

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

☛ **COMBINATION BAG**, a handbag when folded and a shopping bag when open, is made of water-proof plastic, and is arranged so that the lower half can be folded against the upper and fastened in place to form a neat, trim purse. It has an inside zipper pocket for bills and coins.

Science News Letter, March 5, 1949

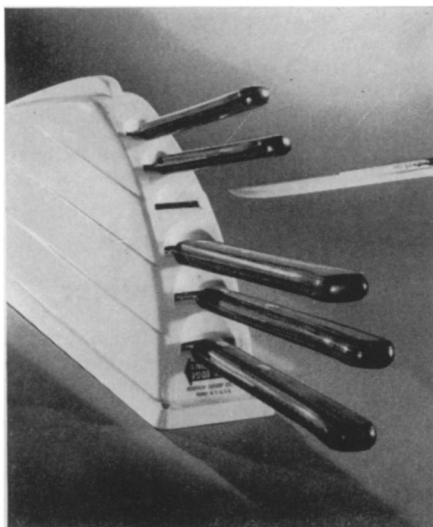
☛ **ALUMINUM WALL TILE**, for household uses, is easily applied to any smooth wall with a water-proof mastic that holds it firmly so that it will not peel, crack or bulge. Usable in any room including the bath, it comes in various colors in a finish bonded and baked to the metal before sheets are cut to tile size.

Science News Letter, March 5, 1949

☛ **ELECTRIC SWITCH** for electric heating pads is operated by fingertip touch, not sight, with one button for low heat, a pair for medium, and a set of three for high heat. Reversing a tiny rotor cuts the current off.

Science News Letter, March 5, 1949

☛ **KNIFE HOLDER**, shown in the picture, has a series of slots for the various knives, within each of which is a sharpener that hones the blade whenever it is inserted or withdrawn. The casing is a chip-proof,



peel-proof, durable plastic which is made in various colors.

Science News Letter, March 5, 1949

☛ **ANTI-GLARE DEVICE**, recently patented, is for use of an automobile driver to shield his left eye from approaching headlights. Supported on the head by a band, the device has a translucent shield to the

left of the eye, and partially in front, so that by a slight turn of the head the glare is eliminated.

Science News Letter, March 5, 1949

☛ **TABLE, CONVERTIBLE** in height, has a center screw shaft like those used in office chairs and can be raised or lowered 10 inches. At its low height, it is an ideal coffee table, and when raised with leaves up it becomes a 30-inch square card or cocktail table.

Science News Letter, March 5, 1949

☛ **ENVELOPE ADDRESSER**, for use of church organizations or small business houses, requires no stencil or plate for each address, but uses only a master tape and a colorless fluid. It prints from carbon impressions typed on a long paper strip.

Science News Letter, March 5, 1949

☛ **ELECTRIC VIBRATOR**, strapped to the back of the hand, makes a "Swedish" massage possible in the home, given by any person after a little practice. The electrically driven device, usable with ordinary household current, makes possible the soothing, rubbing action required for muscle toning.

Science News Letter, March 5, 1949

## Do You Know?

A *jur farm*, to be established in Tierra del Fuego, the island group beyond the southern tip of South America, will raise six kinds of foxes but will specialize in nutrias and mink.

*Citrus molasses*, also known as final syrup, is a by-product in processing citrus fruit products.

*Acids* from citrus fruits are used to give zip to soybean oil salad dressing.

Much of nature's *chemistry* in geological processes was carried out at high pressures and temperatures, not yet explored by man; when man does enter this high-pressure high-temperature field, he may have to re-write much of the chemistry of today.

Bicarbonates and sulfates of calcium and magnesium, perhaps the most common causes of *hardness in water*, do not make the water injurious to health but they form insoluble compounds with soaps.

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