

• New Machines and Gadgets •

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⚙️ **CLOTHESLINE** for permanent placement in the basement, the braided-wire type, is easily made taut by means of two wire tighteners with thumb nuts. The wire is supported at each end by a strip of rustproof metal fastened to project below a floor beam and braced with another strip of metal.

Science News Letter, March 19, 1949

⚙️ **NAME TAPE**, to identify clothing at camps and schools, has a thermoplastic backing which, after ten seconds under a hot flat-iron, makes a permanent bonding to the garment that cannot be separated by washing or wearing. A name can be printed with color-fast dye on the white cotton tape.

Science News Letter, March 19, 1949

⚙️ **REEL** for the fisherman to carry a supply of knotless leader in his pocket is made of two disks of transparent plastic just far enough apart to permit holding the line wound within it. It is made of an orange fluorescent material which glows in the dark, and will float if dropped in the water.

Science News Letter, March 19, 1949

⚙️ **DICTAPHONE RECEIVERS**, for the typist transcribing records, are positioned in front of the ears as shown in the picture. The sound is piped to the ears by means of sound arms on ball-and-socket joints



which may be inserted into the car or placed an inch away. Only one may be used if desired.

Science News Letter, March 19, 1949

⚙️ **GARMENT BAG**, for the corner of a crowded closet, is square in shape, made of a transparent plastic material which hangs from a specially designed frame, and has a long zipper which opens on the side instead

of on the front. A patented stay-open device leaves both hands free to insert or remove clothing.

Science News Letter, March 19, 1949

⚙️ **ARTIFICIAL SEAWATER** may be had in a swimming pool by the addition of a package of chemicals which contains all the ingredients of natural seawater. For a pool owner who wants a distinctive color in the water, salts are available in tones of blue, green and purple.

Science News Letter, March 19, 1949

⚙️ **SCAVENGER BOAT** for New York harbor, picks up loose debris and floating driftwood. It is a 100-foot craft with a double pontoon-like hull, and is diesel-powered with twin screws and twin rudders. When cruising through the harbor, it picks up any debris encountered.

Science News Letter, March 19, 1949

⚙️ **FOLDING GLASS**, for a convertible automobile top, folds like an accordion on a three-quarter-inch plastic joint connection when the top is lowered. Its use eliminates the narrow rear-vision strip formerly necessary and permits the same full-vision view as in stock model cars.

Science News Letter, March 19, 1949

Do You Know?

Ethyl ether is an important solvent for fats, oils, waxes and gums.

Farmers can not expect increased yields from radioactive materials, tests in 1948 made with 18 crops in 14 states indicate.

One process of obtaining nitrogen for industrial applications consists of burning the oxygen of air with hydrogen, leaving nitrogen as a residual gas.

What is known as the Klamath weed, common in the Klamath Valley, California, causes the white-skinned parts of the bodies of sheep that eat it to become sensitive to sunlight, with resulting blisters.

Benzene hexachloride, known as BHC, is an effective insecticide now widely used; the chemical was discovered over a century ago but was not used for bug-killing until a Frenchman, eight years ago, noted that it destroyed clothes moths.

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