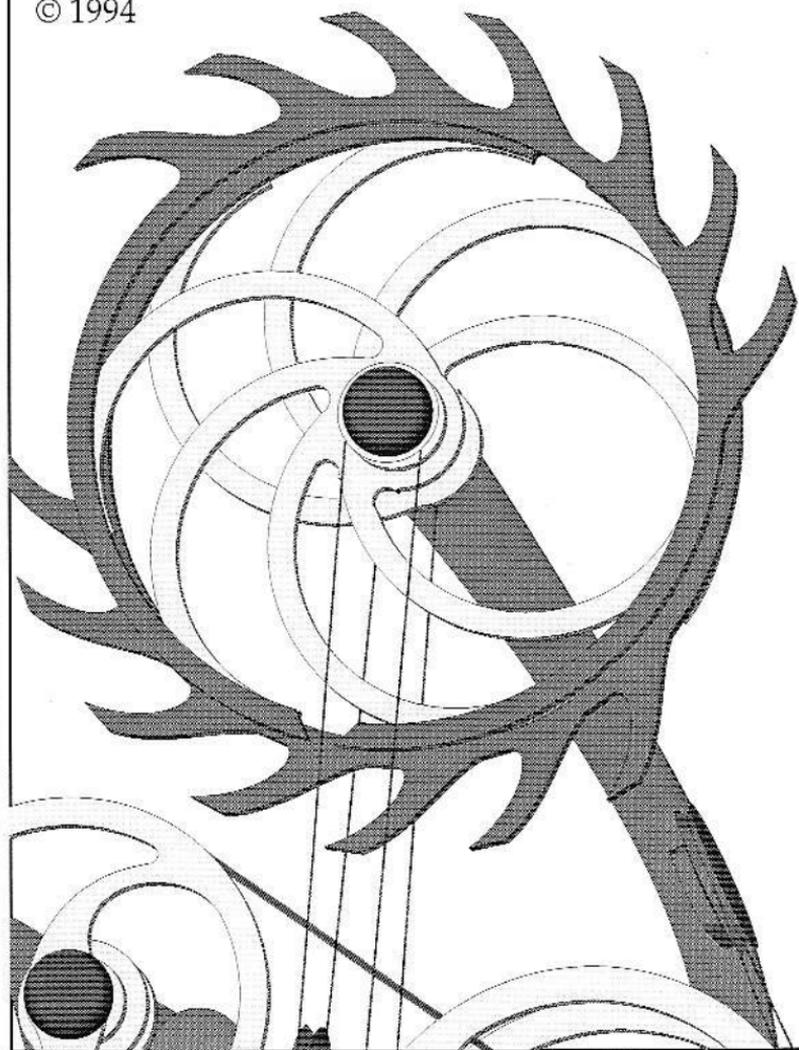


Nova

Directions

Kinetic Sculpture by
David C. Roy
© 1994



To the Owner:

Hello,

Welcome to the world of Wood That Works. This Nova is number _____ out of a possible 150 pieces. It was made by me during the month of _____ in 1995. 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 Nova has been my full time occupation for more than 18 years. I hope Nova brings you and other viewers as much enjoyment as I've found in making it.

Nova 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

About Nova

Nova is a double patterning piece. The outside dark ridges seem to race around the perimeter and pass each other with a quick burst of pattern. The inner, light part of the wheels move at a more sedate pace and seem to envelope each other.

The mechanism powering Nova is a modification of my "quiet" mechanism. I've replaced the traditional "arms" with a pair of double slotted wheels and a pair of smaller pulleys. This is a bit more complicated system, but the slotted wheels aren't limited by their orientation so I can get longer periods of rotation and a somewhat longer run time.

Specifications:

Limited Edition of 150
Size: 34"h x 23"w x 6"d
Power Source: negator spring
Approximate Run Time: 2 hours
Materials: hardwood plywood,
brass, bearings, string
Nova © 1994
Patent No. 4637152

Directions:

To Mount on Wall:

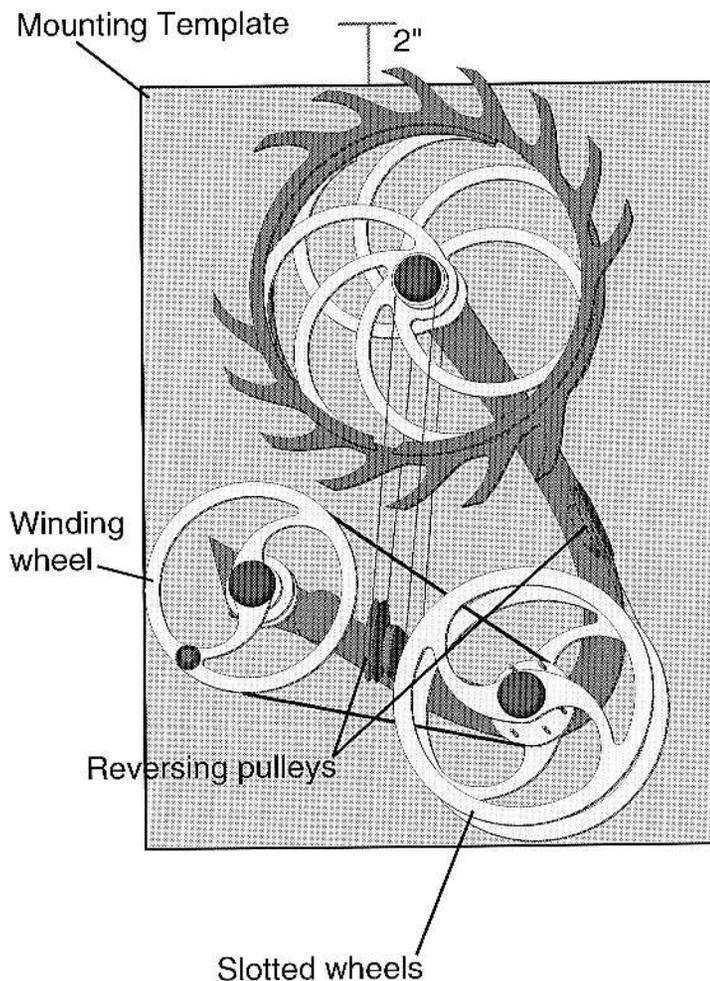
- DO NOT remove the tape holding the strings in place.
- Hold the mounting template in the desired location against a wall. The diagram shows the relationship of the template to the sculpture to guide you in positioning the sculpture on the wall. Please note the minimum clearance dimensions are shown at the edges of the template.
- Level the bottom edge of the template.
- Place a sharp instrument through the screw holes, marking their positions on the wall. Remove and save the template.
- Drill pilot holes. If the wall is sheetrock or plaster use plastic anchors.
- Screw the sculpture to the wall.
- Remove the tape holding the strings in place.

To Wind

- Turn the winding wheel clockwise 20 turns.

To Start

- If Nova does not start immediately after winding, gently push one of the upper wheels until the mechanism clicks.



Directions:

Before Moving Sculpture:

- Always tape the strings in place before 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.

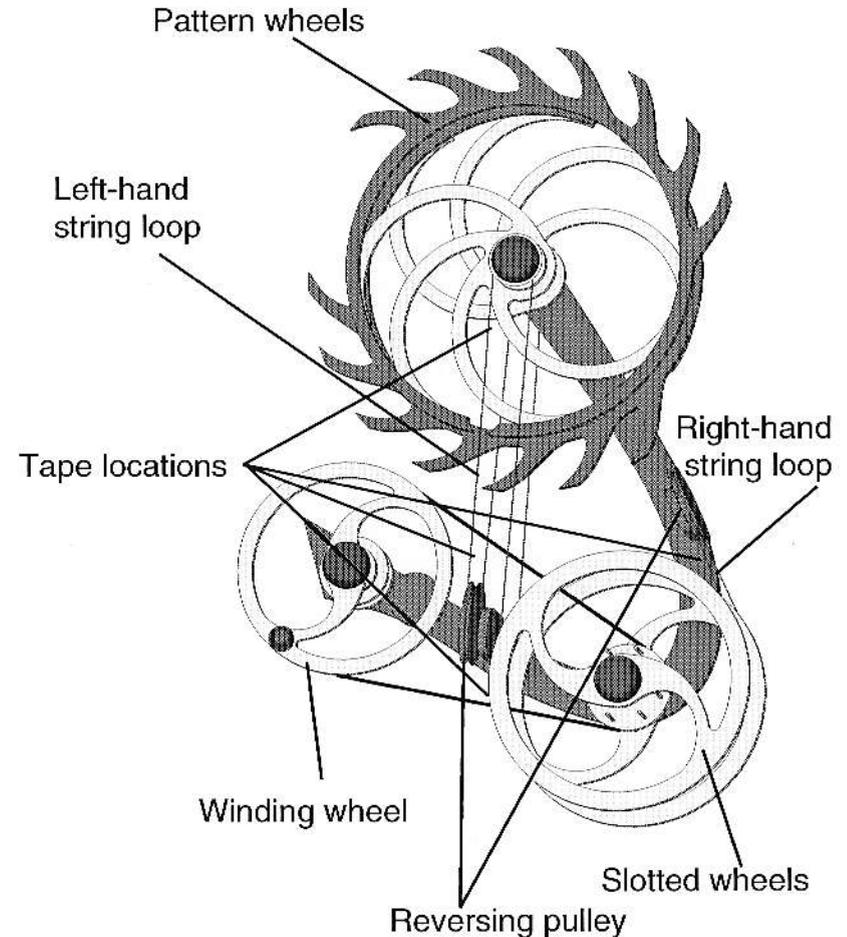
To Restring Sculpture:

If the strings do come out of the pulleys, they can be reinstalled. It helps to have an extra pair of hands.

- If the sculpture is partially wound, turn the winding wheel counter-clockwise. This will create a squeaking noise as the belt slips. Unwind until you see the end of the brass power spring attached to the winding wheel spool.
- Please study the diagram to the right. The stringing is composed of two separate string loops - one on the left side of the slotted wheels and one on the right.
- The one on the left side is attached to both slotted wheels, goes up and over the front and back patterning wheel pulleys and then is looped over the left-hand reversing pulley.
- The right-hand loop provides the tension to keep the left-hand loop in place. It is attached to both slotted wheels and looped over the right-hand reversing pulley. It is made of an elastic nylon string. I find it easier to place the left-hand loop first and then loop the right-hand side in place.

Guarantee

- Workmanship and materials are unconditionally guaranteed. I will repair the sculpture without charge if it is returned post paid.
- I will charge a reasonable repair fee if the sculpture was damaged by misuse.



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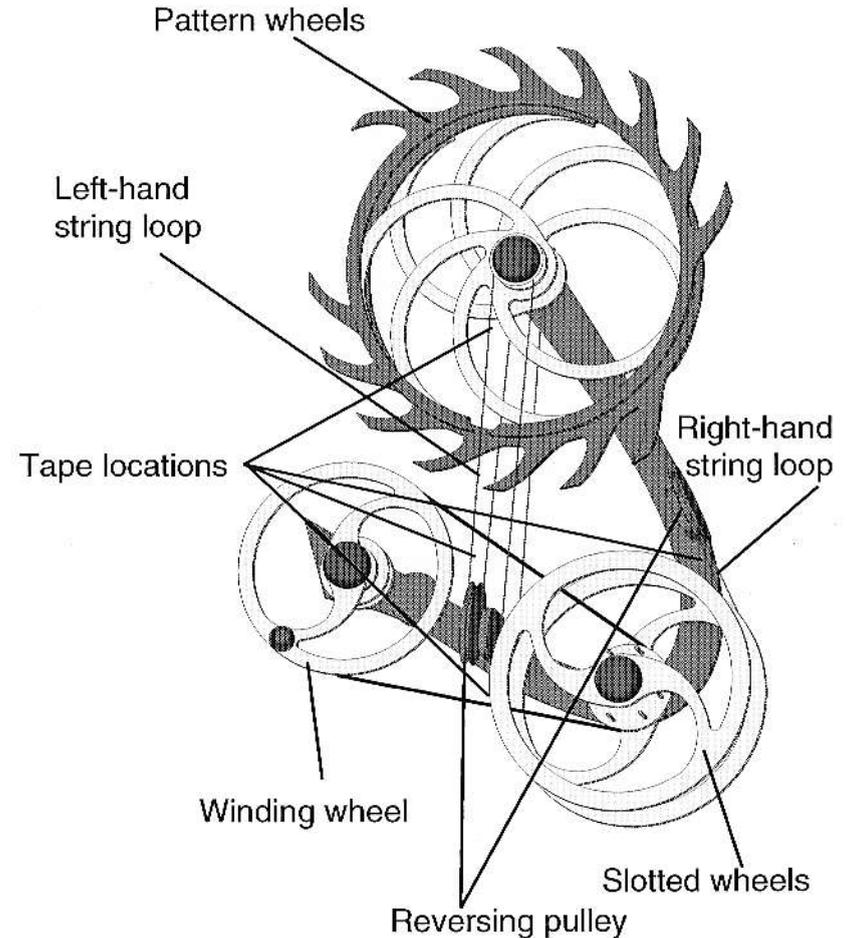
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About The Artist:

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 75 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 eastern Connecticut.