

• New Machines and Gadgets •

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⚙️ **MARGIN STENCIL**, made of celluloid-like material, slips over typing paper and provides automatic text framing for letters and reports to be typed. Available in small, large and legal sizes, it is designed to save time for students and stenographers. A line counter is printed on the durable device.

Science News Letter, September 26, 1953

⚙️ **GRIPPING MAT** helps the housewife unscrew tightly sealed fruit jars, and also doubles as a rubber coaster that keeps glasses and dishes from slipping on slick tabletops. Hundreds of small suction cups on each side endow the palm-sized circular mat with its vise-like gripping qualities.

Science News Letter, September 26, 1953

⚙️ **VIBRATION DETECTOR** locates and measures dangerous vibrations of engine shafts and bearings, transmissions, stationary or mobile machines and equipment. Weighing less than four pounds, this small instrument records its vibration findings on a waxed-paper chart.

Science News Letter, September 26, 1953

⚙️ **PLASTIC PANELS** take the place of conventional shower curtains and fit standard shower and tub enclosures. Made of plastic in five pastel colors, the panel doors slide along metal guides and give watertight privacy to the bather.

Science News Letter, September 26, 1953



⚙️ **BASEBALL CAP** made of tough polyester resins designed to protect sandlot and professional players from bean balls is shown in the photograph. Shielding the wearer's temples and areas over the ears, the cap resists the violent impact of fast-pitched, batted or thrown balls. A sweatband and sponge dome liner help absorb the shock.

Science News Letter, September 26, 1953

⚙️ **PAGING SERVICE** now is being installed in many large cities to help bosses get messages to their off-duty or errand-running employees. Subscribers to the service are outfitted with tiny portable radio receivers to which they listen for a few seconds each hour. Messages can be broadcast to the receivers as far as 35 miles away.

Science News Letter, September 26, 1953

⚙️ **BATTERY-POWERED SHAVER** is said to yield "weeks of shaves" from its three-flashlight-cell power plant. The shaver has 12 self-sharpening rotary cutters which spin inside its two cutting heads. The shaver comes in a kit that includes an unbreakable mirror and a pigskin travel case.

Science News Letter, September 26, 1953

⚙️ **TELEPHONE STAND**, made of black wrought iron, also holds a telephone book, note pad and pencil within easy reach of the telephone user. Lightweight and portable, the stand's legs are rubber-tipped to prevent marring hardwood floors.

Science News Letter, September 26, 1953

Do You Know?

In the three years 1950-52, 68 explosions caused 186 fatalities in American coal mines.

Candies containing dairy butter will keep three times longer if 3% yeast or oat flour is included in the recipe.

A novel fan, shaped like a malted-milk container, delivers 300,000 cubic feet of fresh air a minute into underground mines.

The taste and appearance of vegetables high in vitamin C are closely related to the amount of this vitamin that survives the cooking process.

Deposits of lithium ore in Kings Mountain, North Carolina, are the largest known in North America.

A house with no insulation requires more than 1½ times as much fuel as a well-insulated home of the same construction.

The guava, a tropical fruit grown in Florida, contains a large amount of vitamin C.

Better wear and greater resistance to frost is promised asphalt roads by a new synthetic-rubber reinforcing compound.

The oil-filter on the carrier "U.S.S. Wasp" can filter fuel free of contaminants at the rate of 1,200 gallons a minute.

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