

• New Machines and Gadgets •

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⚙️ **TINY NEON GLOW LAMP**, said to be the world's longest-burning electric light, will produce a small amount of light for about three years, and consumes only one twenty-fifth of a watt of electric current. It is designed for electrical household and other appliances to indicate that current is on or off.

Science News Letter, April 30, 1949

⚙️ **LIQUID STAINLESS steel** is made of microscopic flakes of the metal incorporated in a liquid plastic with a solvent to thin it so that it can be applied by brush or spray. It can be used on wood or metal surfaces exposed to fresh or salt water, and to air containing acids and alkalis.

Science News Letter, April 30, 1949

⚙️ **WATERING CAN** for home use, made of colored plastics and shaped like a broad flat-bottom teapot, has a long tapering spout which permits water to get into out-of-the-way places without spilling a drop on the floor or furniture. A teapot-type handle makes it easy to hold.

Science News Letter, April 30, 1949

⚙️ **ELECTRIC RAZOR**, for a wet shave with the use of shaving soap, uses regular blades driven in a side-to-side reciprocating motion. The razor, shown in the picture, is



operated by an electromotive drive, has a power consumption of two watts, is noiseless and creates no radio interference.

Science News Letter, April 30, 1949

⚙️ **SPORTSMAN JACKET** for those engaged in water sports, including fishing and sailboat racing, resembles an ordinary weather breaker but has within it air-holding pockets made of a rubber-like plastic

that can be inflated by mouth. This inflated life preserver extends around the neck and over the chest.

Science News Letter, April 30, 1949

⚙️ **FISH GRIPPER** and hooded scaler permit a fisherman to clean and scale his catch indoors without making a mess. The gripper is an aluminum tool which is inserted in the mouth of a fish and spread by thumb pressure, while the scaler is a separate tool which catches the scales as it is rubbed over the body.

Science News Letter, April 30, 1949

⚙️ **ROOF RAFTER** lengths and cuts are calculated quickly and accurately with a pocket-size flat plastic tool containing two dials which, when properly rotated and set, give the desired information. The instrument makes it possible to design a roof with any pitch from 14 to 57 degrees.

Science News Letter, April 30, 1949

⚙️ **MINIATURE MICROPHONE**, unprecedentedly small in size and weighing less than a quarter of an ounce, is mounted on a tapering shaft but is adaptable to all types of stand mountings or overhead suspension. It permits a speaker or artist to be seen as well as heard.

Science News Letter, April 30, 1949

Do You Know?

There are 10,000 geysers, hot springs and steam vents in *Yellowstone National Park*.

Distribution by *helicopter* has been found the best economical method of seeding burned-over rough forestry areas.

One pound of *uranium* in the atom-splitting process would release about the same energy as the combustion of 1,300 tons of coal.

Old men and women, as well as babies, may need a *feeding formula*; one authority states that oldsters seem to have a *tendency* to eat a diet excessively low in proteins.

Charges for *sewer service* in some American cities are based on the metered water used by the building, on a fixed percentage of the water bill, by fixed uniform rates, or on the number of plumbing fixtures.

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