

• New Machines and Gadgets •

For sources of more information on new things described, send a self-addressed stamped envelope to SCIENCE NEWS LETTER, 1719 N St., N.W., Washington 6, D. C., and ask for Gadget Bulletin 957. To receive this Gadget Bulletin without special request each week, remit \$1.50 for one year's subscription.

⚙️ **COLOR-SOUND MACHINE** reproduces music into dancing colors. It plays from records, tape, radio, television sound, public address systems, piano and electronic organ. Units come in large sizes that project animated colors on entire walls and sizes that can be built into custom cabinets matching other furniture.

Science News Letter, October 18, 1958

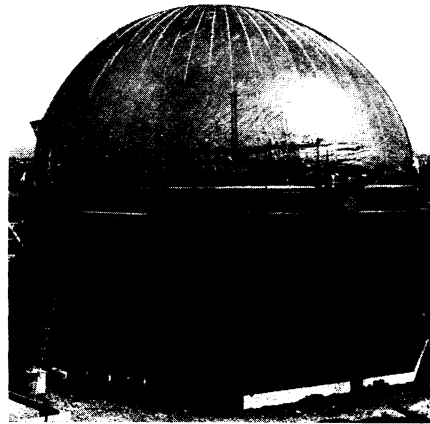
⚙️ **PHOTOGRAPH KIT** makes photo-prints from negatives on paper, cardboard and cloth. A drop of treated fluid is spread on the object to receive the print and the negative is placed in position. A piece of glass is clipped over the negative and it is exposed to sunlight or photo-flood. The negatives are not damaged.

Science News Letter, October 18, 1958

⚙️ **PAINT REMOVER** conditions wet brushes so that they may be washed out in water. The fluid helps remove enamel, varnish, oil and latex paints. If the paint is hardened, the brush is kept in the fluid a few days, then the paint is worked out by hand and the brush is rinsed in water.

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⚙️ **PLASTIC DOME** is inflated like a balloon. Made of polyester film, it can be installed in less than two hours. The dome,



shown in the photograph, is intended for such uses as covering construction crews in rainy weather, greenhouses, swimming pool covers and temporary office shelters.

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⚙️ **TARNISH-ABSORBING CRYSTALS** remove the tarnishing elements from the air that discolor silver pieces, thus cutting down on silver polishing. Stored in a jar, the tiny blue crystals absorb the tarnish

elements and turn a pink color. Blue color and anti-tarnishing properties are restored by placing the jar in a moderate oven for a short time.

Science News Letter, October 18, 1958

⚙️ **HEAT-MASSAGE PILLOW** is designed to provide therapeutic heat or a vibratory massage or both at once. It works on 115 volts, 50 watts A.C. only, and has a four-position switch. It is covered with corduroy in red, gold, blue, brown, green or black.

Science News Letter, October 18, 1958

⚙️ **MECHANICAL UNIVERSE** reproduces changes in the sky as seen from any location on earth. Used as a teaching aid, the instrument can determine the path of the sun at any time, length of nights and days, times of sunrise and sunset, time relationships between any points on earth, positions of stars, and various other astronomical facts.

Science News Letter, October 18, 1958

⚙️ **CLASSROOM GYROSCOPE** operates on 110 volts and turns at 150 rpm. It is 22 inches high, 14 inches wide and weighs 32 pounds. The precision-built instrument is intended for use in schools, colleges and industry for studies of physics and such other fields as space navigation.

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Nature Ramblings



By BENITA TALL

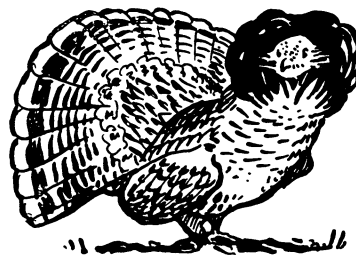
Bird Dogs

➤ HUNTING has changed. A few generations ago the hunter supplied his household with meat. If he did not "bag" several ducks or rabbits or get a deer, the hunter could only put the day down as a failure.

Today, however, this attitude toward hunting has changed. It is still one of the top outdoor activities, but no one has to hunt for his dinner. The hunter can go and relax, enjoying the recreational values in hunting.

And one of the best aids to enjoying the hunt is a good dog.

No matter what game the hunter chooses there is a dog that has been selectively bred so that he is well-equipped for hunting that particular game animal. Hound, setter, pointer, retriever—they each have special abilities that make it possible for the hunter to choose the best dog for him.



English setters and pointers are usually the first in popularity when it comes to hunting pheasants, quail and grouse, the upland birds.

Hunting with a hard-working dog offers many thrills. Perhaps none is so great as when a pointer comes to a stiff-legged stop and, with tail held high, points out the hidden quarry. Or, if a different kind of

action is desired, hunting with a beagle may be more to the hunter's liking.

These small hounds do not find and mark the game for the hunter. Instead the beagle chases it down, calling to the hunter all the time. A beagle can sniff out the game, often a rabbit, from the densest kind of underbrush or cover.

A good retriever can be a big help to the hunter and to wildlife.

By bringing in a crippled duck, for example, the dog saves it from what could be a slow, painful death. By retrieving these birds, he also saves other birds from being taken in order to fill the hunter's quota.

Just as important is the fact that the retriever actually enjoys plunging into an autumn-icy lake and bringing back the game. The hunter can stand by, dry, or reasonably so, and comfortable, enjoying the day, the hunt and his dog.

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