

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

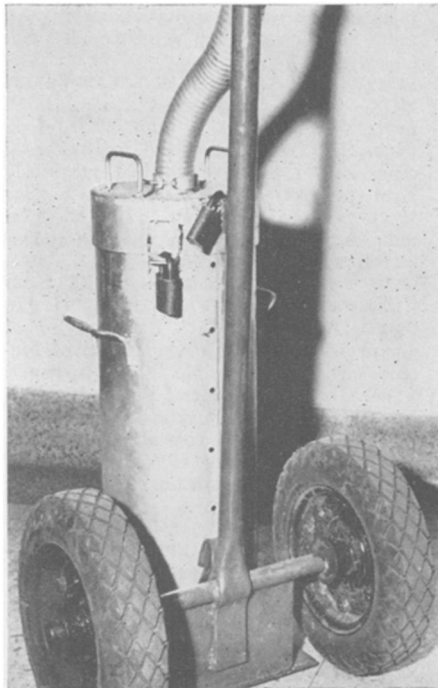
⚙️ **BOTTLE CONTAINER** for baby's bottle is a plastic cup with a conical top which has a removable projection covering the nipple itself. The container lessens danger of breaking when baby tosses the bottle to the floor, and it helps hold the temperature of the milk.

Science News Letter, August 30, 1947

⚙️ **VAPORIZING DEVICE**, developed by the U. S. Department of Agriculture to increase humidity in chicken houses but usable in dry-country homes, consists of an electric fan that rotates a small water wheel whose vanes dip into a pan of water. The fan's breeze adds the water vapor to the air stream.

Science News Letter, August 30, 1947

⚙️ **COIN COLLECTOR** from street parking meters, a home-made device built in the shops of an American city, has a coin tank, shown in the picture, made of iron sheets with welded joints. The tank is locked to the wheeled carriage, and has a flexible tube at the top



with funnel into which the coins dump from the meter.

Science News Letter, August 30, 1947

⚙️ **AIRCRAFT slot antenna** for radar altimeters fits into the wing or fuselage surface where it offers no drag to the air. It consists of an aluminum cavity with the exposed face of the antenna covered with a transparent plastic, and is designed to replace protruding antenna now in use.

Science News Letter, August 30, 1947

⚙️ **PLASTIC CEMENT**, that will hold an ordinary wire paper clip bonded to paper, is an almost universal adhesive that will bind many kinds of materials together. It is clear and colorless, dries quickly, is waterproof, and can be used to mend torn leather, cloth and board book bindings.

Science News Letter, August 30, 1947

Question Box

AERONAUTICS

Is the personal plane of 1957 likely to have a jet engine? p. 134.

AGRICULTURE

What chemical rescued thousands of acres of corn in drenched fields? p. 130.

ASTRONOMY

What signs of autumn appear in the skies next month? p. 138.

What star had its secrets hidden from astronomers behind an iron curtain? p. 130.

BIOCHEMISTRY

How does histamine act to destroy disease germs? p. 131.

BIOLOGY

How many molds act as enemies of soft corn? p. 131.

CHEMISTRY

What practical use has been found for Germanium? p. 136.

ENTOMOLOGY

From what fruit has a fly poison been extracted? p. 136.

Where do mosquitoes grow in trees? p. 136.

Pictures: Cover, Zoological Society of San Diego; p. 131, NAS; p. 133, General Electric; p. 134, Glenn L. Martin.

INVENTION

How is a rocket used in life-saving? p. 131.

MEDICINE

What poison gas is useful as a remedy? p. 135.

What remedy may replace silver nitrate for babies' sore eyes? p. 137.

PHYSICS

How low a temperature has been obtained with the new helium liquefier at Rutgers? p. 136.

PHYSIOLOGY

What vitamin will help you to withstand extreme cold? p. 134.

VETERINARY MEDICINE

How can germs be smuggled into man? p. 132.

What birds are dying of horse encephalomyelitis? p. 140.

What new steps are being taken toward the control of rabies? p. 133.

What new use had been found for PABA? p. 130.

Books

SCIENCE NEWS LETTER will obtain for you any American book in print. Send check or money order to cover regular retail price (\$5 if price is unknown, change to be remitted) and we will pay postage in the United States. For each free publication desired, send 10 cents to cover handling.

Address Book Department
SCIENCE NEWS LETTER
1719 N St., N. W. Washington 6, D. C.

The imprint to the right is mailing address for your Science News Letter.

Date on lower line is expiration of your subscription.

Renew early to avoid lapse in service.

In requesting change of address please give your old address as well as the new one, at least two weeks before change is to become effective.