

• New Machines and Gadgets •

If you want 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 366. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **PHOTOGRAPH FRAME**, which contains fluorescent lighting to illuminate the picture, spreads a soft illumination over the photograph that increases its visibility and brings out the richer tones and beauty in good photographs.

Science News Letter, June 14, 1947

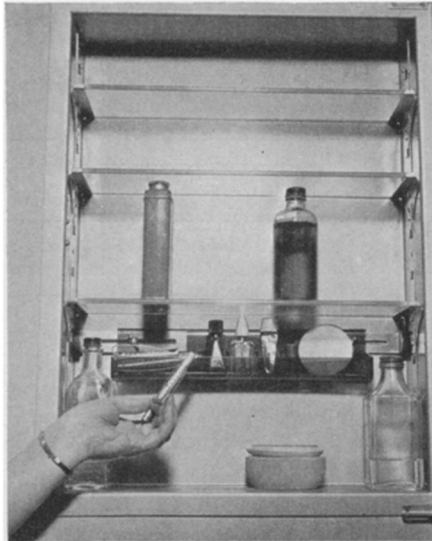
⚙️ **WATER TURBIDITY** is accurately measured by a naval instrument called a hydrophotometer. It has a meter box above the water and a suspended head submerged at the desired depth. Turbidity, of importance in underwater photography, is determined from electric currents from two photocells in the head actuated by the same light, one directly, the other through 20 inches of water.

Science News Letter, June 14, 1947

⚙️ **FLASH GUIDE** for photographers provides accurate flash exposure information with the twist of a dial. The cardboard dial in its frame is adjusted so that a code number, representing the film-lamp-shutter combination to be used, is opposite an arrow on the top of the card; then the correct lens opening shows on the bottom.

Science News Letter, June 14, 1947

⚙️ **REMOVABLE TRAY** to hold toilet articles may be quickly inserted in the ordinary bathroom medicine cabinet. Ex-



tension arms with rubber cushion pads hold it in place when the wingnuts are properly tightened. The tray is of transparent plastic, as shown in the picture.

Science News Letter, June 14, 1947

⚙️ **RADIO-FREQUENCY** operated edge gluing press, for use in furniture making, generates heat within the product itself, taking minutes for what formerly took hours. Flat plates in the electric circuit on each side of the press develop an electric field between them, thereby

creating heat in the wood cores and drying the glue.

Science News Letter, June 14, 1947

⚙️ **PORTABLE** mist blower, for insect control work, delivers extremely small amounts of concentrated insecticides on 35-foot trees in the form of a finely atomized spray. Atomization is accomplished by a large volume of air at high velocity coming through a tubular tunnel from a powerful fan.

Science News Letter, June 14, 1947

⚙️ **CIRCULATOR** for bottles in refrigerators is a wire basket without a front, but with a partial partition in the center and a series of rollers on its curved rear. When a fresh bottle of milk is inserted on one side of the partition and pushed, the rollers help bring older bottles to the front on the other side.

Science News Letter, June 14, 1947

DDT Death Dealing Thing

For those who like to experiment, Science Service has assembled a kit containing five samples of the insecticide that is doing such a job in controlling disease pests.

Two other insecticides included. Timely. Fun to do. Eighteen experiments. Full instructions.

Only 50c postpaid

DDT

To: SCIENCE SERVICE
1719 N St., N. W.
Washington 6, D. C.

Send me
DDT kit
50c enclosed

DDT

Question Box

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