

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

⚙️ **CHRISTMAS TREE**, table size, is made entirely of a mesh-like aluminum foil and is light, inexpensive and fireproof. In tree form, it glows with a soft inner light transmitted on hundreds of mirror-like strands from an electrically lighted base. Expanded foil, supplied by a manufacturer of air filters, is used in it.

Science News Letter, December 10, 1949

⚙️ **RUBBER SPRINGS**, to take the jerks and bumps out of riding a tractor, operate on a torsional shear principle and are used in pairs horizontally placed under the seat. They consist of a thick layer of special rubber sandwiched between and fastened to two metal plates.

Science News Letter, December 10, 1949

⚙️ **FLATIRON HOLDER**, for a hot electric iron, has a metal base, which is fastened to but spaced away from a wall, on which are side flanges with space between them for an inserted iron point-end down.

Science News Letter, December 10, 1949

⚙️ **RAIN GAGE**, shown in the picture, is a simple but accurate type, made of transparent shatter-proof plastic, designed particularly for farmers, gardeners, home owners and amateur meteorologists. The



graduated tube, easily read, can be removed from the metal holding frame for emptying.

Science News Letter, December 10, 1949

⚙️ **CARBURETOR PREHEATER** is claimed to be able to overcome sluggish starting of the automobile engine in cold

weather. Designed for easy installation between carburetor and intake manifold, the unit consists of an electrical heating element held by two terminals in a plastic gasket.

Science News Letter, December 10, 1949

⚙️ **WIRE CUTTER FOR DENTISTS**, for use in straightening teeth and the wiring of broken jaws, is made of stainless steel with edges of hard carbide metal. The cemented carbide cutting edges, being far harder than any other metal, keep in sharp condition and make wire cutting easy.

Science News Letter, December 10, 1949

⚙️ **PLASTIC PIPING**, one-twelfth the weight of steel tubing, is being used to draw off salt water from crude oil deposits. It is made of a cellulose acetate butyrate plastic and, in addition to being light in weight, is non-corrosive, flexible and strong.

Science News Letter, December 10, 1949

⚙️ **STEREOSCOPE**, a small-sized plastic type for youngsters in the fairy-story stage, comes with ten stories in color, each composed of ten slides containing double pictures to give the three-dimensional effect. Familiar stories, such as "Jack and the Beanstalk," are included.

Science News Letter, December 10, 1949



GIVE Science News Letter to the people on your Christmas list who have the precious quality of intellectual curiosity, the young ones, and the not-so-young who avidly seek knowledge of the new in science, those special friends and relatives you wish to remember with the discerning gift of a year's subscription to Science News Letter. Put their names and addresses on the coupon below, detach and mail to us with your address imprint attached to it.

To Science News Letter, 1719 N Street, N. W., Washington 6, D. C.

Please send to each person listed below, Science News Letter once a week for all of 1950. I understand you will announce my gift by sending each person whose name appears below, a Poinsettia Design Christmas card with my name on it as donor; and that you will also send to each without extra charge, the Christmas and New Year's issues of Science News Letter.

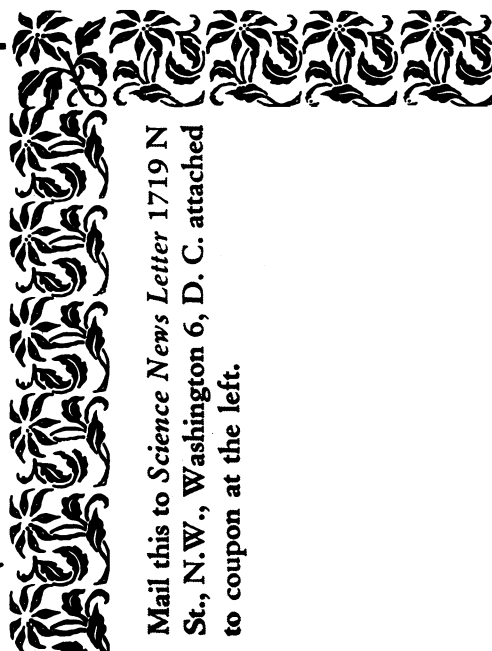
Send Gift Subscription to:	And to:
Name	Name
Address	Address
City, State	City, State

- Check enclosed. First gift—\$5.50, additional gifts—\$4.50 each
- Bill me later.

Send the Poinsettia Design Christmas card signed with my name as imprinted here



424



Mail this to Science News Letter 1719 N St., N.W., Washington 6, D. C. attached to coupon at the left.