

New Device May Change Ways Of Heating, Cooling Homes

By HARMAN W. NICOLS
(United Press Staff Correspondent)

Washington, June 21 (U.P.)—One of these days the farm folks may be all glassed in—mom, dad, the kids, the hired man, plus the sow and the cow and Biddie, the hen.

They'll be cooler in the summer and warmer in the winter, same as the city slickers.

All of this is possible because of a new device that can direct the angle at which the sun will shine on a building in any part of the country at any time of the day. It was demonstrated at the annual meeting of the American Society of Agricultural Engineers.

The instrument is known as a solarometer and was perfected by engineers of Libbey-Owens-Ford Glass Company. It was used to show how the width of a roof overhang — or shade — can be determined to give a building the right shade to make it warmer in December and cooler in July.

David C. Sprague, an agricultural engineering consultant from Pennsylvania State college, has spent 5½ months looking over buildings where the machine has been used to put the right kind of glass in the right places.

You don't use the machine on the farm — just the glass — usually of picture-window size instead of the french-window type generally found in old-fashioned cow-barns, hog houses, and homes. In a solar-designed building, the large glass must be self-insulating — shaded in the summer and open to the sun in the winter.

The instrument itself is complicated, at least for guys like me. It must be set to demonstrate the angle the sun will shine on a building in any community. Then the gimmick sends a mechanical "sun" in an arc from dawn to dark in the proper path for that latitude. All of that was part of the demonstration.

According to Sprague, such glass of the modern double-pane kind used in ranch-type homes already has been put to use on farms.

The scientist says that's all a matter of humidity. If you can control the sun, you can keep the dampness down and the cows give with more milk, and are more contented. The hens lay better and cackle louder.

"When smaller panes are used in barns," he said, "dust and dirt collects and such windows won't last very long. I've seen timothy hay growing out of the sills, it was so damp. It's better, too if you can air-condition a barn."

The Pennsylvania agricultur-

ist said that isn't as silly as it sounds. A farmer worth a fork of hay can install the equipment himself and the whole works, blower and all, won't cost more than \$150. If he has electricity, he can run the business for a few cents a day and can have more contented cows and louder-grunting, fatter pigs in dry buildings.

Butch Given Hero's Reward

Des Moines, Ia., June 21 (U.P.)—Butch, a dog who saved his two-year-old master from drowning, reaped a hero's award today—an ice box full of beef.

"When he finishes that, he can have more," said Mrs. John Reed.

Her son, La Mont, fell into a water-filled pit, seven feet deep, yesterday. Butch, a mongrel, grabbed the boy's shirt with his teeth and held his head above water for an estimated 10 minutes.

His growling finally attracted the attention of La Mont's three older brothers who were playing nearby. By the time they brought their mother, Butch had dragged La Mont from the water.

Recover Stolen Auto

Albany, Ore.—Recovery at Depoe Bay of an automobile stolen here late Thursday night or early Friday, was reported Monday by state police. The car is owned by William Claude Luther, Elm street. Police found the car Saturday, parked in Depoe Bay garage.



'Kiss From Actress'—Frank John Roh, Jr., 27, receives kiss from new mother-in-law, Actress Mary Astor, following his marriage to her daughter at Sherman Oaks, Calif. Miss Astor's daughter and Roh's new bride, Marilyn Hauoli Thorpe, looks on at left. Bride as a little girl was central figure in custody battle involving Miss Astor. (AP Wire-photo)

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\$142,790 Bid In Land Sale

At the scheduled oral auction sale of timber on O.&C. lands held in Salem June 19, a total price of \$142,790 was bid for 6,340,000 board feet of timber.

The timber was located on approximately 195 acres of railroad grant lands administered by the bureau of land management in Yamhill and Tillamook counties.

According to District Forester A. P. Collins who conducted the sale, the Willamina Lumber company entered a high bid of \$24 per thousand feet for 5,080,000 board feet of Douglas fir, with a total purchase price of \$121,920. Hurl Bros. Logging company of Willamina bid \$25 per thousand feet of Douglas fir for a small parcel of timber located in Tillamook county.

Engle & Worth Lumber company of McMinnville was the high bidder of \$12.75 per thousand feet on a small parcel of

timber in Yamhill county, while the Murphy Timber company of Portland entered a high bid of \$20.75 per thousand feet for Douglas fir located in Tillamook county.

The sale upon this date brings the total value sold upon the Salem forest district for the fiscal year since July 1, 1949, to \$1,008,400 for a volume of approximately 62,000,000 board feet. Four additional tracts of timber upon the Salem Forest District and located in Clackamas, Yamhill, Marion, and Benton counties will be offered for sale by sealed bids at the Portland office of the regional administrator on June 20. An estimated volume slightly in excess of 3,000,000 board feet will be offered, with a total minimum bid price of \$32,161.

Martin Elected Director

Macley — Harry Martin, Jr., was reelected as director of the Macley school district at the annual election held Monday night. The budget is to be voted on at a later date this month.

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