

# • New Machines and Gadgets •

⚙️ **LANGUAGE master**, a record player machine used in teaching languages, has a device that permits accurately spotting and repeating intricate phrases and sentences again and again until mastered. It can be used with crystal headphones without amplifier when desired.

Science News Letter, November 17, 1945

⚙️ **PRESSUREGRAPH** is an electronic instrument that indicates, on a cathode-ray oscillograph, pressure-time curves of an internal combustion engine, pump, airline, or of any other enclosed pressure system. It is simple in operation, only one control being required.

Science News Letter, November 17, 1945

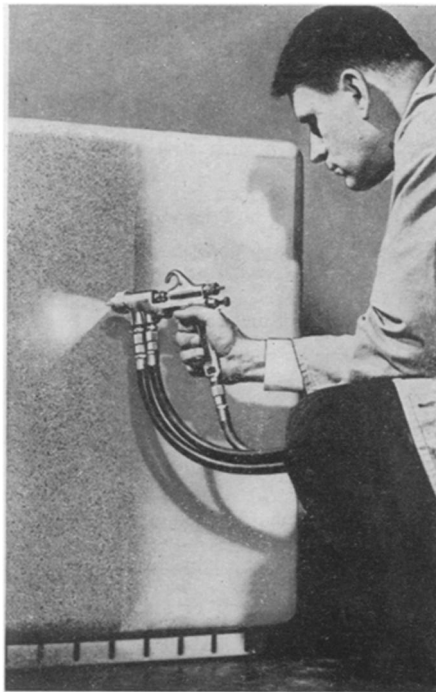
⚙️ **AUTOMATIC dishwasher**, for the home, sprays the dishes, glasses and silverware placed in it, washes them, rinses them twice, cleans and drains itself and then shuts itself off. Electrically operated, it does the complete job in about 12 minutes.

Science News Letter, November 17, 1945

⚙️ **VACUUM cleaner**, a lightweight household model, has an elongated plastic receptacle for the dirt instead of the ordinary dust bag. Although the handle of the cleaner passes through the center of the plastic dust holder, the holder is easily removed for emptying.

Science News Letter, November 17, 1945

⚙️ **TWO-COLOR spray gun** gives, in one operation, two-coat spatter finishes



simulating iridescent metal. Two colors are sprayed at the same time through a single nozzle. As shown in the picture, it resembles the ordinary spray gun but has two fluid inlets near its head.

Science News Letter, November 17, 1945

⚙️ **INTERPHONE system** for tanks on the battlefield permitted communication between tank commanders. The men plugged cables from telephone headpieces

into interior switchboxes connected with exterior boxes on which were signal lights and terminal binding posts for field connections.

Science News Letter, November 17, 1945

⚙️ **STAINLESS steel films** of microscopic thickness on the lenses of sun glasses enable flyers to look directly at the sun by turning their eyes upward. Through the center the glasses are comparable with ordinary sun glasses, transmitting enough light for normal, day-time vision. The thickness of the film increases toward the rim.

Science News Letter, November 17, 1945

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 285.

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## Question Box

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What discovery may help solve the riddle of how multiple stars and dark planets are created? p. 308.

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### BIOLOGY-GENETICS

What has made it possible for genes to actually be seen at work for the first time? p. 313.

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What treatment has so far proved successful for allergy patients? p. 309.

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How do ice storms increase the food supply of deer? p. 318.

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How true is the old saying, "Blind as a bat"? p. 313.

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