

# • New Machines and Gadgets •

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⚙️ **WRIST CAMERA** straps on the wrist like a watch and uses either black and white or colored film. Called the first domestic magazine load miniature camera, it is made of lightweight plastic. Accessories include viewer, wrist band, case, and 14 frames of 16-mm. film.

Science News Letter, October 1, 1949

⚙️ **BONDING SOLUTION**, for mounting photographs, withstands such severe tests as soaking in water for two days and long exposure to the heat of the sun. It is based on Vinylite resin, and contains nothing that will have any ill effect upon any photographic paper.

Science News Letter, October 1, 1949

⚙️ **PORTABLE**, 50-pound, electric power supply unit, which provides a well-regulated source of direct current at loads from 200 to 300 milliamperes, is suitable for laboratory, broadcast, and industrial applications. Optional carrying cases have been designed for the television trade.

Science News Letter, October 1, 1949

⚙️ **TROUSERS** for winter wear have cuffs, recently patented, which bulge out over the ankles but are strapped to the leg above and below. Each cuff is made of four hexagonal pieces, with side seams aligned with the side seams and the notches of the trouser legs.

Science News Letter, October 1, 1949



⚙️ **GERMANIUM** crystal mixer, for use in miniaturization in radio circuits, is shown in the picture where it is contrasted in size with more ordinary mixer tubes, including one of standard and one of sub-miniature types. It is a four-terminal type.

Science News Letter, October 1, 1949

⚙️ **WINDOW BALANCE**, recently patented, is a friction device to take the place

of the common weight balances in a window sash, and can be used in old or new construction. It consists of a plate with an adjustable side spring which can be fixed over the rope groove in the edge of the sash.

Science News Letter, October 1, 1949

⚙️ **THREE-SPEED** fishing reel, suitable for almost all salt-water fishing reels, has a gear shifting unit which gives no interference to free-spool or star-drag operations. The combination of speeds desired can be obtained by proper assembly before starting for fishing.

Science News Letter, October 1, 1949

⚙️ **FROZEN COFFEE** concentrate, in five-ounce cans, will soon be available on the market. It will provide housewives with hot coffee at about five cents a cup. It is a product of the company responsible for the nation's first fully automatic hot coffee vending machine.

Science News Letter, October 1, 1949

⚙️ **ADVERTISING** attachment, a small aluminum frame with an enamel finish and a glass front and rear, is easily fixed in place on the top of the parking meters now common on city streets. Advertising cards are inserted between the glass plates, bringing additional income to the city.

Science News Letter, October 1, 1949

## Do You Know?

European silk is produced largely in Italy.

Alaskan fur-seals live in "rookeries," with 35 to 40 females under the domination of one old bull.

Carrots actually build up their supply of the valued food element, *carotene*, during winter storage.

No single adhesive has been developed that will satisfactorily bond all types of materials.

The twin cities, Fort Williams and Port Arthur on the north shore of Lake Superior, are together called the *grain-shipping capital* of the world.

The "non-farm use" of fertilizer in the United States amounts to about 240,000 tons; its applications are on lawns, home gardens, golf courses, cemeteries and city parks.

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