wood that works

"CRAZY EIGHT"

- gear E
- screw B
- short lever C (front)
- short lever D (back)
- hook G
- knob K
- pulley F
- weight

balance J wheel
balance wheel strings
Screw A
long lever arm I (back)
long lever arm H (front)

DAVE & MARJI ROY
Directions:

To Mount on Wall:

1. Remove sculpture from backboard by unscrewing screws.
2. Hold backboard in desired location against wall keeping the bottom edge approximately level.
3. Place a sharp instrument through the mounting screw holes marking their position on the wall.
4. Drill pilot holes. If the wall is plaster or sheetrock, use plastic anchors.
5. Mount sculpture using brass screws.

Check the Following:

1. One string should be descending from the spool in front of Balance Wheel (J). One string should be descending from the spool behind Balance Wheel (J).
2. The front and rear strings should descend from opposite sides of their spools. (See diagram.)

Check Lever Arms (H) & (I) for Proper Location Relative to Gear:

1. Gently turn gear (using knob) in a clockwise direction. The large balance wheel (J) should move back and forth in a slow motion. If this does not occur, the front balance wheel string has probably come unwound during moving.
2. To fix, wind string around spool once in a counterclockwise direction and test again.
3. Repeat step 2 until machine works properly.

To Wind:

Turn balance Wheel (J) until front lever Arm (H) is approximately horizontal. Turn Gear (E) counterclockwise until weight is about 6 inches below machine. Flip short levers back into their original position.

To Start:

Sculpture will start moving when weight is suspended.

To Stop:

To stop the sculpture before the weight reaches the floor simply stop Wheel (J) and push the front string from Lever (H) back through the split in Wheel (J). To start again the string must be taken out of this same split in Wheel (J).

To Adjust:

All sculptures are adjusted and tested and do not normally require further adjustments.

1. If sculpture stops because short Levers (C) & (D) do not clear Gear (E), loosen the small screw next to Knob (K), let out a small amount of string by turning Knob (K) and retighten screw.
2. If sculpture makes a very loud clicking sound and Wheel (J) moves a very small amount, loosen small screw next to Knob (K), take in a small amount of string by turning Knob (K) and retighten screw.

Lubrication:

Periodically apply small amounts of Dry Graphite lubricant to axels through Wheel (J), Gear (E) and Levers (H) and (I). Spray a small amount of a wax such as Pledge on a cloth and apply to short Levers (C) & (D) where they come in contact with Gear (E).

CAUTION: Use of other lubricants may damage sculpture.