

# • New Machines and Gadgets •

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⚙️ **BOOKMENDING KIT** contains all the essential tools and materials for binding magazines, notes or pocket-size paper books, as well as a plastic film coating for worn and torn hard-cover books. Instruction book illustrates how a complete book can be bound in an hour.

Science News Letter, December 18, 1954

⚙️ **TOURIST LOCK** is designed to hold the keys and chain in a leather pocket case when not in use. The chain is 18 inches long and is attached to a snap lock. The lock can be used by itself or with the chain to guard one or more pieces of luggage.

Science News Letter, December 18, 1954

⚙️ **DACRON PAINT-ROLLER** holds 27% more paint than the average roller. The plastic fleece cover of man-made fiber will not mat or wilt, and beveled edges permit closer rolling to baseboards and trims without smudging.

Science News Letter, December 18, 1954

⚙️ **ALL-STEEL DOORS** for double garages are 16 feet by seven feet and eliminate the need for a center post. Opening up and over, the steel is galvanized with a heavy zinc coat to protect it against rust.

Science News Letter, December 18, 1954



⚙️ **TODDLER CHAIR** stands 30 inches high and has a chrome frame, as shown in the photograph. Going modern, youngsters can now sit at the table in a sturdily built chair with plastic bucket seat. The seat is molded of a durable chip-proof butyrate plastic which is easy to clean.

Science News Letter, December 18, 1954

⚙️ **TAPE RULE** for the home carpenter as well as the professional is extra wide and extra long, and has a double scale, one providing inches and feet and the other, continuous inches. This flexible steel, pull-push rule is over 10 feet long and  $\frac{3}{4}$  inch wide.

Science News Letter, December 18, 1954

⚙️ **RIBBON-TIES ARE** ready made to snap around a gift package in five seconds. The plastic loop is stretched over one corner and then across the back of the package to be slipped over the diagonally opposite corner. The bows are heat sealed.

Science News Letter, December 18, 1954

⚙️ **SLIP-PROOF LIQUID**, a few drops of which are sprinkled on the dry surface of a bath or shower, is described as providing a thin chemical film that prevents slipping. Tested as harmless, the invisible safety film is removed with any ordinary household detergent.

Science News Letter, December 18, 1954

## Do You Know?

It takes 250 tons of water to make a ton of steel or a ton of sulfate wood pulp.

Only one human cancer, the rare *condyloma acuminatum*, is known to be caused by a virus.

One species of fresh water shrimp in southern Florida grows to a length of two feet.

The *chinchilla* is a South American rodent that was practically unknown in North America until 1923.

The throat and ears of a *beaver* are equipped with valves that voluntarily close when the animal dives under water and open when it surfaces.

*Scale*, one-quarter of an inch thick, deposited in the common three-quarter-inch pipe, reduces the flow of water to 11% of what it should be.

*Horses*, which became extinct in North America, were reintroduced by the Spanish in 1519, when they brought 16 horses with them from Havana.

When production of electricity from the atom reaches a total of 100,000,000 kilowatts, which for the free world may be near 1980, about 5,000 tons of uranium will be required annually for replacement on the basis of two percent burn-up.

Don't forget to make it

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