

• New Ideas and Gadgets •

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⚙️ **LABORATORY CLAMPS** made of a special high temperature aluminum alloy with a melting point of 1,100 degrees Fahrenheit are three-fingered and extremely versatile. The jaws, vinyl or asbestos covered and designed to maintain three-point contact, will hold irregular-shaped objects up to 3½ inches in size in a vise-like grip. The clamps, in four different models, are easily adjustable to the desired angle and will not rust, bend or crack.

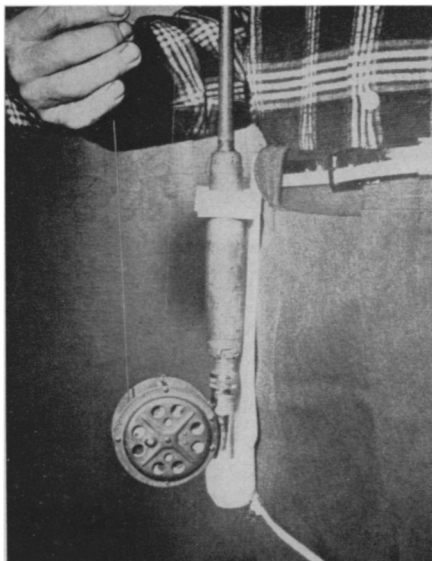
• Science News Letter, 84:304 Nov. 9, 1963

⚙️ **NATURE MAPS OF CALIFORNIA** showing mammals, birds, reptiles, plants, fish and invertebrates native to that state, are useful to students of natural history. Each chart, 42 x 25 inches in dimension, contains data such as size, feeding habits and special characteristics of the state's plant and animal life with a terrain map to help in locating habitats. Five maps folded into 9½ x 12½ inches are included in each set.

• Science News Letter, 84:304 Nov. 9, 1963

⚙️ **FIVE-BULB FLASH GUN** that advances itself automatically allows the photographer to take five flash pictures in succession without changing bulbs or adjusting the flash gun. Compact and weighing only seven ounces, the flash gun has an adjustable mounting and will fit any camera that has a standard flash socket. By pushing a red button on the device, the bulbs can be tested without actually firing them.

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⚙️ **FISHERMAN'S ROD HOLDER**, shown in photograph, serves as a third hand, allowing the fisherman to use both hands freely. The holder fastens over the belt keeping the rod securely off the ground. The fisherman can change lines, flies, leaders or bait unhampered. Made of durable unbreakable plastic in yellow or green, the holder floats and will not rust or corrode.

• Science News Letter, 84:304 Nov. 9, 1963

⚙️ **NEW ADHESIVE SEALANT** for bathtubs, sinks and tiles is made of pure silicone rubber and is said to last for 10 years or more. Applied from a tube with a cone-shaped attachment that can be cut to the desired opening, the soft white paste after application solidifies to a solid durable elastic rubber that is heat resistant, will not crumble, shrink, chip, harden or crack. Strongly adhesive, it produces a waterproof seal.

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⚙️ **MILKY WAY MODEL** for schools and students is a transparent three-dimensional model that makes it easier to study the basic relationship between the earth and stars and the gaseous regions that form our galaxy. Fifteen inches in diameter, the model shows the positions and names of the spiral arms as well as the sun and major star clusters. An illustrated manual accompanies the model.

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⚙️ **NEW WEATHER INSTRUMENT** shows the temperature humidity index (THI) or discomfort index, in addition to room temperature and relative humidity. Automatically calculated from the temperature and humidity index, the THI is read directly from the hand on the dial face. Designed for hanging on the wall or for desk use, the instrument, available in three colors, is lightweight and of modern design.

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• Doctors Are Reading •

Cause of Facial Pain

➤ **PAINS IN THE FACE** are not always due to sinus trouble, a report in the Journal of the American Medical Association, 186:291, 1963, stated.

It is commonly assumed that sinusitis is to blame for headache and facial pain, but Dr. Francis I. Catlin of Johns Hopkins University School of Medicine, Baltimore, reported research by various scientists that indicated many causes, running the gamut from bad teeth to heart trouble.

A study of 1,000 headaches in servicemen showed that sinus was implicated in only 12% of the cases. Facial pain is a common affliction but should be carefully diagnosed, Dr. Catlin said.

Accident Patients Keep Symptoms

Accident patients often hold onto their symptoms for psychological reasons, Drs. Robert C. Behan and Alexander H. Hirschfeld of Wayne State University, Detroit, reported in the second of a series in JAMA, 186:444, 1963.

They illustrated their point with one case in which a young bride and her husband had sexual difficulties on their honeymoon. Worrying about this resulted in her husband running their automobile into a train.

His solicitude over his wife's injuries improved their relations, however, so she held onto her symptoms as a way of adjusting their problems.

Body Odor Rare in Children

A Florida physician was told in the questions and answers section of JAMA, 186:444, 1963, that body odor in children is rare, but when it does occur, the "use of a pleasantly scented germicidal soap" can help.

Daydreams Can Come True

Chronic daydreamers can make their dreams come true, a team at Columbia University Institute of Psychological Research, New York, believes. Less than one person out of ten never daydreams. The scientists base these statements on a study of daydreaming in hundreds of men and women of various ages from various walks of life.

The study by Jerome L. Singer, reported by John E. Gibson in Today's Health, 41:43, 1963, showed that "frequent" daydreamers are ahead of others where creativity, resourcefulness and capacity for original thinking are concerned.

Delusions Involving Bugs

Emotionally disturbed persons sometimes report that they have live organisms, such as mites or insects, on the skin. This symptom, which also includes imaginary biting, is called "delusions of parasitosis," two Los Angeles scientists said in JAMA, 186:444, 1963.

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