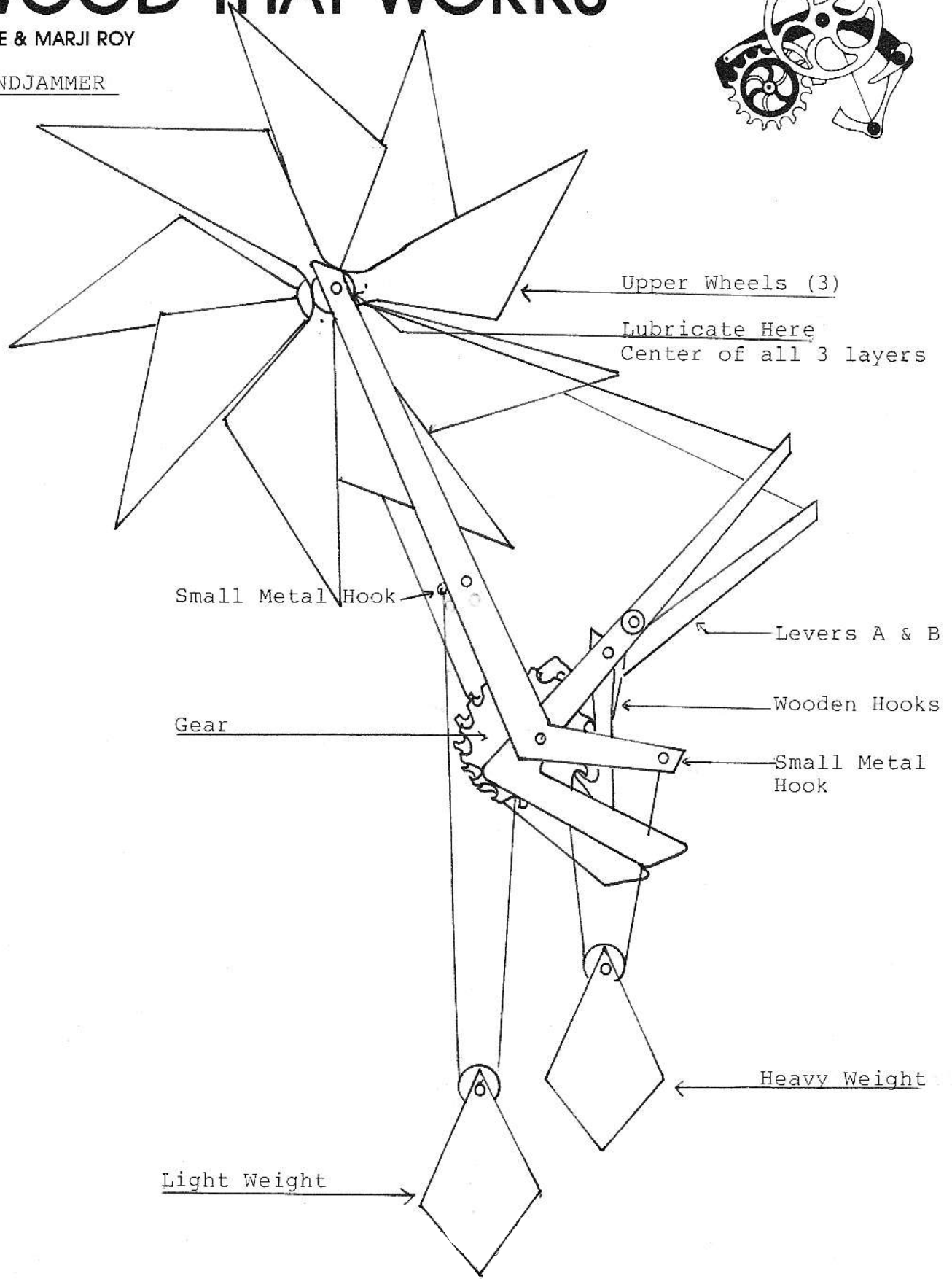


WOOD THAT WORKS

DAVE & MARJI ROY

WINDJAMMER



WINDJAMMER

Directions:

To Mount on Wall:

1. Do not remove the masking tape that holds the string in place.
2. Unscrew the sculpture from the backboard-template.
3. Hold the template in the desired location against a wall. level the bottom edge. Place a sharp instrument through the marked mounting screw holes, marking their location on the wall.
Note: The proper height is one from which viewing and winding is comfortable.
4. Drill pilot holes. If the wall is sheetrock or plaster use the plastic anchors provided by drilling 3/16" holes and driving the anchors into place.
5. Mount the sculpture using round-headed brass screws 1½" or longer.

To Suspend the Drive Weights

1. Place both the weights on the floor below the sculpture with the heavy weight on the right and the designs facing forward.
2. Tie a small loop in one end of the string provided.
3. Loop this over the small metal hook on the dowel on the right of the sculpture (see diagram).
4. Pass the other end of the string under the pulley on the heavy weight and up and over the pulley in the center of the gears.
5. Cut the end of the string about 12" below the bottom of the sculpture. Tie a loop in this end.
6. Hold the light weight and pass the string under its pulley and place the loop over the small metal hook on the inside of the lower dowel (see diagram).

To Wind:

1. Remove the masking tape holding the strings in position on the center upper wheel. Make sure the strings are in their respective pulleys.
2. Gently pull the lever that is closest to the upper wheels until it is approximately equal to the other lever.
3. Grasp the light weight (left) and gently pull it straight down while holding the wooden hooks back from the gears. Pull the light weight half way down and hook either hook onto a gear tooth.
4. Now lift the heavy weight while holding back the hooks as before.
5. When the light weight reaches the floor, rehook the hook to a gear tooth.

To Start:

1. The sculpture will start after it is wound up. If it doesn't a light counter-clockwise push to the center wheel should start it.

CAUTION:

Never raise levers A & B toward the wheels because this will cause the strings to come off their pulleys.

Care and Maintenance:

If the sculpture begins to stop for no apparent reason before the weight reaches the floor, the bearings may need to be lubricated. To do this:

1. I use Tri-Flow Spray Lubricant distributed by Costa Mesa Lubricants Inc., Costa Mesa, Ca.
2. Using the plastic extension nozzle spray a small amount of the lubricant directly onto the bearings in the places noted in the diagram. Remove excess. Reapply if necessary.
3. DO NOT use silicon spry or WD-40.

WINDJAMMER (cont)

Care and Maintenance (cont)

Alternative Lubricating Method:

1. Remove the weights.
2. Unscrew the sculpture from the wall and place it on a horizontal surface.
3. Apply a few drops of 3in1 oil (light machine oil) at the point noted in the diagram. Move the wheels back and forth to allow the oil to be absorbed into the bearings.
4. Remount and suspend weights.

A Description of the Motion:

Levers A & B move up and down turning the center wheel back and forth. Small ratchets on this wheel strike and turn the front and rear wheels in a random manner causing them to turn at various rates. When the center wheel is moving with the other 2 wheels they appear to collapse into a single wheel with 3 arms and then spread apart. As the center wheel reverses a chaotic pattern emerges.

Please let me know if you have any trouble with these directions or the sculpture in general. Comments help me to update the directions and correct any problems that occur.

Storage and Shipping:

Please save the shipping box and backboard to aid you when moving, storing or shipping your sculpture. The box can be collapsed for easy storage.