

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

⚙️ **PICTURE-TUBE REACTIVATOR** for television repairmen can put new life into old picture tubes that have grown dim because the electron-emitting material in the cathode has become "weak." The unit will not work if the picture tube has a broken filament, shorted parts, or if it has become leaky.

Science News Letter, June 7, 1952

⚙️ **RUBBER CLEANER** for home use removes dust, grime and stains from rubber-coated dish drainers and other rubber household products. The cleaner polishes and protects bright-colored surfaces not only of rubber products but also of linoleum and plastic-topped tables and work counters.

Science News Letter, June 7, 1952

⚙️ **X-RAY MONITOR** placed beside patients undergoing radiation treatments reassures them that the treatment is confined to diseased areas of the body. The instrument is about the size of a quart fruit jar.

Science News Letter, June 7, 1952

⚙️ **POCKET PROTECTOR** for men's shirt, coat or vest pockets keeps pens and pencils from marking or staining the cloth. Made of a vinyl plastic, the protectors are available in white pique, alligator grain and pigskin embossed patterns, and in clear sheeting.

Science News Letter, June 7, 1952

Do You Know?

Adding *methionine* to poultry rations, particularly during the summer months, improves feathering and growth.

Over 5,000 *caves* are already known to exist in the United States, but this is estimated to be less than 10% of the total which remains to be discovered.

A new plasticized blend of synthetic *rubber and tar*, designed for use on airport runways, is unaffected by hot jet blasts and resists the dissolving effects of spilled fuel, both of which are serious problems associated with jet aircraft.

Flaws in iron, steel and non-ferrous metals now can be detected quickly, without dismantling complex machinery, by a new portable electronic "eye" which uses *ultrasonic waves* to produce flaw-patterns on a cathode ray tube screen.



⚙️ **CHILDREN'S TENT** made of a vinyl plastic, as shown in the photograph, can be used for play indoors as well as out-of-doors. Easily dismantled, the tent has a base four and a half feet square, stands five feet high and will accommodate about

four children. A smaller model is large enough for two children.

Science News Letter, June 7, 1952

⚙️ **BALL-BEARING CUFF** links and tie clasps feature precision-made, free-moving bearings that actually spin. The novel accessories are double gold plated and come in sets of two cuff links and one tie clasp.

Science News Letter, June 7, 1952

⚙️ **SAFETY GRIP** for laboratory workers protects hands and provides a firm hold that permits sliding glass tubing into stoppers with less chance of breakage. Accommodating most sizes of tubing commonly used, the grip also can be employed while breaking tubing to desired lengths.

Science News Letter, June 7, 1952

⚙️ **RECORDING SYSTEM**, portable and magnetic, reduces motion picture and television film costs up to 75% by using a half-width (17½mm) movie film run at half-speed. A full 30-minute television program can be recorded on one reel. The unit operates either from batteries or from AC outlets.

Science News Letter, June 7, 1952

3 EXPERIMENTAL KITS ALL FOR \$1.50

FERTILIZER

FUNGICIDES

PYRETHRUM

FERTILIZER—6 specimens of chemical fertilizers and 2 testing materials to show how fertilizers affect growth.

FUNGICIDES—6 specimens selected to show some of the chief materials damaged each year by fungi, and 2 solutions used to protect them against attack.

PYRETHRUM—latest improvements in insecticides: materials which are toxic to insects but low in toxicity to humans and animals; the latest developments in the control of insects destroying food and food products—growing crops, stored grains, etc.

I enclose \$1.50 for which please send me the three experimental kits listed above. Please also send me information on how I can become a member of THINGS of science (). My address is imprinted at the right.

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6-7-2