

# • New Ideas and Gadgets •

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⚙️ **GOOSE CALL** for hunter, camera fan or nature lover requires no blowing. Manipulated like a bellows, calls are sounded by expanding and contracting the device. With a little practice sounds of different pitch and intensity can be made to suit the need. Once the game has been attracted and attention held by the call, hands are free for aiming the gun, camera or binoculars.

• Science News Letter, 87:304 May 8, 1965

⚙️ **CORROSION CONTROLLER**, useful for industrial maintenance and the protection of tools, auto bumpers, instruments and other equipment, covers a surface with a transparent flexible film. The silicone resin coating is impervious to weathering and corrosive atmospheres, dries quickly, is nonflammable and will not discolor or crack. The coating is available in 16-ounce aerosol cans and in 1-, 5- and 55-gallon containers.

• Science News Letter, 87:304 May 8, 1965

⚙️ **ELECTRIC SOLDERING IRON** allows soldering to be done in a long series without breaks and risk of becoming cold. Shaped like a pistol and easy to operate, the iron can be worked with one hand. A replaceable reel containing 16 feet of 1/32-inch solder placed in the handle feeds solder through the replaceable tip that heats the solder as it is used. Tips are available in three shapes.

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⚙️ **COMPACT BUTANE TORCH**, shown in photograph, for homeowners, hobbyists or home laboratory has an adjustable dial for producing flames suitable for delicate jewelry jobs to blow-torch size requirements. The lightweight torch snaps onto a small fuel cylinder that serves as the handle. Versatile, it can also be propped upright for use like a bunsen burner or when both hands are required for working. An instruction booklet is included.

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⚙️ **AUTO CLOTHES RACK** provides wrinkle-free clothes for the traveler. Resting on the tops of front and back seats, the rack extends from front to back and slips into the coat hanger hook attachments. The rack, which can be mounted on either side, does not block the view out the rear window. Adjustable, it fits most cars and can be installed without special tools.

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⚙️ **WIRE-FORMING TOOL** suitable for home, workshop, factory, garage or kitchen can shape any wire or cold rolled rod up to 5/32-inch in diameter. Shaped like a can opener, the tool can make eyes with 3/16-inch inside diameters and is useful for designing a variety of materials, such as peg-board hooks, shelf hangers, drinking glass holders and shapes for mobiles. Aluminum and galvanized steel wires may be obtained separately.

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⚙️ **PANEL FLUORESCENT LAMPS** in color provide many design possibilities for home, office or industry. The panel lamps, 11 1/2 inches square, designed for both indoor and outdoor use, are compact and fit into a variety of places, such as beams and niches. Useful in hallways, bathroom, kitchen, lobbies or any other desired location, the color lamps are about 95% as efficient as white panel lamps.

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# • Doctors Are Reading •

## Natural Cancer Study Needed

➤ **GREATER CONCENTRATION** on study of natural cancer in animals would perhaps have more effect than the presently emphasized methods of inducing cancer artificially, Dr. Albert B. Sabin, developer of the first live-virus polio vaccine, said in *Medical World News*, 6:73, 1965. Cattle lymphoma is one type of cancer that occurs naturally.

Dr. Sabin, professor of research pediatrics at the University of Cincinnati College of Medicine, Cincinnati, Ohio, said the injection of cancer into laboratory animals presents "new factors that do not apply to the natural hosts of these cancers."

We have been misled to a large extent by the experimental data by which virologists have produced cancers with certain viruses in some newborn animals, he added, explaining that "we have no evidence that the same thing takes place in natural conditions."

He also said a different approach is needed to cultivate the virus that causes hepatitis, and dismissed the idea of a vaccine against the common cold.

## Millions of Children Suffer From Allergies

More than three and a half million children suffer with some form of allergic disease, a prominent pediatrician in New York said in *Medical Times*, May 1965.

"Over one million children under 15 years of age are afflicted with bronchial asthma," Dr. Vincent J. Fontana, director of pedi-

atrics, St. Vincent's Hospital and Medical Center of New York, said.

Many of the adult allergic population begin having symptoms during childhood, he pointed out. If allowed to persist, there is a definite tendency for allergic diseases to become more complex with time.

The pediatrician divided bronchial asthma into three main types: 1. The noninfective or "extrinsic"—inhalants, food or drugs are the allergens. 2. The infective or "intrinsic"—usually associated with bacterial or viral infection. 3. The mixed type—infectious elements plus inhalants and/or foods.

Treatment of symptoms by drugs or other methods, search for causes and alleviation of anxiety in both parents and child are among the practical suggestions Dr. Fontana gave.

## Dwarfing Affects Three Generations

Six members of three generations of one family have been reported dwarfed, with stiff joints and other abnormalities. Two physicians of the Harvard Medical School and Massachusetts General Hospital, Boston, said in *Archives of Internal Medicine*, 115:398, 1965, that such cases are rare in the North American literature.

The researchers, Drs. W. Tabb Moore and Daniel D. Federman, who worked under a grant from the National Institutes of Health, U.S. Public Health Service, said the "pedigree suggests an autosomal dominant pattern of inheritance."

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