

# • New Machines and Gadgets •

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⚙️ **LAWN SPRINKLER** of the rotary type has vinyl plastic flower-pot assembly which fits on the end of a garden hose. A spike stuck into the ground holds the bright-colored device in place. Water squirting from a whirling artificial flower in the pot will sprinkle an area adjustable up to 40 feet in diameter.

Science News Letter, April 19, 1952

⚙️ **CHILD'S UMBRELLA** is made of a colorful plaid fabric with a transparent plastic handle. Rudolph the red-nosed reindeer moves in the hollow, liquid-filled handle. When the umbrella is held upright, Rudolph comes into view; when the umbrella is pointed downward, he disappears into the handle.

Science News Letter, April 19, 1952

⚙️ **SPRAY GUN**, operating on the perfume-atomizer principle, is attachable to a garden hose. It mixes a liquid or wettable-powdered insecticide into the water stream and squirts the solution through a long nozzle which can be manipulated easily to reach those hard-to-spray places.

Science News Letter, April 19, 1952

⚙️ **TELESCOPIC RIFLE** sight which will not fog internally under bad weather conditions has been developed. Based on principles worked out for military optical instruments, the telescopic sight is waterproof and works as well in cold, rainy weather as on sunny days.

Science News Letter, April 19, 1952

⚙️ **SCHOOL DESK** tops look like new when renovated with a rugged stainproof, glareproof, washable plastic having a simulated wood-grain finish. The manufacturer treats old battle-scarred tops at his plant and returns them to the sender ready to thwart destructive students.

Science News Letter, April 19, 1952

## Do You Know?

Salamanders occur in greatest abundance in the Appalachian highlands.

One-quarter of the earth's inhabitants live in south and southeast Asia.

Yeast may some day prove a valuable source of food since it can convert simple nitrogenous compounds into valuable proteins with amazing speed.



⚙️ **MINIATURE BRACES** for doll provide necessary exercise for hand, arm and shoulder muscles of a seven-year-old girl stricken with polio. The girl and her doll are shown in the photograph. By taking off the doll's braces, putting them back on and adjusting them, the little girl has fun while strengthening her muscles.

Science News Letter, April 19, 1952

⚙️ **ROTARY HOE** pulls weeds out of back-yard gardens while mulching and aerating the soil at the same time. Based on the same principle used in big tractor-drawn cultivators, the active parts of this hand tool are made of a heavy-gauge steel bolted to a handle.

Science News Letter, April 19, 1952

⚙️ **ELECTRIC WRIST** watch uses a tiny storage cell which can drive a miniature motor over a year before going bad. Because of the even power delivery to the motor, the watch is said to keep time more accurately than conventional spring-wound watches.

Science News Letter, April 19, 1952

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