

• New Machines and Gadgets •

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER 1719 N St., Washington 6, D. C. and ask for Gadget Bulletin #10. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

❁ **WINDOW WASHER**, and automobile cleaner, is a long, light aluminum tube attachable to an ordinary garden hose and a variety of brushes to attach to the other end. Water and brush combine to do the cleaning in this improved type of extension cleaner, and the user gets no wetting.

Science News Letter, April 17, 1948

❁ **ALL-METAL SLIDE RULE** is claimed to be superior to the conventional rules made of wood because it does not swell with moisture and does not warp. It is precision-made and is unaffected by constant cleaning.

Science News Letter, April 17, 1948

❁ **VERY HIGH FREQUENCY (VHF) output**, a type of radio wave coming widely into use in static-free radio, facsimile and television, is accurately measured by a VHF milli-wattmeter which operates on the ordinary house electrical current. One method of measurement with it uses a thermistor bridge arrangement; another a PM filament brilliance comparison.

Science News Letter, April 17, 1948

❁ **GAS TEMPERATURE INDICATOR**, for use with gas turbines, ramjets and rockets, measures temperatures to 5,000 degrees Fahrenheit. It has a probe to insert into the gas stream and a gas thermometer which utilizes the density of the gas being measured as a direct indication of temperature.

Science News Letter, April 17, 1948

❁ **THREE-PIECE MATTRESS**, held together with zippers, is easily separated



for handling and for interchanging the sections to assure even wear. The zippers, shown in the picture, permit either head or foot section to be turned upward for airing or under-mattress cleaning.

Science News Letter, April 17, 1948

❁ **PNEUMATIC HAMMER**, an improved type for use with various replaceable small tools, delivers 5,000 strokes per minute on 100 pounds of air pressure, and operates with minimum vibration. This eight-inch hammer is for all kinds of chisel work, metal cutting, drilling and scores of other jobs.

Science News Letter, April 17, 1948

❁ **SHAVING STAND** for the bathroom consists of an upright on a base with a crossarm at the top, one end of

which is shaped to hold a shaving brush, suspended by the handle, and the other to hold a safety razor. The base has a slot for used razor blades and a removable bottom for easy emptying.

Science News Letter, April 17, 1948

❁ **DETECTOR** for the invisible ultraviolet rays from a germicidal lamp is a tiny tube which may be held in the radiation where it glows from the ultraviolet. The glass in the tube passes the short-wave radiation, and a phosphor coating inside turns it into a visible green light.

Science News Letter, April 17, 1948

Soiless Gardening Hobby Kit For You



Contains everything needed to start growing vegetables and flowers. Pots are easily assembled, chemicals to feed growing plants, shiny mica material for roots to cling to, seven kinds of specially selected seeds. Grow seedless fruit, sprout roots on stems, experiment with colorful plastic tents for light-growth tests.

Question Box

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Photographs: Cover, Harvard University; p. 243, U. S. Air Force; p. 245, Textile Research Journal; p. 247, U. S. Fisheries Laboratory; p. 251, Bureau of Entomology and Plant Quarantine, U. S. Dept. of Agric.

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O.K. _____
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