

# • New Machines and Gadgets •

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⚙️ **SANDPAPER**, recently patented, has attached backing strips with projecting ends that can be turned upright to form a handle. The backing strips are separated from each other, and between them are lines of perforation in the sandpaper itself that permit easy tearing.

Science News Letter, March 1, 1947

⚙️ **PLUG-IN** connector for portable gas appliances is usable in homes as well as in laboratories and shops. When the plug-in fixture on the flexible tubing is pushed into an outlet plug on the gas line, a metal-to-metal gas-way seal is formed.

Science News Letter, March 1, 1947

⚙️ **FISHING ROD** made of beryllium-copper tubing is strong, springy, corrosion-proof, and can be used in either fresh or salt water. Of the telescopic type, it is 17 inches long when closed and 57 inches in length when extended.

Science News Letter, March 1, 1947

⚙️ **HOUSEHOLD** ironers of the rotary type when not in use fold up to from one-third to one-half the space needed when in operation. They have folding end shelves to store ironed clothing, and a folding lapboard to prevent damp clothes coming into contact with the floor.

Science News Letter, March 1, 1947

⚙️ **SILICON** crystal converter, for use as first detector in high-frequency superheterodyne receivers, is pre-set in small cartridges as shown in the picture. Unlike



vacuum tubes, it requires no filament or heater supply and takes only a fraction of the space.

Science News Letter, March 1, 1947

⚙️ **MAGNETIC HOLDER** for tooth brushes and other toilet articles is an elongated casing fastened to the wall. The holders inside are small, permanent horseshoe magnets with poles pointing outward. Articles of magnetic material placed over the magnetic poles stick to the plastic covering.

Science News Letter, March 1, 1947

⚙️ **LIBRARY CHESTS** for eight- and 16-millimeter film have a push-button control by which any particular roll of film is moved forward for easy removal. The door of the all-metal welded chest opens downward. Self-aligning stacking inside prevents rolls from falling out of position.

Science News Letter, March 1, 1947

⚙️ **LUMINOUS TUBING**, made of a flexible, tough, semi-transparent plastic that is also moisture- and acid-resistant, is coated on the inside with a radioactive material which makes it clearly visible in complete darkness for a considerable distance.

Science News Letter, March 1, 1947

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