

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

⚙️ **PLASTIC WHEELS** for roller skates will outlast present wood or fiber wheels and are less noisy, producing only a quiet hum. More important, they give a surer, tighter grip to the rink floor, thus reducing the danger of slipping during jumps, spins and turns.

Science News Letter, January 19, 1952

⚙️ **NON-SINKABLE** bathing suit resembles the conventional type but has built into it storage cavities into which gas from a tiny pressure tank near the waist may be discharged. The gas-holding compartments are so placed that buoyancy is provided where most needed.

Science News Letter, January 19, 1952

⚙️ **CEILING HEATER** in a unit with an overhead light and an air circulator is an all-electrical device suitable for small rooms. Its fan draws in air from near the ceiling, passes it through the electric heating unit, and forces it downward to circulate throughout the room.

Science News Letter, January 19, 1952

⚙️ **DISPOSABLE SYRINGE**, containing a single dose of atropine, is for use in an area in which an enemy has released the dangerous nerve gas. It is a small tin tube with needle attached, and can be used by most anyone to inject the drug into a muscle.

Science News Letter, January 19, 1952

⚙️ **IRONING PAD**, of material shown in the photograph, is built with an aluminum



foil center that is said to bounce back heat to the underside of the material being ironed. There are perforations in the foil

to provide ventilation and keep the pad dry. This pad is claimed to be a time-saver.

Science News Letter, January 19, 1952

⚙️ **CIRCUIT ANALYZER** for a blind radio engineer enables the person to make tactile readings of resistances, voltages and currents. It has a braille dial which may be turned until no sound is heard in connecting car phones. It is a precision instrument.

Science News Letter, January 19, 1952

⚙️ **SPIRIT DUPLICATOR**, for use in an office for duplicating printed or written matter, is similar to other duplicators of the type but has many improvements and is portable, weighing 12 pounds. It will reproduce pages from postcard size to that of the ordinary business letter.

Science News Letter, January 19, 1952

⚙️ **PROTECTION GLOVES** for workers in chemical plants are an improved type made of canvas coated with a durable vinylite resin that has high resistance to acids, solvents and abrasion. They are available in gauntlet and knit-wrist styles.

Science News Letter, January 19, 1952

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Do You Know?

French missionaries of early days who found the wholesome cereal known as wild rice growing along Wisconsin rivers called it wild oats.

Snakeskin seems to be a preferred material in nest-building by some birds, including the bulbul of the Philippines.

Paper with high tensile strength both when dry or wet is now being made of a regular paper pulp to which a synthetic rubber known as neoprene is added in latex form.

Glass as an engineering product can be made lighter than cork and almost as heavy as iron; it can also be made in mechanical strength stronger than cast iron.