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 supreasion-a caterpillar equipped with pression—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 toil that the forest fire exacts annually in southern Oregon.

After several complete alterations,

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 Mc-Andrews road, ready for immediate use in any section of the forest at any time. It is mounted on a special Pacific Victoria and trailer unit. Ford V-8 truck and trailer equipped with 16 speeds ahead and altbrakes, and can be manned and put on the road, speeding toward a forest fire, within two minutes after an alarm.

an elarm.

Weighs 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 mcm. In operation, the brush plow travels

In operation, the brush plow travels through brush, amali 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 tranch a foot deep. It is capable of uprooting and pushing over trees more than a foot in diameter, and will break its way through failen logs two feet through. It will clear aside brush and rotten debris as easily as a snowplow travels through soft anow. Like an army tank, it can operate in almost any type of mountain terrain, climbing hills as stepp as 45 per cent.

The plow has been put into actual use, constructing a fire line around WPA.

any type of mountain terrain, climbing hills as stepp 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
54 hours of ateady operation, proved
indispensable. Besides atarting a fire
line, from which fire-lighting crews

The Rock Creek hatchery will be
rebuilt at a cost of approximately
stated and relighting crews

to upon only to pay the cost of machine in the cost of approximately stated in the cost of machine in the cost of approximately stated in the cost of machine in the cost of approximately stated in the cost of approximately stated in the cost of machine in the cost of approximately stated in the co the plow is used to prevent the flames, from advancing into dry timber by shoving burning loss and snags back into the fire as they break loose and imperil new forest.

Only slight cleaning up is required after the plow, as its cow-catcher nose creates a five-foot fire line and on some creaters.

after the plow, as its cow-catcher nose creates 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 asfety zone.

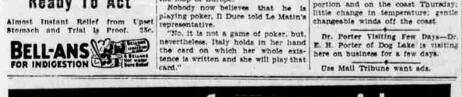
The brush plow is the newest and The brush plow is the newest and most effective of many other pieces of equipment at the new forest service warehouse. Many trucks are used in fire suppression, carrying pumps, water tanks, reels of firehose, tools and men to the scene of a firehose. Tool caches arranged to suit the needs of various units of men, a caterpillar and killifer are also part of empiliar and Rillifer are also part of the equipment, ready at a moment'e notice to be rushed to the fireline. An efective maneuere employed by the forest service is to drop a pump hose into a stream and relay water.

MUSSOLINI SATISFIED through firehose into several sumps
-holes in the ground, layered with
canvas-for distances of several hun-

dred yards.

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

Reaches Stomach Ready To Act





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

Completion of the Alsea trout hatch-

ery, and reconstruction of the Bock

OAKLAND, Cal., Sept. 18 -- (AP)

A four-phase business program will be considered by 3000 delegates from 11 western states to the annual con-

LIGHT AN OLD GOLD for young ideas

Stimulating ... BUT NEVER IRRITATING

today.

PORT ORFORD, Sept. 18 .- (P)-The new Port Orford dock, partly completed, easily withstood the first fall storms.

the Hauser Construction company, 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 equinoxial atorms to which the combination breakwater dock has been subjected while still in an uncomplete state, justify our statement that it will, when fortified by completion.

state, justify our statement that it will, when fortified by completion, withstand the onalaught of the elements for many years.

"In all of the government jettles which we have built on the North Pacific coast, namely, at Coos Bay, Yaquins bay and Tillamook bay, the creats or shoulders are only 30 feet wide at the creat, while this break-water dook is 100 feet wide at the creat, or more than three times as wide as the government jettles."

Hauser pointed out that the Port Orford structure contains a higher percentage of large atone than any other jetty he has built or seen in 11 years of breakwater building. blacksmith shop, is manned by a trained crew of 15, plus 40 enrolled OCC men as assistants. These men are housed in a modernly - equipped apike camp at the rear of the five-acre warehouse yard. Living quarters for the men are convenient and com-fortable, and their work and daily routine is carried out under army dis-cipline.

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 recinding 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 saming 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

PORTLAND, Sept. 18 .- (AP)A rec-PORTLAND, Sept. 18.— (AP)A rec-ord onion crop is in prospect in Ore-gon this year, W. I. Swank of the Confederated Onion Growers' associ-ation reported today. Swank's auryey indicated the west-

ern Oregon crop would run from 1300 to 1400 cerloads, compared with 1300 to 1400 certoada, comparen unterpresentation of 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.

vention of Younger Republicans here October 4, 5 and 5, it was announced today. Conferences on organization, Republican principles indictment of the New Deal and organization of party machinery will occupy the delegates. Sherrill Halbert of Porterville, president of the California Republican assebly, declared. Speakers include former President Hoover, Dolly Madison, vice-chairman of the Young Republican mational committee, and George Olmatead, Iowa committee chairman, LONG ASSASSINATION

TULSA, Okia. Sept. 17.—(AP)—Dr. George S. Long said today that in January he would name publicly in Leculaiana 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." WORLD IS IMPRESSED PARIS, Sept. 18-(AP)- Premier

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, Il Duce told Le Matin's
trepresentative.

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.

OloGold

SMOOTHEST

L-N Envoys Take Three Drinks and Roar Like a Lion

GENEVA: Sept. 18. — (UP) — Statesmen perplexed by the Italo-Ethopian crists 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 amer picon, orange and lemon juice and carbonated water.

"Why do you call it the Negus?"
asked the first testers.
Beltramo replied: "Take three
drinks and you roar like a conquering lion."

WASHINGTON, Sept. 18. - (5) -Total income tax payments during the first 15 days of September amounted to \$221.018.483.74. a figure epproxi-mately \$50.000.000 greater than last year, the treasury reported today. The period covered embraces the third instalment of taxes paid on 1934 incomes. Collectors of internal revenue noti-fied the department that \$185.614.

EM OPENS DRIVE

AGAINST GAMBLING

AGAINST GAMBLING

Fied the department that \$183.614.454.53 had already been deposited by collectors to the account of the treasury. In addition, they estimated \$34.040.029.21 had been received, but not tabulated or deposited.

In the comparable period last year, \$133.627.319.80 was deposited by collectors.

lectors.

The treasury said receipts on the

SALEM. Sept. 18.—(AP) Taking the of estimated returns.

MARSHFIELD, Ore., Sept. 18.—(AP)
—Robert Dow, Jr., 17. died in a hos-pital 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, ad-

from the gun of his companion.

The companion, Henry Hansen, admitted after questioning that Dow reached for a small calibre revolves Hansen was carrying and the gun ac-



 Morning and evening planes to California; also to Portland, Ta-coma, Seattle! Imagine! You can coma, Seattle! Imagine! You can leave at 5:07 p. m., and arrive in Portland for dinner. Or leave after dinner and be in Southern California well before midnight! Twin engined Boeings all the way.

Tickets: Municipal Airport Tel. 241

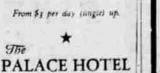
Hotels: Travel Bureaus; Telegraph Offices

UNITED AIR LINES



The Palace Hotel San Francisco ...

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



Archibald H. Price Manager

cidentally discharged. Hansen said he hid the gain at the request of his school. The parents, Mr. and Mrs. Ted school, who was accompanion, who was accompaning him on his paper route late penting.

First reports were that a stray bullet struck Dow.

Both boys attended Marshfield high floation announced today that finger-in connection with his arrest in Lee prints of a youthful prisoner held in Angelss on several other occasions in the Lassen county jail on a charge of attacking a girl, were the same as these of Thomas Alton Tully, son of the writer, Jim Tully. The bureau has an Artist Model by The state Bureau of Criminal Identi- a record of fingerprints of Tully taken.

Ethelwin B. Hoffmann.







Men's Leather Jackets - Free Swing Back

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!

extra service ... extra com-fort! Roomy ... cut full to true sizes. Collars are interlined, shoulder yokes double, buttons unbreak-able. Sizes 14 to 17.14.





Tool Grinder 1.49

Silicate grinding wheel, size 1 by 5 in. Machine cut gears, Adjustable tool rest. Save:



Polished steel blade, temper-ed, hand filed and set—ready for use! Flat ground. Hard-wood handle—walnut finish.

Single Bit 2.15 Wards Michigan pattern! Head drop forged from highest quality tool steel — tem-pered tool steel bit! Selected second growth hickory handle!



Specially priced: Full size — full weight! 3-ply, 2-ln,h traces: 114 in, by 20-ft, lines: 114-in, black and hip straps; folded breeching and belly-band; steel hames! Collars not in-Horse Collar. Russet split leather back and rim \$2.85

Sweat Pad. Old Gold color drill . 20 ft. Steerhide Leather Team lines, 114-in, wide 5.30 Tough Steerhide Hame Straps, 1x21 in. ____ 4 for .65 lointed Bit. Has cadmium finish ... Steel Curry Comb. With mane comb Halter. Leather. Extra strong

\$5 Down

Save on Wards Royal Blue Separator

4695

Today'soutstanding value!

Close-skimming! Easy to

turn-smooth, quiet opera-

Sanitary Milk Can

Strong-can't teak! 5-gal. Ex. \$3.95

Dairy Pail Bargain

Cream Carrying Cans

Bright tin plate. \$3.65

5-Quart Strainer

Brass screen: Ea. _ 49c

85c

Strong, teak-proof

tion! 375 lbs. per hour!



15c

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



GLASS CLOTH



Barbed Wire 3.65 Speed

Heavily galvanized 1214 - ga-wiret Long, sharp, 2-pt, harbal Handy carrying rings! Sase!



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