

by **Thinkenstein** on August 29, 2009

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intro: HANGING -- alternative storage techniques

Hanging things reduces the need for cabinets and shelves. It helps keep the floor uncluttered and easier to clean. Nothing falls and breaks -- it just swings a bit when you bump into it.

In high-ceiling rooms, such as mine, there is normally a lot of wasted space overhead. Hanging things can help utilize that space. Hanging things also keeps them visible.

I set iron rings in my ceilings and walls and use them to hang things directly. The rings can also be used to hang pipe or chain from which to hang things.

"S" hooks and rope loops are two ways to hang things from attachment points.



Image Notes

1. PVC pipe drilled with vertical sections of stainless steel welding rod. Glasses hang on the welding rod for drip drying.
2. Hooks set in the wall for hanging pots and pans.



Image Notes

1. This is my rainy day clothes drying pipe for indoors. Being a high ceiling, I can walk underneath the clothes, so use of the room is not obstructed by the clothes. You have to stand on something to hang the clothes.



Image Notes

1. Food is visible through the basket. The visibility helps me keep from forgetting about what is stored in the basket.

step 1: Rings, Chain and Pipe

My house is basically dome shaped. Domes have high ceilings. Thinking ahead, I set iron rings in the cement from which to hang things later. One can hang things directly from those rings, especially heavy things.

To give me more attachment points for hanging lighter things, I welded up some big-link chain and hung it from ring to ring. Each link provides an attachment point for hooks.

Horizontal pipes can also be suspended in the air from the rings and used to hang things.

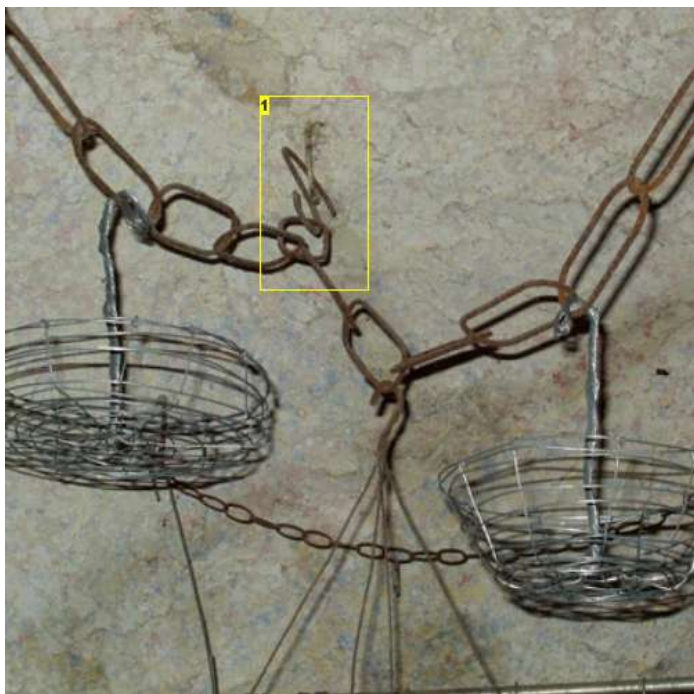


Image Notes

1. Ring, "S" hook, and chain.



Image Notes

1. Pipe with small wire "S" hooks.



Image Notes

1. PVC pipe drilled with vertical sections of stainless steel welding rod. Glasses hang on the welding rod for drip drying.
2. Hooks set in the wall for hanging pots and pans.



Image Notes

1. This is my rainy day clothes drying pipe for indoors. Being a high ceiling, I can walk underneath the clothes, so use of the room is not obstructed by the clothes. You have to stand on something to hang the clothes.



Image Notes

1. The rebar ring is tied to the rebar inside the wall before plastering. No fear of them pulling out of the wall.



step 2: "S" Hooks

"S" hooks can be bent out of wire, with pliers, or out of iron rebar, using two strong pins as a bending jig. I use two bolts set part way in a wood post to bend rebar hooks.



Image Notes

1. This special hook has a ring bent in one end that the pot rests on. The rebar was covered with vinyl tubing before bending it, to avoid rust problems.
2. Lamp chain with wire hooks.

step 3: Rope Loops

Rope loops can be used to hang just about anything that can't be hung directly with an "S" hook. Hang the object with the rope loop and hang the rope on an "S" hook.



Image Notes

1. I fuse the ends of nylon rope with a match to avoid fraying. Join the ends of the rope with this simple knot to make a rope loop.

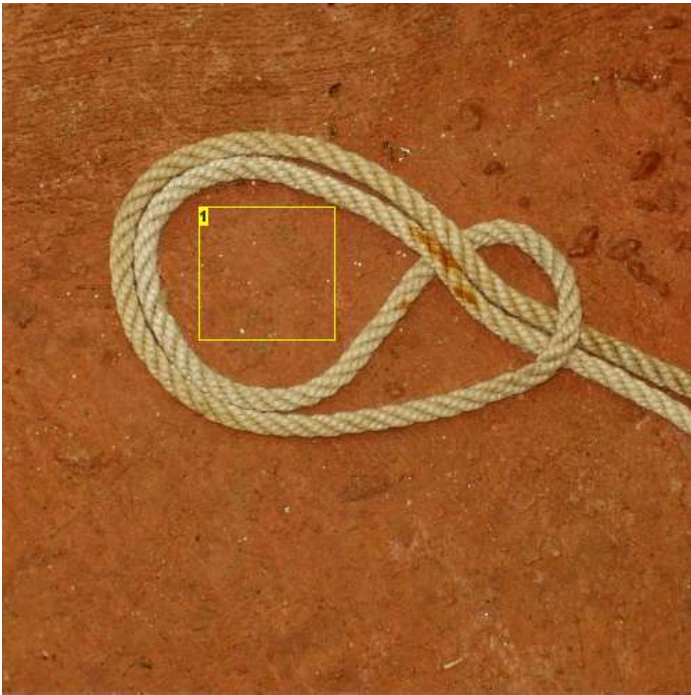


Image Notes

1. You can hang sacks of things by running the neck of the sack through this loop and then tightening it around the sack.



Image Notes

1. Hanging bananas up off the ground and away from other things helps keep the rats off them. I hook an "S" hook from a tree branch and come down from that with thin wire to another hook and the rope. The rats can't climb down the wire.



step 4: Hanging Baskets

Hanging wire baskets are useful for storing things. I especially find them useful in the kitchen, so I can look up from underneath and see what I have in them.

I quite often find electric fans thrown away. The wire fan covers make excellent baskets. One can also weave baskets using galvanized wire.



Image Notes

1. These baskets are made from electric fan covers from discarded fans. Four wires go from the baskets up to an "S" hook and a chain link.

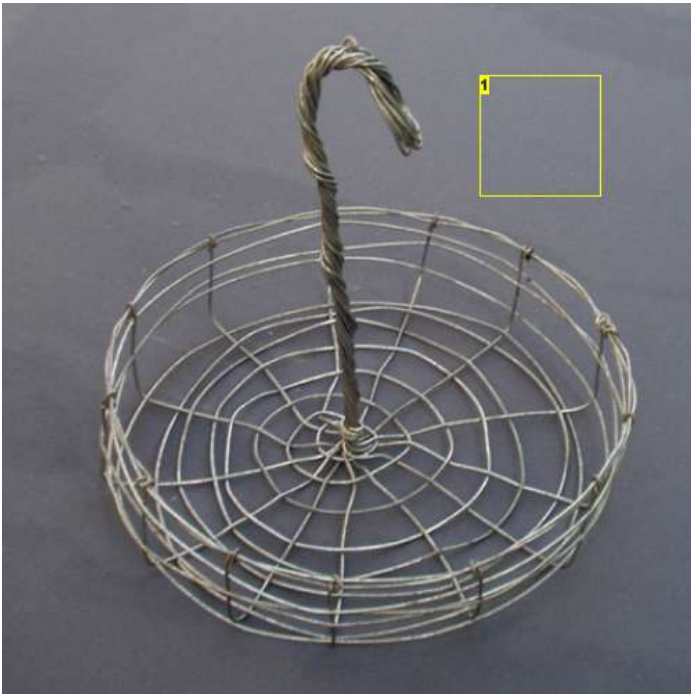


Image Notes

1. I wove this basket out of galvanized wire. I bent several wires in half and twisted them to make the hook part first. Then, I wove the ends to make the basket.

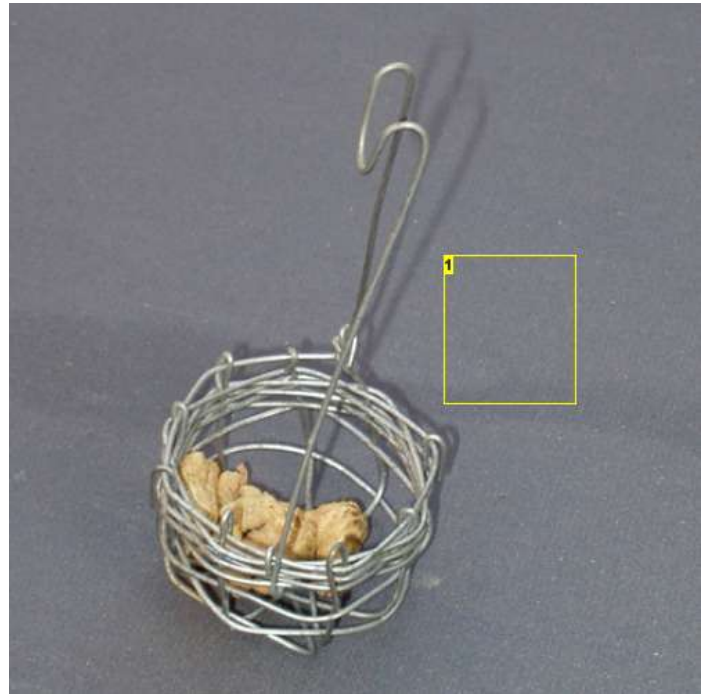


Image Notes

1. This is a special small basket I made to hold ginger from the garden.



Image Notes

1. This basket is an old kitchen strainer I wasn't using.

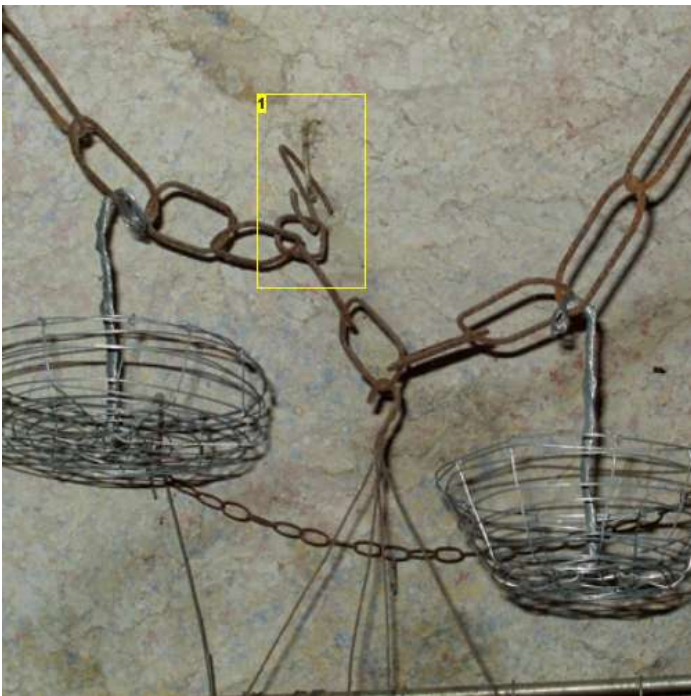


Image Notes

1. Ring, "S" hook, and chain.

step 5: Hanging Shelves

Given two attachment points on a wall, you can suspend shelves using galvanized wire. The wire makes a triangle as it goes down from the attachment point, under the shelf, and back up to the attachment point.

This design doesn't eliminate the need for wood, but it does minimize the amount needed to make shelves.



Image Notes

1. I fix the wire to the shelf so the shelf can't be anything but horizontal.

step 6: Special Hook on a Pole for Hanging Things High Up

The ceiling of my main room is about 15 feet high. To hang light-weight things using "S" hooks, I made a special pole for raising them up and hooking or unhooking the "S" hooks from chain links, rings, or pipes.

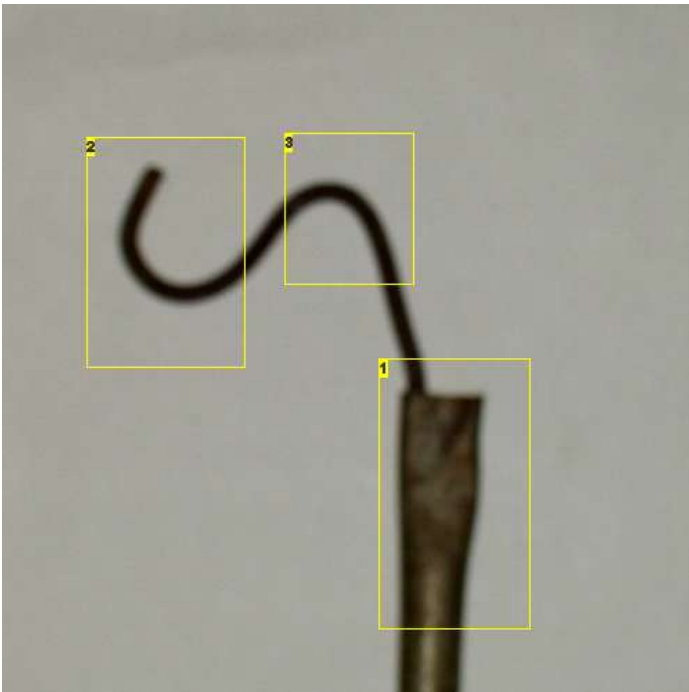


Image Notes

1. The rebar has some irregularities bent into it. When the EMT electrical conduit pipe is hammered around the irregularities, the hook is held firmly. No need for welding.
2. This part of the hook snags an "S" hook and lets me hook it to high attachment points, like rings, chain links, or pipes.
3. This bend in the pole hook lets me hang the pole itself for vertical storage.

Related Instructables



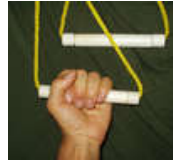
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IKEA Fabian shelf turned into a cheap hanging garden shelf by fandn



S-hooks - they're nice. by kerns



Canoe/Kayak lifting Configuration
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