

• New Machines and Gadgets •

⚙️ **BACK WASHER**, for use in a bathtub, is an endless scrubbing-towel passing over a lower immersed roller and an upper motor-driven roller. A framework straddles the tub to hold the device in position. An electric motor rotates the upper roller, dragging the wet towel upward against the bather's back.

Science News Letter, September 15, 1945

⚙️ **TWEEZERS** for plucking eyebrows or pulling out splinters have a small flashlight for a handle. The gripping jaws are fashioned from a resilient plastic of the type capable of piping light to the points of the jaws, giving illumination where most needed.

Science News Letter, September 15, 1945

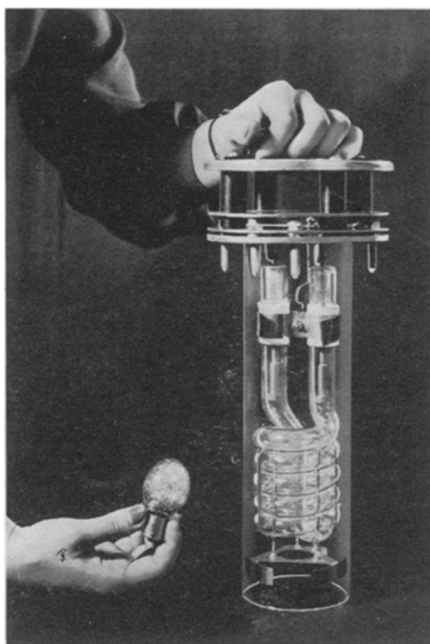
⚙️ **PACKING BOXES**, developed by the Army particularly for Pacific area shipments, are made of single-ply panels, consisting of 1/16 inch hardwood, faced on both sides with Kraft board. The facing, bonded to the wood with a water-resistant glue, is uninjured by water.

Science News Letter, September 15, 1945

⚙️ **FROZEN** food container, about the same size and shape as the familiar chocolate can, is made of paraffin-impregnated fiber board with ends of light tinfoil. After one corner of an end is pried up with a knife or hook opener, it can easily be peeled off.

Science News Letter, September 15, 1945

⚙️ **REPEATING** flask tube shoots, with machine-gun-like rapidity, brilliant "bolts



of lightning" from warplanes fitted with special electronic equipment. The tube, shown in picture beside a photo-flash bulb, permits taking countless night aerial photographs of any territory from altitudes up to two miles.

Science News Letter, September 15, 1945

⚙️ **CATHODIC** protection rectifiers reduce the corrosion of underground metal structures, caused by electric currents set up by chemical action between the metals and substances in the soil, by setting up a counter-current. The apparatus has no

moving parts, and therefore needs little attention.

Science News Letter, September 15, 1945

⚙️ **MILLINERY** for 1946 may be made of a new synthetic straw fabric knitted with lustrous rayon yarns alternating with dull ones to give it a crystal-like sparkle. The fabric is treated with a water-repellent which also makes finger-marks and dust easily removable.

Science News Letter, September 15, 1945

⚙️ **PERISCOPE** gun sight, used in some fighter planes, has two viewing ends, one above the plane, the other below. A flip-over mirror transfers the gunner's line of sight from one to the other. When the periscope tube is rotated to scan the sky, the gun turrets move with it.

Science News Letter, September 15, 1945

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