

## About the Artist:

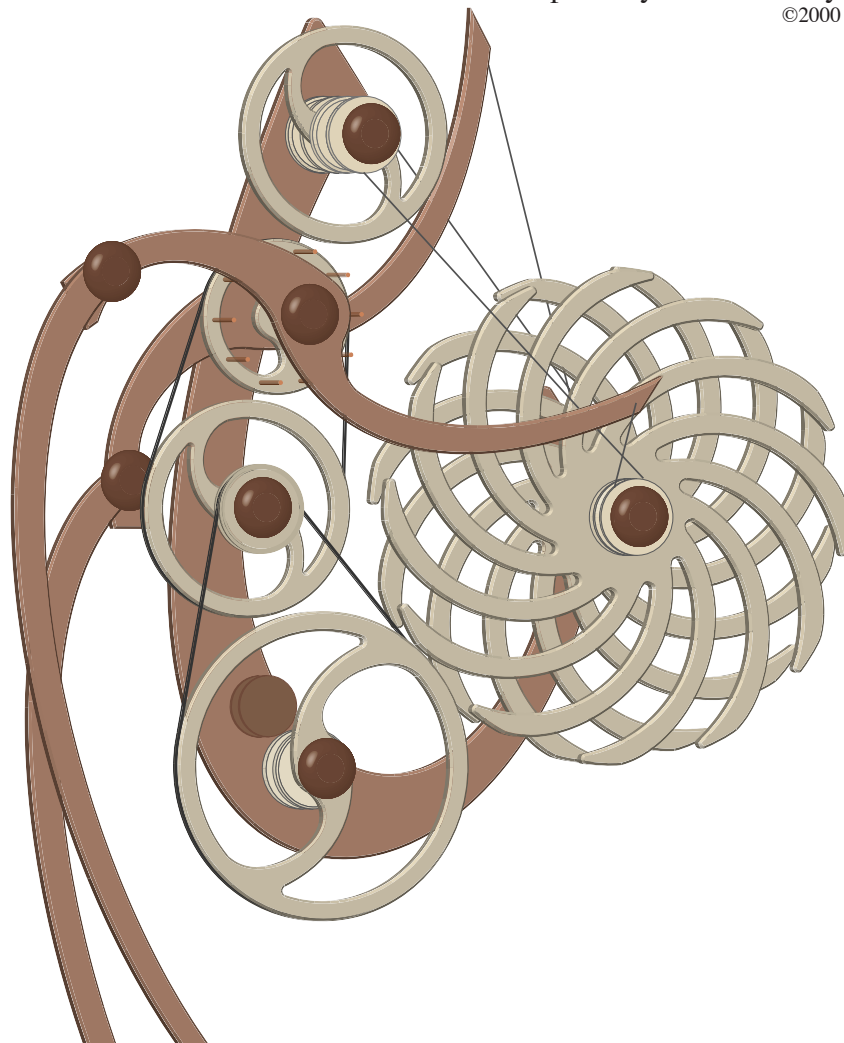
### David C. Roy

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 hand-crafted over 80 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

### Geppetto • Directions

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

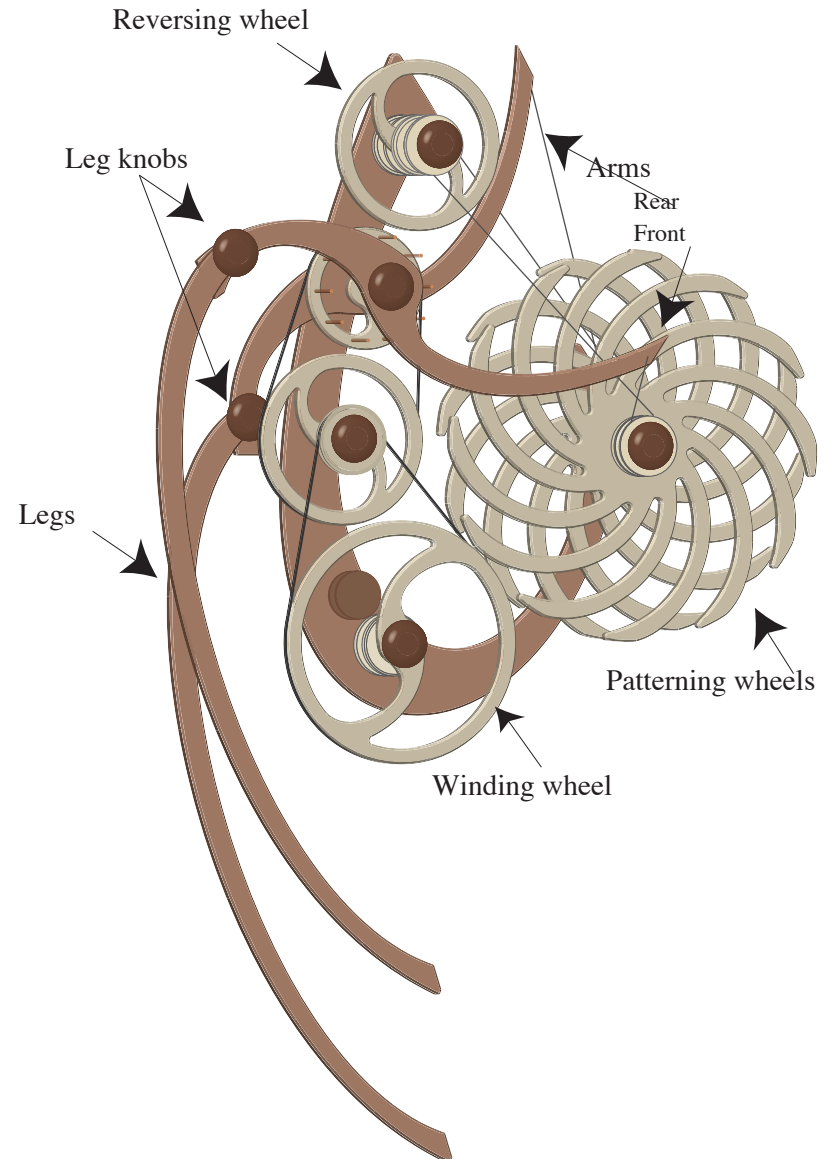
Hello,

Welcome to the world of Wood That Works. This Geppetto is number \_\_\_\_ out of a possible 150 pieces. It was made by me during the month of \_\_\_\_\_ in 2006. I build, test and pack each sculpture myself, doing 6-12 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 Geppetto has been my full time occupation for more than 25 years. I hope Geppetto brings you and other viewers as much enjoyment as I've found in making it.

Geppetto has been mounted on a wall in my shop and running for at least 2 complete windings (several 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



## Proper String Arrangement:

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Geppetto's strings were properly set at the time of shipping. The following description is included as a reference if the original set-up gets disturbed. Geppetto's strings may come out of their spools if the patterning wheels are spun by hand or stopped suddenly. This may cause the string that connect the wheels to tangle. If this happens the strings should be returned to the correct location using this description.

The following steps describe the proper stringing set-up.

Gently pull down on Geppetto's front "leg" (not the arm- see diagram) until you can pull no further. While holding the leg in this position look at the pattern wheel spools from the side.

- 1) The spool on the front wheel has two strings. The one going to the front arm should be pulling straight up toward the arm. The one going to the reversing wheel should have 4-5 loops of string wrapped in a counter-clockwise direction.
- 2) The rear (closest to the wall) patterning wheel also has two strings. The one going to the rear arm should have 3 loops of string wrapped in a clockwise direction. The one to the reversing wheel should have 1-2 loops wrapped in a counter-clockwise direction.

If you release the front "leg" and gently pull down on the rear leg until the rear arm string is pulling straight upward the string patterning will be reversed.

That is:

The spool on the rear wheel has two strings. The one going to the rear arm should be pulling straight up toward the arm. The one going to the reversing wheel should have 4-5 loops of string wrapped in a counter-clockwise direction.

The front patterning wheel also has two strings. The one going to the front arm should have 3 loops of string wrapped in a clockwise direction. The one to the reversing wheel should have 1-2 loops wrapped in a counter-clockwise direction.

## About Geppetto:

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Geppetto is a nostalgic piece. I've combined the patterning wheel and mechanism concept from a 1986 sculpture called Puppeteer with what I've learned in the ensuing 14 years. The resultant new sculpture is larger, runs longer and I think looks better but still has the strong optical patterning effect of the older design.

The "arms" at the top of the sculpture are counter-weighted by long "legs" that frame the left side of the piece. The arms pull on strings that cause the patterning wheels to rotate in opposite directions. This creates a strong moiré effect that appears to grow and shrink.

## Specifications:

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Limited Edition of 150

Size: 47"h x 31"w x 6"d

Power Source: negator spring

Approximate Run Time: 4 hours

Materials: hardwood plywood,  
bearings, string

Geppetto ©2000

## Directions:

### To Mount on Wall:

- DO NOT remove the tape holding the strings in place
- Hold the backboard in the desired location against the wall. Level the bottom edge.
- Place a sharp instrument through the screw holes, marking their positions on the wall.
- Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
- Screw the sculpture to the wall.
- Install the "legs" by removing the leg knobs on the arms and sliding the leg onto the axle. Replace the knob. Do not over tighten. The legs must swing freely.
- Remove the tape holding the strings in place.

### To Wind

- Turn the large pulley wheel clockwise 24 turns and then slowly back up 1/4 turn until the ratchet catches.

### To Start

- CAUTION: Do not attempt to start the sculpture by spinning the patterning wheels. This will cause the strings to tangle!
- If Geppetto does not start by itself, gently pull down on the "leg" (see diagram, not the arm) is in the upper most position until it will go no further and release it.

### To Remove from Wall or Move:

Tape the strings in place before repacking or moving the sculpture. This will save a lot of aggravation when it is time to set the piece up again. See the diagram for the best tape locations.

