

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

⚙️ **FLUORESCENT CHALK**, which can be used to write on any blackboard and is erased in the same manner as ordinary chalk, comes in six colors which glow brightly under ultraviolet light. It is particularly suitable for use where light levels are low.

Science News Letter, March 29, 1952

⚙️ **CIRCULAR CALCULATOR** gives simultaneous answers to as many as six problems of copy-fitting. Made of smudgeless Vinylite plastic, the device will not warp under normal conditions. It figures machine or hand-set type in terms of time and dollars.

Science News Letter, March 29, 1952

⚙️ **ATOM MODELS**, which come in a set, can be combined to demonstrate atomic structure of inorganic and organic materials. They can show coordination and covalent bonds. Manufactured to scale, the models are good for classroom demonstrations or for laboratory use.

Science News Letter, March 29, 1952

⚙️ **OPTICAL-MAGNETIC RECORDING** projector makes possible magnetic sound-on-film for amateur movie makers. In addition to projecting standard 16-mm sound movies, the machine allows home enthusiasts to add music and voices to their own shots after a magnetic sound track has been added to the film by the manufacturer.

Science News Letter, March 29, 1952

Do You Know?

Fungi, like mushrooms, truffle and morel, are edible delicacies.

The largest *frog* is the Goliath frog of West Africa; its large thigh bones are highly prized by the natives for use in ceremonial rites.

In ancient Rome, *leather* was so precious that the wearing of high shoes was restricted by law to patricians, while the poor had to wear primitive sandals or walk barefoot.

Surest way to have *white sauce* smooth and lump-free is to melt the fat, then blend in the flour thoroughly, add milk slowly, stirring constantly, and keep the heat low until the mixture thickens.

Live *births* in the United States last year soared above 3,800,000 for the second time in history, and topped the 1950 birth total by more than 200,000.



⚙️ **PAINT BRUSH** developed especially for high-speed painting of walls has a built-in reservoir which supplies a sci-

tifically designed bristle with enough paint to permit a large area coverage with one dip. The light-weight brush, shown in the photograph, is seven inches wide.

Science News Letter, March 29, 1952

⚙️ **INDUSTRIAL APRON**, which is chemical-resistant and made of Vinyl with heat-welded seams, may be worn by men and women. Wiped clean with damp cloths or sterilized with alcohol.

Science News Letter, March 29, 1952

⚙️ **AIR FILTER** which removes 99.98% of all measurable particles from the air uses pleated paper as the filtering element. The machine can be of value where completely clean air is required. Available in two sizes, it has capacities of either 500 or 850 cubic feet of air per minute.

Science News Letter, March 29, 1952

⚙️ **POWER PLANT DEVICE** automatically reports 400 different conditions in the plant and records and prints when and where those conditions occur. It can be applied to airport dispatching, bus terminal control and industrial plants.

Science News Letter, March 29, 1952

Spring is here . . .

4 EXPERIMENTAL KITS \$200

TO GIVE YOU A HEAD START

★ **1952 SEEDS**—Salad Bowl lettuce, long-lasting and heat-resisting garden lettuce, Mandarin Chinese cabbage and Celosia Pampas Plume, a new cockscomb—all available this spring for the first time; Dianthus Double Gaiety, new member of the "pink" family . . . these are flowers and vegetables your neighbors won't have.

★ **1951 SEEDS**—Recent flower breeding progress demonstrated by Glitters marigold, top-flight new marigold, and Limelight Marigold, best of its type a decade ago. Two cucumber varieties, one wilt-resistant, show progress in breeding new vegetables.

★ **NUT TREE KIT**—6 specimens of nuts grown in the U. S.—hickory, pecan, almond, filbert, Persian walnut and pistachio. Learn how to grow nuts and what varieties do well in your area.

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

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