

• New Machines And Gadgets •

If you want 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 372. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⊗ **LIVE BAIT** for fishermen is a wiggling minnow within a tiny elongated pointed cylindrical casing made of a transparent plastic. The fish line is attached to one end and fish hooks to one side and to the other end. The device is effective with bass, pike, pickerel and other game fish.

Science News Letter, July 26, 1947

⊗ **SPEED VISE** for the mechanic's bench is operated hydraulically by foot levers. With a few easy strokes of the foot-operated hydraulic pump, the operator can build up pressures from a feather touch to a seven-ton squeeze, and control jaw action from very fast to very slow.

Science News Letter, July 26, 1947

⊗ **EXPLOSION-PROOF** electric motors, particularly for airplanes, are housed in enclosures with venting windows covered with a new porous metal. The vented construction permits the products of explosion to escape easily, prevents accumulation of combustible gases, and keeps hot products of compression cool.

Science News Letter, July 26, 1947

⊗ **VISION** training instrument resembles the familiar stereoscope but has separate tracks which permit the two pictures to be moved into a variety of positions. The child, as shown in the picture, adjusts the pictures until they



merge into one; the scale readings are interpreted by the doctor.

Science News Letter, July 26, 1947

⊗ **ELECTRONIC DEVICE** detects metal particles and other impurities in candy and other foodstuffs as the material being inspected passes before it on an endless conveyor. If contaminated material passes, a lamp is lighted or a bell rung, or the package is automatically deflected into a special channel.

Science News Letter, July 26, 1947

⊗ **DENTAL COMPACT** is a plastic case about the size of a package of cigarettes, within which is space for tooth-powder and a folding toothbrush. The handle of the brush is hinged so that it folds back over the rear of the bristle end. It is held open in full-length position by a sliding panel on its rear.

Science News Letter, July 26, 1947

⊗ **PARKING LAMP** for automobiles draws slightly more than one-tenth of an ampere per hour yet gives a steady light visible at 1,000 feet. The standard storage battery, charged for 100 ampere hours, would sustain the light over 900 hours. The three-ounce lamp, with lens of ruby-glass, is easily installed.

Science News Letter, July 26, 1947



SCIENCE SERVICE BOOK SELECTION EINSTEIN: HIS LIFE AND TIMES

by Philip Frank

The absorbing, human story of a great scientist—his life and travels, his physics, his philosophy—described by one who is himself an eminent philosophical scientist and personal friend of Einstein. Dr. Frank presents an understandable explanation of Einstein's discoveries including the momentous theory of relativity. A section of the book is also devoted to Einstein's basic research in atomic physics, which heralded the atomic age. \$4.50. 298 p.

This book is one of those chosen from time to time by Science Service for the convenience of its readers, as an outstanding work in its field.

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