

# •New Machines And Gadgets•

⚙️ **ALL-METAL** thermometer with a dial face has extra pointers that record maximum and minimum temperatures during any period, and remain in position until manually reset. The pointer that changes with the temperature pushes these others along with it as it moves in either direction.

Science News Letter, November 16, 1946

⚙️ **INNER GRATE** for a tobacco pipe is a perforated aluminum disk that fits in the bowl, leaving a small space between it and the bottom. With it the draft is distributed to the whole body of tobacco, creating a smooth and soothing smoke, it is claimed.

Science News Letter, November 16, 1946

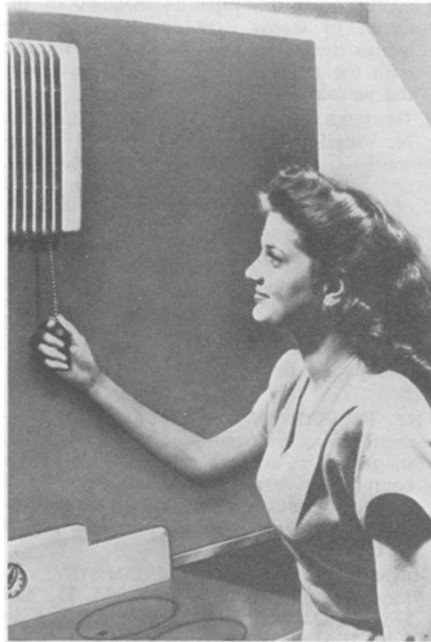
⚙️ **READING LAMP**, attachable with spring clamps to a bedstead, gives bright or dim light as wanted. The electric bulb is within a double casing, one section of which rotates within the other when a string is pulled, thus enlarging or narrowing the slit through which the light escapes.

Science News Letter, November 16, 1946

⚙️ **SHOWER HEAD** for shower baths has a simple arrangement for dislodging any particles, rust or sediment that may become lodged within it. The bullet-shaped head has a button on its face which, when pushed, permits the water to drive out all foreign matter.

Science News Letter, November 16, 1946

⚙️ **WALL VENTILATOR**, of the built-in type, has gleaming white grille of plastic instead of the usual metal. It offers a



minimum resistance to air flow and is easily cleaned. The picture shows how it harmonizes with other installations. Its three-bladed propeller type fan is behind the grille.

Science News Letter, November 16, 1946

⚙️ **CARGO** landing container, bomb-shaped, remains upright during descent from a plane. Its upper cover is a removable cap that automatically lifts off en route and acts as a parachute. The container proper can slide like a piston within an air compartment in the lower

end; the air thus compressed lessens the impact shock on landing.

Science News Letter, November 16, 1946

⚙️ **VIOLINS**, clarinets and other musical instruments are made of transparent plastics that were used extensively for bomber noses and gun turrets during the war. It is an acrylic plastic, easily molded and light in weight. The instruments have good tone, and are unaffected by weather changes.

Science News Letter, November 16, 1946

⚙️ **AIR-FOAM** nozzle for fire-fighting mechanically creates the foam by scientifically mixing water, air and a special foam-forming liquid within it and discharging the mixture through the nozzle tip. The air-foam is particularly effective in extinguishing fires in flammable oils, paints and varnishes.

Science News Letter, November 16, 1946

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