




# PARK PRACTICE

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NUMBER 1

# Grist

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in cooperation with **DEPARTMENT OF THE INTERIOR, National Park Service**  
and **NATIONAL RECREATION AND PARK ASSOCIATION (AIPE)**





*Commentary—*

### PASS THE WORD — FOR PROFIT

An urgent call is out to every interested park employee for HELP. GRIST needs material for publication. Every effort is made to keep GRIST useful and worthwhile and to attain this objective in every issue, we need material from everyone who reads GRIST and derives useful information and workable ideas which he may have put to use in his own park.

GRIST needs items on interpretation, safety, operation, maintenance, and administration. Look around you for some labor-, time-, or money-saving devices developed in the past. You may have solved bothersome problems that are aggravating other park people. Your solution is needed for publication. In addition to helping someone, this small effort may turn into cash for you.

National Park Service employees are eligible for a \$25 award if their idea is considered original, time- or money-saving, or contributes to better safety practices. Non-Federal employees are eligible for the three awards of \$25, \$50, and \$100 made each year by the National Conference on State Parks.

In submitting your ideas, follow these suggestions:

- 1.) Each idea should be submitted on a separate piece of paper. Because an article is written on each idea, they must be catalogued individually, a procedure difficult if several ideas are entered on one sheet.
- 2.) Give all the information essential to the story. If the idea is to be illustrated, be exact with statistical figures. Give all the dimensions. Include the name and title of the person contributing the idea along with the name of his organization and location.
- 3.) Send along any sketches or photographs which may help to illustrate your idea. Don't be concerned with a finished drawing; all we need is a rough sketch with dimensions



## PARKMEN

- Check GRIST for the answer
- Give GRIST a better answer
- Always a gain for some parkman

from which a staff artist can make an illustration. Photographs should be glossy and black and white for better reproduction. Please do not staple, mark, or bend photographs.

- 4.) Don't be concerned with writing a finished article. All we need are the facts and figures and we'll take it from there. Your idea will be put to good use.

It's nice to see your name and the name of your park in print. Remember that an idea which you contribute may save someone many hours of work or a good sum of money. And it could be profitable for you in the form of a cash award.

—PC

### BEACH SUNSHADE

There are several features which make this beach sunshade, shown in the accompanying photograph, distinctive. First, the simplicity of the structure which supports the shade proper. The roof may be made of corrugated asbestos, fiberglass, or aluminum. Welded four-inch pipe furnishes the support. Stringers are of light I-beam or channel iron welded to the pipe plates.

A wood bench is suspended from a cast concrete brick wall which extends around the back from a drinking fountain on each end. Suspending the seat in this manner makes it easy to keep the cast concrete floor clean.

Two 30" bell and spigot clay pipes, bell end down, serve as trash receptacles in front of the shelter. Plastic liners may be used with these receptacles if desired.

The brick wall, drinking fountains, and trash receptacles are painted in attractive pastel color—thoroughly in keeping with the beach atmosphere.

This beach sunshade, located at Silver Strands State Park, in California faces the Pacific Ocean and affords mothers an opportunity to rest while keeping a watchful eye on children playing on the beach.



## PARK PRACTICE GRIST

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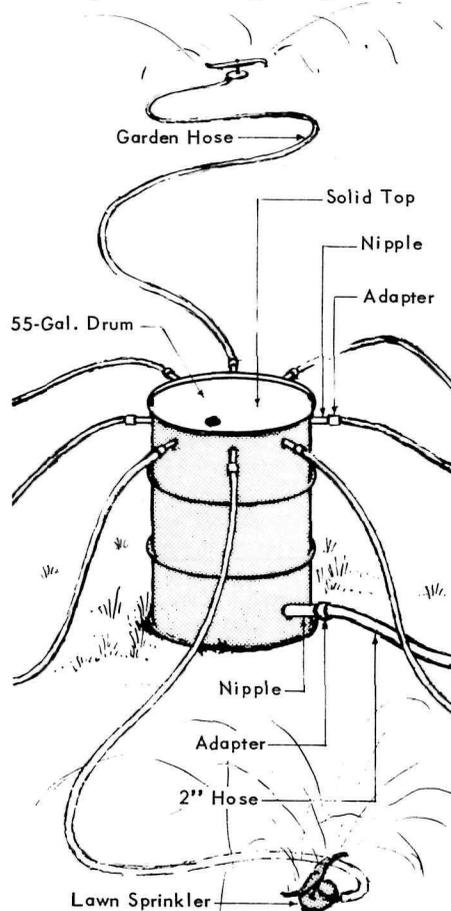
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To solve this problem of evenly spreading this volume of water quickly over a wide area, Flint and Langford invented what they call the "Octopus." It consists of a 55-gallon drum with both ends intact and with all bungs closed. On the side at one end of the steel drum they cut a hole and welded a nipple of 2-inch pipe to which the discharge line from the pump could be attached. Around the sides near the top they cut eight evenly spaced holes and welded eight 3/4-inch pipe nipples in them. The ends of the nipples were fitted with iron pipe to garden hose male connectors and to each of these was attached a twenty-five foot length of garden hose.



## A UNIQUE WATERING DEVICE

George T. O'Malley, Jr., Assistant Director of Parks and Recreation for the State of Colorado, sends us an idea developed by Everett Langford and W. H. Flint at Sweitzer Lake State Recreation Area near Delta, Colorado.

Water from the lines at Sweitzer Lake, which comes from the city of Delta, is



too expensive to use in watering lawns. Instead, water is taken out of a lake by means of a centrifugal pump having a two inch discharge line. If used directly to water lawns, the two inch stream would be too heavy, wasteful, and might start erosion.

Each of the hoses extends outward from the barrel and a sprinkler is attached to the end of each.

When the pump is started the barrel fills and water is evenly distributed to each of the eight lines thoroughly covering a uniform pattern which can be altered by

the varying placement of the eight different sprinkler heads.

It is pointed out that a centrifugal pump should be used to prevent an excessive pressure buildup in the full barrel. The outfit works very well, we are told, and the total cost of building this "Octopus" was less than \$35 not including the pump and the hose. The only expenditure was for the nipples, welding, hose adaptor couplings and the sprayer heads. They have found that two men can now do the watering job that formerly required six—and they can do the job better.

## PUBLIC USE TOOL RACK

Experience has shown that, for the most part, campers are pretty solid citizens. This is most evident in their desire to keep their campsites in a neat and orderly condition. Simply reminding them by word of mouth or posted notice that they should do this isn't always enough to keep the campground in a first class condition, for the camper may not have brought with him the tools and equipment with which to do the clean-up work.

Up at Isle Royale National Park in Lake Superior they have found that offering the tools—including brooms, rakes, shovels, and axes—results in the finest kind of co-operation on the part of the campers who show their appreciation by using such tools to good advantage. The men at Isle Royale have installed a post with a braced cross "T" from which the tools are suspended. The structure is surmounted by a sign

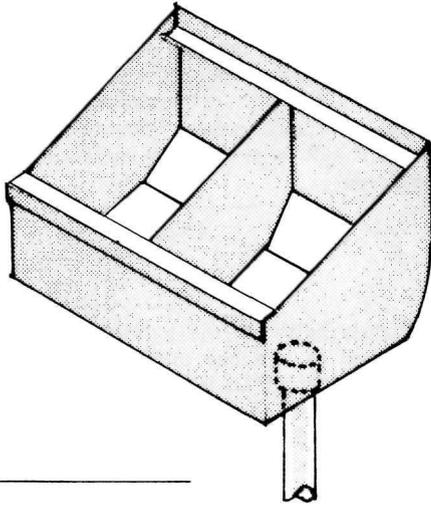


which reads 'For loan and return. Help keep your lakeside camp clean.'

We are advised that since the installation of these tools in this fashion, there has not been one case of theft of tools. Moreover, the campgrounds have taken on a much neater appearance.

## LONG LASTING URINAL

With a minimum of effort, durable pit toilet urinals can be made from gasoline saddle tanks commonly used on semi-trucks (See sketch). The suggestion was submitted by D. E. Ike, Manager, Rochester-Utica Recreation Area, Michigan.



## THREE BENCH CIRCULAR TABLE

Not all good picnic table ideas come from parks. Here is one we found beside the swimming pool at a Holiday Inn in Alabama. It might well serve in picnic sites in parks and recreation areas. Note that it is made of concrete with a slightly scalloped edge for esthetic effectiveness. The concrete table top rests on two concrete legs which are dovetailed into each other to make them stand erect. The center hole in the table top accommodates an umbrella pipe.

There are three sectional seats, also poured of concrete, curved in such a way as to permit conformity to the circular design of the table itself.

This is a very rugged table and most attractive. For additional effect, the table and benches might be painted in pastel



colors. As has been noted in the Maryland-National Capital Park System, picnic tables painted in pastel are usually cleaned off by the picnickers after use whereas the old heavy plank picnic tables stained brown are much less likely to receive a cleaning by the users.

# Speaking of Interpretation -

## "SPEAKING OF INTERPRETATION"

George B. Robinson, Chief Park Naturalist, Wind Cave National Park, South Dakota, writes that the 100,000 deaf-mute and partially deaf Americans have been ignored in most park interpretive activities. The American deaf, for the most part, live normal everyday lives, raise families, and take vacations. These people comprise a small but not insignificant percentage of the public which annually visit this country's parks, and yet, have been deprived of participation in our face-to-face interpretive activities, not because of their inability to understand but through our lack of skill in communicating with them.

While it is true that one always has recourse to a pencil and piece of paper, this is a cumbersome, time consuming and highly impersonal way of communicating with the deaf. Park employees have gone to great length to produce foreign language publications and A-V tapes for those visitors not fluent in English. Why then, not go a little farther and add an additional communications skill to our repertoire?

While stationed at Platt National Park-Arbuckle Recreation Area, George had the good fortune to be associated rather closely with the Oklahoma School for the Deaf in Sulphur. George says that at the 'expense' of a little time away from the television set and with the assistance of an exceptional gentleman who had been totally deaf for nearly 60 years, he became at least partially fluent in the 'language' of the deaf; an amazingly simple, yet articulate system of communication.

The American deaf communicate with one another by "finger spelling" with a single hand manual alphabet and by drawing on a large "vocabulary" of signs. Their system is not unlike that familiar to anyone who has seen any of a hundred cowboys and Indians horse operas on the silver screen.

George says that he has used the language of the deaf in presenting interpretive programs, ranging from illustrated talks to nature walks. "In each case they were well received, and most enjoyable for me," he writes. "I have found the deaf, particularly the children, to be highly intelligent, and to have active, inquisitive minds."

The State Associations of the Deaf produce quantities of 3"x5" cards imprinted with the single-hand manual alphabet. They are available free of charge on request. A

book called "Talk With Your Hands," by David Watson is available for about \$ 4.50. Information on where to purchase the book may be requested from any State Association. Classes in "fingerspelling and signing" are regularly conducted at state schools.

George suggests that interpreters would do well to investigate the opportunities for learning this additional communication skill. While the contacts may be few and far between, the investments in good will, and the knowledge that a handicapped person has left with a more meaningful and memorable experience will be great.

## FIELD INTERPRETIVE DISPLAY

"Gold is where you find it" is a time-worn maxim. We feel pretty much the same way about interpretation and poor, indeed, is the area which cannot present something to interest the visitor, and for his enjoyment. Perhaps it would be better to say that poor, indeed, is the area which does not have imaginative personnel capable of finding some natural feature or historic artifact for the public to wonder about.

Certainly the people at Fort Wilkins on the shores of Lake Superior in the Upper Peninsula of Michigan know that there is interest in even the most mundane article such as the mine bucket (or dibble) once used in the copper mining industry there. The wooden bucket, formerly used to haul copper ore to the surface up the vertical shaft, was resurrected and appropriately mounted on two logs beside the trail. A brief story about the early mining and its use is mounted on the bottom inside the bucket.

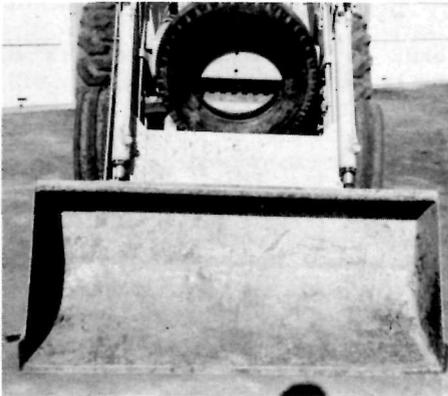


It is interesting to note how many visitors stop to examine this commonplace item of yesterday — perhaps it is reminiscent of the "Old Oaken Bucket that hung in the well."

## FRONT-END LOADER CUSHION

Paul W. States, Park Manager of Fall River-Toronto State Parks, Toronto, Kansas, points out that mounting a discarded tire to the cross member behind the hydraulic cylinders of a front-end loader it can serve as a cushion when the loader bucket is returned to ground level. It also cushions the truck bed when the loader bucket is raised to dump into the truck.

The accompanying photograph shows the position of the tire which is mounted to the cross frame by means of two bolts.



## JANITOR'S FRIEND

Miscellaneous small rubbish encountered while dust mopping can be quite annoying, particularly when you have no place to quickly dispose of it. Donald W. Nicol, Assistant Supervisor, Benicia Capitol State Historical Monument, California, found that "the small rocks, remains of sunflower seeds, and dead flies found on the floor while mopping were not pleasant in our pockets," and he couldn't see any need to carry around a small bucket or trash can to collect these little nuisances.

He solved the problem by affixing a small container to the lower part of the handle of the dust mop, and the result worked so well that he nicknamed his invention the "Janitor's Friend." Small rubbish can be dropped into the can and will not fall out while the mop is being used. When the mop is shaken outside, Don says that "the accumulated litter departs without further effort."

The container may be a small orange juice or similar type can, attached to the mop handle by straps, tape, screws, or any other convenient method. Locate container where it will be most handy and not hit the furniture.

## PICKUP TAILGATE RAMP

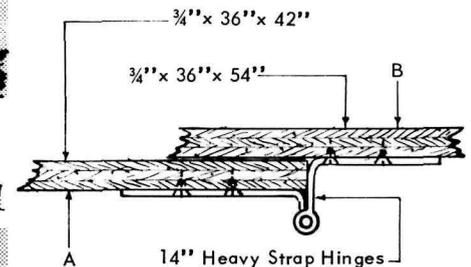
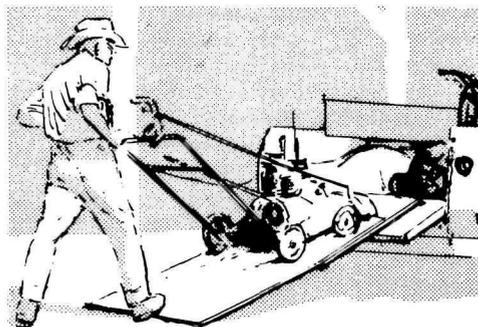
Heavy equipment is easily loaded onto a pickup when a ramp is handy, but moving a heavy ramp around all the time can be more trouble than moving the equipment. A California landscape gardener who got tired of loading and unloading a heavy power mower several times a week finally just simplified the whole operation by adding a ramp to the tailgate of his pickup.

The ramp is made of two exterior-grade plywood panels which fold out of the way when not in use. The first panel is per-

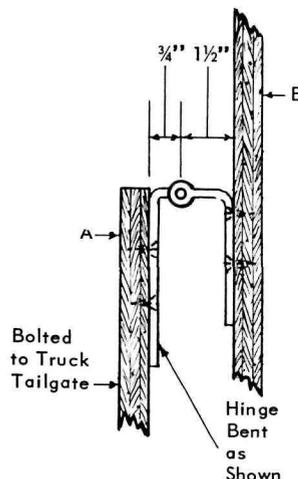
manently bolted to the inside of the tailgate and is attached to the second with two sturdy strap hinges. The hinge leaves are bent offset as shown in the sketch. The panels should be painted with a few coats of porch and deck paint for added protection.

The ramp is quickly loaded when needed. When not in use, the ramp is folded down, remaining upright but out of the way.

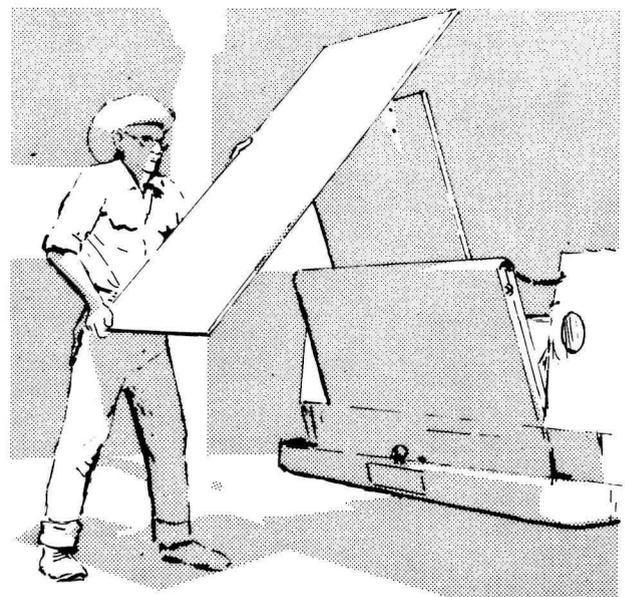
From Popular Mechanics, July 1967.



RAMP POSITION



TRAVELING POSITION



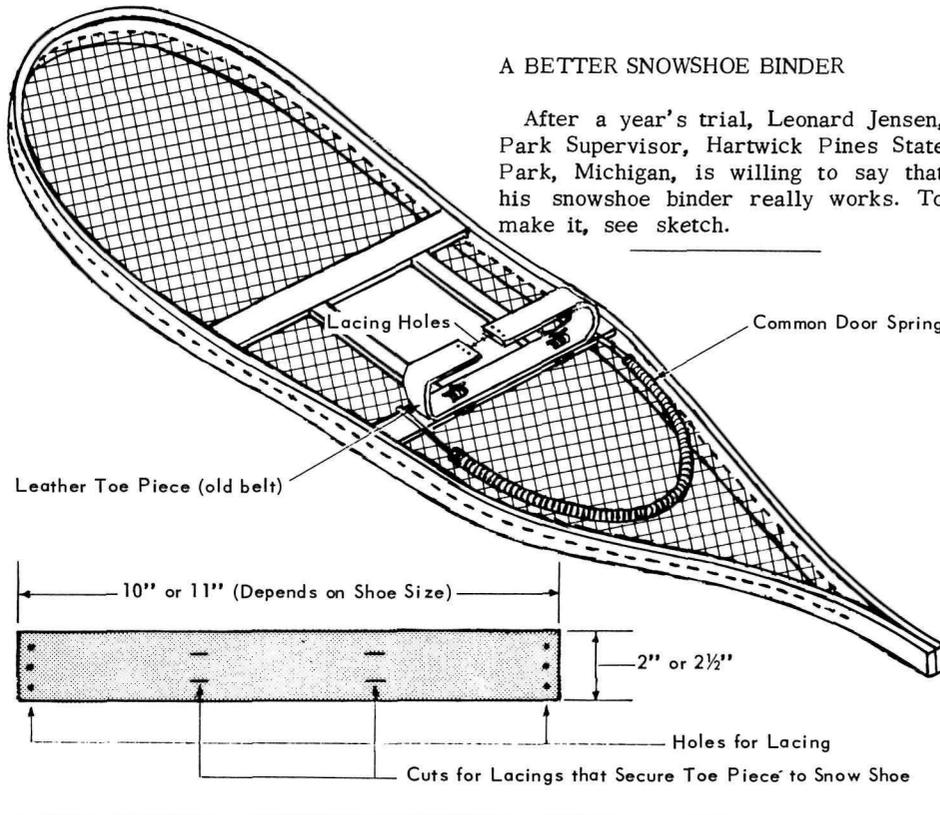
*The man who doesn't make mistakes doesn't do anything.*  
—Anon.

SNOW PLOW WEIGHTS  
AND BUOY ANCHORS

If you are looking for an easy way to make weights for snow plows or boat and buoy anchors, look no further. C. David Balbough, Wilderness State Park, Michigan, tells us that they take 55-gallon drums, cut them in half, bend some loops of reinforcing rod and then fill the half drums up with concrete.



Some of these weights are used to hold down snow plow blades and some they lower into the water to hold channel buoys or, with floats, as mooring points for boats.



A BETTER SNOWSHOE BINDER

After a year's trial, Leonard Jensen, Park Supervisor, Hartwick Pines State Park, Michigan, is willing to say that his snowshoe binder really works. To make it, see sketch.

PORTABLE ELECTRIC POWER SOURCE

The Mobilelectric Corporation of America has recently put on the market a small belt-driven power unit capable of delivering 3300 watts of usable electricity for most any job—anywhere.

A little larger than a 6 or 12 volt automotive generator, the Mobilelectric Unit is installed under the hood of a vehicle with a universal mounting kit. The off-and-on switch, voltage meter, and throttle regulator are mounted on the dash. Driven from the fan belt, the power unit produces 110 volt, 60 cycle AC current at normal idling speed of the truck or automobile engine. Cycles are controlled by driving at a constant engine speed. For mobile use or use at varying speeds, a voltage regulator is available which will hold the voltage at the desired level regardless of engine speed. The clutch disengages the unit when not in use.

The unit is capable of sustained service over long periods of time without damage to the unit or engine. The bearings are of the long-life self-oiling type. Replacement parts and service are available at generator repair shops, garages, or at the Mobilelectric factory.

The convenience and greater safety of the belt-driven generator is one of the advantages of the Mobilelectric unit over the more common gas-driven plant. There is no need for continual maintenance of gas tanks or transportation of a cumbersome engine.

The price of the Mobilelectric Unit is \$229.00 F.O.B. Denver, Colorado with a 30-percent discount to all U.S., state, and

county government agencies. Further information may be requested from Robert D. Gwinnup, MOBILELECTRIC CORPORATION OF AMERICA, INC., 3830 North Nevada Ave., Colorado Springs, Colorado 80907.

FIRE HOSE & HYDRANT HOUSE

When you have a fire emergency, getting the hose into play at the earliest possible moment is of vital importance. Out at Arches National Monument, Utah, they have the hydrant, hose and all necessary tools in one neat, easily opened package.



As the accompanying photograph shows, the one and a half inch cotton jacket, rubber line hose is already attached to one of the hydrant outlets and is woven onto a tray resting on stringers on each of the two walls. Opening the door on both ends permits the removal of the nozzle end of the

hose from one end and opening the hydrant valve from the other. Note that spanners are fastened to the door on the hydrant end although it is advisable to leave a wrench fastened to the hydrant valve stem.

If dampness occurs inside the building, it is possible to leave both ends of the hydrant house open for air circulation. Also, the roof may be removed for any necessary repairs to the hydrant.

Bates E. Wilson, now Superintendent of Canyonland National Parks, is shown peering through from the far end of the hydrant and hose building.

*Drive carelessly—your CAR will last a lifetime.* —Zip and Zest

BARBECUE FIREPLACE

If you have many people coming to your park and looking for a place to have a group barbecue party, you might be interested in the fireplace built at Henry Cowell Redwoods State Park, California.

Made of native stone, this firebrick-lined barbecue pit has a grating on which firewood or charcoal is placed. The draft door in the end controls the fire. An overhead beam mounted on two pipe standards placed at each end of the open pit has a rod and crank arrangement which, by means



of chain, raises and lowers the grate so that the fire can be brought close to or lowered further away from the cooking meat. The meat may be either suspended from the top bar by means of hooks or placed on a grill laid across the top of the open pit.

Another feature of this barbecue pit is the smaller grill on the end for cooking vegetables or making coffee. This end grill also has a fuel door and draft door at the bottom.

We are informed that this is a very popular facility with groups.

*Wilderness areas are the only yardsticks we have—or can have—of the long-continued interactions of natural ecological laws in the absence of man.*

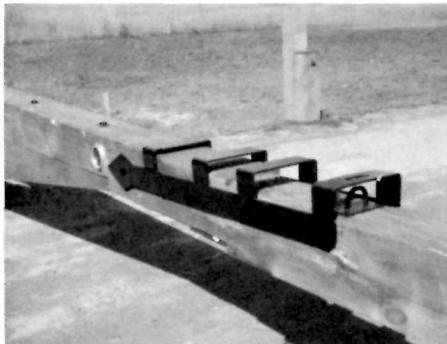
—Stanley A. Cain

## ATTRACTIVE PARK GATE

There is little reason why a gate, intended to bar visitors during certain hours, cannot be attractive as well as functional. Both of these objectives have been met in the gate installed at Ellacoya Beach State Park on Lake Winnepesaukee, New Hampshire.

Using native materials for the posts, turn posts, rails and bracing, and hand wrought strap iron for fittings, the general appearance fits the naturalness of this park.

Two 8x8 posts are used at each end to support the gate proper. These, chamfered at the top, spaced with another 8x8 short section serves to hold the gate turn



pin of 1" steel rod. The bottom of the post is set in concrete rounded off to shed water. Note that while the mortised pin member is bolted through the two outside posts, the wooden pegs give the appearance of being the means by which it is held in place. Also notice that both ends of this cross member, as well as the upper and lower ends of the swing post, are banded with three inch strap iron to prevent splitting and to add to the general appearance.

When opened, the ends of both sides of this gate rest on the top of posts set along each side of the road, inside the gate. A second post extends above the rest post as a backstop.

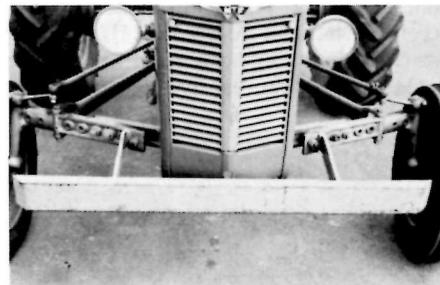
One very interesting feature of this gate is the locking arrangement. Note in photo number three that strap iron was again used in a very effective manner, not only to lock the gate when closed but to add strength to both rails when they are in the closed position. The strap iron extends from a bolt drilled through one of the rails about sixteen inches back from the end and extends an equal dis-

tance over onto the end of the other rail. A series of four "U" straps welded to the side pieces extend up and over the wood rails. The last one has a notch cut in the center to admit a padlock hasp. When the gate is closed and this attractive closing device is in place, a padlock can be inserted to prevent unauthorized opening.



## BUMPER FOR TRACTORS

Many tractors, such as the Massey-Ferguson model shown in the accompanying photograph, do not come equipped with bumpers. The reason for this is so that farm accessories and machinery can be attached to the front axles with little difficulty.



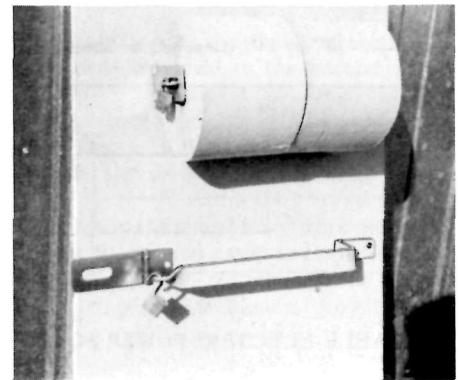
Paul States, Park Manager of the Fall River-Toronto State Parks in Toronto, Kansas, points out that it is a simple matter to prepare a bumper from channel iron and heavy strap and fasten it to the front of the tractor by means of the bolts provided for the front end implements when they are not in use.

The amount of surplus material and time used in manufacturing this home made bumper can save a lot of mashed radiators and grills when the tractor is used in tight places or near trees and other stationary objects.

## TOILET PAPER SAVER

Another good idea coming from Paul States, Park Manager of the Fall River-Toronto State Parks, Toronto, Kansas has to do with conservation of toilet paper. Most park people are familiar with the bird that comes into the rest-room and walks out with a full roll of toilet paper. This can nick the supply budget badly.

Paul's people got tired of this and constructed a holder which could accommodate two rolls and which could be locked against pilferage. The holder, as shown in the accompanying photograph, is made of strap iron, bent on one end so as to stand out from the wall and screwed to it. The other end has a 90 degree twist in it



and a drilled hole sufficiently large to accommodate a padlock. A hasp level with the bar is mounted on the wall and closes over the twisted end of the bar after the paper has been installed. The lock should stop a lot of paper stealing.

## "HILL HUMOR"

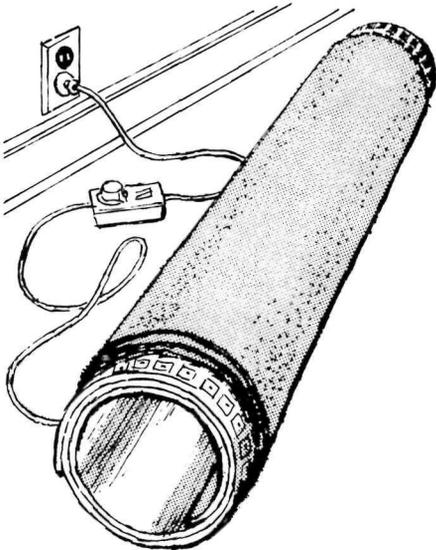
The following "instructions to writers" were copied from a notice in a committee room on Capitol Hill:

1. Don't use no double negative.
2. Make each pronoun agree with their antecedent.
3. Join clauses good, like a conjunction should.
4. About them sentence fragments.
5. When dangling, watch your participles.
6. Verbs has to agree with their subjects.
7. Just between you and I, case is important too.
8. Don't write run-on sentences they are hard to read.
9. Don't use commas, which aren't necessary.
10. Try to not ever split infinitives.
11. Its important to use your apostrophe's correctly.
12. Proofread your writing to see if you any words out.
12. Correct spelling is esential.

. . . Civil Service Journal

**LINOLEUM WARMER**

Trying to lay linoleum during cold weather months can be a baffling task. Chances are, the linoleum will be hard and stiff, will crack when unrolled, and will stubbornly refuse to lie flat.



A clever solution was recently printed in "Popular Mechanics" magazine. The linoleum should be warm before unrolling and is best accomplished by wrapping the entire roll in an electric blanket, as shown in the sketch. In a few minutes the linoleum will be soft enough to unroll without cracking or curling up.

**TESTS MADE ON AUTO-FLUSHERS**

The Nov./Dec. issue of GRIST included an article on an automatic toilet flushing device made by the Contamination Control Corporation, Long Valley, New Jersey. Since the article was published, tests were made on an auto-flusher installed in the men's room of the Central Services and Repair Shops, National Capital Region, National Park Service.

Regional Chief Joseph R. Prentice writes that the AUF 115-2 unit was installed so as to control one urinal and one commode. The urinal branch of the unit was preset for a five-second delay and the commode for a two-minute delay between the introduction of the contaminate and the initiation of the flushing action. Other time delays were applied to the commode, and the two-minute span was found to be optimum.

Three-quarter inch solenoid valves were used in the water supply lines in place of the existing one and one-eighth inch manual flushometer valves. The 3/4" valves were found to be adequate for flushing the blow-down type fixtures involved in the test. It is believed that 1/2" valves and piping would be adequate for wash-down type fixtures.

Although the water was not metered, it was apparent that less water per flush was dispensed by the automatic control than by the manual flushometer valves on adjacent fixtures.

The auto-flusher was tested with contaminants such as coffee, Coca Cola, cigarette butts, paper, salt water, and detergent solutions as well as human excreta. In all cases the automatic flushing occurred as soon as the contaminate reached the sensing electrode in the fixture. Fixtures appeared to be clean after each flush, and odors were minimized by the prompt, positive action of the control.

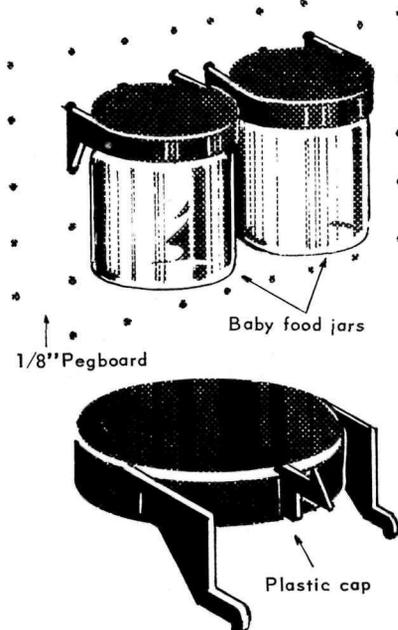
The inspectors concluded that the unit is completely tamper-proof, appears to be virtually maintenance-free, and satisfactorily performs all the functions claimed by the manufacturer.

*Knowledge begins by making mistakes.* —Anon.

**BABY FOOD JARS FOR STORING PARTS**

Many a handy man has found uses for all those discarded baby food jars around the house. The glass jars are perfect for storing nails, screws, bolts, and other small parts, as the jars are just the right size for "mini-tools" and they keep the parts in easy view.

Now the Wickliffe Industries, Inc., has come up with a way to turn the jars into a wall storage unit. Wickliffe makes sturdy, plastic caps which hold quarter twist food glass jars. The caps snap into 1/8" pegboard to make a very neat workshop unit. When the parts are needed, the jar may be removed by unscrewing.



Ten caps may be purchased for \$1; 36 for \$3; 72 for \$5; and 500 for \$32.50. Shipping is paid. Orders or requests may be sent to: Wickliffe Industries, Inc., P.O. Box 244, Dept. PM-9, Wickliffe, Ohio 44092.

**HOMEMADE OUTDOOR COOK STOVE**

If you are looking for a good outdoor cookstove and grill, this one should interest you. It is one of the best we have seen in a long time. John Murn, while up at Isle Royale National Park in Lake Superior, came up with this model made from a discarded steel boiler. He cut a section about sixteen inches back from the rounded end, welded a draft and ash box underneath. He also welded three legs and braces and then fastened a grate made of bridge decking grill above the rounded bottom and the rivet line. In the front he cut an oblong opening and mounted steel doors on each end of this opening. Next he made a top of plate steel with an oblong



section also of bridge decking grill and welded this around the top edges of the boiler. In the back he cut a hole for the eight inch stove pipe to give the fire sufficient draft and to carry off the smoke.

Meat can be grilled directly over the open section and vegetables and coffee may be cooked in pots on the solid areas on either side of the top grill.

John was even thoughtful enough to make a fire hoe for the visitor to keep the coals stirred while cooking.

This model would be particularly useful where groups of people are cooking quantities of food.

*There is an intangible something inherent in the parks that none of us can express, but which is of surpassing value, like the honor of a man, and the virtue of a woman . . . not to be violated . . . It is imponderable, but precious beyond all expression . . .*

—Charles G. Thomson

DRINKING FOUNTAIN SHELTER

From Frank H. Bunce, Manager of Bernheim Forest at Clermont, Kentucky comes another of those good ideas he so frequently shares with us. This one is a simple two-post shelter to cover a drinking fountain.

As Frank points out, this is a splendid, quickly-erected shelter valuable for marking fountain locations for the visitor, and for giving the fountain some protection against pine needles or leaves.

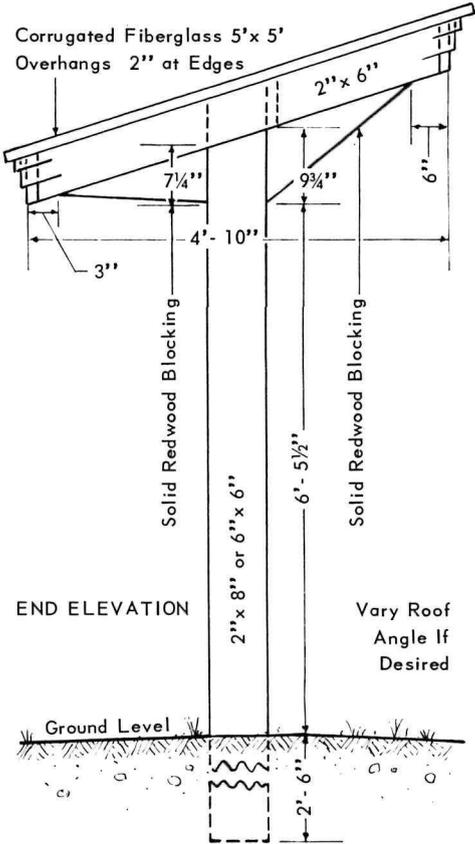
The upright posts, buried 2' 6" in the ground, are of redwood 2x8's. They might also be of 6" square fir posts. The tops of the posts are cut at an angle determined to accommodate the pitch of the roof. Two 2x6" boards are fastened on the outside of each post at the top and on the roof angle selected. Wood blocking, 1x8", is cut at the proper angle to give underside bracing to the two roof stringers.

Three additional 2x6" boards are used to frame the roof, one across the center on top of the posts and the other two as fascia across both ends of the stringers. One inch trim covers these fascia for



effect only. The roof material is of corrugated fiberglass with a two inch overhang at each end. Fiberglass molding is also placed at each end snug up under the corrugated fiberglass roof.

The entire wood portion of this shelter may either be pressure treated or painted



END ELEVATION

Vary Roof Angle If Desired

BOATERS — NOW HEAR THIS!

The Water Safety Sales Company of Nashotah, Wisconsin, now has a sign on the market which explains the new National Inland Waterway Regulatory Marker Symbol System. The 32"x48" display includes color delineations of all the inland water traffic signs and their meanings. Made of plastic laminated, weatherproof plywood, the sign is good for years of service.

It is suggested that the sign be displayed at inland waterway launching ramps for greatest safety value. The symbols and

flags shown on the sign can be studied, understood, and easily absorbed by any responsible boater in the time it takes to launch a boat.

Cost of the single-face panel is \$30.00 and double-face, \$37.50. Custom printed Scotch-Cal overlay panels to replace the standard heading may also be purchased for \$3.75 each in lots of 50 or more. For example, "Wisconsin Boaters" may be used instead of the Regular "Boaters — Now Hear This" heading. The overlay is 4"x48" with 3" high letters.

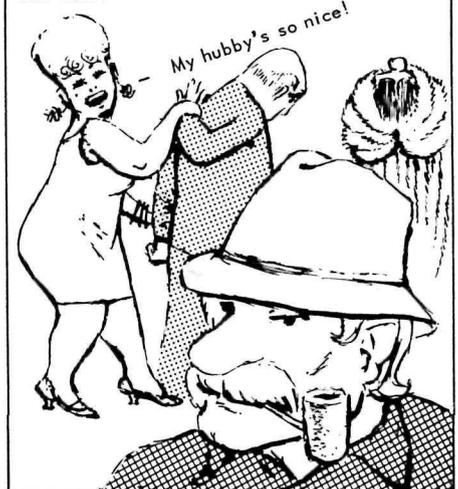
For further information write: Water Safety Sales Company, Box 178, Route 1, Nashotah, Wisconsin 53058.

with a preservative stain, depending upon the type of wood used.

It is important to note that the ground surface under this shelter and around the drinking fountain is paved. This eliminates muddy conditions.

RANGER 'RED' sez:-

"A feller don't know what real happiness is 'til he gits married. Then its too late!"



James Burnett & IBL

**BOATERS ... NOW HEAR THIS!**

INLAND WATER TRAFFIC SIGNS			
MEANING	BOATS KEEP OUT	BE CAREFUL DANGER IN AREA	CONTROLLED AREA

**PRINTED INFORMATION MAY BE WITH THE SYMBOLS .. READ IT !**

CHANNEL OR SAFE ROAD MARKERS				TRAVEL BETWEEN BLACK AND RED MARKERS - TO THE RIGHT OF STRIPED MARKERS		
					DISTRESS / HELP US!	DIVERS / STAY AWAY