

A Nichols' Worth of—

Comment On This and That

By HARMAN W. NICHOLS
United Press Feature Writer

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 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 depict the angle at which the sun will shine on a building in any part of the country at any time of day. It was demonstrated at the annual meeting of the American Society of Agricultural Engineers.

The instrument is known as a solarmeter and was perfected by engineers of Libby-Owens-Ford Glass company. It was used to show how the shade 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. Buildings Studied

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.

Instrument Complicated
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 dusk 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 practical use on farms.

The scientist says that's all a matter of humidity. If you can



PICKLE RACE WINNERS—Coxswain Hugh McDevitt, Stanford University, is ceremoniously given a dunking for being the coxswain of the winning combination crew (made up of Stanford and University of California) which won the "pickle boat" race at Marietta, O. The one-mile warm-up race is composed of five mixed crews of alternates and spares who will not have the opportunity to race in one of the big events at the 46th Intercollegiate Rowing Association Regatta. Due to severe flash floods in the area the main race has been shortened from three miles to two miles.

President to Hear Report on Formosa

control the sun, you can keep the dampness down and cows give with more milk, and are more contented. The hens lay better and cackle louder.

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

The Pennsylvania agriculturist 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.

South Bend, Ind.—(U.P.)—Notre Dame University has a new "germ free life" laboratory. It contains new apparatus for the rearing of a colony of germ free animals for bacteriological studies.

Defense Secretary Louis Johnson and Gen. Omar N. Bradley, chairman of the U.S. joint chiefs of staff, heard first hand today from Gen. Douglas MacArthur's intelligence how America's far eastern defenses would be threatened if Formosa falls.

They were briefed by Maj. Gen. Earl Partridge, acting chief of the far east air forces and commander of the operational fifth air force.

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FOUND FALSE ALARM
Seminole, Okla.—(U.P.)—When police waved a motorist to a halt, he sped away at 80 miles an hour. After a long chase he abandoned his car and ran. When the officers finally caught him they told him they wanted him "because your mother's worried at not seeing you recently and asked us to have you call."

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Agreement Reached in L.A. Transh Walkout

Los Angeles, June 21.—(U.P.)—The AFL transportation union approved the tentative settlement at a meeting this afternoon, regular service would be resumed Wednesday morning.

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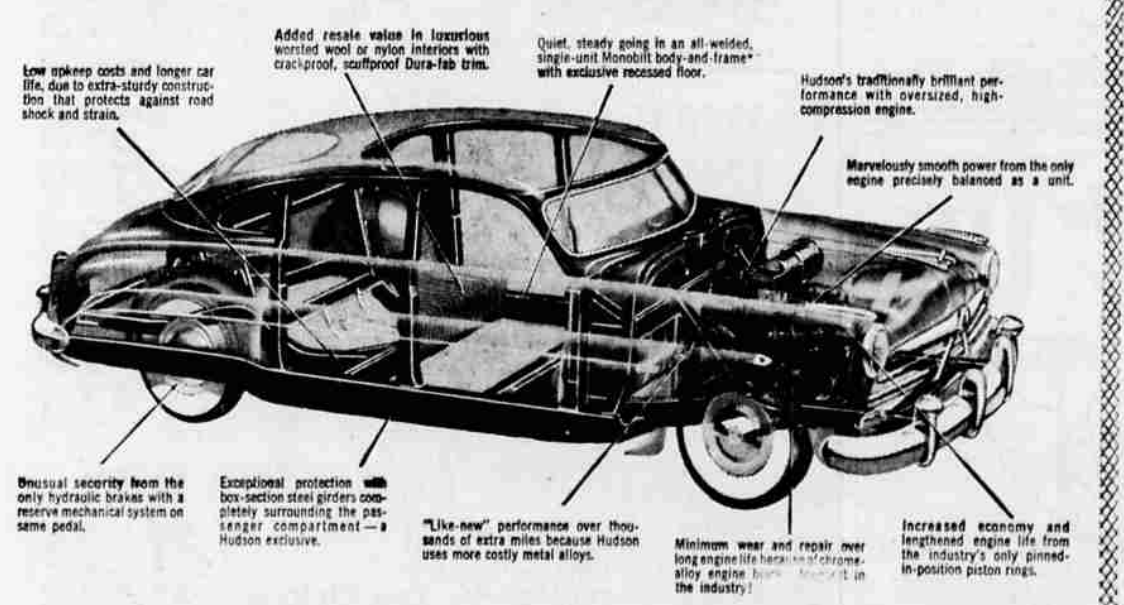
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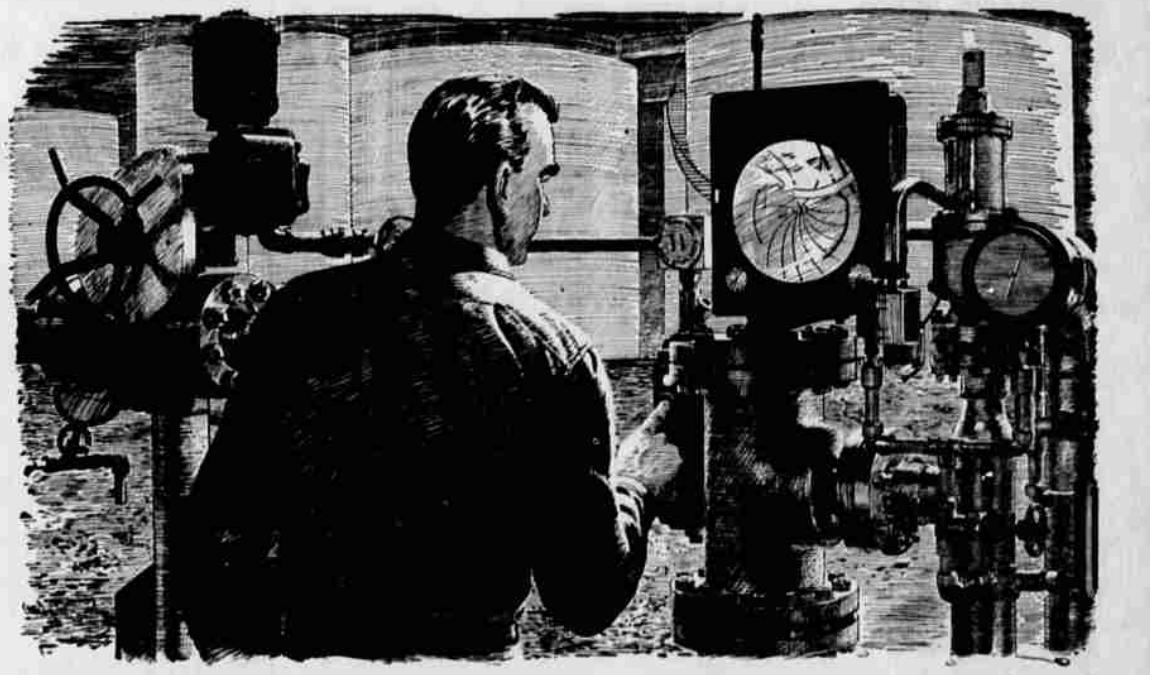
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