

• New Machines and Gadgets •

For addresses where you can get more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., Washington 6, D. C. and ask for Gadget Bulletin 541. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **EAR MUFFS** for youngsters have soft fur on the insides and on the two outer sides plastic figures of popular faces framed in fur. The metal connecting frame is adjustable to fit various heads; weather conditions will not harm the washable plastic figures.

Science News Letter, October 21, 1950

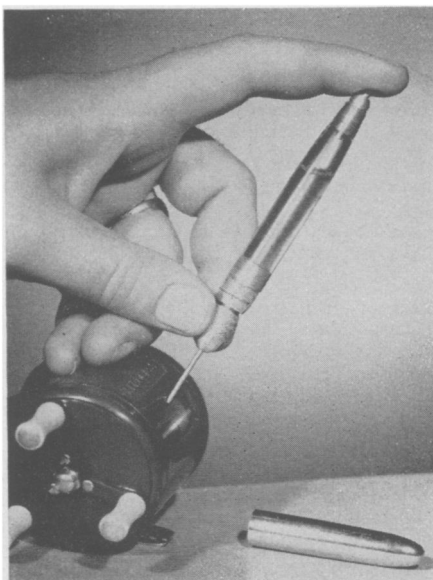
⚙️ **TINY HEARING AID** is nearly unnoticeable in the user's ear, being only slightly larger than the button on a man's shirt. It has very wide frequency range, and also high and low tone control to provide sound selectivity at either end of the range.

Science News Letter, October 21, 1950

⚙️ **WINTER OVERSHOES** are made of nylon except for crepe rubber soles. The outer fabric is a special nylon weave; the lining is a soft, deep pile nylon fabric. These boots are light in weight, well shaped, and offer a shield against both cold and wetness.

Science News Letter, October 21, 1950

⚙️ **LUBRICATOR** for small machines and instruments, shown in the picture, has a transparent plastic barrel to hold the oil and a slender oiling tube which operates in holes up to three-fourths of an inch



deep. Finger pressure on a button on the top disperses the oil.

Science News Letter, October 21, 1950

⚙️ **PLASTIC RULER** for the office desk can be used also as a postal scale. For weighing, it is held between two fingers by a short metal shaft, three inches from

one end, on which the ruler swings freely. A sealed envelope stuck in a slot on the short end balances against the weight of the long end.

Science News Letter, October 21, 1950

⚙️ **BOX REFRIGERATOR**, suitable for small apartments or to take on a picnic, is aluminum on inside and outside, with fiber glass between to provide the insulating protection. It is a lightweight affair, with two compartments, one for food and the other for ice.

Science News Letter, October 21, 1950

⚙️ **MICROSCOPE LAMP**, which uses an ordinary 40-watt electric bulb, is a two-pound device with the bulb inside a cylindrical casing with a condensing lens of the bull's-eye type. With ball-and-socket joint to direct the light, the ventilated casing has a shield to protect the user's eyes.

Science News Letter, October 21, 1950

⚙️ **SAWDUST REMOVER**, for attachment to the ordinary handsaw, is a newly patented device which blows the dust from the line on the lumber being followed by the carpenter. It is a tubular device, attached near the handle, that picks up air as the saw is pushed forward, delivering it to the surface below.

Science News Letter, October 21, 1950

Do You Know?

There are more rats than people in the United States.

Cashew nuts eaten by Americans come largely from India.

The sugar crop of Cuba for 1950 will total over 6,000,000 tons, it is expected; it is Cuba's third largest sugar crop.

A 4,000-foot viaduct under construction in Cincinnati will serve as a traffic aid by keeping through east-west automobiles off busy surface streets.

The best place to find fossils is in sedimentary rock formed by deposits of sand and silt; in it plant and animal tissues could be buried without being crushed.

Calcium chloride, employed to keep canned whole tomatoes firm until used, reacts with the pectin compounds in the vegetable to form a gel which tends to preserve the tomatoes in their original shape.

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Things of science

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10-21-50