

• New Machines and Gadgets •

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🌀 **PAINT REMOVER**, developed by the U. S. Air Force for the removal of aircraft camouflage enamels, can be applied as a spray, after which a high-pressure water wash completes the job. It is believed to be a successful material for many industrial processes.

Science News Letter, October 8, 1949

🌀 **SPRAY NOZZLES**, for all kinds of spray problems where a fine break-up at low pressure is required, operate on a new principle, utilizing a unique spiral design, somewhat like the spiral of a wood-boring bit, that produces a finer atomization but is practically non-clogging.

Science News Letter, October 8, 1949

🌀 **FLASH-KIT** for photographers comes complete with all necessary parts, leaving for the purchaser an easy job in final assembly. It is designed to operate with any presently available camera, and includes a lamp good for many thousands of flashes.

Science News Letter, October 8, 1949

🌀 **FISHMOUTH SPREADER**, an improved type recently patented and fashioned from round wire stock, is a scissors-like device but one whose jaws are spread as the handles are pressed together. Its salient feature is a trigger cross arm between the handle ends, the notched teeth of which hold the spreader in open position.

Science News Letter, October 8, 1949



🌀 **BARK CONTROLLER**, for the dog with an early-morning habit of yapping for release from the doghouse, is a homemade apparatus with a microphone for an activator. The microphone picks up the "bark" and starts the mechanism that delivers a squirt of water on the dog's head, as shown in the picture.

Science News Letter, October 8, 1949

🌀 **MAGNETIC CATCH** for cabinets, cupboards and all small-hinged doors, consists

of a permanent magnet, attached to the door frame or the under side of a shelf, and a small metal disk on the door. The magnet works on a simple phosphor spring.

Science News Letter, October 8, 1949

🌀 **EFFECTIVE COOLER** for beer in metal kegs is cold water circulated in sealed plastic bands which are attached snugly to the kegs. The bands can be snapped off an old keg and on to a new one with little time or effort. Vinylite sheeting, of the type used, remains flexible at low temperatures.

Science News Letter, October 8, 1949

🌀 **SALAD BOWLS**, rectangular in shape and made of curved birchwood, are bonded together with liquid plastic and formed under high pressure. The wood is treated by an impregnation process which makes it washable and liquid proof, and prevents stains from oil, alcohol or water.

Science News Letter, October 8, 1949

🌀 **ELECTRIC DEPTH** gauge, to measure the distance from the surface to water in a well, utilizes on a weight lowered in the well a coating of such character with respect to the well casing that a current is created when water is reached by the electrode on the weight. It is a newly patented device.

Science News Letter, October 8, 1949

Do You Know?

The *magnitude* of a star is its brightness, not its size.

Oysters are taken commercially in the water of every American seaboard state except Maine and New Hampshire.

Cattle in Turkey are raised principally as work animals, and meat and milk are of secondary importance; sheep and goats are the principal food-supplying animals.

In recent tests on 58 coals collected from eight states, it was shown that those from Washington, Alabama and Utah gave the highest ammonia yields in a coking process.

Greenland dogs, sled-pulling huskies, are going from polar to polar regions as sled animals for a Norwegian-Swedish-British Antarctic expedition which leaves Europe soon; some 30 of them are now in Norway.

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