

# • 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 813. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **TOY TELEPHONE** for hard playing youngsters is unbreakable. Molded of polyethylene plastic, finger smudges, jam and other foods can be wiped off or washed clean with soap and water. The dial spins around and rings softly as a spring spins it back.

Science News Letter, January 14, 1956

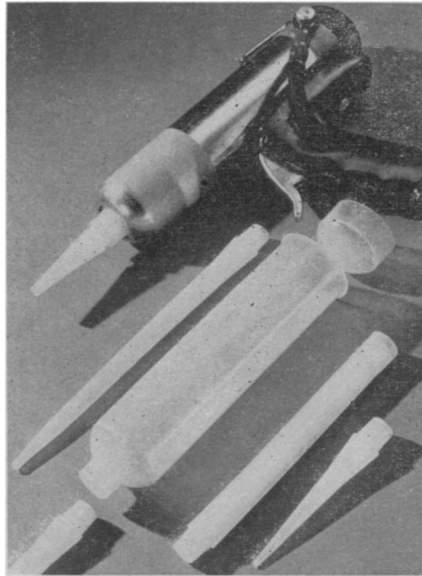
⚙️ **ATOMIC CHART** for offices and laboratories is printed on a combination of fiber and plastic that makes it washable. The periodic chart will not curl, flake or fray. All atomic weights are corrected to conform with the 1952 international committee values.

Science News Letter, January 14, 1956

⚙️ **SHOE INSOLES** made of vinyl resins promise longer wear and better absorption of perspiration without cracking. A layer of the porous material is sandwiched between two layers of latex-impregnated backing. This is split in half to form a right and left porous insole.

Science News Letter, January 14, 1956

⚙️ **SEALANT GUN** designed to speed sealing operations uses throw-away cartridges and nozzles made of polyethylene plastic,



as shown in photograph. The threaded nozzles screw into the cartridge. After use, they can be discarded to save cleaning time and costs. The gun is small, light, and effective at close-quarters work.

Science News Letter, January 14, 1956

⚙️ **SET SCREW** is headless and self-locking, particularly adapted to soft metals. The top of the screw is spread slightly and takes up the "flow" of the soft metal, causing the locking action. It can be removed and re-used.

Science News Letter, January 14, 1956

⚙️ **DRILL POINT GAUGE** for the do-it-yourself craftsman enables anyone to measure chisel point, point angle and clearance angle. Made of stainless steel, the gauge is in the form of two semi-circular discs held together at the center.

Science News Letter, January 14, 1956

⚙️ **GARDEN FENCE** for the home owner is a heavy gauge steel, covered with white plastic and electro welded into prefabricated units. The packaged fencing, available in either high or low sizes, does not scratch, break, rust or discolor.

Science News Letter, January 14, 1956

⚙️ **FIRE SAFETY SKYLIGHT** is made of fiber glass reinforced, translucent structural panels. It is designed to give automatic and immediate ventilation in case of fire. The fire opening mechanism consists of an aluminum enclosed spring unit with a stainless steel rod.

Science News Letter, January 14, 1956

## A FEW MEMBERSHIPS ARE NOW AVAILABLE

## in *Things* of science for 1956

### A WONDERFUL GIFT . . . ANY TIME OF YEAR

ONCE A MONTH for a year we will pack a blue package with scientific fun, with mental stimulation, with hours of absorption, with future hobbies, with knowledge; but specifically we will pack the boxes with THINGS of science — real objects of science to be handled and looked at and owned. And with them, sheets of suggested experiments and complete explanations of them. There are now more than ten thousand members of the group of friends of science who receive one of these exciting boxes each month. This unusual service comes one year postpaid for \$5.00. (Add \$1 for additional postage on outside U.S.A. addresses.) Use this coupon to send in your gift memberships NOW.

Send **THINGS of science for one year to the names and addresses on the attached sheets.**

- Renew my own subscription for one year.
- Payment enclosed.  Bill me.
- Send gift card in my name as imprinted at the left.

1-14-6

## Do You Know?

The production of milk per cow in Russia annually is about half that in the United States.

It is estimated that the leaf surface of a 12-year-old apple tree may be equal to about one-tenth of an acre.

A person standing on one leg imposes on the corresponding hip joint a weight two and a half times his body weight.

Non-whites in the United States comprised 12.1% of the population in 1900; in 1955, they were 10.8%.

Information that every kind of cell has its own peculiar chemical needs makes it evident that chemicals which cure mouse cancer will not necessarily cure human cancer.

The 1955 tobacco crop in North America declined about 10,000,000 pounds as compared with 1954.

The reliable starting ability of a gas turbine in cold weather is a reason for the engine's increasing use.