

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 683. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **RUGGED STOOL** is designed to help housewives hang pictures, reach shelves and put up curtain rods. It brings a man into better position for washing the top of his car. Made of steel, the stool is 10¼ inches tall, weighs 4.5 pounds, has rubber-tipped legs and a rubber-capped top.

Science News Letter, July 18, 1953

⚙️ **FISHING POLE** carrier clamps to the rain gutter of a car and accommodates from three to five rods or poles. The steel device has a protective covering to guard poles, rods and car from scratches.

Science News Letter, July 18, 1953

⚙️ **NOTE-FINDER** helps beginning piano students learn their way round the keyboard. The pocket-sized device has a printed facsimile of the piano keyboard, and a sliding panel which allows the user to frame notes in a viewing window. The reverse side of the card reveals the name of the note and the key. An indicator simultaneously points out the key on the miniature keyboard.

Science News Letter, July 18, 1953

⚙️ **ELECTRIC HAND** dryer for the home, shown in the photograph, works on the same principles as those now used commercially. Attached to the wall, the 9-x-7-



inch device uses household current and blows hot air for a minute before switching off automatically. It also can be set to run longer when hair is to be dried. A tiny ozone-producing bulb inside the unit adds a "clean smell" to the room, the maker reports.

Science News Letter, July 18, 1953

⚙️ **STORAGE BAG** for rifles is chemically treated to release a dry vapor that adheres to metal parts, protecting them from atmospheric humidity and corrosion, the manufacturer reports. Embodying the same principles used by the armed forces during World War II, the bag eliminates the need for greasing or disassembling the rifle for storage.

Science News Letter, July 18, 1953

⚙️ **"ENDLESS" HACKSAW** features a special construction that permits the user to saw through any amount of metal without being restricted by the usual hacksaw frame. The saw is said to be extremely useful when automobile wrecks or airplane crashes make it necessary to cut away large metal panels to free persons trapped in the wreckage.

Science News Letter, July 18, 1953

⚙️ **CHESS AND CHECKER** set comes in a small walnut-colored plastic case with a hinged lid which, when closed, keeps "men" in position on the playing field inside the case. Suitable for taking with you on trips or as a gift for servicemen, the set's chessmen and checkers are molded of red and ivory plastic.

Science News Letter, July 18, 1953

⚙️ **STAMP PAD** ink now lets you use office-type rubber stamps successfully on most plastics. The new ink is said to dry quickly and to adhere without chipping or rubbing off. It also works well on paper and lacquer-coated objects, the maker reports.

Science News Letter, July 18, 1953

THE CHEMISTRY WE USE

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7-18-53

Do You Know?

Giant clams on the barrier reefs off Australia commonly reach 3.5 feet in length and weigh almost 400 pounds.

There is no group of fishes officially called "sardine"; the U. S. herring, the menhaden and the European pilchard are the small fishes that usually fill sardine cans.

Milk offers more food for the money than many available food materials.

Twenty-five fire watchers in towers scattered through Idaho and Montana are serving as part-time cloud and weather observers to provide data that may help reduce lightning fires.

Termites live in self-contained communities; one of their mounds found in Northern Rhodesia was 20 feet high and at least 40 feet in diameter.