

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

☛ **COMMUNICATION SYSTEM**, which permits private talk between headquarters and individual drivers of police and other fleet cars, is an all-electronic system employing two-way FM radio. In present systems, car drivers hear all messages from headquarters, and all back-talk conversations.

Science News Letter, June 9, 1951

☛ **VOICE RECORDER**, midget size, is an English development for use on speedy jet planes to record observations made by the test pilot. It replaces the former pencil-and-pad method that necessarily takes time that should be devoted to watching the ship and its instruments.

Science News Letter, June 9, 1951

☛ **BEDSIDE CONTROL**, for the electrically-heated blanket, has an illuminated dial which lights up when the current is on, making it visible in the dark. The control also regulates the selected degree of warmth and automatically compensates for room-temperature changes.

Science News Letter, June 9, 1951

☛ **COPY HOLDER** for the typist is an improved type of a board with line indicator to hold notepads and other copy work just above the typewriter carriage where easily seen. A touch of a lever alongside the keyboard raises the copy one, two or three lines at a time.

Science News Letter, June 9, 1951

☛ **LIFE PRESERVERS** for small children dumped in the water from a plane crash are worn like double-bibs high on the chest as shown in the picture. They are inflated from carbon dioxide cylinders on the back

Do You Know?

Trifol, a legume which does well in such northern states as Vermont, has a feeding value equal to alfalfa.

The average motorist can increase his mileage per gallon of gasoline by at least 10% by using proper driving techniques.

Extremely fine wire for miniature electronic equipment is made by "eating down" larger wire to the size desired in an electrolytic bath.

The cactus-like boogum plant of Lower California, the Cirios, sometimes grows erect to a height of 50 feet and sometimes arches over until its crown touches the soil and becomes rooted.



of the neck out of reach of tiny tots. In use, they tilt the wearers' heads out of the water.

Science News Letter, June 9, 1951

☛ **LIGHTING UNIT**, for taking still or moving pictures, is a light-weight folding affair with two arms, which can extend out over 26 inches. For lighting effects, arms can move horizontally in a 180-degree swing, while the two sections which hold two lights each, can be rotated 350 degrees.

Science News Letter, June 9, 1951

☛ **JEWELRY CLEANER**, for home use, is a liquid in a can into which rings and other articles can be swished, then rinsed under the water tap and wiped with a soft cloth. The cover of the can has a rod extending downward with hooks on its end to hold jewelry during swishing.

Science News Letter, June 9, 1951

☛ **PICTURE FRAMES** with enclosed hidden fluorescent lights illuminate pictures made of translucent plastic sheet, giving life-like, three-dimensional effect. Pictures can be easily interchanged to blend with new decorating schemes, and come in a variety of colors and subjects.

Science News Letter, June 9, 1951

ATOMIC BOMB FIRST AID

A series of pertinent, up-to-date articles, published in SCIENCE NEWS LETTER, prepared by Jane Stafford, Science Service Medical Writer, with the cooperation of the American Red Cross and other sources . . . Reprinted in 12-page pamphlet form at reader request. Subjects include:

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6-9-51