

• New Ideas and Gadgets •

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⚙️ **AUTO LOCK** is a small pocket-size hydraulic device that locks all four wheels of a car, the hood and ignition, making the automobile safe from theft and from the possibility of accident due to brake failure. The lock is controlled from the dash by a bank security type key which is tamper proof. It can be installed in all models of cars, trucks or trailers.

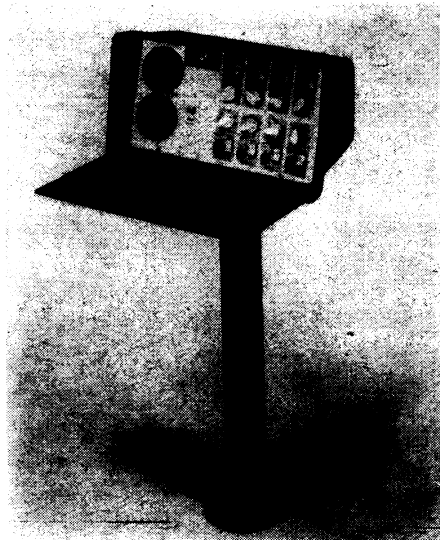
• Science News, 89:280 April 16, 1966

⚙️ **GLOVE POLISHER** for silver, chrome and other metals, leaves hands and nails clean after polishing is done. The cleaning substance is impregnated into the gloves and lasts as long as the fabric is intact. Designed with forefinger and thumb left free, they are easy to manipulate. The gloves never need washing and improve in effectiveness with use.

• Science News, 89:280 April 16, 1966

⚙️ **TELEPHONE AMPLIFIER** saves time and leaves hands free when making a telephone call. Allowing a two-way telephone conversation with anyone in a room, the amplifier is suitable for business conferences and other gatherings. The device is also useful to the physically handicapped or persons hard of hearing. The transistorized unit needs no installation. The receiver is simply laid on a cradle equipped with a volume control knob.

• Science News, 89:277 April 16, 1966



⚙️ **SPRINKLER CONTROLLER**, shown in the photograph, is an electronic device that offers completely automatic sprinkling of turf, shrubbery and garden areas. The device has eight separate stations that can be present for automatic sprinkling on schedules that are independent of each other for watering intervals from one to 14 days. The unit is enclosed in a lockable aluminum cabinet 12x8x8 inches in size and operates on household current.

• Science News, 89:280 April 16, 1966

⚙️ **NEW LOBSTER SHEARS** will readily cut through the toughest of lobster shells making lobster eating for the home diner easier. The shears which have fine pointed blades, cut the joints wide open, allowing the consumer to pick out the meat neat and clean and in one piece, thus eliminating the need to retrieve bits of meat from shelled-in places.

• Science News, 89:280 April 16, 1966

⚙️ **CHART KIT** saves time and energy for industry and sales people. The kit, which allows quick assembly of charts with ready-to-use materials, a ruler, razor blade and glue, contains almost any common type of chart in various sizes in colors and in black and white. The unit also includes tabs for years, months, figures and ready-ruled chart boards 15x20 inches in size. No special training is required.

• Science News, 89:280 April 16, 1966

⚙️ **TELESCOPING SUPPORT ARM** for laboratory clamp set-ups is constructed of lightweight chrome-plated brass tubing. The stretchable arm permits expansion from 7½ to 18 inches in length. Useful for supporting beakers, bottles, flasks, burets and other laboratory equipment, the arm is available in two models: one for securing to table, bench or shelf and the other for attaching to a support frame.

• Science News, 89:280 April 16, 1966

• Doctors Are Reading •

Asbestos Associated With Tumors

➤ **ASBESTOS** is under suspicion as a cause of tumors in the pleural membrane covering the lungs and the peritoneal membrane lining the abdomen.

About 500 reports of these types of tumors in asbestos workers have been received from South Africa, the United Kingdom, the United States, Canada and other countries.

Often the period between asbestos exposure and development of tumors is considerable—as long as 40 years—which explains why the association has been missed in the past, it was reported in *Lancet*, 1:530, 1966.

Ten years ago asbestos was definitely implicated in lung cancer. But now, because of action taken by the industry to reduce dust levels, this hazard has been nearly eliminated.

• Science News, 89:280 April 16, 1966

Two New Types of Pneumonia

➤ **TWO NEW** types of pneumonia have been identified by pathologists at Yale University.

Little is known about either, but one is apparently chronic and the other acute. Of four patients found with the acute type, three died within a month of the disease's onset. No name has yet been given to the disease nor is there a method of treating it, according to Drs. Averill Liebow and Charles B. Carrington, the scientists who found both pneumonias.

The other type called lymphocytic interstitial pneu-

monia (LIP), appears to be chronic. One patient has had it for nine years, and to date, six cases of LIP have been found. LIP is characterized by massive infiltration of lymphocytes in both lungs.

Both new pneumonias make breathing difficult. However, the unnamed variety also causes a bluish discoloration of the skin which has not been observed with LIP.

The *Journal of the American Medical Association*, 196:33, 1966, reported the Yale findings.

• Science News, 89:280 April 16, 1966

Kidney Saved by Radiation

➤ **A 14-YEAR-OLD BOY** in Los Angeles, who at age three lost one kidney due to cancer, kept the other for 10 years as a result of the cobalt 60 radiation treatment he received when he was four.

The word "cure" is rarely used in cancer reports, but Drs. Justin J. Stein and Willard E. Goodwin of the University of California Center for the Health Services in Los Angeles described this case, and other cases, of Wilms' tumor cured when both kidneys were involved.

Either conventional roentgen-ray therapy or cobalt 60 treatment used in connection with surgery have cured as many as 23% of children suffering from Wilms' tumor in one kidney.

The surgeons reported in *The American Journal of Roentgenology, Radium Therapy and Nuclear Medicine*, March 1966.

• Science News, 89:280 April 16, 1966