleared to a depth of a few inches, as backfiring is employed to widen the safety zone.

The brush plow is the newest and most effective of many other pieces of equipment at the new forest service warehouse. Many trucks are used in fire suppression, carrying pumps, water tanks, reels of firehose, tools and men to the scene of a fire. Tool caches arranged to suit the needs of various units of men, a caterpillar and killer are also part of the equipment, ready at a moment's notice to be rushed to the fireline. An effective maneuver employed by the forest service is to drop a pump hose into a stream and relay water through firehose into several snags—holes in the ground, layered with canvas—for distances of several hundred yards.

The warehouse, a modern 80 by 180-foot structure with storage rooms, office, food storage room, garage and



Senator James Couzens of Michigan is recovering from a serious operation in a Rochester, Minn., hospital. (Associated Press Photo)

## WILL COMPLETE ALSEA HATCHERY

ROSEBURG, Ore., Sept. 18.—(AP)—Completion of the Alsea trout hatchery, and reconstruction of the Rock Creek hatchery, east of Roseburg, has been authorized by the state game commission, according to Dexter Rice, chairman. Action was taken at the meeting held last week at Pendleton. The commission, Chairman Rice reports, has purchased an additional five-acre tract adjoining the uncompleted Alsea hatchery, and plans to put in a large cutthroat propagating station. The cost is estimated in excess of \$7,000 for materials and labor, but the commission will be called upon only to pay the cost of materials, as application is being made for federal donation of labor through WPA.

## YOUNG REPUBLICANS PROGRAM OUTLINED

OAKLAND, Cal., Sept. 18.—(AP)—A four-phase business program will be considered by 3000 delegates from 11 western states to the annual convention of Young Republicans here October 4, 5 and 6. It was announced today.

## MUSSOLINI SATISFIED WORLD IS IMPRESSED

PARIS, Sept. 18.—(AP)—Premier Benito Mussolini of Italy asserted in an interview published today in the newspaper Le Matin that, "Sanctions mean running the risk of remaking the map of Europe."  
"Nobody now believes that he is playing poker," Duce told Le Matin's representative.  
"No, it is not a game of poker, but, nevertheless, Italy holds in her hand the card on which her whole existence is written and she will play that card."

# PORT ORFORD DOCK WITHSTANDS FIRST SHOCK OF WINTER

PORT ORFORD, Sept. 18.—(AP)—The new Port Orford dock, partly completed, easily withstood the first fall storm.

Kenneth D. Hauser, president of the Hauser Construction company, builders of the dock, in a report to Gilbert E. Gable, president of the Port Orford Dock and Terminal corporation, declared that "observations during the two days of severe autumnal storms to which the combination breakwater dock has been subjected while still in an uncompleted state, justify our statement that it will, when fortified by completion, withstand the onslaught of the elements for many years."

"In all of the government jetties which we have built on the North Pacific coast, namely, at Coos Bay, Taquima bay and Tillamook bay, the crests or shoulders are only 30 feet wide at the crest, while this breakwater dock is 100 feet wide at the crest, or more than three times as wide as the government jetties."

Hauser pointed out that the Port Orford structure contains a higher percentage of large stone than any other jetty he has built or seen in 11 years of breakwater building.

## SALEM OPENS DRIVE AGAINST GAMBLING

SALEM, Sept. 18.—(AP) Taking the initial step in a planned campaign to do away with gambling in Salem, the city council here in a special session last night, adopted a resolution rescinding all existing marble board and dart game licenses.

At the same time the council postponed a proposed ordinance designed to drive out all forms of gaming devices by strict regulation and taxation, holding that the bill was "a good example of special legislation," but that its real effect would be "to legalize and perpetuate" those phases of gambling.

## RECORD ONION CROP SLATED FOR OREGON

PORTLAND, Sept. 18.—(AP) A record onion crop is prospect in Oregon this year, W. I. Swank of the Confederated Onion Growers' association reported today.

Swank's survey indicated the western Oregon crop would run from 1300 to 1400 carloads, compared with the previous record crop of 1200 cars two years ago. Onion production in eastern Oregon likewise is increasing.

Sale of 250 carloads of Oregon onions at 75 cents net per 100 pounds was reported, with some recent buying at \$1 or higher.

## WILL NAME PLOTTERS LONG ASSASSINATION

TULSA, Okla., Sept. 17.—(AP)—Dr. George S. Long said today that in January, he would name publicly in Louisiana the men he accused of plotting the death of his brother, Senator Huey P. Long.  
"I'm going to Louisiana during the primary campaign in January and name from the platform the four congressmen who plotted Huey's death," the Tulsa dentist said on his return from Long's funeral in Baton Rouge. "I have no fear as to what might happen to me."

## Oregon Weather.

Fair east and increasing cloudiness west; portion tonight and Thursday, probably followed by rain northwest portion and on the coast Thursday; little change in temperature; gentle changeable winds off the coast.

Dr. Porter Visiting Few Days—Dr. E. H. Porter of Dog Lake is visiting here on business for a few days.

Use Mail Tribune want ads.

## L-N Envoy's Take Three Drinks and Roar Like a Lion

GENEVA, Sept. 18.—(UP)—Statesmen perplexed by the Italo-Ethiopian crisis found relaxation today in a new "long" drink called "The Negus," invented by Carlo Beltramo, Italian proprietor of the League's bar.

It is composed of amber ploom, orange and lemon juice and carbonated water.  
"Why do you call it the Negus?" asked the first taster.  
Beltramo replied: "Take three drinks and you roar like a conquering lion."

## INCOME TAX PAYMENT SHOWS BIG INCREASE OVER PREVIOUS YEAR

WASHINGTON, Sept. 18.—(AP)—Total income tax payments during the first 15 days of September amounted to \$27,018,483.74, a figure approximately \$3,000,000 greater than last year, the treasury reported today.

The period covered embraces the third installment of taxes paid on 1934 incomes.  
Collectors of internal revenue notified the department that \$185,814,454.53 had already been deposited by collectors to the account of the treasury. In addition, they estimate \$34,040,029.21 had been received, but not tabulated or deposited.

In the comparable period last year, \$135,627,319.80 was deposited by collectors.  
The treasury said receipts on the third installment were far in excess of estimated returns.

Comparative figures for the first 15 days of September, 1934 and 1935, by collection districts, include:  
1934 1935  
Idaho \$ 67,321 \$109,893  
Oregon 212,339 617,184

## MARSHFIELD BOY DIES BY BULLET

MARSHFIELD, Ore., Sept. 18.—(AP)—Robert Dow, Jr., 17, died in a hospital here today, steadfastly refusing to reveal that the bullet which pierced his stomach yesterday came from the gun of his companion.

The companion, Henry Hansen, admitted after questioning that Dow reached for a small calibre revolver Hansen was carrying and the gun accidentally discharged. Hansen said he hid the gun at the request of his wounded companion, who was accompanying him on his paper route late yesterday.

First reports were that a stray bullet struck Dow.

Both boys attended Marshfield high school. The parents, Mr. and Mrs. Robert Dow, and a sister, Mrs. Ted Johnson, of Glendale, survive.

SACRAMENTO, Sept. 18.—(AP)—The state Bureau of Criminal Identification announced today that fingerprints of a youthful prisoner held in the Lassen county jail on a charge of attacking a girl, were the same as those of Thomas Alton Tully, son of the writer, Jim Tully. The bureau has a record of fingerprints of Tully taken in connection with his arrest in Los Angeles on several other occasions in connection with assault charges.

Be correctly copied in an Artial Model by Ethelwyn B. Hoffmann.

# WARDS "Harvest" Values

ASSURE A BUMPER CROP OF SAVINGS!

**Water Resisting Wear Resisting**

"Shedpel" Dry Finish

10 oz. Army Duck

Coats **3.98**

Pants **3.49**

Keep you warm and dry in any kind of weather! Stag coats with inner sleeves, double shoulder cape and back. Pants with full double reinforcements front and back. Men's regular sizes.

**Men's Leather Jackets - Free Swing Back**

**5.98**

Pig grained Capeskin jacket with a deep back yoke and free swing back! Talon slide fastener front. Adjustable side straps. About 22 in. long. Cordovan tan only. Sizes 36 to 46.

**Suede Cloth Shirts for Men... Warm! Washable!**

**89c**

Wards made them to give extra service... extra comfort! Roomy... cut full to true sizes. Collars are interlined, shoulder yokes double, buttons unbreakable. Sizes 14 to 17 1/2.

**Men's Chore Gloves 17c**

Lined with 7 ounce husking cloth, held in place firmly with quilting. Brown only.

**Sale! Black Steerhide HARNESS 42.95**

Specialty priced! Full size—full weight! 3-ply, 3-in. h. traces; 1 1/2 in. by 20-ft. lines; 1 1/2-in. black and hip straps; folded breeching and belly-band; steel hames! Collars not included.

Horse Collar, Russel split leather back and rim ..... \$2.85  
Sweat Pad, Old Gold color drill ..... .75  
20 ft. Steerhide Leather Team lines, 1 1/2-in. wide ..... 5.30  
Tough Steerhide Hame Straps, 1x21 in. 4 for ..... .60  
Jointed Bit, Has cadmium finish ..... .17  
Steel Curry Comb, With mane comb ..... .35  
Halter, Leather, Extra strong ..... 1.98

**"Rockford" Hose 15c**

The name means long wear! Blue or brown cotton mixtures. Men's sizes 10 to 13.

**Hand Saw 1.00**

For Household use

A Wore Value!

26-in. Size 7-Pt.

Polished steel blade, tempered, hand filed and set—ready for use! Flat ground. Hardwood handle—walnut finish.

**Save on Wards Royal Blue Separator 46.95**

Today's outstanding value! Close-skimming! Easy to turn—smooth, quiet operation! 375 lbs. per hour!

Sanitary Milk Can strong—can't leak! 5-gal. Ea. **\$3.95**

Dairy Pail Bargain Strong, leak-proof construction **85c**

Cream Carrying Cans Bright tin plate, 3-gal. size. Ea. **\$3.65**

5-Quart Strainer Fits all milk cans. Brass screen. Ea. **49c**

**SALE! 5 YARDS GLASS CLOTH 1.45**

Nationally famous! Both sides paraffin coated! 36 in. wide.

**Single Bit Axe 2.15**

Wards Master Quality

3 1/2-Lb. Head 36-in. Handle

Michigan pattern! Head drop forged from highest quality tool steel bit! Selected second growth hickory handle!

**Barbed Wire 3.65**

88-Rod Spool

Heavily galvanized 12 1/2-ga. wire! Long, sharp, 3-pt. barbed! Handy carrying rings! Rare!

**Manila Rope 1 1/2c**

1/4-in. 10 ft. 3/8-in. 25 ft. 1/2-in. 50 ft. 5/8-in. 75 ft. 3/4-in. 100 ft.

# LIGHT AN OLD GOLD for young ideas

Expect much of San Francisco's famed Palace Hotel—for you will receive much. Expect large, modern, and comfortable guestrooms, for example The Palace covers a city block of two acres, yet it has only 600 rooms, all of them large, all with bath. Expect too, courteous forethought for your needs: fine food in distinguished restaurants, beautiful surroundings, and shops, theatres, financial and commercial districts close at hand

From \$3 per day (single) up.

**The PALACE HOTEL SAN FRANCISCO**  
Archibald H. Price, Manager

Stimulating... BUT NEVER IRRITATING