

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

☛ **SUN GLASS LENS** cuts out reflected glare, heat and sunburn rays. It is a "sandwich" affair, with a center layer of white prescription-ground spectacle glass, an inner layer of glare-absorbing material and an outer layer to absorb both infra-red and ultraviolet rays.

Science News Letter, July 22, 1950

☛ **TOUGH PLASTIC** material, developed to bridge the gap between soft rubber and hard rubber, is suitable for low-cost gears to replace metal gears in devices ranging from lathes to washing machines. The plastic gears can be accurately molded and are resistant to chemicals and abrasion.

Science News Letter, July 22, 1950

☛ **MANICURE LIGHT** is a broad U-shaped device which rests on one side with the other above. The lower arm has grooves to hold the fingers, while the upper one contains a covered electric bulb to concentrate light directly down on the finger nails.

Science News Letter, July 22, 1950

☛ **DRESSMAKING AID** is a plastic measuring and marking device, a one-hand tool as shown in the picture. Marks are made with tailor's chalk to locate exact position



for tucks, buttons, buttonholes, hooks and eyes and other details in sewing and knitting.

Science News Letter, July 22, 1950

☛ **EGG-INSPECTION** light utilizes ultraviolet rays to detect fluorescence in the albumen due to infection of certain organisms. This fluorescence can also be detected

in shell eggs, and the light can be employed to show whether or not eggs have been washed.

Science News Letter, July 22, 1950

☛ **WHISK BROOM** has its bristles on a base movable within the handle so that the brush itself can be varied in length from near zero to four inches to obtain firmness for serving different purposes. Bakelite styrene plastic forms the bristles and also the five-inch handle-case.

Science News Letter, July 22, 1950

☛ **EASY-WEIGH SCALE** is carried in one hand and merely hooked onto the handle of a milk pail or other container. The weight can be seen at a glance on a horizontal dial at the top. Made of cadmium-plated steel and aluminum, the device is less than three pounds in weight.

Science News Letter, July 22, 1950

☛ **WALL BRACKET** for a telephone directory has a shelf compartment big enough to hold the largest directory and a top designed with a groove for pencils and a space for a pad. Finished in various colors, it is easily attached to the wall with two screws.

Science News Letter, July 22, 1950

Do You Know?

Chicks can be raised successfully on all-vegetable rations if the diet is supplemented with vitamin B₁₂.

Experimental work in America with the rubber-producing *guayule* is continuing with a fair degree of success.

"Street couplet" is a term now being used where two parallel streets, one block apart, are used for one-way traffic in opposite directions.

"Traveling creameries" are in use in Ireland; they are in trucks which visit out-lying farms, run the milk through separators, and buy the cream.

The U. S. Navy got its *first submarine* in 1900; it was the 53-ton, 74-foot Holland, a tiny craft in comparison with present 1,500-ton, 300-foot submersibles.

An experiment, using DDT, to make Cuba's Isle of Pines a *mosquito-less resort* is under way; this malarial island was the inspiration for Stevenson's "Treasure Island."

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