

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

❁ **PLASTIC SNOWFLAKES**, made of transparent styrene, provide sparkling Christmas decorations with a gem-like appearance. They are giant snowflakes in size, and can be bought in individual form or assembled to form an 18-inch Christmas tree or a Gothic window.

Science News Letter, November 11, 1950

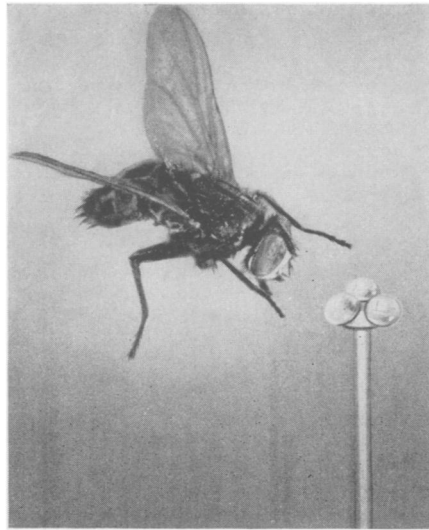
❁ **MULTI-COLOR ENAMEL**, for uses ranging from furniture to sidewalls is applied in a single coat to give a uniformly-distributed broken-effect finish. A combination of brown-and-white, or black-and-white, gives a marbled finish. The enamel is available in 16 color combinations.

Science News Letter, November 11, 1950

❁ **INFRARED HEATER**, in a 10-inch deep aluminum cup, is controlled by an automatic thermostat which turns on the electric current and heat when the temperature approaches freezing. The portable device has many applications from engine warming to frost protection.

Science News Letter, November 11, 1950

❁ **TINY OBJECTIVE LENSES** used in certain microscopes are smaller than a housefly's eye but accurate to a millionth of an inch. Three of them, among the most



powerful lenses known, are shown in the picture on the head of a common pin.

Science News Letter, November 11, 1950

❁ **LABORATORY MIXER** for liquids, a liquid and a solid, or a liquid and a gas, does not use the customary whirlpool action but instead a paddle-baffle arrangement

which mixes both horizontally and vertically. It is faster and more efficient than whirlpool mixing.

Science News Letter, November 11, 1950

❁ **POLISHING BLOCK** for silverware is made of a chemical rubber known as neoprene with contours that fit silver of different shapes. The top has grooves for forks, a flat section for knives, and spoon-fitting parts. Silver polish is applied directly to the neoprene block.

Science News Letter, November 11, 1950

❁ **BLANK FACE** of a new type of doll can be changed with pencil or crayon as often as the young owner may wish. The face is made of rigid vinylite plastic on which new expressions can be easily drawn, and from which old decorations can be wiped with tissue.

Science News Letter, November 11, 1950

❁ **OZONATOR** in a new type is an industrial machine for testing rubber and rubber-like materials in an atmosphere containing ozone. The machine generates ozone into an exposure chamber on which specimens are rotated on a rack. Resistance to cracking is tested.

Science News Letter, November 11, 1950

Do You Know?

South Korea has one of the world's largest deposits of tungsten.

Sweet potatoes are rich in carotene which, in the body, changes to vitamin A.

Cypress wood usually contains an oily material that forms a natural preservative.

The growing use of paper handkerchiefs is said by scientists to be an important factor in the control of infectious diseases.

Klystron is a new kind of radio tube which makes it possible to transmit telephone conversations long distances without wires.

Colombia is the only principal livestock-producing country in South America entirely free from the destructive hoof-and-mouth cattle disease.

Glauber's salt is being used in a Massachusetts experimental house to store solar heat until needed to heat the house; the heat of the sun liquefies it, but the heat is given off when the salt solidifies later.

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