

• New Machines and Gadgets •

⚙️ **UNDER-PILLOW speaker**, a flat miniature device to enable individual hospital patients to hear radio programs without disturbing others, contains a crystal drive-element and a plastic diaphragm. The case, hermetically sealed, may be dipped without injury in disinfecting solutions.

Science News Letter, August 18, 1945

⚙️ **POWDER PUFFS** of synthetic rubber, in pastel shades, will soon replace natural rubber puffs. The foamed latex resists deterioration from natural skin oils and from greases in cleansing creams. One kind will have materials of different porosity on the two faces and a powder magazine in the center of each puff.

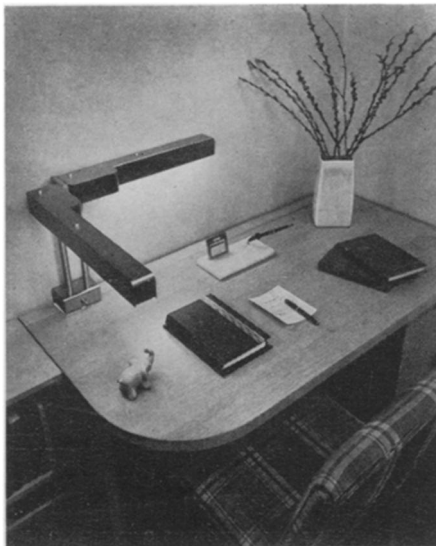
Science News Letter, August 18, 1945

⚙️ **SPARE WHEEL** and tire carrier for heavy trucks is attached under the center of the vehicle on a pivoted arm and platform so that it can be swung outward to the side of the truck. A pivoted holder at the outer end of the carrier permits the driver to roll the tire up to or away from its carrying position.

Science News Letter, August 18, 1945

⚙️ **NUTCRACKER**, which resembles the ordinary tool composed of two handles hinged at one end, has three separated cavities between the jaws for different-sized nuts. The largest cavity, designed for English walnuts, has a special recess for their projecting ridges.

Science News Letter, August 18, 1945



⚙️ **DESK LIGHTING** unit for lamps of the fluorescent tube type has two arms swiveled to turn 90 degrees, shown in the picture, so that the unit may be used on either side of the desk with the lamps in any position. If desired, the two arms can be turned to extend lengthwise against the wall.

Science News Letter, August 18, 1945

⚙️ **WALLPAPER-REMOVING** device is composed of a steam pan, supported on a stand on casters, with a perforated outer face that may be placed against the wall. Steam is delivered to the pan through a flexible hose, and the pan is

raised or lowered by a handle on the telescoping upright of the stand.

Science News Letter, August 18, 1945

⚙️ **ARTIFICIAL TEETH**, which under pure ultraviolet light appear as gaps between the natural vital teeth, will glow like natural teeth if a bit of a tasteless metallic salt of quinine is mixed in the porcelain or acrylic resins of which the tooth is made. The salt adds fluorescence to the material.

Science News Letter, August 18, 1945

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