

• New Ideas and Gadgets •

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⚙️ **SPORTS CHAIR** includes a cold chest and tackle drawer under the seat. Built for rugged outdoor use and suitable for fisherman or camper, the chair has a frame of heavy-gauge, rectangular tube aluminum and sits steady on land or boat deck. The back of the chair folds up compactly for storage or packing in a car trunk, forming at the same time a handy carrying handle.

• Science News Letter, 88:80 July 31, 1965

⚙️ **HIKER'S PACK**, made with a two-inch bellow clearance, has a built-in "A" frame that helps distribute weight evenly and reduce fatigue. The waterproof pack of cotton canvas, 21 inches high, 17 inches wide and 5 inches in bottom depth, weighs four pounds. It has a zipper closure inside the cover flap, two roomy side pockets, a center pocket and plastic bottom for long wear.

• Science News Letter, 88:80 July 31, 1965

⚙️ **INSECT REPELLENT TOWEL-ETTES** that provide immediate protection against mosquitoes and other insects come individually packaged and sealed in foil. To use, the tiny towel, which is saturated with repellent solution, is removed from the packet and wiped over the exposed skin. The handy packets may be carried in purse or pocket for instant use. The repellent will not dissolve common plastics or nylon.

• Science News Letter, 88:80 July 31, 1965



⚙️ **RIVETING KIT**, shown in photograph, allows the do-it-yourselfer to repair appliances, lighting fixtures, garden tools and toys quickly and easily. The kit contains 1/8-inch and 3/16-inch beam aluminum rivets in several lengths suitable for fastening sheets from thin to 3/8-inch in thickness. The riveting is accomplished from one side of the work in a single operation.

• Science News Letter, 88:80 July 31, 1965

⚙️ **SPRINKLER 'SHOCK' ABSORBER** helps farmers and gardeners reduce wear and tear on their home automatic lawn sprinkler systems. The unit, weighing less than one pound, consists of an aluminum shell containing a rubber bag filled with air or nitrogen. The surges of water enter the unit through a simple valve and then the water is eased back into the water line by the pressure of the bag, eliminating the damaging line shock.

• Science News Letter, 88:80 July 31, 1965

⚙️ **CUTLERY KNIVES** that stay sharp for 10 to 20 years or more, are made of high carbon cutlery steel rather than stainless steel. Plated with chrome to prevent staining, the cutting edge is naked hard carbon steel. The hard smooth handles, made of laminated wood, resist warping and dulling even in boiling water. They are available in a set of four with magnetic rack or separately.

• Science News Letter, 88:80 July 31, 1965

⚙️ **JAR CAP REMOVER** opens all screw-type caps from 3/8 to 4 1/2 inches in diameter with minimum effort, its built-in leverage principle multiplying the strength applied by the hand many times. Made of strong nickled steel, the adjustable opener can also be used to lift vacuum sealed caps and tops of soft drink bottles.

• Science News Letter, 88:80 July 31, 1965

• Doctors Are Reading •

Cholesterol, Artery Hardening Poorly Related

► **THE AMOUNT** of cholesterol in the diet has "poor" relationship to atherosclerosis, a type of artery hardening in which the inner lining is filled with fatty material, research on roosters has shown.

Although low-protein diets, either with or without supplementary cholesterol, cause high levels of cholesterol in Leghorn roosters, researchers report a reduction in the severity of abdominal atherosclerosis.

The coronary arteries of the roosters, however, showed markedly greater severity of atherosclerosis among those on normal protein intake than for those on the restricted protein diet.

In the fowl, the investigators explain, coronary atherosclerosis is generally less severe than atherosclerosis found in the abdominal aorta.

Drs. Hans Fisher and P. Griminger of the department of animal sciences, Rutgers University, New Brunswick, N.J., and Dr. W. G. Siller of Edinburgh, Scotland, reported the findings in *Nature*, 207:329, 1965.

"We think a higher level of blood cholesterol may be mobilized under certain diet conditions without being abnormal at all," Dr. Fisher told SCIENCE SERVICE.

Bee Sting Shots Given Less Often

Allergic persons who lose consciousness or go into convulsions when they are stung by a bee, wasp, yellow jacket or hornet can

be cheered by a report that they may be able to take "hyposensitizing" injections at longer intervals.

Dr. Halla Brown of the George Washington University School of Medicine in Washington, D.C., reporting in *Medical Annals of the District of Columbia* 34:315, 1965 has found that gradually increased doses of insect extract needed can lead to taking shots every four months instead of every three or four weeks.

Twenty patients tolerated gradually increased doses of insect extract until three of them could take 5,000 protein-nitrogen units (PNU) at intervals of 16 weeks. Seven of the group tolerated this dosage at intervals of 14 weeks and 10 at 10-week intervals.

"Most patients reached the 12- to 16-week interval by the third year," Dr. Brown said.

Whether these patients are protected can be determined only by a sting, preferably in the latter part of the interval between injections.

Books in Large Type to Help Four Million

Good books of general interest in large type are being made available for the first time to more than four million persons who cannot read conventional type.

Profiles in Courage, by the late President John F. Kennedy, is the first of the 18-point-type books to be published by Franklin Watts, Inc., a division of Grolier, Inc. The library net price in most cases will be between \$4.00 and \$5.00, but editions will be offered to booksellers at appropriately increased trade list prices, the *Sight-Saving Review* 35:104, 1965, stated.

• Science News Letter, 88:80 July 31, 1965