

• New Machines and Gadgets •

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⚙️ **DECORATION KIT** for glass, china and metal objects, contains six basic paint colors, two bottles of a thinner liquid, a paint brush and eight plain tumblers. Designs painted can be made permanent by baking in the oven.

Science News Letter, December 16, 1950

⚙️ **CARBURETOR PREHEATER**, for quick-starting of automobile engines in cold weather, is a unit installed between carburetor and intake manifold. The unit contains a wire heated electrically from the battery. When gasoline hits the hot element it is instantly vaporized.

Science News Letter, December 16, 1950

⚙️ **CHILI FLAVOR** for frankfurters, added in the manufacturing process, is a seasoning containing a number of spices in addition to those used in making former chili powder. "Hot dogs" containing it can be served without the customary outside sauces to give better taste.

Science News Letter, December 16, 1950

⚙️ **VACUUM CLEANER**, for use in laundering rugs and upholstery at home, has an over-size motor that supplies high suction to pick up suds and water as well as dirt and lint. Its rubber-sealed metal reservoir is easily detached for convenient emptying.

Science News Letter, December 16, 1950

Do You Know?

Larvae of all mosquitoes develop in water.

Frozen *fish* keeps well if kept completely frozen.

Roughly, there are 1,000 kinds of *trees* in America.

A promising cure for *rattlesnake bites*, still in experimental state, is a serum from king snakes.

Canned *watermelon juice* is promised for the near future.

A male *hippopotamus* at the Philadelphia zoo, a youngster in 1936, now weighs about three tons.

Titanium was discovered by an English clergyman in 1791 and named by a German scientist some years later.

The *soil* in pots of houseplants will be sufficiently aerated if watered thoroughly and then permitted to dry out.



⚙️ **CHRISTMAS KIT** for the youngster includes plastic blocks of various shapes, as shown in the picture, which can be fitted together to form many objects from a giraffe to a rocket gun. Rustproof fast-

eners are used to snap pieces together.

Science News Letter, December 16, 1950

⚙️ **ADJUSTABLE DESK TRAY**, holding either letter or legal size papers, is made of light-weight long-wearing plastic in two parts connected by a metal center panel. The plastic parts can be slipped in and out of the metal panel, and are held in the desired position by metal tabs.

Science News Letter, December 16, 1950

⚙️ **HAND BRUSH**, for clothing or upholstery, is made of wool fibers firmly bonded with rubber-like neoprene, and will pick up lint, face powder and other clinging substances usually hard to remove. It can be used also with cleaning fluids because of its neoprene bond.

Science News Letter, December 16, 1950

⚙️ **SELF-LOCKING STAPLE** to hold wire fencing to a wooden post, recently patented, resembles the ordinary U-shaped staple but has outward projecting barbs near the pointed ends. These bite into the wood when an attempt is made to pull the staple out of the post.

Science News Letter, December 16, 1950

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