

• New Machines and Gadgets •

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⚙️ **BOAT CLAMP** keeps the fisherman's casting rod in position during trolling. Molded of polyethylene plastic, it is designed to grip the boat rim without the need of screws or bolts. A loop off the inboard side carries rods parallel with the gunwale after fishing.

Science News Letter, March 10, 1956

⚙️ **BRAKE BLEEDING TOOL** enables one mechanic to do the job. The device consists of a standard bleeder hose, a two-way check valve and a claw-like fitting that locks in place. The one-man, automatic brake bleeder is for use on all cars.

Science News Letter, March 10, 1956

⚙️ **FINISHING SANDER** provides orbital motion for sanding with, against or across the grain and can provide coarse, medium or fine finishing for wood, metal, glass or ceramics. The home workshop tool weighs less than five and one-half pounds.

Science News Letter, March 10, 1956

⚙️ **REVOLVING FORK** to help spaghetti-eaters is the invention of a young Canadian. The prongs, mounted in a swivel-grip handle made of metal and plastic, are shown in the photograph. The fork can be kept



from revolving by tightening the swivel piece.

Science News Letter, March 10, 1956

⚙️ **HACK SAW FRAME** designed for close quarters work is of single-member construction. Its handle is made of butyrate plastic

molded directly onto steel. The tool can be adjusted to 10- or 12-inch blades. The frame is rustproof.

Science News Letter, March 10, 1956

⚙️ **SUBMERSIBLE PUMP** is made of nylon and stainless steel instead of brass. Available in 1/2, 3/4, 1, 1 1/2 and 2 horsepower models, the pump capacities range up to 1,000 gallons per hour and pressures up to 80 pounds can be obtained.

Science News Letter, March 10, 1956

⚙️ **COLORED BANDAGES** for small-fry casualties and tiny tots wounded on the field of play come in red, green, yellow and blue. The plastic adhesive bandages are packed in individual sterile wrappers printed with a series of military service ribbons for collecting.

Science News Letter, March 10, 1956

⚙️ **TRANSISTOR KIT** is designed for electronics experimenters and hobbyists. The kit contains a manual of practical applications which lists 28 uses for junction transistors, two transistors of type 2N35 and a 1N34A general purpose crystal diode.

Science News Letter, March 10, 1956

Do You Know?

Efforts are being made to control the sea lampreys that are ruining commercial fishing in the Great Lakes.

The tree farm movement, started 13 years ago in western Washington, now has spread to 40 states, with 7,400 tracts totaling 38,000,000 acres certified.

There has been an average of 3,800,000 births annually since the close of World War II, with each of the past five years establishing new records.

A man in good health might be able to survive without water for a few days in a desert if he is only slightly active.

Approximately 16,000,000 persons in the United States suffer from some form of allergy.

At least 20%, perhaps as many as 25%, of all adults in this country today are overweight to an extent that may impair their health.

More than 185,000 acres of new farm land will be reclaimed in Japan by pumping out the sea water behind a dam in a project like that of the famous Zuider Zee.

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