

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

⊗ **AIR-PURIFYING LAMP** for the home or office kills tobacco, laundry, kitchen and "stale air" odors. Available in aluminum, copper or brass finish, the table-size electric lamp costs less than one cent a day to operate, and provides soft indirect lighting as well as clean-smelling air.

Science News Letter, May 17, 1952

⊗ **SUPER-FLYSWATTER**, designed for greater speed and accuracy in swatting insects, has a whip-action handle and blade. Entirely plastic, the swatter can be washed easily and will not snag fabrics.

Science News Letter, May 17, 1952

⊗ **MAGNETIC PROBE** no larger than a fountain pen can be screwed in or out of its case in mechanical-pencil fashion to yield different magnet strengths. Useful for removing steel or iron particles from hard-to-reach places or from human flesh, the instrument can be sterilized without harm.

Science News Letter, May 17, 1952

⊗ **WINDOW SILLS** for automobile doors cover worn spots and protect metal finish. Exceptionally resistant to corrosion and wear, the plastic sills are designed to clip on all makes of car doors, and to provide comfortable arm rests.

Science News Letter, May 17, 1952

⊗ **PARTY SPECTACLES** having bulging, colored "eyeballs" and lopsided "pupils" of



clear glass make good toys for children and adults. The plastic goggles, shown in the illustration, not only distort the wearer's appearance, but also make it hard for him to judge distance and direction.

Science News Letter, May 17, 1952

⊗ **FAUCET HEATER** that clamps to standard cold water taps provides water from warm to very hot, depending upon how fast the water is being drawn. Also good as a "booster" for hot-water spigots, the electric device shuts off automatically when the faucet is closed.

Science News Letter, May 17, 1952

⊗ **FILE TRAYS**, that hold papers to be filed, clip directly to the file drawers. The trays speed operations and reduce worker fatigue by making it unnecessary to place the papers on the floor or on top of cabinets while one item is being handled.

Science News Letter, May 17, 1952

⊗ **WALL COATING** of plastic is sprayed on in a single coat and forms a continuous web that will bridge wall cracks up to two inches. Made with a vinyl resin base, the protective coating resists deterioration by weather, water, major mold and mildew groups, most acids and alkalis, and by strong washing detergents.

Science News Letter, May 17, 1952

## A FEW MEMBERSHIPS ARE NOW AVAILABLE

### in *Things* of science

## Do You Know?

In present-day television receivers, the scanning spot of light necessary to produce a picture 10 inches wide travels at a speed of about three miles per second—about six times the speed of a bullet from a standard army rifle.

For every engineering man-hour on a typical World War II plane, there are 100 engineering man-hours on today's typical guided missile.

At an altitude of 100 miles, a cubic foot of atmosphere contains only about three millions as much air as a cubic foot at ground level.

A touchstone is a black rock used in ancient times to test precious metals and their alloys; the metals were rubbed across the stone and the resulting streaks were analyzed visually.

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