

# • New Machines and Gadgets •

⚙️ **HARVESTING** basket has a vertical, adjustable rod through its center with a handle at its top and pointed lower end so that it may be stuck in the ground. A thumbscrew holds the basket at any desired height. Both hands are left free to pick fruit without stooping to place it in the container.

*Science News Letter, May 12, 1945*

⚙️ **REVERSIBLE NECKTIE** has one design or material on one side and a different material on the other, and is worn with either side showing. The two materials are laid facing each other with the lining on top and all machined-screwed together, then turned right side out.

*Science News Letter, May 12, 1945*

⚙️ **FLASHLIGHTS**, which emit light when pointed slightly downward and automatically go out when pointed slightly above a horizontal position, contain a gravity-operated mercury switch. The drop of mercury in the switch breaks the circuit by flowing downward when the flashlight is tipped upward.

*Science News Letter, May 12, 1945*

⚙️ **NEW RUBBER CEMENT**, used for bonding metals, wood, plastics and ceramic materials to themselves or to each other, forms a strong union when applied under heat and pressure. Wood bonded to aluminum was torn off, since the bond was stronger than the wood itself.

*Science News Letter, May 12, 1945*



⚙️ **HOME HEATING** in postwar days may come from hot-water pipes hidden behind cast-iron baseboards to replace the ordinary wood baseboards, and painted to match the woodwork in the room. It is a type of the new radiant heating, and in tests seems satisfactory. The picture shows the so-called "radiant baseboard."

*Science News Letter, May 12, 1945*

⚙️ **SKETCHING** outfit, to replace the

familiar artist's easel, is a folding table with a shallow drawer to hold the needed paints and brushes, and a hinged easel that opens upward. The artist sits on the stool-high table, facing the easel, with the open drawer between his knees.

*Science News Letter, May 12, 1945*

⚙️ **SPOON-SHAPED** nozzle, attached to the spout of a watering can, delivers a wide-spread, fine spray to plants. One end is cylindrical to slide over the spout; the spoon part that causes the spray is about three times the width of the spout.

*Science News Letter, May 12, 1945*

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 258.

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### PSYCHOLOGY

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