

• New Machines and Gadgets •

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⚙️ **EGG HOLDER and breaker**, recently patented, is grasped like pliers and has an enclosure on the other end to hold the egg. A trigger releases a spring-pressed knife blade to split the shell along a definite line so that the contents can be discharged while retaining the shell in the tool.

Science News Letter, June 10, 1950

⚙️ **MUDDINESS METER**, technically a "recording turbidimeter," measures the clearness of liquids from household water to muddy rivers. It records the quantity of particles in the water flowing through it by determining how much of a light beam passing through the liquid is scattered by them.

Science News Letter, June 10, 1950

⚙️ **VINYLLITE WADERS** for fishermen are waist-high like trousers and have seamless feet molded of double-weight plastic for protection against rocks. They are worn over tennis shoes or felt-soled wading shoes, and have only a fraction of the bulk and weight of ordinary wading boots.

Science News Letter, June 10, 1950

⚙️ **TWIST-TUBE CONTAINER**, for cosmetics and other creams, is a polyethylene bag within a plastic cylinder which has a metal top and bottom, as shown in the



picture. The bag is fastened to both top and bottom, but the metal bottom can be rotated to twist the bag, forcing the cream out of the top.

Science News Letter, June 10, 1950

⚙️ **TOP-FLOORING**, for use in almost any type of building, is applied like plaster with a trowel over rough or smooth bases. It is a new material containing hardwood fibers, chemically treated and bonded with a plastic

material. It hardens by chemical action, not by evaporation.

Science News Letter, June 10, 1950

⚙️ **TELEVISION RECEIVER** features an entire chassis organized into eight plug-in units, each performing its separate and distinctive junction, yet synchronized in the operation of the whole. For repair or replacement, each unit can be removed without interfering with the rest of the set.

Science News Letter, June 10, 1950

⚙️ **ANTI-SPILL TUMBLER** for the youngster is made of near-unbreakable plastic and has a wide, tight-fitting base of the same material into which it fits. If accidentally pushed or bumped, the combination will usually slide along the table instead of tipping over.

Science News Letter, June 10, 1950

⚙️ **PHOTO-ELECTRIC** home plate on the baseball diamond registers strikes on a nearby instrument but makes no record of a "ball." It is a metal box with lenses, mirrors and three electric eyes, so placed that only a ball passing over the plate and between shoulder and knee affects the light striking them.

Science News Letter, June 10, 1950

Do You Know?

Trichina in hogs seldom can be detected at the time of slaughter.

France has a new source of *iron ore* in the recent finding of a rich vein in the region of Salzerais.

The use of "truth" drugs as an aid to psychoanalysis and hypnosis has expanded rapidly in the last decade.

Big-boned, *muscular-type* persons have a better chance of getting over serious mental disease, if they develop it, than those with low muscular development.

Tuberculosis is today the most important germ-caused disease of the human race; other germ-borne diseases, such as typhoid fever and diphtheria, can be controlled or are controlled.

Farmers and fishermen of *northern Norway* sleep relatively little during June and July when the sun never sets; they sleep a lot, however, during the winter months of darkness.

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