

• New Machines and Gadgets •

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⚙️ **TAIL SIGN** for trucks and buses enables the driver to let cars behind know when the road ahead is clear so that they can pass. The truck driver merely presses a button; the tail sign lights up to display the words "OKAY—PASS."

Science News Letter, March 13, 1948

⚙️ **FOAMGLAS** insulation, for both hot and cold pipes, indoors or outdoors, comes in half sections of various sizes to fit any pipe. The non-combustible material, of true glass composition, is an excellent insulator, is unaffected by humidity and resists chemical fumes.

Science News Letter, March 13, 1948

⚙️ **PORTABLE POWERED** helper machine for on-the-spot repair work, 32 inches high and mounted on three caster legs, has interchangeable tools for grinding, buffing, drilling, sawing, sanding and other operations on metals or wood. It operates on ordinary household electric current.

Science News Letter, March 13, 1948

⚙️ **LOW-COST BINOCULARS**, for use in theaters, hunting or in nature study, are made of six pieces of phenolic plastic, together with the necessary lenses. The lightweight instrument, which fits the ordinary shirt pocket, has a wide field of vision.

Science News Letter, March 13, 1948

⚙️ **SPRAYER**, to apply fertilizer, weed-



killing chemicals or insecticides to lawns, is attached to the lawnmower as shown in the picture and uses a tank of compressed carbon dioxide gas instead of the pump usually used in spray units. The combination sprays as it mows.

Science News Letter, March 13, 1948

⚙️ **HEATING CABLE**, which operates on ordinary household electric current, can be stretched along the eaves of a house to prevent the formation of overhanging ice, or can be used to clear icy doorsteps or to warm garden soil. It is a lead-covered flexible cable, one-quarter of an inch thick.

Science News Letter, March 13, 1948

⚙️ **REAR-SEAT RADIO** speaker, which may also be installed in a trailer, permits all passengers in an automobile to hear without the radio receiver volume necessary with the instrument in its usual place in the front panel. The rear-seat speaker is installed in the space behind the seat.

Science News Letter, March 13, 1948

⚙️ **FLASHLIGHT** for policemen directing traffic shows either green or red by pushing a button that revolves a rotating sleeve. The color changes in this recently patented device is due to colored disks within a tube which is fixed in front of the light-end of an ordinary flashlight tube.

Science News Letter, March 13, 1948

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