

• New Machines and Gadgets •

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☼ **ROLL-AWAY DOORS** for kitchen cabinets, made of light-weight, interlocking plastic strips, slide up and out of the way at a touch. They operate somewhat similar to the window shade, are finished in various colors, and are easily cleaned with soap and water.

Science News Letter, January 31, 1948

☼ **IMPROVED CAR WASHER** is a waterproof mitten on the back of a rubber-like sponge into which water is conducted by a connection to a garden hose. The water, flowing steadily through the spaces within the sponge, rinses and washes the surface at the same time.

Science News Letter, January 31, 1948

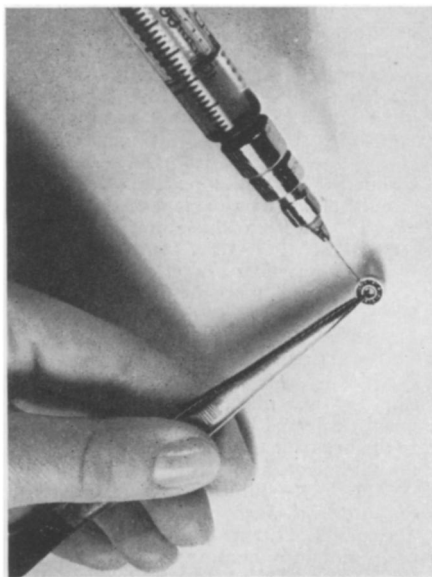
☼ **PLANETARIUM**, for use in home or school, projects on ceiling or wall constellations including most stars visible to the naked eye. It is a box with 12 faces, with a light in the center, punched with holes to represent the stars. It operates on house current and makes one revolution every four minutes.

Science News Letter, January 31, 1948

☼ **BRUSHING MACHINE**, developed especially for cleaning oil, grease and dirt from automobile clutch plates, is semi-automatic in operation and greatly speeds the process. The plates drop onto a rotating turntable which carries them under powered revolving brushes.

Science News Letter, January 31, 1948

☼ **BALL BEARINGS**, for use where freedom from magnetic influences are necessary, are made of hardened beryl-



lium-copper alloy, and are designed particularly for electrical, electronic, geophysical and other instruments. The smallest fully-ground non-magnetic ball bearing made is shown in the picture.

Science News Letter, January 31, 1948

☼ **ROPES OF BEADS** for neckwear are made of cellulose acetate plastics of many colors which are permanent because the coloring is in the plastic itself. The beads do not chip, and will not break even when dropped on a hard floor.

Science News Letter, January 31, 1948

☼ **"BLACKBOARDS"** for home and schools are actually white, green, yellow

or gray in color, being made of wood-fiber with a light-colored coating of vinylite plastic, sprayed on and baked. Special dark-colored dustless crayons are used with these boards.

Science News Letter, January 31, 1948

☼ **PLASTIC TOY**, shaped somewhat like a spool, rolls back to the child after being rolled away. It has inside its ornamental bulging center section a spring mechanism, wound up by the forward movement, which causes it to roll back.

Science News Letter, January 31, 1948

Science Service Radio

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Feb. 7—The Story Behind the National Blood Program—Dr. Ross McIntire, American Red Cross

Feb. 14.—Scientists of Tomorrow—Winners of the Science Talent Search

Feb. 21—Sounds from the Sun—Mr. Grote Reber, National Bureau of Standards

Feb. 28—National Meeting of Science Clubs of America, Broadcast from the Science Talent Search

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