

• New Machines and Gadgets •

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⚙️ **BINOCULARS** for watching various sports are worn like spectacles on the bridge of the nose, leaving both hands entirely free. Made largely of aluminum, they are light in weight, weighing only three ounces, although they are three-power focusing.

Science News Letter, April 7, 1951

⚙️ **ETHERIZER**, for use in the hospital operating room, assures a proper mixture of the anesthetic with air and delivers the vapor to the patient at a proper temperature. Its vaporizing unit is a cylindrical chamber containing activated carbon on which ether drips from a receptacle above.

Science News Letter, April 7, 1951

⚙️ **LIGHTWEIGHT** outboard motor for pleasure boats, which develops 25 horsepower but weighs only 85 pounds, is made largely of die cast aluminum. Easily handled because of its light weight, it is said to have the lowest power-weight ratio in the outboard field.

Science News Letter, April 7, 1951

⚙️ **PHOTOGRAPHIC** equipment for employee identification is a complete unit including camera, lights, numbering device and an adjustable background, all on a sturdy stand. Camera and background are adjusted to the proper height of the person whose picture is being taken by one simple wheel operation.

Science News Letter, April 7, 1951

Do You Know?

The Venezuelan Guanoco Asphalt Lake is considered the largest natural asphalt deposit in the world.

Beavers are good swimmers but only their hind feet are webbed.

India is setting up a plant to produce penicillin for local use.

Crease-resistant finishes are now applied to many fabrics, including cottons, linens and rayons.

A lioness at the Philadelphia zoo, that died recently at the ripe old age of 19 years, was the mother of 27 cubs in her lifetime.

The beaver made up the main bulk of all trapping and fur trading done in early days in America.



⚙️ **VINYLLITE** plastic head and hat cover, for use in a rain, fits completely over the head and ties with straps under the chin, as shown in the picture. When removed and the two ends pulled, it folds into a narrow strip, which then can be further

folded to fit an envelope of the same material, making a cigarette-size package.

Science News Letter, April 7, 1951

⚙️ **VENT TUBE** and breathing blister, which can be attached inside any style of boot, provides ventilation to the foot and keeps it dry. The tube, as high as the boot-top, sucks in air when the boot is lifted from the ground, and pushes it out when the boot touches the ground again.

Science News Letter, April 7, 1951

⚙️ **MOVABLE** base for a ladder, recently patented, permits the user to shift the ladder along a building without descending from its top. It is a small four-wheel truck, pulled forward by an attached rope which passes through a pulley on a stake and up to the user.

Science News Letter, April 7, 1951

⚙️ **WRITING** case, for soldiers, travelers and students, comes in various colors and is made of a long-wearing, easily-cleaned plastic with welded seams. It comes complete with a writing tablet, address book, envelopes, pencil, identification card, and a pocket for a photograph.

Science News Letter, April 7, 1951

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