

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 690. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **BEARD POWDER**, designed especially for men who use electric shavers, is compressed into a stick that is rubbed over the whiskers before shaving. The powder provides a smooth surface, permitting the razor to glide easily over the face even in muggy weather.

Science News Letter, September 5, 1953

⚙️ **SAFETY LATCH** for doors to refrigerated rooms should help reduce tragedy when persons are accidentally locked in walk-in cold storage rooms, or when robbers force them into such rooms at gun-point. The latch has a handle that opens the door from the inside.

Science News Letter, September 5, 1953

⚙️ **TINY POWER** tool is suitable for hobbyists and professionals who work in plastic, metal, wood, glass, leather and bone. Equipped with 40 accessories for grinding, polishing, carving, drilling, cutting, sanding, sawing, engraving, shaping and routing, the device is only six inches long and is held like a pencil. It has a high-speed electric motor that operates on household current.

Science News Letter, September 5, 1953

⚙️ **BOOK JACKET** features paper covers for the book and a translucent polyethylene plastic strip that fits over the spine making



the title easy to read. Adjustable to books of various sizes, the jackets, shown in the photograph, can be used by students and can be imprinted with school colors, names and insignias.

Science News Letter, September 5, 1953

⚙️ **COUNTER COFFEE** maker for hotels and restaurants brews 400 cups in an hour. Using a frozen liquid coffee concentrate,

the machine is fully automatic when connected to a water line and when plugged into 110-volt current. Coffee is dispensed at the touch of a pushbutton.

Science News Letter, September 5, 1953

⚙️ **SPONGE MOP** has a built-in brush for attacking stubborn dirt spots. The device also features a sliding "rinsing bar" that slips up and down the handle to wring out the sponge. The brush bristles are made of styrene plastic filaments that resist soap, moisture and detergents and that are said to outlast ordinary bristles five to one.

Science News Letter, September 5, 1953

⚙️ **PLAY PEN** resembles in its construction the lattice gates now widely used to prevent tiny tots from falling down the front porch stairs. The pen expands into a large circle giving 23 square feet of playing space that is covered by an easy-to-clean quilted pad. The pen rolls into a tight, eight-inch-diameter bundle when not in use.

Science News Letter, September 5, 1953

⚙️ **NEW EXPOSURE** meter for color-film enthusiasts has a perforated metal tab that slips into the meter proper. The meter needle points directly at the proper lens opening for a shutter speed of 1/50 second. The meter can be used in color 3-D photography, either still or movie. It also can be used in standard black-and-white photography with still or movie cameras.

Science News Letter, September 5, 1953

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Do You Know?

The world gains 70,000 persons each 24 hours.

A model airplane has been built that can lift a payload 3.5 times its own weight.

Protective finishes for modern automobiles are only 1/3000th of an inch thick.

Electric light traps can help detect the pink bollworm in cotton areas thought uninfested.

The cloud swift of the West Indies is probably the fastest flying bird; it has been clocked at speeds of 171 to 200 miles an hour.

The odor of flowers is determined by the number and arrangement of carbon, hydrogen and oxygen atoms making up the fragrant compounds.