

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

⚙️ **INFLATABLE** pillow for the bed or couch can be filled with air to the extent desired to meet individual needs. Vinylite plastic sheeting is used in its construction. This is a durable material easily cleaned with a damp cloth and it is also uninjured by moisture or oil.

Science News Letter, January 20, 1951

⚙️ **PORTABLE** photo-copier, business letter size and two inches thick, can be used wherever electric current is available. Photographic paper is placed over the sheet to be copied, the device pressed down over it and the current turned on. After proper exposure the photographic paper is removed and developed.

Science News Letter, January 20, 1951

⚙️ **AIR** improver, particularly for use in a poorly ventilated lavatory, is a wall attachment with a small, quiet, electric motor blower which circulates the air through activated carbon. The device does not change the air in any way except to filter out impurities.

Science News Letter, January 20, 1951

## Do You Know?

Pork is an excellent source of high-quality protein.

New York City is becoming the fur capital of the world.

Three days without water is almost certain to be fatal to a mink.

High cooking heat changes the flavor of honey by caramelizing its sugar.

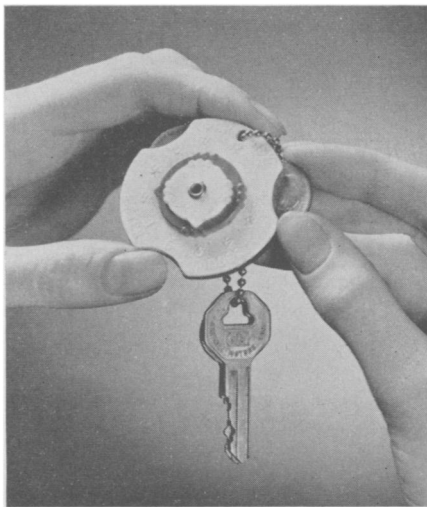
The *marten* is one of America's rarest and most valuable fur-bearing animals.

The total requirement of *vitamin A* for the average person is contained in the average serving of sweet potato.

When indoor *poinsettias* go dormant they may be kept in the cellar until spring and then set out in a partially shaded spot on the lawn.

Before World War I, American farmers relied on Germany for potash for *fertilizers*; today the United States is producing enough for its own needs and for Canada as well.

Polished *rice* coated with thiamine, niacin and iron, fed experimentally in the Philippines to men and women, has resulted in a decrease of beriberi, a common disease in that country.



⚙️ **COIN** and key holder, shown in the picture, is for automobile drivers and holds two nickels and one penny in readiness for the parking meter. A clock face on one side, with adjustable hands, serves as a reminder of parking time expiration.

Science News Letter, January 20, 1951

⚙️ **GEIGER-COUNTER** equipment, for measuring the thickness of tin coating on iron or steel, checks one side of a sheet at

a time or both sides simultaneously. In this electronic apparatus, radiation from a high-intensity X-ray tube is directed onto the plated sheet and emerging radiation is measured.

Science News Letter, January 20, 1951

⚙️ **ROTARY TOOTHBRUSH**, electrically driven, is a recently patented device with a motor preferably of the reversible type for effective use on upper and lower teeth on both sides of the mouth. In operation it discharges tooth powder or paste from a contained magazine as needed.

Science News Letter, January 20, 1951

⚙️ **GLIDE-STOP DEVICE**, for high-speed passenger elevators in buildings, permits the car to travel at high speed until within 20 inches of a floor, then to come to a smooth gradual stop. Vertical magnets on the top of the car provide automatic controls.

Science News Letter, January 20, 1951

⚙️ **COMBINATION** steam cleaner and flusher for the automobile cooling system removes grease and dirt from the engine and also washes out the radiator, engine block and water-type car heater. It gives reverse flushing, and utilizes heat, chemical and temperature changes to clean the system.

Science News Letter, January 20, 1951



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