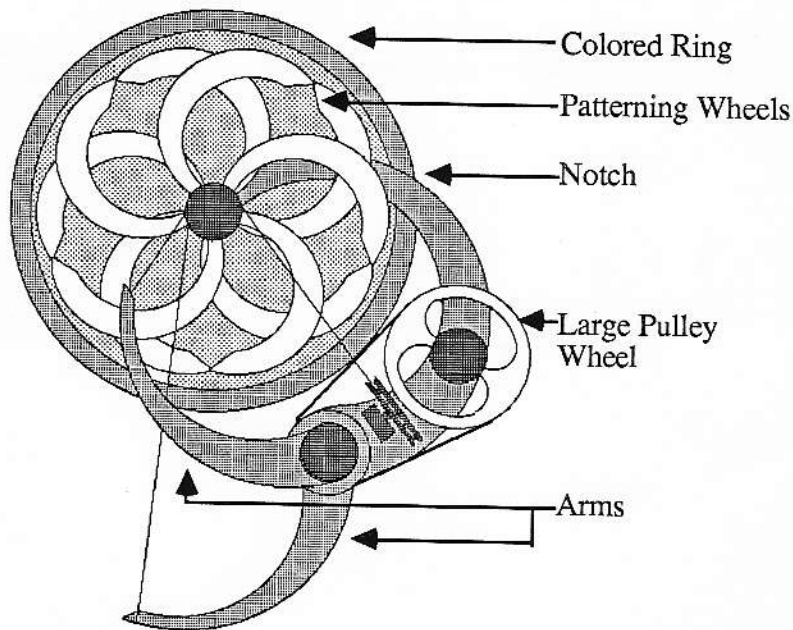


Directions for Impulse

Kinetic sculptures designed by:
David C. Roy



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Technical Information:

Size: 21" W x 25" H x 5" D
 Power source: negator spring
 Run time: 60-75 minutes
 Materials: solid hardwood birch
 plywood, stainless steel ball
 bearings, steel shafts, fabric
 Edition of 75

To Mount on Wall

1. DO NOT remove the tape holding the strings in place
2. Hold the backboard in the desired location against the wall. Level the bottom edge.
3. Place a sharp instrument through the screw holes, marking their positions on the wall.
4. Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
5. Screw the sculpture to the wall using only the 2 lower mounting holes.
6. Slide the color ring behind the patterning wheels and upper portion of the base.
7. Center the ring behind the wheels with the notch in the ring spanning the base.
8. Screw the upper portion of the sculpture into place.
9. Remove the tape.

To Wind:

1. Turn the large pulley wheel clockwise 20 turns using the dark colored winding knob.

To Start:

1. Gently push down which ever arm is in the upper most position.

About Impulse

Mechanics and motion have always fascinated me. During college I studied physics, engineering and chemistry to further my understanding of how things worked. I graduated with a degree in physics from Boston University in 1974. An intuitive understanding of motion and mechanics combined with the artistic influences of my wife, Marji, led me to the creation of kinetic sculptures. In 1975 we started "Wood That Works" and I became a full time sculptor. Since then I have designed and handcrafted over 50 different limited edition and one of a kind sculptures. I have exhibited in numerous juried, invitational and group events. My work is displayed in galleries and private collections around the world. I currently maintain a studio in rural eastern Connecticut.

About the Artist:

"Impulse" is the smallest of my new "Kinetiscopic Movements" series. The two opposing 5 spoke wheels create simple yet interesting moire' patterns that "collapse" toward the center and then "grow" outward. The wheel design is similar to the one I used in my first kaleidoscopic sculpture in 1979.

The lower portion of the sculpture is the drive mechanism. The large pulley wheel drives the smaller "pin" wheel located between the "arms". This wheel alternately pushes the arms which drive the upper wheels through a string drive system. This system is simple, quiet and reliable.

The blue fabric background circle serves to emphasize the motion and patterns and to lend a touch of color. The circular fabric frame can easily be removed and the color of the fabric changed to suit the taste and walls of the owner.