

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

☛ **HOME STERILIZER** for the infant's formula is big enough to hold six ordinary nursing bottles and the device may also be used as a pressure cooker. For the latter purpose, it is used in the conventional manner except that a pressure of only three pounds is obtained.

Science News Letter, January 28, 1950

☛ **STRAIN TESTER** for rubber and rubber-like compounds is an electric device which measures elongation of a specimen at a definite time after a certain stress is applied. One use is in production and laboratory control, both of rubbers and plastics.

Science News Letter, January 28, 1950

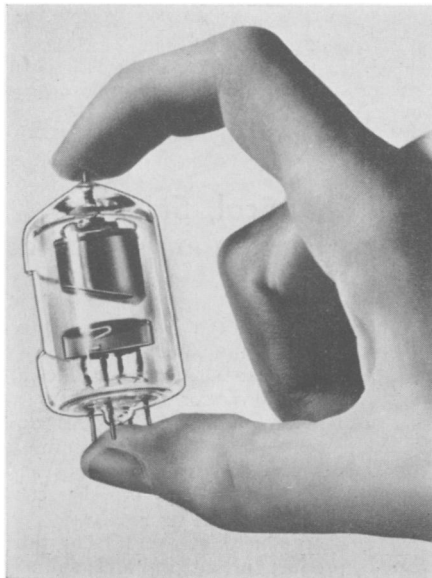
☛ **MAGNETIC LEVEL** for iron workers sticks when placed on a pipe or beam, leaving both hands free for the job. This nine-inch light aluminum level has permanent magnets embedded in its flat faces that will hold it to any ferrous material.

Science News Letter, January 28, 1950

☛ **ANTI-FOG CHEMICAL** preparation will keep the bathroom mirror, the inside of window panes and the inner surface of automobile glass free from steam and fog. It makes an invisible film on the glass and does not interfere with vision.

Science News Letter, January 28, 1950

☛ **X-RAY TUBE**, shown in the picture, is said to be the smallest ever made and is



designed particularly for use in dental work. It has a stabilized, concentrated amount of radiation output, thus producing high contrast and good definition in the picture formed.

Science News Letter, January 28, 1950

☛ **RUBBER TREADS** for stairways in the home resemble carpeting in general appearance. They combine the durability and economy of rubber with the beauty of car-

peting, and are available in five colors to harmonize with a home's decorations.

Science News Letter, January 28, 1950

☛ **SHOE INSERT**, recently patented, is designed as an aid to workmen who are required to stand for long hours on ladders at their work. It is a relatively rigid plate, shaped to fit in the bottom of the shoe from the heel to near the toes.

Science News Letter, January 28, 1950

☛ **COMBINATION ELECTRIC FAN** for either heating or cooling has electric heating coils built into position behind the fan. By the flip of a switch, the coils are put into the circuit to heat the air delivered by the device.

Science News Letter, January 28, 1950

☛ **GLASS FIBER SKIS** for snow jumpers are molded of strong, tiny fibers and a plastic under heat and pressure. Twisting and warping, commonly associated with many wooden skis, are eliminated. The skis have increased stability because their steel edges bite into the snow.

Science News Letter, January 28, 1950

☛ **MINIATURE BROADCASTING** station, an electric device for home or other use, transmits through the air like a regular radio station. Its transmissions can be picked up by any radio receiver within 15 feet.

Science News Letter, January 28, 1950

## Do You Know?

America's first coal-burning gas turbine locomotive is about ready for use.

Fire-resistant hydraulic fluid is now used in some airplanes.

Sea water contains uranium, used in atomic energy, but not in sufficient quantities to supply an economic amount.

Solar eclipses will occur on March 18 and Sept. 12 this year, and lunar eclipses on April 2 and Sept. 26.

California has 75 winter sports areas; 40 of them are in national forests, 33 are on private land within national forest boundaries, and two are in national parks.

The Yogo sapphire deposit in Montana, one of the most productive gem deposits in the United States in the past, is now being restudied for possible further production.

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