

• New Machines and Gadgets •

⚙️ **MAGNETIC** stirring apparatus uses a rotating magnetic force within a housing upon which a laboratory flask may be placed, and a steel magnet enclosed in glass which is placed within the flask containing the liquid to be stirred. In use the magnet in the flask revolves, following the magnetic field.

Science News Letter, January 12, 1946

⚙️ **IMPROVED** metal sheathing for roofing and sidewalls, known as Plasti-pitch, consists of steel sheets coated with a chemical compound that adheres to the metal under all weather conditions and protects it from rusting and chemical fumes. The elastic coating is not injured by bending.

Science News Letter, January 12, 1946

⚙️ **GRIPPING DEVICE**, just patented, will hold one or more paint brushes, when not in use, suspended with their bristles in a suitable fluid to keep them soft. It consists of two spring strips of wood at each end. The brush handle is inserted between the strips.

Science News Letter, January 12, 1946

⚙️ **ELECTRONIC** fuel gauge for airplanes uses the basic principle of a change in the electrical capacity of a condenser when the dielectric changes from liquid to air. It includes a tank unit, which is a simple condenser; a power unit, which contains electric and electronic parts; and a cockpit indicator.

Science News Letter, January 12, 1946



⚙️ **GLASSES**, to protect eyes in bright daylight for later night vision, look like ordinary sun glasses, as shown in the picture. They prevent temporary night blindness due to excessive exposure to bright sunlight. They transmit only 15% of the visible light and absorb glare and ultraviolet and infrad-red rays.

Science News Letter, January 12, 1946

⚙️ **ROLL FILM** developing tank takes popular sizes of film and eliminates long

hours in a dark room. It can be loaded in any dark closet and then taken to a lighted room for developing. The tank is made of an acid-resisting plastic.

Science News Letter, January 12, 1946

⚙️ **ELECTRIC** heater for homes has a rectangular base, and an arched top covered with a grill that extends well down the elongated sides. Cold air enters at the bottom and flows upward over hollow ceramic posts supporting nichrome heater-wires. The heated air passes out through the grill.

Science News Letter, January 12, 1946

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 293.

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