

# • New Machines and Gadgets •

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❁ **FROSTING FOR WINDOWS** is a paint that gives the same effect as commercial ground glass, permitting clear light to enter but providing privacy even under extreme illumination. Applied by brush or spray, it dries quickly to furnish a washable finish.

Science News Letter, November 5, 1949

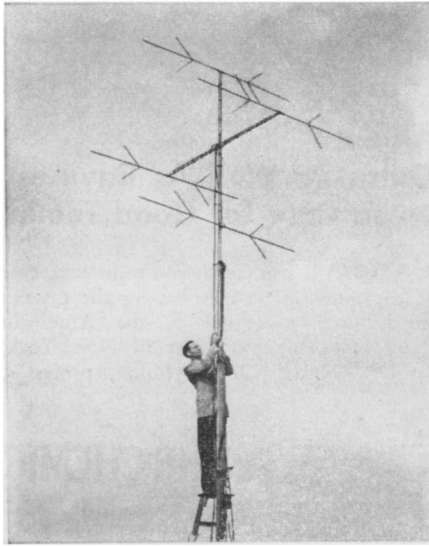
❁ **UPHOLSTERY PROTECTOR**, for automobile doors, is an easily-installed tough, transparent plastic sheet that comes in sets to fit many makes and styles of cars. Attached to each door separately with special tape and clips, it provides a grease- and flame-proof covering.

Science News Letter, November 5, 1949

❁ **SCREW-THREAD MEASURING DEVICE**, inexpensive but accurate, consists of a connected pair of precision-ground triangular steel bars, with points truncated to clear the root of the thread being measured. The bars are placed one on each side of the screw-thread, and a micrometer measurement taken.

Science News Letter, November 5, 1949

❁ **TELEVISION ANTENNA**, a reversible beam type suitable for use in areas lying between stations utilizing the same or adjacent channels, may be instantly re-



versed for reception from either direction without rotation. The "V" attachments, shown in the picture, provide uni-directional reception.

Science News Letter, November 5, 1949

❁ **PLASTIC BATH KIT**, with zipper closure, packs flat, hangs by a loop, and is completely water-proof. Fittings include flexible plastic bottles, soap dish, pockets

for shower cap, wash cloth and razor, and tabs for toothbrush.

Science News Letter, November 5, 1949

❁ **TWO-CYLINDER PUMP**, only two inches long, is a part of a compact electro-hydraulic temperature control system for hand-fired house heating plants. The kit, of which it is a part, includes a tiny motor and a thermostat. The installation, plugged into a basement outlet, automatically adjusts dampers.

Science News Letter, November 5, 1949

❁ **FLEXIBLE RUBBER MOLDS** enable a hostess to cast miniature figurines in wax for use on the dining table. By melting old candles, the molds can be filled with melted wax, and the figure formed—colored, if desired, by a thin layer of colored wax applied as a coating.

Science News Letter, November 5, 1949

❁ **TOBACCO COMPOSITION**, recently patented, contains a glycerin-like stable chemical known as alphamethylglycerine, a pure sample of which will absorb from one-half to two-thirds its volume of water in two or three days in a humid atmosphere. It is claimed to keep the tobacco at a proper moisture content.

Science News Letter, November 5, 1949

## Do You Know?

Potash, for fertilizers, is to be obtained from the water of the Dead Sea.

Lice feed on the blood they suck from their victim; this causes the stinging sensation and itchiness that invite scratching.

Iran is almost self-sufficient in its production of most agricultural items needed to feed its people, except sugar and tea.

Although the Canadian aluminum industry is less than 50 years old, and the nation has none of the necessary raw materials to produce this metal, it is now sixth in dollar value on Canada's export list.

The Old World holds both the high and the low outdoor temperature records; the high is one of 136 degrees Fahrenheit recorded in Libya, North Africa, and the low was 90 degrees below zero at Verkhoyansk, Siberia.

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