

Weed Man Miniaturizes How To Give Old Furniture Rich Look

WEED—A model electric logging show, created by Leonard "Curt" Hines, International Paper Company's resident forester at Weed, has added realism to classroom logging at Oregon State College's School of Forestry for the past 10 years.

The inventive IP forester is making a new miniature logging show for the University of California School of Forestry dean, Henry Vaux.

Hines constructed his original built-to-scale logging show as a project for his logging methods class in 1950, when he was a senior in forest management at OSC. Since then the OSC classrooms have been able to hear the whir of electric donkey engines, and even the tool of the whistle punk's horn from the educational Hines logging exhibit.

Hines spent some 450 hours in three months making the precision equipment for the minutely-detailed logging show, including such items as spar trees, booms, tongs, pulleys, and clevis pins.

He fashioned the more intricate pieces in a summer industrial engineering course at college.

John E. O'Leary, associate professor of forest engineering at OSC reports, "We use the equipment for logging methods classes in our inside lab period to show students how to set up most cable yarding and loading systems."

"It has been used in the past as a display at logging congresses, Industrial Accident Committee meetings, union safety meetings, high school visiting days, etc."

One showstopper is a three-drum electric yarder, built to scale and mounted on a 22-inch-long sled. A sewing machine motor in a metal housing supplies power. A series of gears connects the motor to the individually-

operated drums.

Each drum, including the straw-line drum, may be used separately or in combination, and is engaged by a throw lever and a friction clutch. Each is braked separately by a steel band around the drum's end.

Similarly, the loader can demonstrate both the MacLean and guyline loading systems. The rig's two drums rotate in either direction with the flip of a lever.

Hines' father, Curtis J. Hines, former superintendent of Long-Bell's Grand Ronde, Ore., and Ryderwood, Wash., logging operations, now retired, provided technical assistance.

Following his graduation from OSC in 1951, Hines became assistant forester at the Longview Branch. After five years as a timber cruiser, he was transferred to Weed.

He lives there with his wife, Marion, and two young daughters, Judy, 10, and Debra, 8, who also are proficient logging show operators.

You can give old furniture an elegant look by antiquing. The idea is to simulate natural wear and age, and the process is simple for the average home handyman—or handygal, for that matter.

The "antique" finish goes right on top of the present enamel or varnish, and for this reason the process often is called glazing.

The transparent glaze coat highlights carving and moulding, and also tones down over-decorated surfaces. And the nice part about it is that if you don't get the color or effect you want on the first try, you can wipe the glaze off with turpentine and try again.

Raw umber is a popular glaze color. It gives white enamelled furniture the look of ivory; over blue it produces a blue-green coloring; and used over red it gives a brick red finish.

Burnt umber is another popular oil choice. It produces a darker effect than the raw umber. Raw sienna or yellow ochre can be used to provide a golden tone. If you have doubts about the best glaze color for the effect you wish to achieve, ask your paint dealer.

Antique glaze is made by com-

binning three tablespoons of turpentine with 1½ teaspoons of the oil color and mixing thoroughly. Then blend in one tablespoon of clear quality varnish.

A brush or spray can be used for applying the glaze, either to the entire area at once or in sections, depending on the size of the piece.

Let the glaze set for one or two minutes. Then, using a clean, lint-free cloth, wipe it in circular motions. When working on a flat surface, begin wiping at the center and work outward to the edges.

When the glaze has been wiped, stipple the surface with a small dry brush. This softens the edges.

DIAL LIGHTS

New dial-type light switches can dim or brighten the light in a room much like stage lighting control. Rheostat principles are incorporated in each light switch.

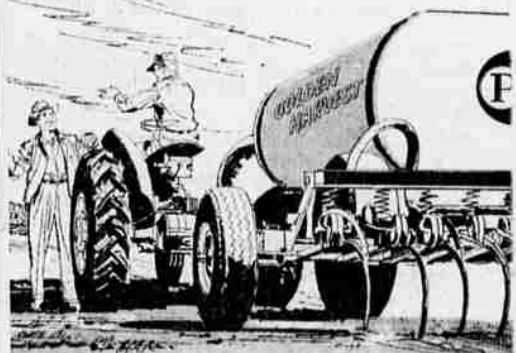
Attention! SEWER HOOK-UP

Beat the Dead Line! Licensed & Bonded Complete Installations Free Estimates

N. R. KIMES, Plbg.

Ph. TU 4-8620

FOR LAND'S SAKE USE . . . GOLDEN HARVEST FERTILIZERS with GET UP and GROW!



A Complete Line To Choose From LIQUIDS & SIMPLES or MIXED DRIES

For The First Time We Now Have Bulk Fertilizer Facilities For Your Bulk Dries.

Research Has Disclosed You Get At Least . . .

\$4⁰⁰ RETURN

For Every \$1.00 Invested

For Aqua Ammonia & Sulphur Applications, We Have The Applicators In 16', 24' & 40' Widths To Fit Your Particular Needs. You Get Fertilizer Know-How and SERVICE From The Men In CIRCLE P TRUCKS.

Sure sign for Fertilizer



Pacific Supply Cooperative

Klamath Falls . . . Hatfield . . . Tulelake

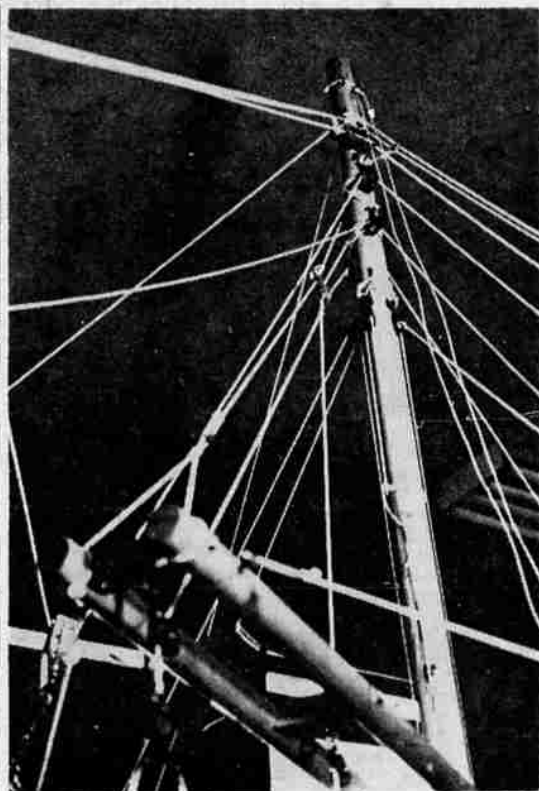
Using Attic Fan Simple

If you are disappointed in your attic fan, the reason could be you're not using it correctly.

An attic fan should run all night, expelling the accumulated hot, stuffy daytime air and drawing in cool night air. If the fan is installed efficiently, there is a complete change of air throughout the house in the first minute.

In a two-story house, you should open the first floor windows first. Close them later, and open the second floor windows — perhaps when you go to bed.

Shut off the fan in the morning and close the windows to keep the cool evening air in the house as long as possible.



MINUTE DETAIL, including a maze of guy, rigging and running lines on spar tree equipped with boom and tongs, is a feature of the classroom logging show miniaturized by Leonard Hines of Weed for the University of California.

— IPC Photo



YARDING LOGS with model rigging keep Debbie busy while she watches her dad, Leonard C. Hines of Weed, putting the finishing touches on another of his finely-detailed winch drums.

— IPC Photo