

• New Machines and Gadgets •

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⚙️ **GLASS LENS**, for use with ordinary household incandescent lamps, is quickly attached and held in position to direct the light where wanted by clips similar to familiar lampshade holders. It produces a bright area of considerable size approximately with twice the illumination obtained without it.

Science News Letter, December 11, 1948

⚙️ **WATER-INJECTOR**, to add moisture to gasoline entering automobile engines, utilizes the dual fuel principle employed on some airplanes. This easily installed unit is controlled through connection with the accelerator; as the gasoline feed is increased, the supply of water injected into the carburetor automatically increases.

Science News Letter, December 11, 1948

⚙️ **STALL-WARNING** device for airplanes utilizes a simple mechanical method of sounding a horn and turning on a light on the instrument board to let a pilot know his plane is approaching a stall. A stall is a condition encountered when a plane climbs too steeply and the air flowing over the wing fails to provide lift.

Science News Letter, December 11, 1948



⚙️ **TINY POWER UNIT** for toys, shown in the picture, is operated by two standard flashlight batteries which are inserted at will in the plastic base-box of the engine, and delivers power by moving belt

hooked over the hub cap of one of its flywheels.

Science News Letter, December 11, 1948

⚙️ **ANTENNA KITS**, for use with FM radio television receivers, contain a base mount to attach to the house and a number of attachment parts which can be selected to meet a particular situation. These new kits for installation men feature a degree of flexibility to meet all local television requirements.

Science News Letter, December 11, 1948

⚙️ **ROOFING PLANK**, molded from mineralized wood chips combined with portland cement, combines in a single unit roof-decking, insulation and sound absorption. It is resistant to fire, termites, fungi and moisture.

Science News Letter, December 11, 1948

⚙️ **FENDER TOOL**, to remove dents and creases in automobile fenders, is a nine-pound hand tool of horseshoe shape, with one arm extended inward to carry a revolving wheel and the other a lever and contact plate. Plate and wheel are screwed together to flatten the dent.

Science News Letter, December 11, 1948

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