

• New Ideas and Gadgets •

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☛ **SNAP-ON SUNGLASSES** that double as safety glasses come with adjustable parts. The nose bridge, lenses and temples made of strong lightweight plastic can all be adjusted to fit the wearer, while the non-shattering lenses available in clear, gray, green or amber, can be interchanged for work or sports as needs indicate. The contoured design of the glasses protects the eyes on all sides.

• Science News Letter, 88:368 December 4, 1965

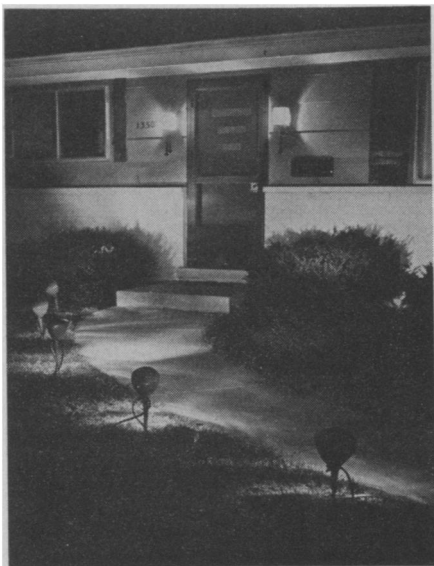
☛ **AUTO TISSUE DISPENSER** that attaches to a rear view mirror bracket holds tissues firmly in place and within easy reach but out of the way. The lightweight plastic dispenser, which fits most makes of cars, holds the box of tissue upside down so that the car occupant can reach up and draw out tissues as needed.

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☛ **STRAINER FOR PUMPS** prevents abrasive material from clogging valves in an electric bilge pump. The device which can be installed anywhere on the intake line is made of clear plastic allowing the user to observe the non-corrosive strainer inside which collects the small particles that pass through the bilge foot valve. The unit can be easily removed for cleaning.

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☛ **OUTDOOR LIGHTING SYSTEM**, shown in photograph, consists of safe low-



voltage lights usable in all types of weather. The 12-volt sealed beam lights which are secured in the ground by attached spikes, require no special installation or permanent underground wiring and can be readily moved from place to place. Useful along walks, steps or patio, the lights come in sets of three or six with plastic-coated cable and transformer for converting the regular 110-volt household current.

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☛ **SLIDE SORTER** allows the user to edit or view a full roll of color slides easily and at a viewing angle that is adjustable. The face of the sorter is molded of white translucent plastic with five shelves to accommodate a full roll of slides. Light is provided by a 40-watt household lamp behind the panel. The sorter can be used on table, shelf or as a display hanging from the wall.

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☛ **PORTABLE INFRARED HEATER** for use in loosely insulated or open places, such as farms, sports and yard areas, garages and workshops, provides a fast simple heat source. The burner which comes with hose, regulator and valve for use with liquefied petroleum gas, has a manual control system and fits standard supply tanks available nationwide. The infrared energy warms the person directly, minimizing heat waste.

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☛ **LEAF LOADER** for holding leaves, weeds or shrubbery clippings is made of strong lightweight burlap about 6½ feet square. The loader is spread flat on the ground to collect the leaves and other materials, and when filled, three of its corners are pulled over the debris and through the metal ring on the fourth to form a neat and easy-to-carry bundle. It folds compactly for storage when not in use.

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• Doctors Are Reading •

Diabetes Diagnosed Wrongly in Many

➤ **MORE THAN A MILLION** persons in the United States thought to have diabetes actually have primary aldosteronism, a University of Michigan physician reported in Boston.

Dr. Jerome W. Conn said many misdiagnosed patients have the adrenal gland disorder called primary aldosteronism, primarily the result of a hormone imbalance caused by a tumor. The tumor can be surgically removed, thus curing the trouble.

Dr. Conn reported his findings at a special meeting of the New England Diabetes Association in Boston. He is considered the world's foremost authority on primary aldosteronism.

Dr. Conn's work, supported by the U.S. Army Medical Research and Development Command as well as by grants from the U.S. Public Health Service's division of research facilities and resources, was reported in *The New England Journal of Medicine* 273:1135, 1965.

Typhoid Vaccines Unnecessarily Reactive

Typhoid vaccines now in general use contain killed paratyphoid organisms which increase the severity of reactions to the vaccine without adding to the protection afforded by the killed typhoid organisms alone. The standard vaccines can cause severe local pains and slight fever.

Although the experience of the U.S. Army and controlled trials conducted in British Guiana, Poland, U.S.S.R. and Yugoslavia have

demonstrated the effectiveness of typhoid vaccines, a parallel effectiveness for the paratyphoid antigens present in most of the vaccines has not been established, according to *The Medical Letter* 7:97, 1965.

Paratyphoid is an intestinal infection which resembles typhoid in some of its symptoms.

Blood Clot in Lung Common Cause of Death

Though pulmonary embolism, or blood clot in the lung, appears to be the single most common cause of death, especially for hospitalized persons, the method of treatment remains controversial.

Dr. Duncan P. Thomas of Tufts University School of Medicine in Boston says that the great majority of patients suffering from massive pulmonary embolism either will die before any therapy can be administered or will respond to prompt and vigorous medical therapy.

Venous ligation, or tying off of a blood vessel, "has a definite place in the therapy of pulmonary embolic disease," Dr. Thomas said in the *New England Journal of Medicine* 273:885, 1965. "However, there is general agreement that in the patients who cannot tolerate anticoagulants, or in whom blood clots in the lung continue to occur in spite of adequate anticoagulant therapy, Dr. Thomas said vena-cava ligation is the treatment of choice.

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