

• 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 547. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **TELEVISION POINTER**, which appears in white or black superimposed over the picture on the screen of the viewer, is operated by the commentator. It makes football plays easy to follow, or identifies a speaker in a group.

Science News Letter, December 2, 1950

⚙️ **WEATHERPROOF SPRAY** for roofs and sidewalls is a Vinylite resin resistant to moisture, abrasion, most acid fumes and fire. It can be used to repair old roofs built up with pebbles, to seal cracks in new roofs before final coating, or sprayed on a felt or pitch roof.

Science News Letter, December 2, 1950

⚙️ **MICROFILM VIEWER** magnifies about 10 times, is designed for the convenient reading of short lengths of film, a form in which many public documents are now recorded. This inexpensive small-size viewer does not cause appreciable eye strain.

Science News Letter, December 2, 1950

⚙️ **FLOOR CLEANER**, to remove old varnish, shellac or wax in preparation for a new finish, is an organic liquid solvent which eliminates the need of a sanding machine. It is spread on a portion of the floor, rubbed in with steel wool, then wiped with a cloth.

Science News Letter, December 2, 1950

Do You Know?

American capacity to mine coal is 30% to 40% above demand.

Brazil, the largest of the Western Hemisphere countries, includes half the area of South America.

An experimental factory ship is now used by a New England fishing concern; fish are sliced on shipboard as soon as caught and the fillets immediately frozen.

The powerful downdraft of a hovering helicopter was used to drive an escaped inflated raft, on which were two children, from choppy waters to the shore.

Ammonia is an important industrial chemical; it is a basis for many nitrogenous fertilizers and a raw material for dyes, pharmaceuticals, plastics and many other products.

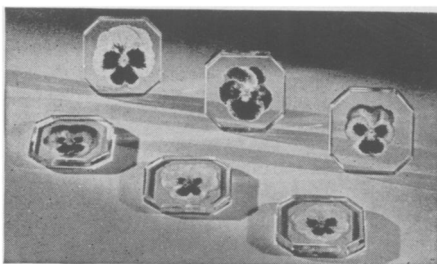
Many Americans took Geiger counters with them on their vacations in the country this year, it is said; the object was prospecting for uranium as a side-line vacation activity.



⚙️ **OVERALLS** for the youngster, shown in the picture, are easy to put on and take off because they open all the way down the outside of each leg. Vinylite plastic lining used in them takes the form of a built-in panty that is both moisture and stain resistant.

Science News Letter, December 2, 1950

⚙️ **BARBERING APRON**, for use to keep hair clippings from the clothes of the customer, is rectangular in shape but has a V-shaped opening extending downward at



REAL PANSY COASTERS

These attractive coasters were made by embedding real pansies in Castolite, a new liquid casting plastic. With it students embed real flowers, butterflies, shells, photos, medals, etc. to make unusual jewelry, buttons, coasters, plaques, tiles, book ends, trays, other distinctive objects. Successfully used by hundreds of schools and colleges. Write for new FREE folder "Liquid Magic" showing things students can make. Many ideas for Christmas. The Castolite Company, Dept. P-50, Woodstock, Ill.

its upper end. The hems of the opening in this newly patented apron contain elastic cord to fit tight around the neck.

Science News Letter, December 2, 1950

⚙️ **INSULATED NAIL**, for use in electrical wiring to hold two wires in place on a wall and hold them apart, is made of metal but has a hard plastic material covering head and part of the shank. This insulating plastic is capable of withstanding hammer blows.

Science News Letter, December 2, 1950

⚙️ **SEALING STRIP**, to prevent water seepage around the wall edges of bathtubs and sinks, comes in a kit with a cleaning fluid, water-proof adhesive and a brush. The strip itself has a high-gloss white finish and is easily cleaned with a wet cloth.

Science News Letter, December 2, 1950

Coal tar is one of the most valuable raw materials of modern chemistry.

A coast-to-coast survey shows that black is the most popular color for automobiles.

The sickle-billed hummingbird of South America has a curved beak that enables it to feed on flowers whose calyxes are upright.

Korea is an important mining country, producing iron, tungsten, molybdenum, graphite, manganese, aluminum, cobalt, nickel, copper, lead, zinc and other ores.

A new steel 217-foot tower on the top of the high Empire Building in New York City to be used in television broadcasting, will enable receivers 50 miles away to pick up clear pictures.

**NEW Model SL
MINERALIGHT**
(Genuine Ultra Violet Black Light Lamp)

**For Schools... Hobbyists
... Laboratories**

This new, light-weight MINERALIGHT has adequate intensity for general use. It is particularly valuable for laboratory work. Schools have found it furnishes new interest in science teaching, geology, physics and chemistry. Hobbyists find new beauties in nature and enjoy collecting fluorescent minerals. MINERALIGHT Model SL is available in either long or short wave. Field units including batteries, carrying case with daylight viewing aperture available... Write for complete information.



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