

## About the Artist:

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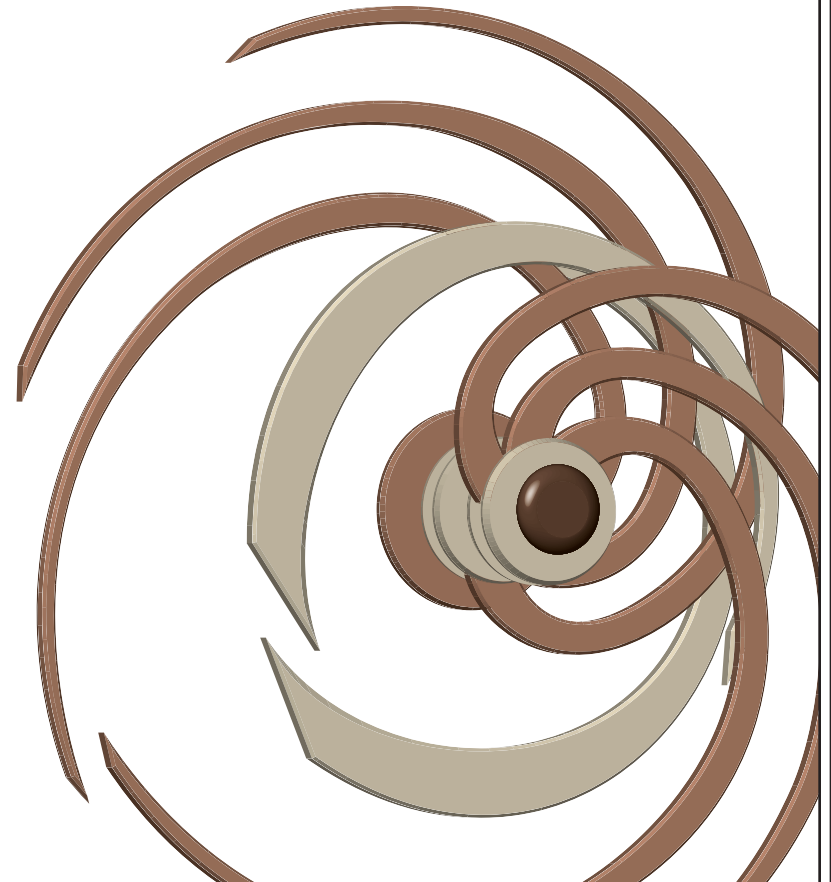
### David C. Roy

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 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

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Tapestry • Directions  
Kinetic Sculpture by David C. Roy  
©1999



## To the Owner...

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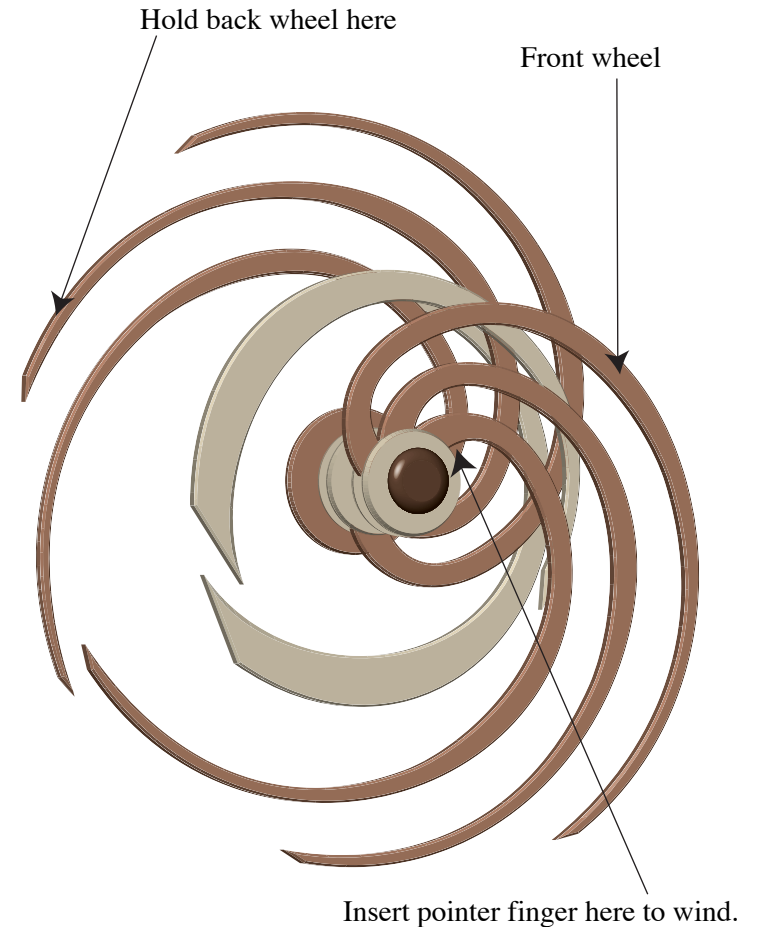
Hello,

Welcome to the world of Wood That Works. This Tapestry is number \_\_\_\_\_ out of a possible 150 pieces. It was made by me during the month of \_\_\_\_\_ in 2003. 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 Tapestry has been my full time occupation for more than 20 years. I hope Tapestry brings you and other viewers as much enjoyment as I've found in making it.

Tapestry 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



## Directions:

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### To Wind

- Hold the back wheel in one hand. Insert your pointer finger between the spokes of the front wheel. Gently and slowly turn it 18 turns counter-clockwise. Release the back wheel when you stop winding the front wheel.

**CAUTION: It is very easy to over wind this sculpture and break the spring. Make sure you turn the front wheel slowly and stop its motion before you reach the tape at the end of the spring.**

### To Start

- If Tapestry doesn't start moving on its own when you finish winding turn the front wheel clockwise.

## About Tapestry:

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**T**apestry weaves intricate patterns of motion with the simplest mechanism I have designed. This is a refined version of the mechanism I first designed for the sculpture *Wings*. The off-balance wheels rotate in opposite directions until they lose their momentum and reverse direction. At this point a small, spring driven ratchet mechanism is engaged and starts the wheels spinning in opposite directions. The patterns of motion that result depend on the relative motion of the wheels just before they get their kick from the mechanism.

## Specifications:

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Approx. Run time: 2 hours

Limited Edition of 150

Size: 35"W x 35"H x 6"D

Materials: hardwood plywood, brass, bearings

Tapestry © 1999

## Directions:

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### To Mount on Wall:

- Tapestry does not need a template for wall mounting. The orientation of the circular base is not important. Clearance of 18 inches is needed from the center of the sculpture out in all directions.
- Hold the sculpture in the desired location against the wall.
- 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.

