

• New Machines and Gadgets •

For addresses where you can get 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 614. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **AM RADIOS**, designed to share electrical circuits with television sets, now are being built into nine models of table and console television sets by one manufacturer at no additional cost. This allows the owner to get more enjoyment from one piece of electronic equipment. The built-in radio is five times stronger.

Science News Letter, March 22, 1952

⚙️ **DISPLAY SIGN** for stores, made of Vinylite plastic panels, moves on an electrically driven endless belt conveyor in front of lights at three to seven feet per minute. It is 14 to 36 inches high and from five to 50 feet long. Color advertisements can be printed on its panels.

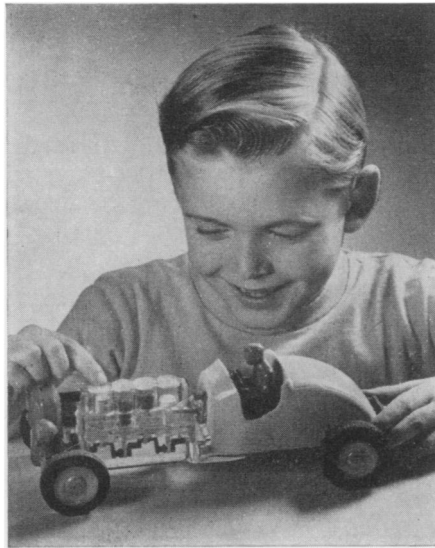
Science News Letter, March 22, 1952

⚙️ **SWEATBAND**, which keeps spectacles and goggles clear, is feather-light. Made of cotton-backed gauze expanded to about eight times its normal thickness, the band may be washed and used repeatedly. Good for "hot-spot" workers.

Science News Letter, March 22, 1952

⚙️ **MERCURY LAMPS** with built-in reflectors have been designed to eliminate cleaning and other maintenance costs in industrial plants where dust films collect. Available in a 400-watt size, the lamps can be obtained with phosphors added to improve the light quality.

Science News Letter, March 22, 1952



⚙️ **PLASTIC TOY** car has its inner workings clearly visible through the transparent motor block, as is shown in the photograph. Moving pistons, connecting rods, crankshaft and gears thus may be studied

by inquisitive minds. The yellow-colored body can be removed to reveal a streamlined rear chassis. Especially built to withstand Junior.

Science News Letter, March 22, 1952

⚙️ **"FLYING TYPEWRITER,"** a printer which can reproduce "Gone With The Wind" from magnetic tape in two hours, has been designed to print a line at a time, 80 characters to the line and to handle 300 lines a minute. It prints from coded tape or from code signals sent over wires.

Science News Letter, March 22, 1952

⚙️ **FAULT-FINDING INSTRUMENT** for electric companies enables trouble-shooters to determine exact location of fallen or tangled lines. The portable instrument has a built-in ohmmeter and is unaffected by stray ground currents.

Science News Letter, March 22, 1952

⚙️ **DRAIN CLEANER** uses a flexible rod to clear home, office or factory plumbing system of obstructions. The rod and enclosing cable are stored in a drum which also keeps the operator and floor free from dirt while the machine is in use.

Science News Letter, March 22, 1952

Do You Know?

More than 200 virus diseases of crops have been described as new during the past 40 years.

In ancient times honey was used for medicinal purposes.

Brazil's *eucalyptus* plantations, developed from trees brought in from Australia early in the century, are beginning to pay off as a source of cellulose for rayon.

Cost of waste and destruction caused by corrosion from sea water and sea air, as well as by marine organisms, runs into the billion-dollar category.

Primitive man was fortunate to have animal fat available to lubricate his crude wooden wheels.

Plastic piping installed in new minesweepers saves about two tons of copper per ship.

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