

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 748. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **FISH BAG** keeps your catch, and its smell, on ice while you drive home from your favorite stream. Made of plastic, the bag has a special drain tube that hangs over your bumper so that your car trunk will not be flooded by melting ice. The big bag doubles as a game bag in the fall.

Science News Letter, October 16, 1954

⚙️ **CURVE-CUTTING** attachment for Delta circular saws permits the home craftsman to do bevel curve-cutting as easily as curves cut at a 90-degree angle. The device attaches in 60 seconds beneath the saw table, thus not encroaching on working space.

Science News Letter, October 16, 1954

⚙️ **WASHABLE RAINCOAT** for men retains its water-shedding properties even after laundering in the home washing machine. Treated with a water and spot-repellent, this poplin-type fabric is woven of 50% Dacron and 50% combed cotton. It will not shrink, fade or wrinkle and it drip-dries without pressing.

Science News Letter, October 16, 1954

⚙️ **CORNER CLAMP** for amateur and professional woodworking shops is made of heavy gauge steel. It grips everything from picture moldings to two-by-fours. Its maximum gripping capacity handles materials up to 4½ inches in width.

Science News Letter, October 16, 1954



⚙️ **PUNCTURE-PROOF INNERTUBE**, shown in the photograph, is said to "run cooler" because of its light weight, thus extending mileage and reducing chances of a blowout. Its built-in plastic sealant flows around punctures to prevent air leaks, yet it will not bunch up to cause out-of-balance tires.

Science News Letter, October 16, 1954

⚙️ **FOUNTAIN PEN** with a nib point is refilled, ball-point style, with a cartridge. It takes only 10 seconds to slip out the empty ink cartridge and replace it. The transparent cartridge, which can be carried safely in a pocket, shows how much ink remains in the one being used in the pen. In an emer-

gency, it can be refilled by dipping and squeezing it in ink.

Science News Letter, October 16, 1954

⚙️ **WINDSHIELD ANTI-FREEZE** is sprayed from its plastic bottle onto windshields in the evening so that a heavy ice-scraping job will not confront the motorist in the morning. A jet of the liquid squirted on ice that already has caked on the glass is said to help break it up for easy removal.

Science News Letter, October 16, 1954

⚙️ **IMPORTED SAFETY** razor has a diagonal twist in the razor head which helps the blade slice, not scrape off, tough beard. The razor is nickel plated and its blade guard will not rust or tarnish even if left wet.

Science News Letter, October 16, 1954

AGRICULTURE

Granite Dust For Fertilizer

➤ **GRANITE ROCK** ground very finely and spread on the fields is good fertilizer, supplying potassium, to alfalfa and clovers.

This has been reported to the New Hampshire State Planning and Development Commission by Prof. Charles J. Lyon, botanist of Dartmouth College.

Two granite minerals, feldspar and mica, supply potassium, one of the three main fertilizer elements, that can be used by some plants. Some plants, including tomatoes, sweet corn and tobacco, are not benefited.

Science News Letter, October 16, 1954

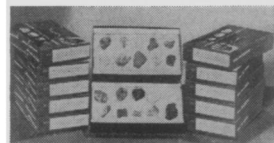
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Questions

AERONAUTICS—What are the advantages of the new Martin jet intruder bomber? p. 245.

□ □ □

ASTRONOMY—What part has been borrowed from design of guided missiles to study the atmosphere of stars? p. 247.

What were the necessary steps in the rediscovery of the minor planet Athalia? p. 243.

□ □ □

DENTISTRY—How rapidly do Americans lose their teeth? p. 246.

What is now thought to be the cause of tooth decay? p. 242.

□ □ □

EMBRYOLOGY—How frequently are joined twins born? p. 242.

□ □ □

METEOROLOGY—How many hurricanes have set their course for New England this century? p. 245.

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Photographs: Cover, Glenn L. Martin; p. 243, Indiana University; p. 244, Monsanto; p. 245, Glenn L. Martin; p. 247, U.S.A.F.; p. 250, Gaines Dog Research Center; p. 252, U. S. Rubber Co.

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