

• New Machines And Gadgets •

If you want 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 375. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **ATTACHMENT** to a paint brush keeps paint off window panes when painting sash. It consists of a broad arrow-shaped light metal guard on the end of a flat spring fastened to the brush handle, which fits over the bristles and holds them away from wrong surfaces. The guard slides up the spring when not needed.

Science News Letter, August 16, 1947

⚙️ **VISIBILITY METER**, for measuring night visibility of traffic paint and roadside signs, is a visual instrument within which light reflected from the paint is compared in brightness to an illuminated comparison panel attached within to a numerical scale. The panel is rotated by the operator.

Science News Letter, August 16, 1947

⚙️ **SOFT DRINK VENDER** automatically serves a cup of Coca-Cola when a nickel is inserted in a slot. Mechanism drops a paper cup into place, and delivers into it syrup and carbonated water under pressure. The customer lifts a small glass window to get his drink. The device automatically makes change for a dime or quarter.

Science News Letter, August 16, 1947

⚙️ **PENCIL SHARPENER**, electrically operated and shown in the picture, gives a medium, fine or superfine point by regulating a three-position lever. Housed in molded plastic, it contains a



drawer to catch the shavings. A draftsman's model sharpens only the wood, leaving the lead untouched.

Science News Letter, August 16, 1947

⚙️ **ELECTRIC HEATER** for kitchen uses, ranging from frying eggs, browning pies, and defrosting refrigerators to removing paint, is carried in one hand like a skillet, the six-inch heating housing being elongated and tapered. The housing is so shaped that all heat is radiated in one direction.

Science News Letter, August 16, 1947

⚙️ **NON-SKID MAT**, designed particularly for home or factory workers who stand long periods at table or bench, has both upper and lower surfaces covered with hundreds of quarter-inch-high rubber cones. It cushions the feet, protects from damp floors, and prevents shocks from static electricity.

Science News Letter, August 16, 1947

⚙️ **GLARE SHIELD** for automobile drivers, for attachment to the windshield by a rubber suction cup, can be swung up or down by a flip of the finger when not needed. Made of a tinted plastic, it cuts the glare while the driver watches the road by looking above or below the shield.

Science News Letter, August 16, 1947

An Appreciated Way
of
Saying: "Thank You"
or "Congratulations"

GIFT subscriptions to
Science News Letter

are as welcome in August as in December. Just send us your instructions—who is the fortunate person and the address. A gracious card will be mailed if you wish. Send SNL for birthdays (all ages), as going away presents for vacations, to alert youths ready for college, as bread-and-butter presents after week-end visits. Gifts are \$5 a year for one gift, \$8 for two yearly gifts.

GIFT

To: Science News Letter,
1719 N St., N. W.,
Washington 6, D. C.

Send SNL as gift to
name and address written
on attached slip.

\$____enclosed.

Send gift card.

GIFT

Question Box

ASTRONOMY

How will meteors affect spaceship traveling? p. 108.

CHEMISTRY

What advantages have the new synthetic fabrics? p. 106.

Why did the neptunium series become extinct? p. 101.

DENTISTRY

How can the dentist's drilling be painless? p. 107.

ECOLOGY

How do goats play the devil? p. 110.

Pictures: Cover, U. S. Navy; p. 99, Rohm & Haas Co.; p. 101, Philadelphia Zoological Society; p. 103, Army Air Forces; p. 107, Science Service.

GENERAL SCIENCE

Why did the President veto the National Science Foundation bill? p. 99.

MEDICINE

Is the new morphine substitute habit-forming? p. 98.

PHYSICS

How does an electric photocell detect carbon monoxide in a plane? p. 103.

RADIOACTIVITY

What disease virus has been "tagged"? p. 102.

WILDLIFE

Why has a shorter season for ducks been established this year? p. 105.