

# • New Machines and Gadgets •

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⚙️ **SPEEDY GLUE** bonds porous materials and can be used to repair porcelain articles or, when applied in a thin coat, to put a preserving film on maps or pictures. The colorless glue will permanently bond the following materials in any combination: wood, hardboard, cloth, leather and paper.

Science News Letter, March 6, 1954

⚙️ **ANTI-CURL MAGNETIC** tape has been specially designed to "last a lifetime" under usual operating conditions. The recording tape also is said to be unbreakable in normal use. It will not shrink, stretch or dry out even under the most abnormal climatic conditions.

Science News Letter, March 6, 1954

⚙️ **EYEGLASS LOUPE** attaches to either metal or plastic spectacle frames to give tool-makers, inspectors, watchmakers and hobbyists a magnified view of tiny screws and fine detail. The single lens model can be obtained to magnify 3X to 7X. A double lens model provides alternative powers of 4X or 7X.

Science News Letter, March 6, 1954

⚙️ **COFFEE-SAVING FILTER** papers, shown in the photograph, can be placed in dripolators and percolators to give a zestful,



non-rancid brew. Less coffee is required per cup because the filter paper keeps the hot water in contact with the grounds longer. The paper also is said to absorb rancid oils during the brewing.

Science News Letter, March 6, 1954

⚙️ **SLIDING CLOSET** doors are made of steel which has been designed to resemble the natural grain finish of birch. The finish is protected by a coat of clear lacquer. Easily installed, the doors use four nylon plastic rollers and four guide rollers designed to give noise-free performance and to prevent sway and derailing.

Science News Letter, March 6, 1954

⚙️ **ANTI-JAMMING ZIPPER** has a push-button control which frees any fabric caught in the teeth or the slider during operation. The all-metal zipper has been made in sizes small enough for women's dresses.

Science News Letter, March 6, 1954

⚙️ **PORTABLE RECORDER** fits into a briefcase, weighs only nine pounds and can record up to four hours of speech without interruption on one belt-like record. Businessmen can dictate letters to the battery-powered device while flying or driving, and the records can be mailed, indexed and filed.

Science News Letter, March 6, 1954

⚙️ **CRUISING SCALE**, useful in measuring tree diameters, volumes, heights and growth rings, is a spring steel tape wound in a small metal case. The six-foot-long tape also can be used in log scaling, in getting pulpwood estimates, and in scientific forestry studies.

Science News Letter, March 6, 1954

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## Do You Know?

One out of every 16 persons in the United States suffered a disabling injury in 1953.

Meal made from menhaden, one of the least known but most important species of commercial fish, is used for poultry and swine feeding.

Each person in the United States uses, directly or indirectly, more than 2,000 kilowatt hours of electricity a year, compared with two kilowatt hours per person in Pakistan.

A blood serum concentrate has been developed for the treatment and prevention of rare but serious complications of small-pox vaccination.

The drug, benadryl hydrochloride, controls nausea after operations.

The number of people of age 65 and over has increased by nearly 50% since 1940, making the total about 13,500,000 now.