

About the Artist:

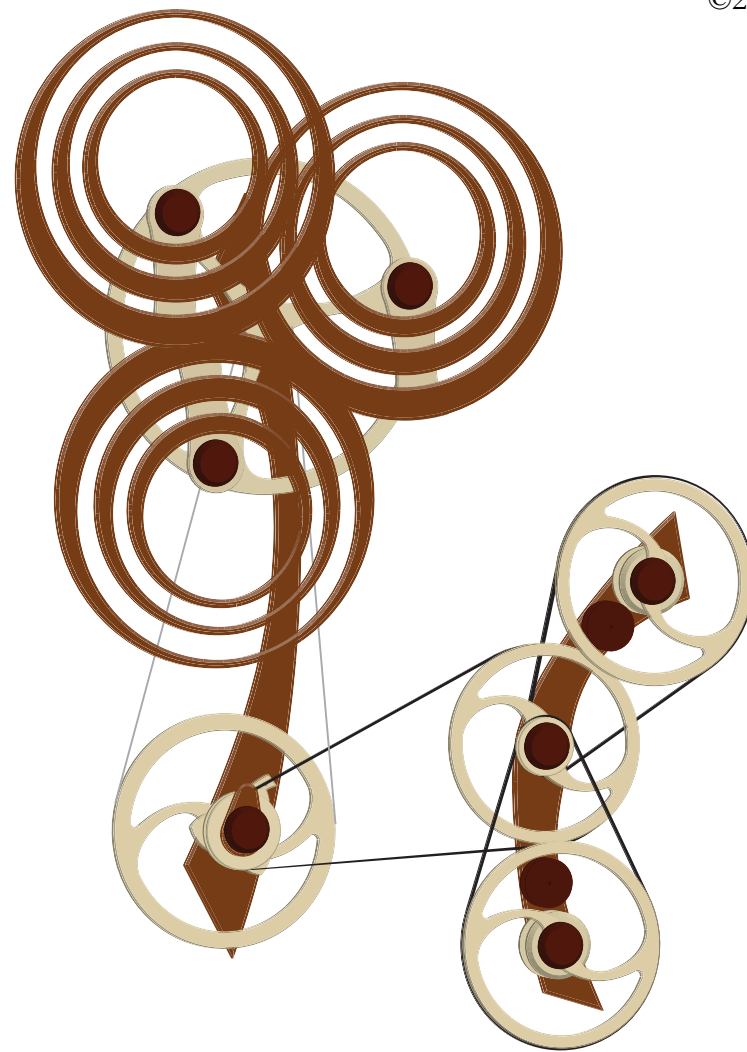
David C. Roy

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. This 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 200 different limited edition and one-of-a-kind kinetic 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 northeastern Connecticut.

Wood 
that Works

Summer Rain • Directions

Kinetic Sculpture by David C. Roy
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To the Owner...

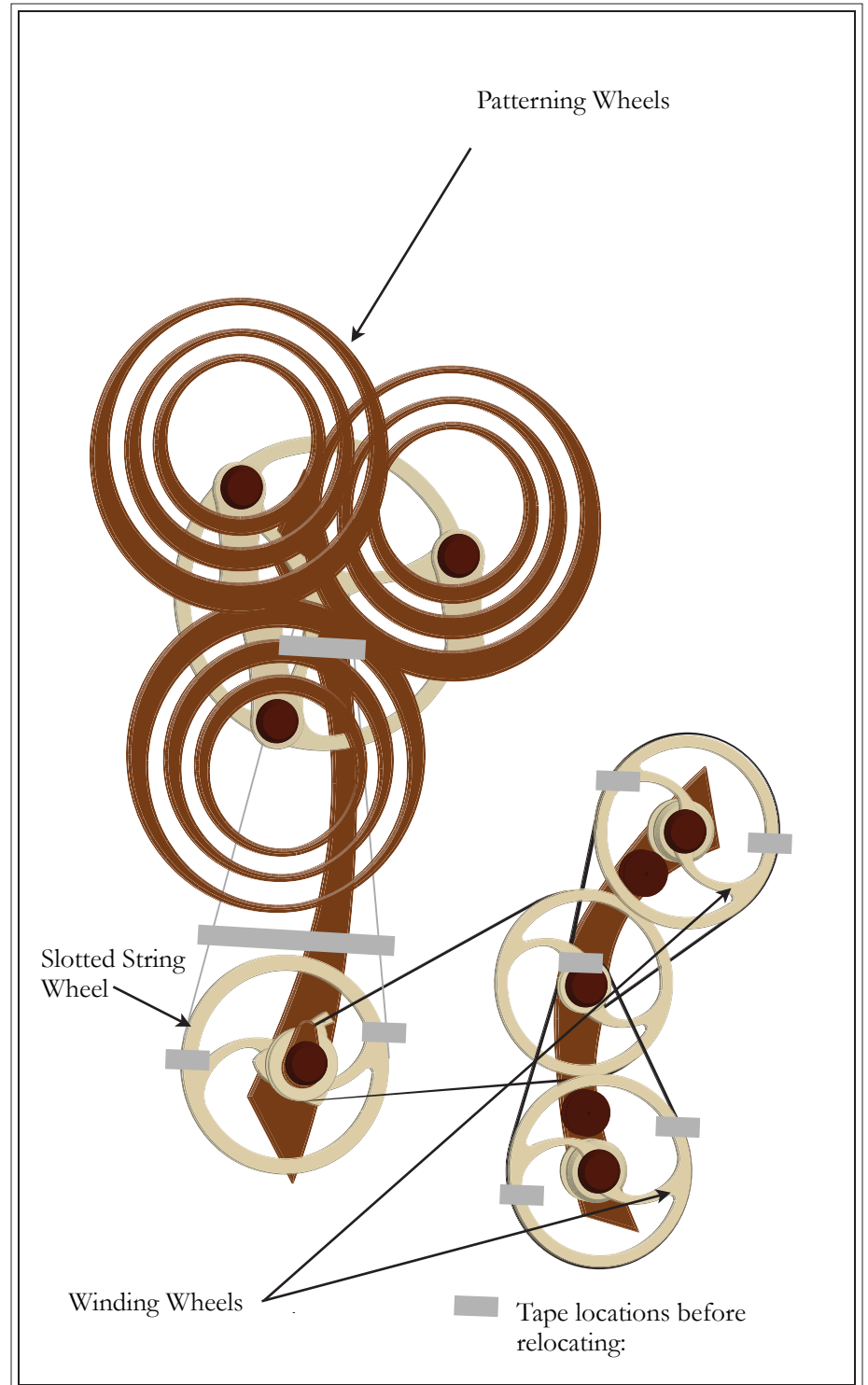
Hello,

Welcome to the world of Wood That Works. This Summer Rain is number _____ out of a possible 36 pieces. It was made by me during the month of _____ in 2010. I build, test and pack each sculpture myself, doing 3-6 pieces of an edition per month. It takes several years for me to complete an edition and some are never finished as I move on to new designs. Designing and building kinetic sculptures like Summer Rain has been my full time occupation for more than 30 years. I hope Summer Rain brings you and other viewers as much enjoyment as I've found in making it.

Summer Rain has been mounted on a wall in my shop and running for at least 2 complete windings (many hours) before I pack it. I make every effort in design, construction and packing to make sure the piece will perform problem free for years to come. I use only the finest materials.

It leaves me happy and satisfied to find that my work has made it's way into new lives. I hope it brings you years of enjoyment.

David C. Roy



Directions:

To Start:

- If the sculpture does not start by itself after winding, gently push the slotted string wheel clockwise this time until the 4 inch lever reaches 12 o'clock. The upper portion of the left side will start moving clockwise, stop, reverse in a counter clockwise direction and then keep moving in one direction and then reversing.

Before Moving Sculpture:

- Always tape the spring-belts and strings in place before moving the sculpture. This will save a lot of aggravation when it is time to set the piece up again. Use blue painter's tape.
- See the diagram for the best tape locations.

About Summer Rain:

Summer Rain is a breakthrough sculpture for me incorporating motion, sound and a new type of drive mechanism.

Three overlapping wheels, composed of nested circle forms create a pattern that suggests ripples in a pond. The motion is accompanied by the very soft, melodic tinkling sound of small wood levers striking different lengths of thin brass rods. The motion and sound makes me think of a gentle summer rain.

The mechanism was the most challenging part of this sculpture. My original design proved too inefficient and complicated. I found that I had trouble setting it up and I knew from previous experience if I found setting up one my pieces to be a challenge others would have nothing but problems with it. I lived with the first version for a number of months trying a number of little fixes. Nothing worked so I put it aside for several months but kept thinking about it. I finally hit on a simple solution that actually used fewer parts, was more reliable and ran longer. Sometimes it pays to stop playing and just think about things although usually I'd rather just play!

Specifications:

Limited Edition of 36

Size: 46"h x 36"w x 9"d

Power Source: negator spring

Approximate Run Time: 7.5 hours

Materials: hardwood plywood,

bearings, string

Summer Rain ©2010

Directions:

To Mount on Wall:

- DO NOT remove the tape holding the spring-belts in place.
- Hold the lower template against the wall in the desired location.
- Level the bottom edge.
- Temporarily attach the template to the wall using the marked screw holes in the template. Partially screw in the screws.
- Hold the top template against the lower one lining up the left hand edges. Mark the screw holes.
- Remove the templates from the wall.
- Install wall anchors in the marked holes if necessary.
- Screw the left hand side of the sculpture to the wall using the marked holes. Be careful not to dislodge the strings from the pulleys. Leave the tape in place until the sculpture is fully mounted.
- Screw the right hand side of the sculpture to the wall using the marked holes and in the orientation shown.
- Take the spring belt located in the directions packet and place it around the pulley of the front of the left side of the sculpture and then over and around the middle pulley on the right hand side. Hook the ends of the belt together.
- Make sure the belt goes over the brass pin on the front of the left side.
- Remove the tape holding the strings to the upper mechanism.
- Remove the tape holding the spring-belts in place.

To Wind:

- Gently rotate the slotted string wheel on the left side of the sculpture counter-clockwise until the 4 inch lever is at about 9 o'clock.
- Turn both the upper and lower winding wheels counter-clockwise 22 turns.
- Pay close attention to the top of the light colored wood spool directly behind the winding wheels. Stop winding as soon as you see the red tape appear on the metal band. This is placed about 1 turn from the end. Winding beyond this point may damage the sculpture.

