

# •New Machines And Gadgets•

⚙️ **LIGHTED** writing pad holder for truck drivers and police scout cars has a flat base to hold the paper and an electrical flashlight housing standing upright at one end. A globular cover and lens directs the light downward onto the pad, while a hinged clip on the housing holds the pad in place.

*Science News Letter, May 11, 1946*

⚙️ **REPEATING** flash bulb for photographers can be used for several thousand individual flashes of daylight brilliancy. Its bulb is similar to the three-pronged projection lamp. Inside is a gas-filled coil tubing running between two electrodes. Condenser discharges through the coil produce the flash.

*Science News Letter, May 11, 1946*

⚙️ **DIE CASTING**, the economical short-cut between raw metal and finished parts, can now be carried out in any machine shop with a new machine costing no more than a small engine lathe. Completely fabricated die sets permit the manufacturer to make his own dies.

*Science News Letter, May 11, 1946*

⚙️ **CLEAN-KEEPER** for typewriter-types is a special rubber pad on a handle that is used dry to brush over the type each day. The springy pad is behind a sheet of so-called blotting rubber which is well covered with tiny projections that remove the debris. No fluids are used with it.

*Science News Letter, May 11, 1946*

⚙️ **TELEVISION** receiver for the home, made to sell for around \$150, is shown in the picture. Housed in a cabinet 21



inches long, it employs a seven inch picture tube and provides a picture large enough for easy viewing by a group of people in an ordinary size room.

*Science News Letter, May 11, 1946*

⚙️ **FLOOR CLEANER** and waxer is a perforated aluminum tray, about the size of a carpet sweeper, attached to an ordinary mop handle. A steel wool pad is clamped over it for cleaning; this is replaced with a waxing cloth when desired, liquid wax being poured into the tray.

*Science News Letter, May 11, 1946*

⚙️ **GIANT** testing machine, which compresses, stretches and twists steel and other structural materials with tremen-

dous power, can subject a steel beam or joint to 1,000,000 repetitions of stress in four days, or more than it would normally be subjected to in 50 years as part of a bridge.

*Science News Letter, May 11, 1946*

⚙️ **DIAL INDICATOR** gauge for extremely small holes, the first of the type for drillings of such minute diameter, measures holes as small as .122 inch in diameter and up to about twice that size. With it, internal defects are recorded immediately on the dial and dimensional variations shown.

*Science News Letter, May 11, 1946*

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 310.

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