

PROTECTS AGAINST WATER DAMAGE

Device Shuts Water Off If Pipe Springs Leak

A broken or leaky water pipe or hose can do a lot of damage, particularly if you're away on vacation or for the day.

To help prevent such damage, Linke Mfg., of Denver, Col. has developed the new Waterguard. When its sensors detect a trickle of water, the device automatically closes a valve in the main water line, keeping it closed as long as water is present.

The company recommends placing the sensors under dishwashers, water heaters, sinks and anywhere else a potential water problem exists.

"Humidity and extremely cold weather don't affect the sensors," says Carle Linke, sales manager. "Just one teaspoon of water is enough to complete the circuit and shut off the water. The amount of water that it takes to trigger the alarm could be increased by placing the sensors off the floor on a piece of wood, or on a brick."

"The unit is fairly easy to install," notes Linke. "A solenoid valve installs in the existing water line. To install, shut the water off, cut the pipe apart and install the valve. You can also install the solenoid in branches off the main line, such as above a water heater.

The solenoid plugs into a control-



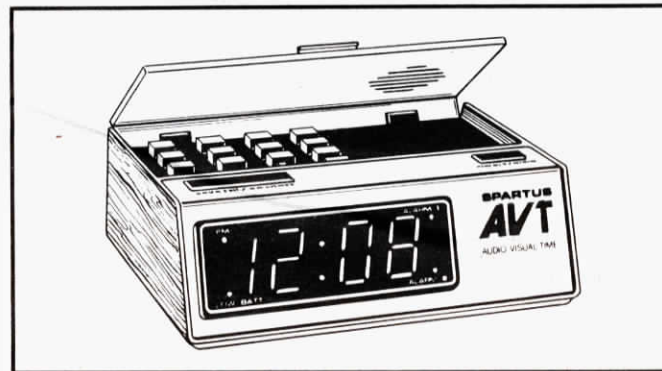
Kit includes solenoid valve which installs in existing water line.

ler switch which plugs into a 110 outlet. The sensors wire to the controller switch with 18 ga. wire.

The sensor is a 2½ in. by 3 in. piece of plastic with two, ¼ in. pieces of metal inserted that act as the actual sensors. Water touching both metal pieces automatically shuts the solenoid valve. When the water no longer completes the circuit, the valve opens.

Additional sensors cost \$5.90.

For more information, contact: FARM SHOW Followup, Linke Mfg. Co., P.O. Box 59, Contract Station #27, Denver, Col. 80215 (ph 303 237-7531).



SPEAKING VOICE GIVES EXACT TIME

Talking Alarm Clock

A few years ago electronic clocks that did everything but talk came on the market. Now, they even talk!

The just-introduced AVT (Audio Visual Time) is made by Spartus. The clock can be programmed to tell you the time and the date in a clear, distinct voice. It also can be set to chime the quarter hour, half hour, and hour.

The Spartus is also an alarm clock with all the old and new features you could ever want. The alarm starts softly, then increases in volume. If you oversleep, the alarm repeats every nine minutes. You can set the time forward or backward and, after it

is set, the clock announces the setting to be sure it is correct.

For two people who share the same clock but get up at different times, the clock has separate "his and hers" settings. In case of a power failure, a battery reserve keeps the time and alarm functioning.

The Spartus is being introduced in leading department stores. The AVT model has a suggested retail price of \$37.25.

For more information, contact: FARM SHOW Followup, Spartus, P.O. Box 1200, Skokie, Ill. 60076 (ph 312 674-4500).

BLINKING LIGHT "REALLY WORKS"

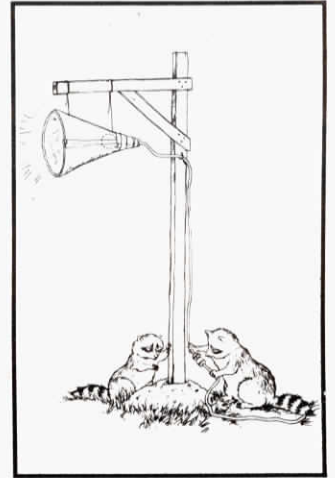
Build Yourself A "Sure Fire" Raccoon Chaser

For years Frank Sawyer of Wells, Maine, had to share his corn crop with marauding raccoons. Because his garden is in a field surrounded by woods, and because a small river — a natural thoroughfare for raccoons — passes only 250 feet away, he could count on being raided by the ringtails as soon as the corn ripened. That doesn't happen any more, though, not since Sawyer devised a gadget that he guarantees will keep the coons out of the corn.

"Stated simply," Sawyer says, "my protective device is a blinking light directed down the rows of corn. The light shining through the cornstalks gives a ghostly illusion of movement. I first tried a steady light, but after a few nights of study, the coons discovered that a well-lit field is even easier to raid than a dark one. Then I thought of a blinking light. In the ten or twelve years that I've used it, I've never lost an ear of corn, except when I left it off for two nights to see what would happen."

All you need to make a light like Sawyer's is a cardboard cone to protect the light bulb and socket, a blinker switch that can be obtained at any hardware store, an extension cord long enough to reach an outlet, and a post and scrap wood to support the light.

To make the cone, cut a semicircle with a radius of 11 or 12 inches from a piece of sturdy, noncorrugated cardboard. Roll the cardboard into the proper shape (see Figure 1). Open the cone again; coat the inside surface with shellac or any bonding agent; and affix a liner of aluminum foil, shiny side out. Roll the cone up again



and secure the seam with cement and tape. (If you don't roll the cone once before putting in the liner, you'll find it hard to make a neat job of it after the liner is in place.)

Waterproof the outside of the cone with a coat of varnish, paint, or shellac. Snip off the very tip and cut six slits long enough to let you insert a light socket. Fasten the socket in place by wrapping tightly with duct tape. Hang the light as shown in the drawing, shining down the center row of the corn patch.

"This device is a sure-fire cure to the coon problem" says Sawyer. "It would probably also work for people who have problems with deer. I just wish I could find an equally effective way to discourage the woodchucks."

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CAN ALSO BE USED AS PLANT STAND

Portable Patio Bar

New from Sydell Mfg. is a low-cost portable bar, with matching stools, for serving food and refreshments on your patio, porch, deck, or in your recreation room.

Made out of all-steel mesh wire, the portable bar has a 20 by 44 in. top (41.5 in. high). It's lightweight (70 lbs.) has adjustable legs and comes completely assembled.

"We went shopping and discovered the starting price for portable patio servers was right at \$400. Thinking there had to be a better and cheaper way, we designed this unit. It worked out so well, and so many people have asked for it, that we've now added the unit to our line," reports Delmar Lynch, designer-manufacturer.

The portable bar sells for \$210, and the matching stools for \$59 each. Each stool's 16 by 16 in. seat is



Portable bar is made out of all-steel mesh wire.

positioned 33 in. from floor level. When not in use for serving, the portable bar can be used as a plant stand, suggests Delmar.

For more information, contact: Sydell Mfg., Delmar Lynch, President, Rt. 1, Box 85, Burbank, So. Dak. 57010 (ph 605 624-9628).