

• New Machines and Gadgets •

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⚙️ **TELEPHONE EARPIECE ATTACHMENT**, which fits over the ear-piece but has no electrical connections with the telephone, enables incoming voices to be heard through the radio loud speaker. It is a midget inductor unit designed to operate with the standard radio receiver or any type of disk-wire-film-cylinder electric recorder.

Science News Letter, January 10, 1948

⚙️ **TREE-MARKING** device for foresters, to indicate trees for cutting by a paint spray, is quickly converted into a torch for starting back-fires in case of a forest fire. Conversion is made by removing the paint nozzle, screwing on a back-firing attachment and filling the container with a 50-50 mixture of kerosene and gasoline.

Science News Letter, January 10, 1948

⚙️ **MECHANICS'** level measures the degree of slope of a bridge strut or a roof rafter. Made of aluminum and usable on all four surfaces, the 16-inch level has a central dial marked in degrees and a needle that remains vertical, thus indicating the slope. It has two horizontal and two vertical spirit vials.

Science News Letter, January 10, 1948

⚙️ **KNIFE SHARPENER**, shown in the picture, has plastic wheels that will not injure a kitchen table surface. The center part of the spool-like device is a grinding stone between which and the plastic wheel the knife is inserted. A pull-push



motion of the knife rotates the spool, putting a keen edge on the blade.

Science News Letter, January 10, 1948

⚙️ **LIVE LOBSTER PACKAGE** permits them to be flown from coast to coast in perfect condition. It is an insulated boxwood carton which controls temperature of the lobsters in transit, and a bag-type plastic liner to retain moisture of the seaweed in which the crustaceans are packed.

Science News Letter, January 10, 1948

⚙️ **TRUCK TIRE EXPANDER**, just patented, consists of a light-weight lever

carrying a sleeve which is worked forward by means of a handle and a ratchet device. Lever and sleeve have downward projecting, hook-like, tire-engaging arms which spread the tire as the sleeve advances.

Science News Letter, January 10, 1948

⚙️ **ELECTRIC FISH SCREEN** unit, a portable type suitable for the average farm pond, consists of a new type electronic generator used in conjunction with a free-swinging electrode system. The generator produces a series of mild, harmless underwater shock waves which keep fish away from outlets.

Science News Letter, January 10, 1948

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