

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

⚙️ **DUST HOOD** for industry is made of a lightweight cloth and comes complete with a large "picture window" that does not restrict the workman's vision. Weighing only five ounces, the hood is designed for wear where irritating dusts are a nuisance. It can be worn with a respirator.

Science News Letter, December 19, 1953

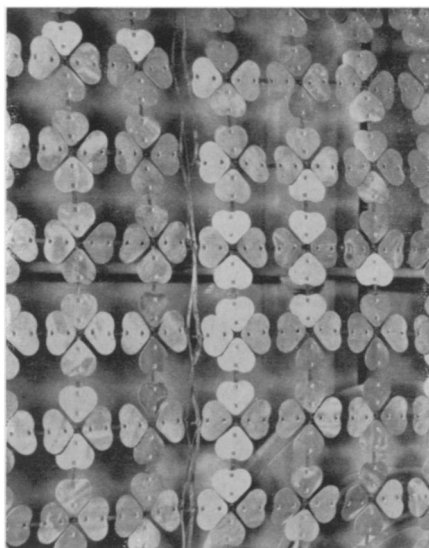
⚙️ **PEN-SIZED OILER** somewhat resembles a hypodermic syringe in that it has a visible oil supply and a long needle-like beak. It deposits its fine, light oil in out-of-the-way oil holes of movie cameras, electric shavers, fishing reels, sewing machines and fans.

Science News Letter, December 19, 1953

⚙️ **SWEDISH TYPEWRITER** has a magnesium carriage attached to its otherwise steel frame. The carriage thus is made lighter and easier to throw back. Extra keys have been added for symbols of the customer's choice not usually found on typewriter keyboards.

Science News Letter, December 19, 1953

⚙️ **ACOUSTICAL "FISH NET"** is made of heart-shaped scraps of aluminum strung on sturdy strings, as shown in the photo-



graph. Draped from the ceiling of theaters, concert halls, museums and libraries, the netting is designed to eliminate unwanted echoes by breaking them into small sound waves that are scattered in all directions.

Science News Letter, December 19, 1953

⚙️ **READING PACER** is an electric machine designed to help you improve your reading speed. A narrow strip of light descends over a page of almost any book, magazine or other reading material. It can be made to descend at different speeds. The device plugs into ordinary household electrical outlets and can be used on small tables.

Science News Letter, December 19, 1953

⚙️ **MIDGET FLASHBULB** has a base about the size of a Christmas tree light and is rated at 4,000 lumen-seconds. Billed as the "world's smallest," the inexpensive flashbulb provides enough light for box-type cameras to snap good black-and-white pictures on fast film at distances of 15 feet from the subject.

Science News Letter, December 19, 1953

⚙️ **SPRING WINDOW WEIGHTS**, installed in grooved sashes quickly and easily with a hammer, have been designed to replace conventional weights. Housed in rugged butyrate plastic tubes, the devices are designed to give equalized sash-balance throughout the run of the window.

Science News Letter, December 19, 1953

⚙️ **NEW HIGH-FIDELITY turntables** being manufactured by one company come equipped with a built-in stroboscopic speed-measuring device. The stroboscopic unit permits the user to set the record playing speed exactly at 78, 45, 33 1/3 or 16 2/3 revolutions per minute, thus obtaining exact reproduction of musical pitch, tempo and timbre of the selection as it was recorded.

Science News Letter, December 19, 1953

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Do You Know?

An auger-type coal mining machine has been developed that extracts coal for a distance of more than 200 yards into a mountain-side without requiring the presence of a single workman underground.

Few centipedes have as many as 100 legs; the common house type has only 15 pairs, the garden variety has 21 pairs, but some species have as many as 200 legs.

Although the squirrel monkey possesses a brain that is proportionately larger than man's, the animal is not particularly intelligent.

Diving on its prey, a duck hawk often travels 180 miles an hour.

About 5.5 pounds of rice per person per year are consumed in the United States.