



NORMAN TUCK @1981
DISCO

SLIDESHOW

NORMAN TUCK

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The Artwork of Norman Tuck

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printing N



SLIDESHOW

The Artwork of Norman Tuck

72 works are presented here,
many are gone,
many have found permanent homes,
and 38 (marked *) are currently
in the collection of the Artist.

For more information
or to contact Norman visit:
normantuck.com



RED AND BLUE (RED SIDE) - 1966

5 ft. x 6 ft. x 2 ft.

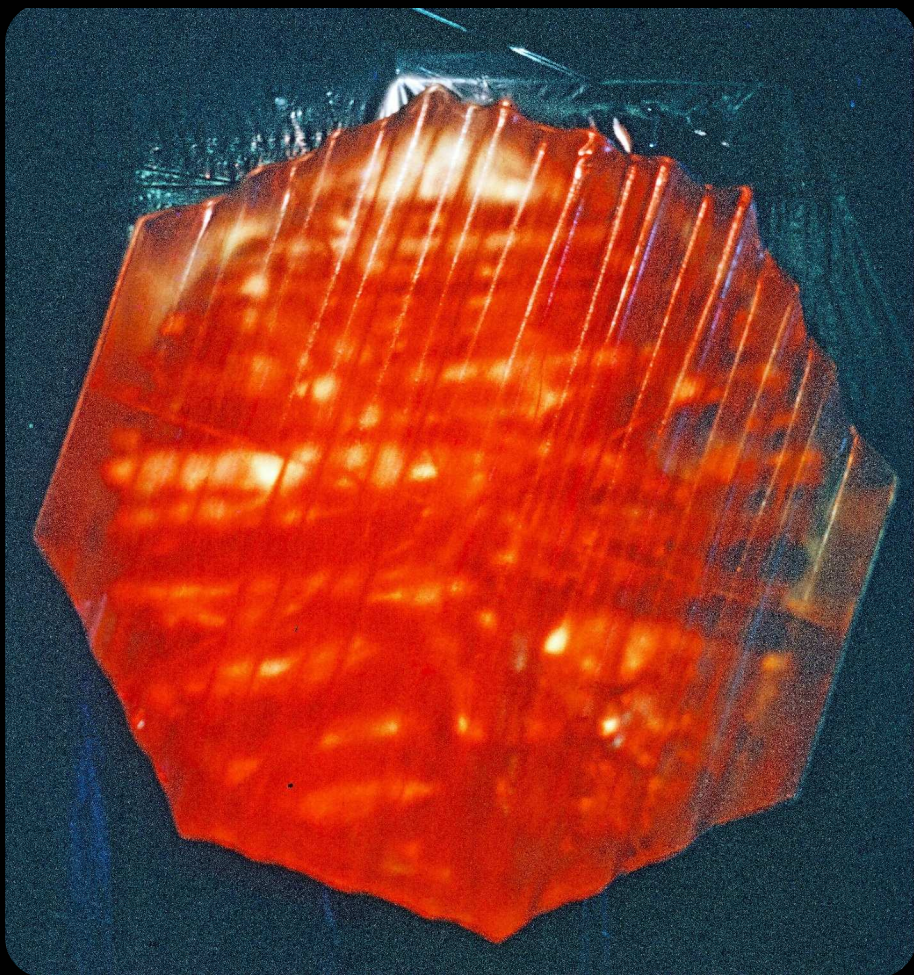
rotating internal illumination



RED AND BLUE (BLUE SIDE) - 1966
5 ft. x 6 ft. x 2 ft.
rotating screen - steady internal illuminated



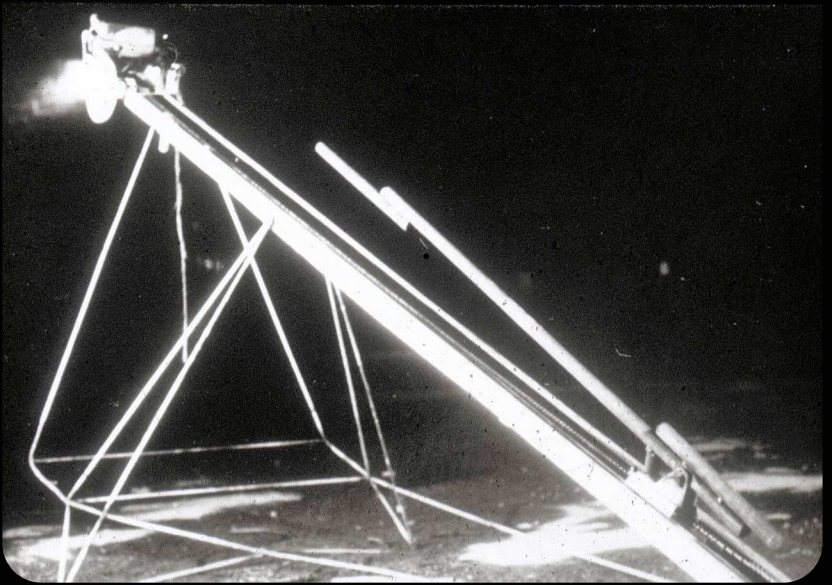
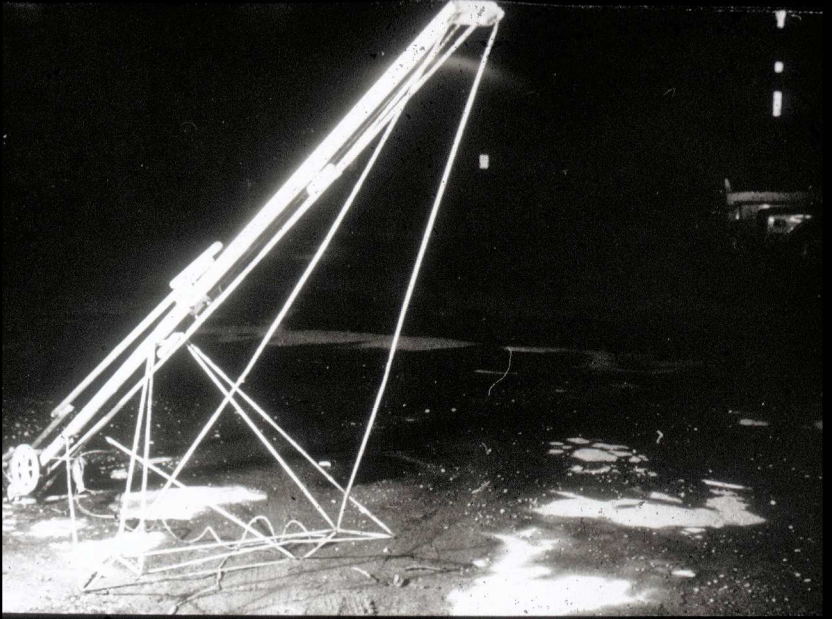
OCTAGON - 1967



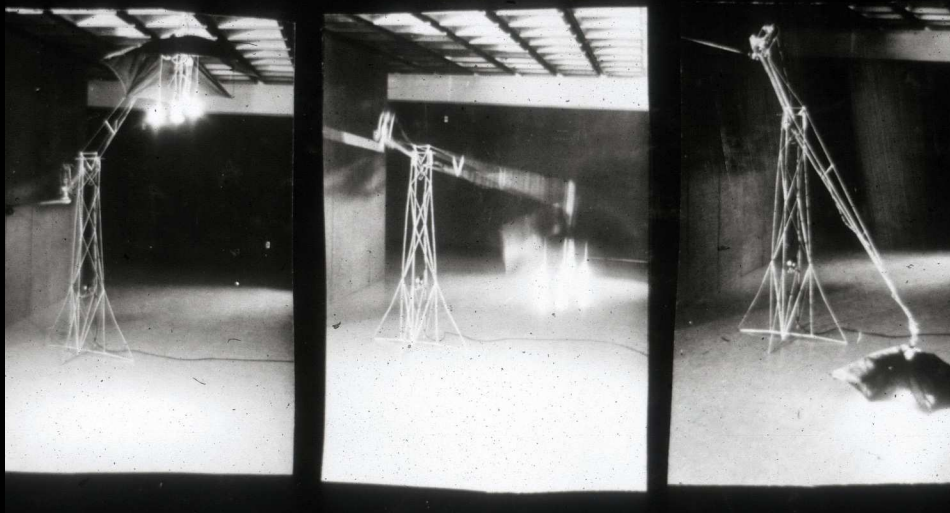
OCTAGON - 1967
8 ft. x 8 ft. x 2 ft.
motorized rotation - approx. 1 rpm



FLORESCENT - 1971
5 ft. x 10 ft. x 5 ft.
rotating florescent tube



BACK AND FORTH ROCK - 1971
13 ft. x 10 ft. x 5 ft.
changing balance

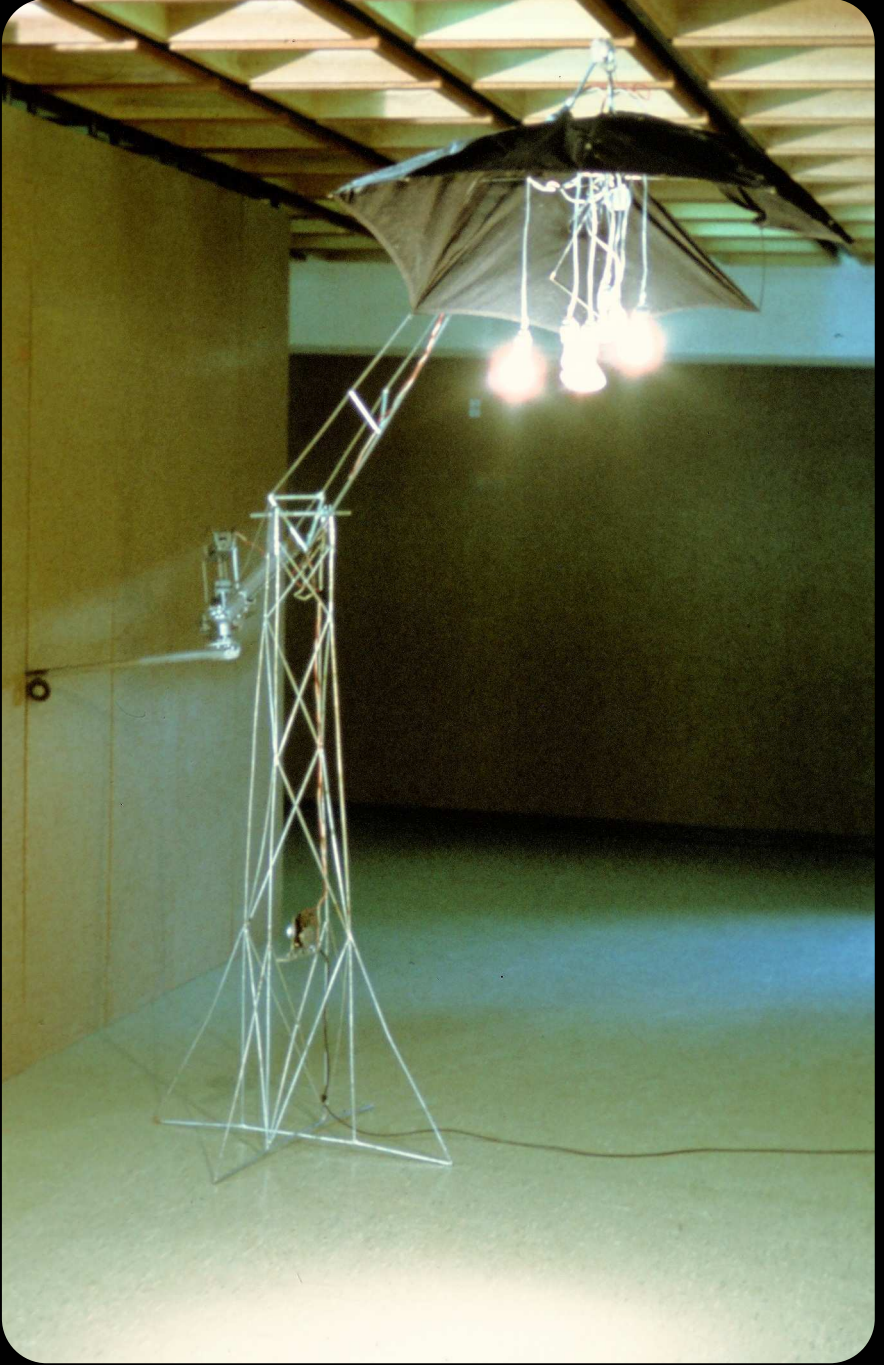


I'LL TELL YOU HOW THE SUN ROSE - 1971

20 ft. x 14 ft. x 5 ft.

12 hour cycle

motorized change in balance



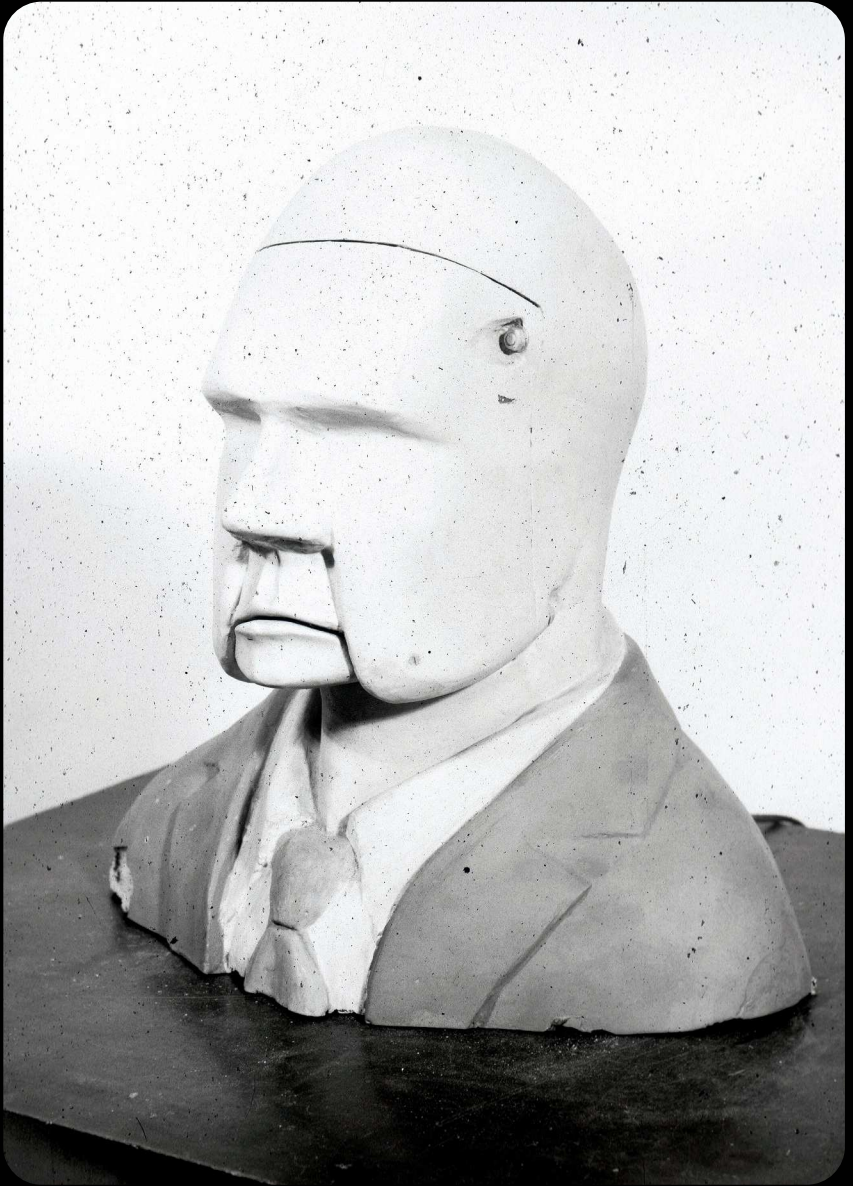




THE SILVER STUDIO - 1970
detail
approx. 20 ft. x 10 ft. x 20 ft.



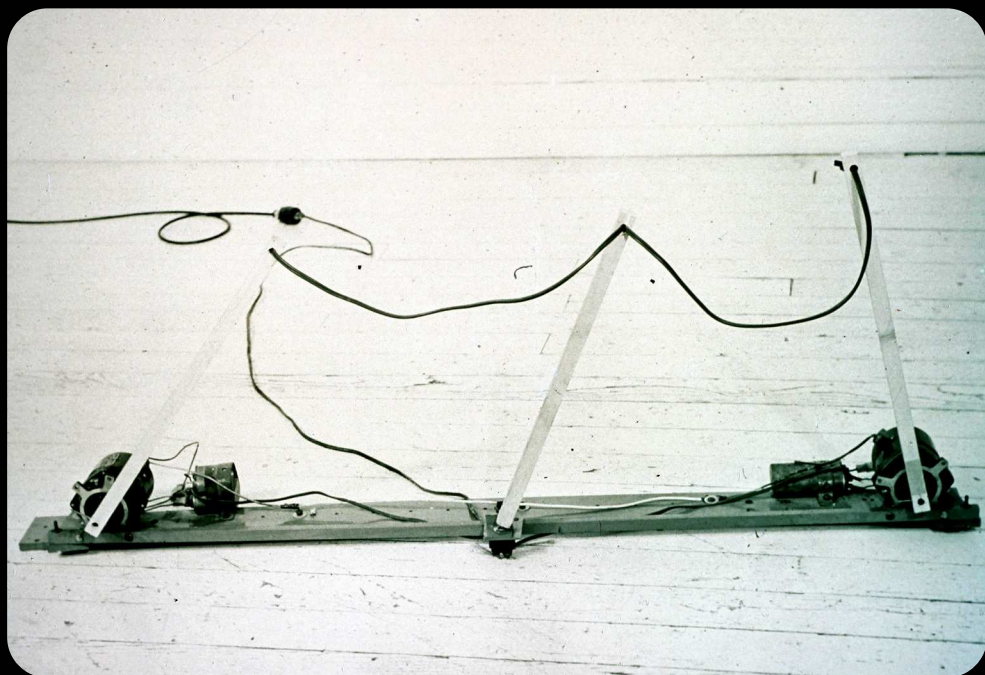
DISK - 1972
4 ft. x 4 ft. x 2 ft.
slow, motorized rotation



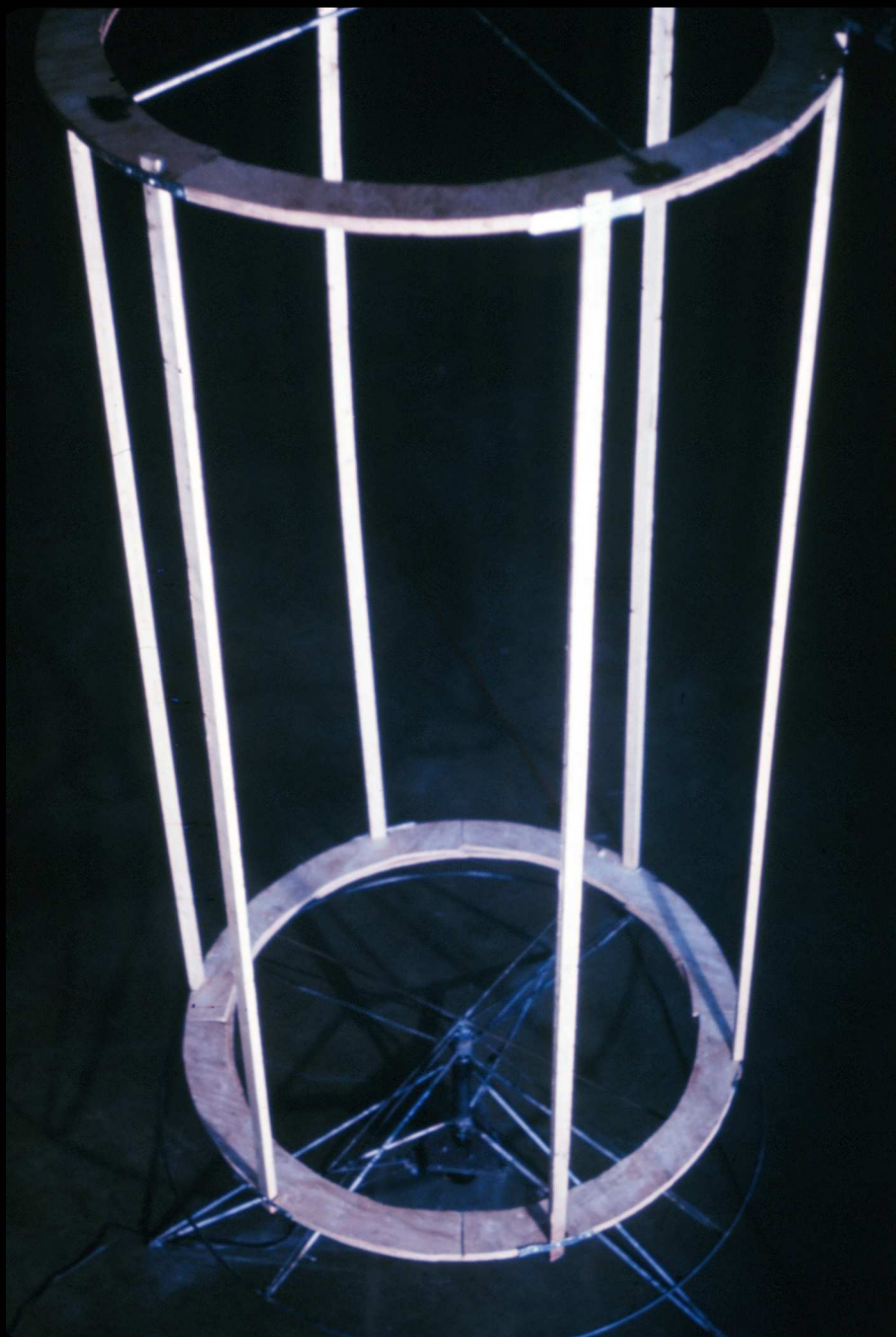
I AM NOT A CROOK - Mechanical Man - 1972
24 in. x 30 in. x 12 in.
timed motorized jaw movement



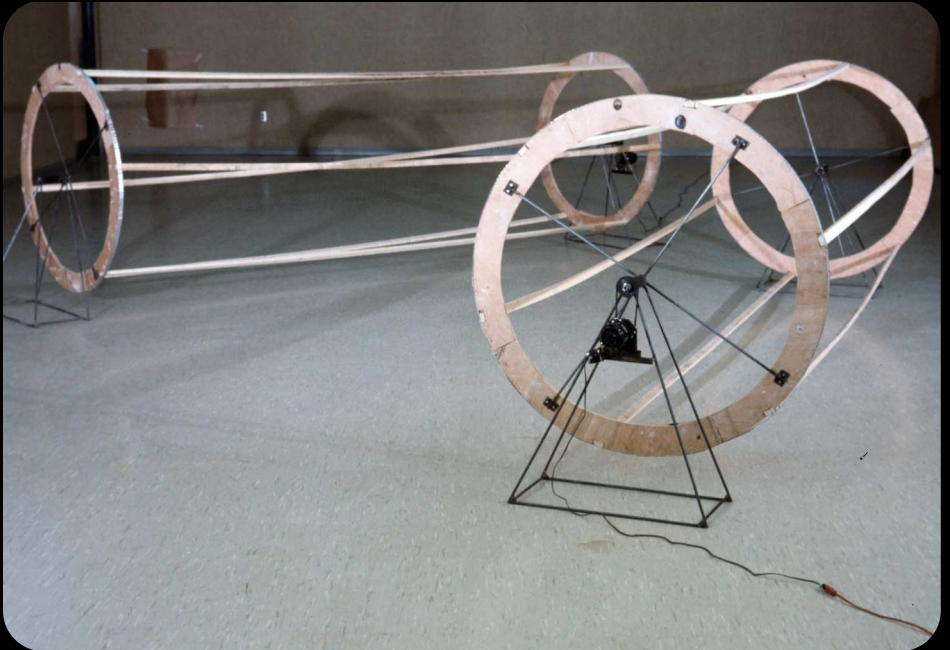
TANGLER - 1972
4 ft. x 12 ft. x 4 ft.



TWO MOTORS FIGHTING OVER A REVERSING SWITCH - 1972
48 in. x 14 in. x 9 in.



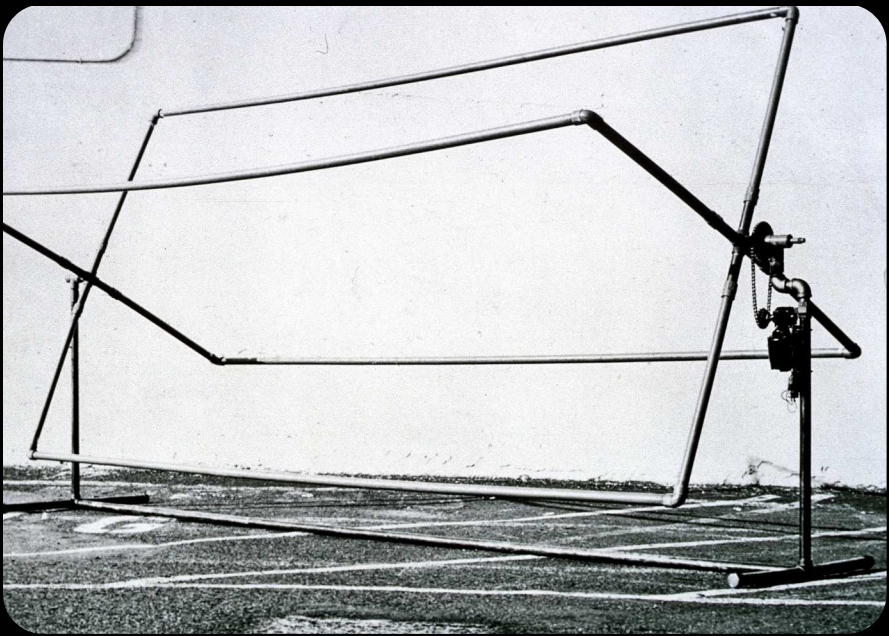
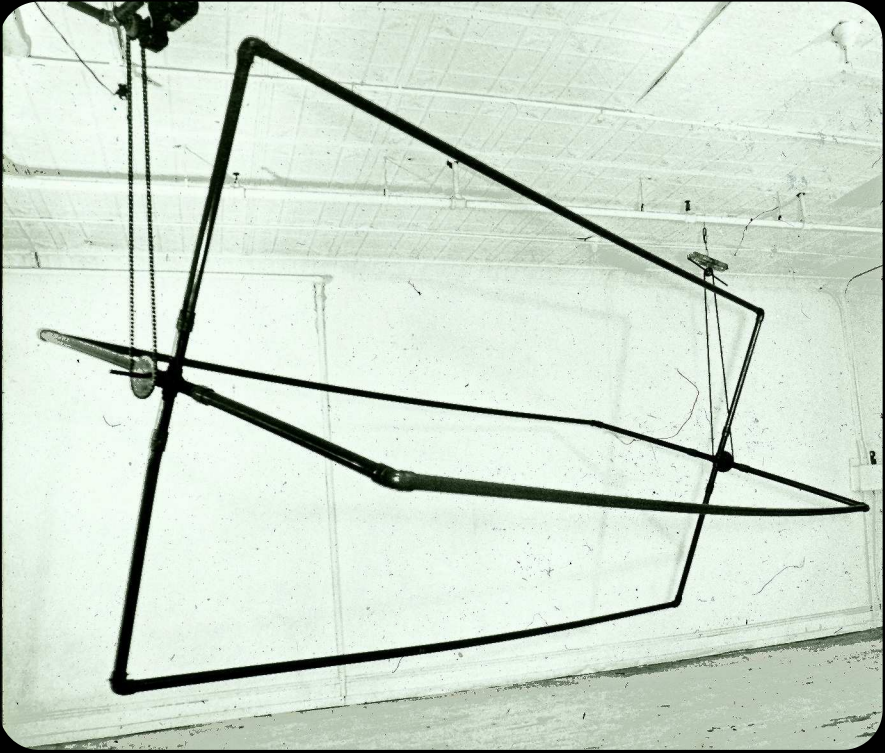
SPINNING DRUM - VERTICAL - 1972
4 ft. x 12 ft. x 4 ft.
approx. 30 RPM



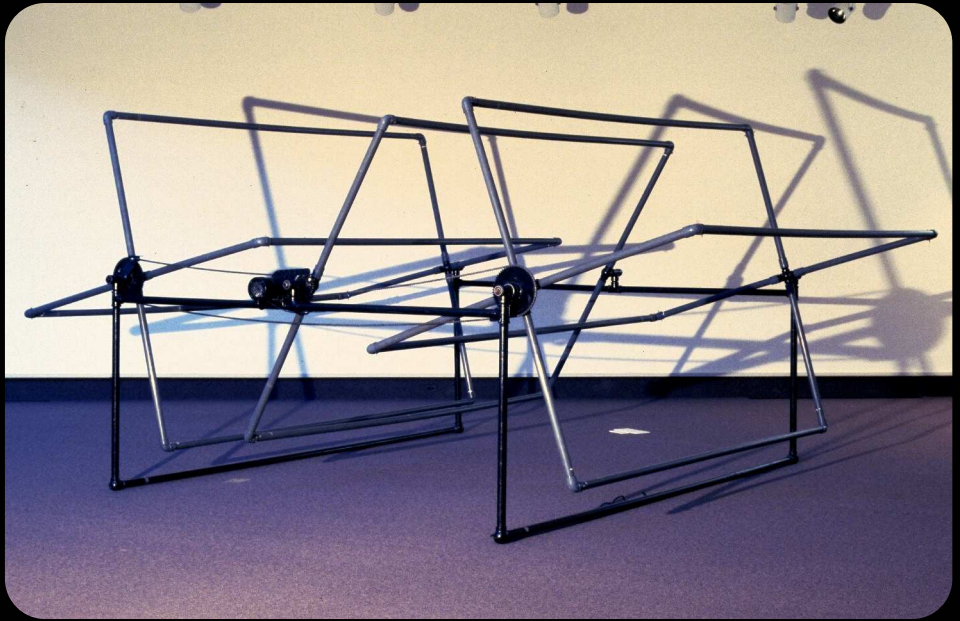
SPINNING DRUMS - HORIZONTAL - 1972

16 ft. x 5 ft. x 4 ft.

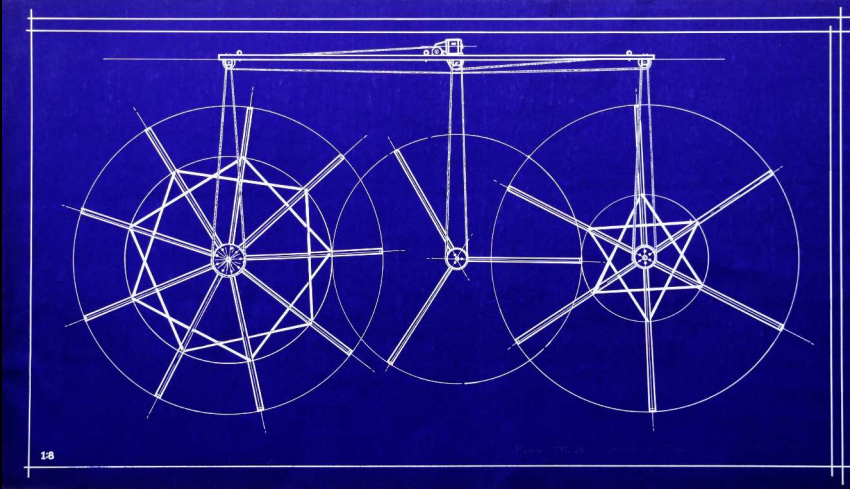
approx. 30 RPM



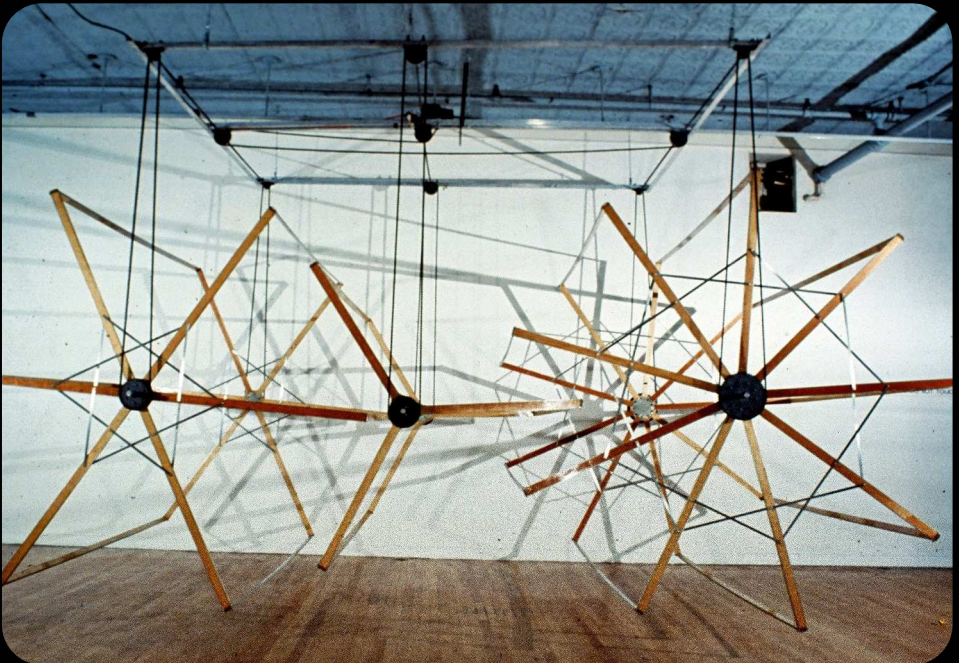
X - hanging / standing - 1973
12 ft. x 10 ft. x 8 ft.

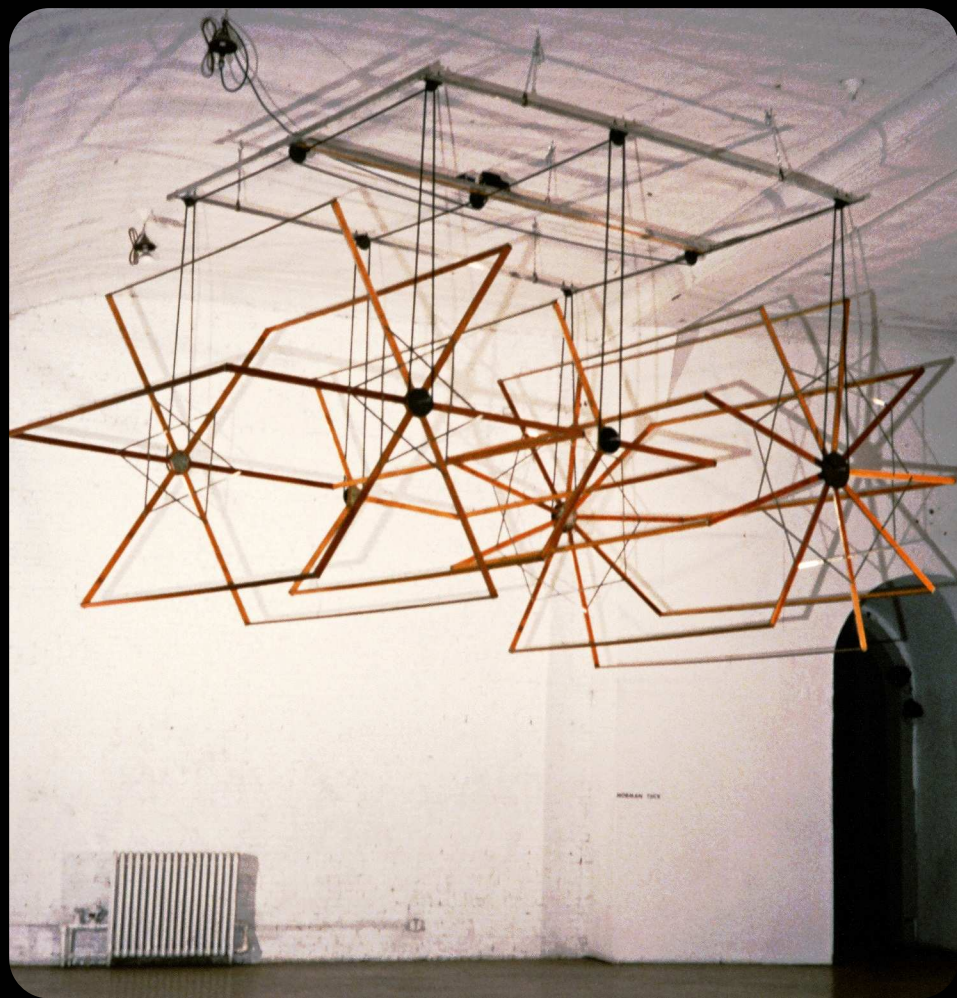


XIX - 1973
15 ft. x 8 ft. x 12 ft.



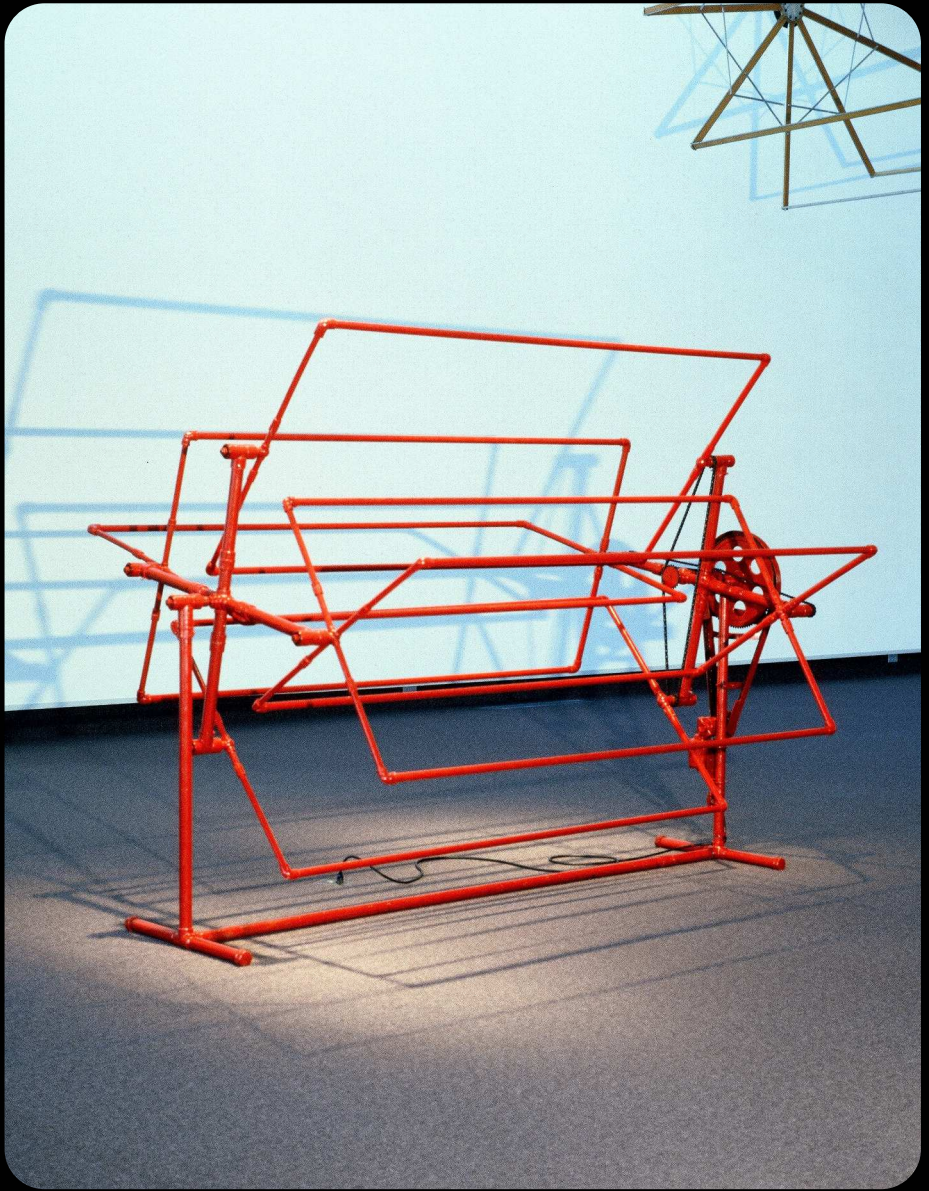
SKY REAPER BLUEPRINT * 1973
36 in. x 19 in.
Cyanotype - Edition of 50



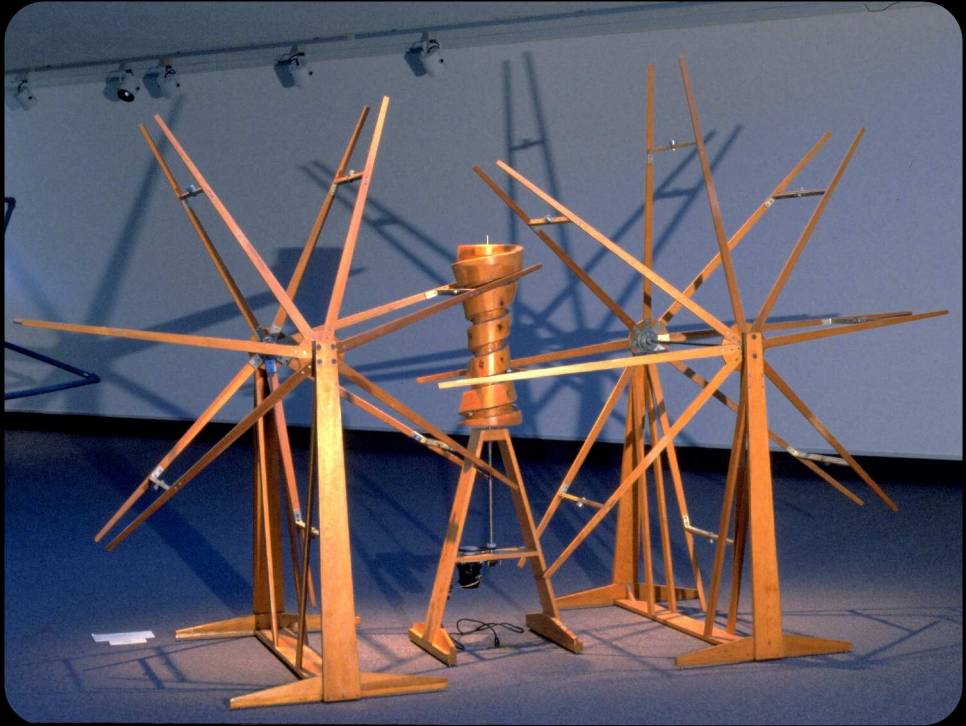


SKY REAPER * 1973
17 ft. x 11 ft. x 11 ft.

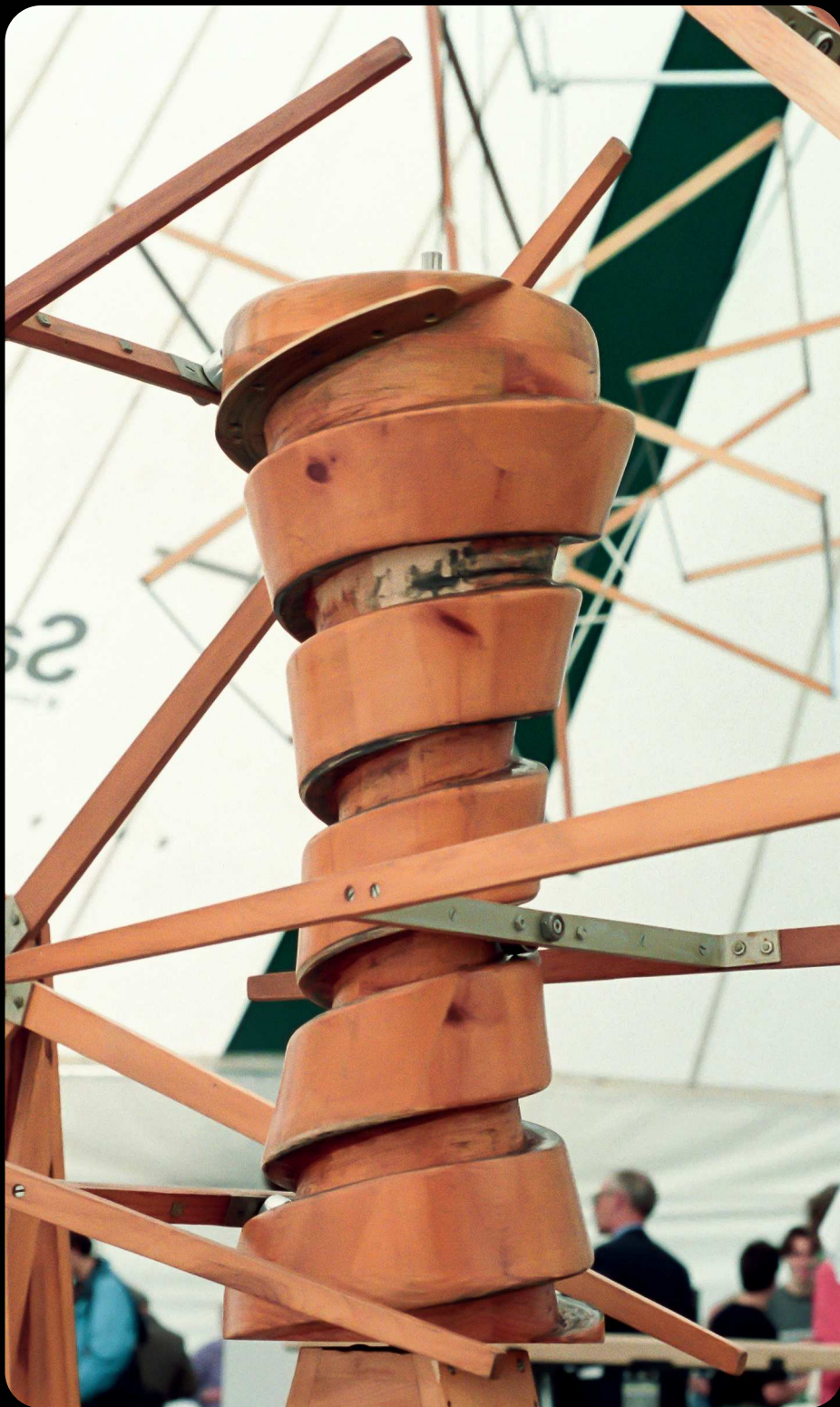


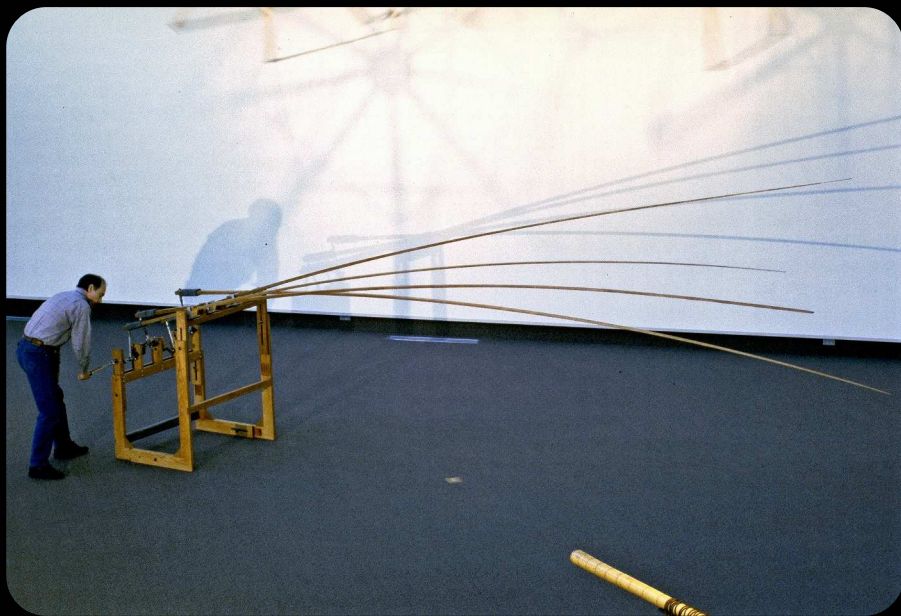


DOUBLE DUTCH - 1974
10 ft. x 8 ft. x 7 ft.



WOODEN SCREW - 1974
16 ft. x 10 ft. x 5 ft.
motorized screw turns framework
in the collection of Parque de las Ciencias, Granada, Spain

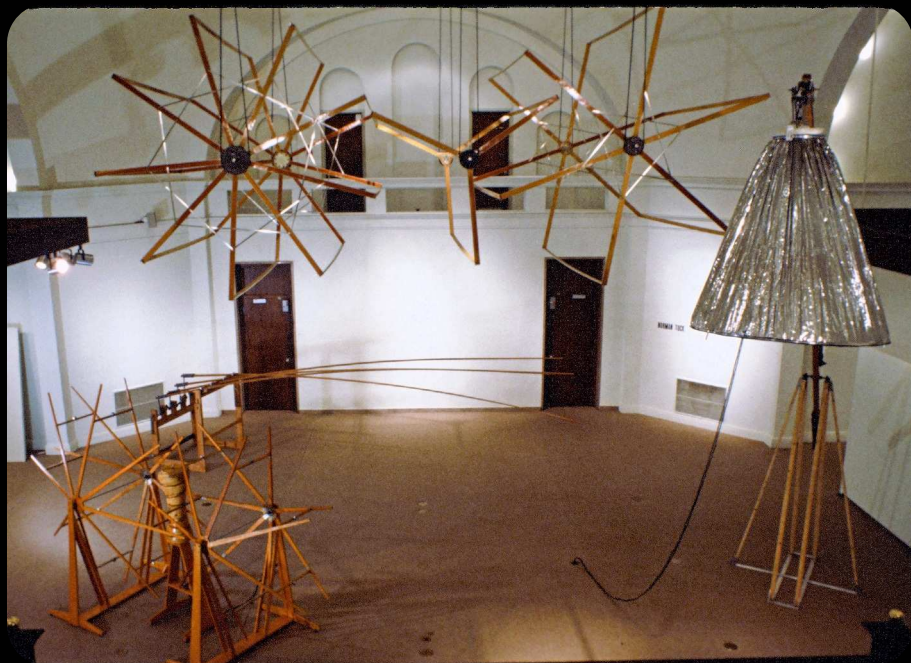




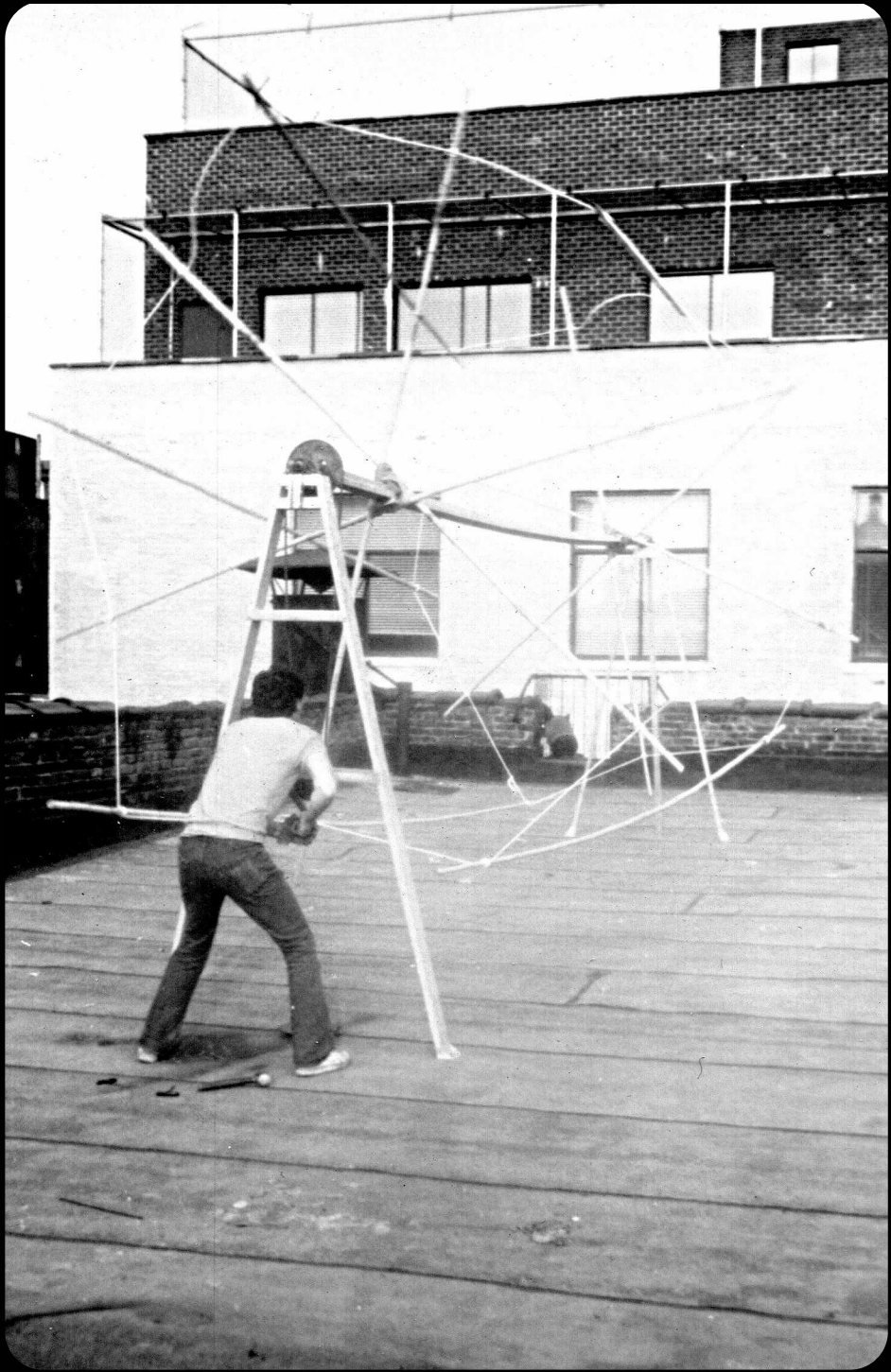
WAVE GENERATOR - 1975

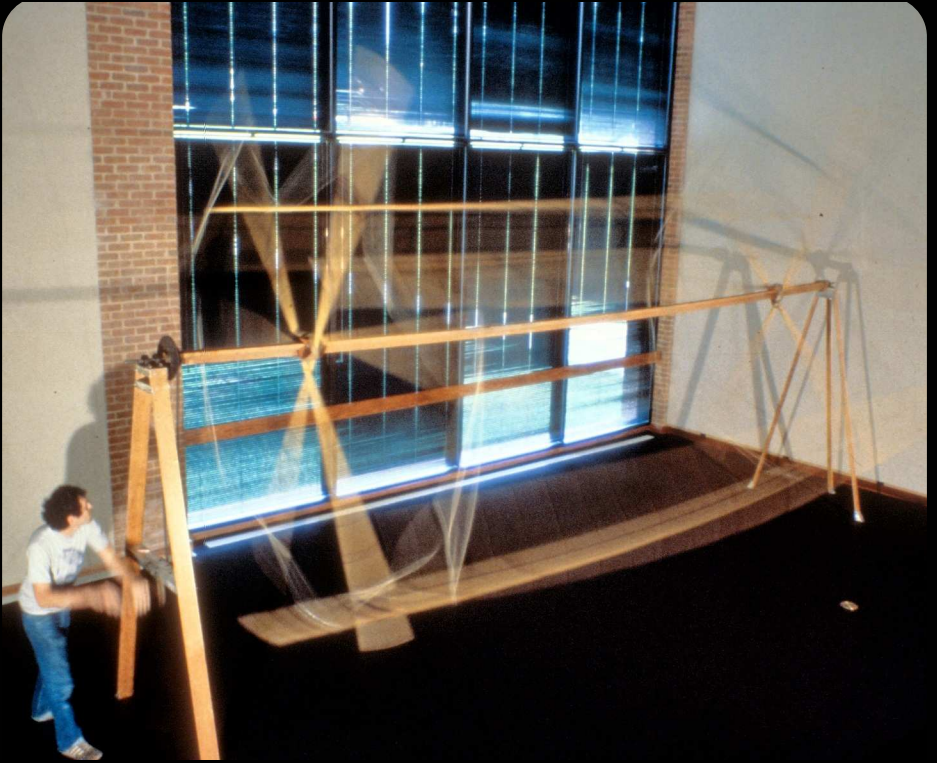
20 ft. x 12 ft. x 5 ft.

in the collection of phaeno Museum, Wolfsburg, Germany

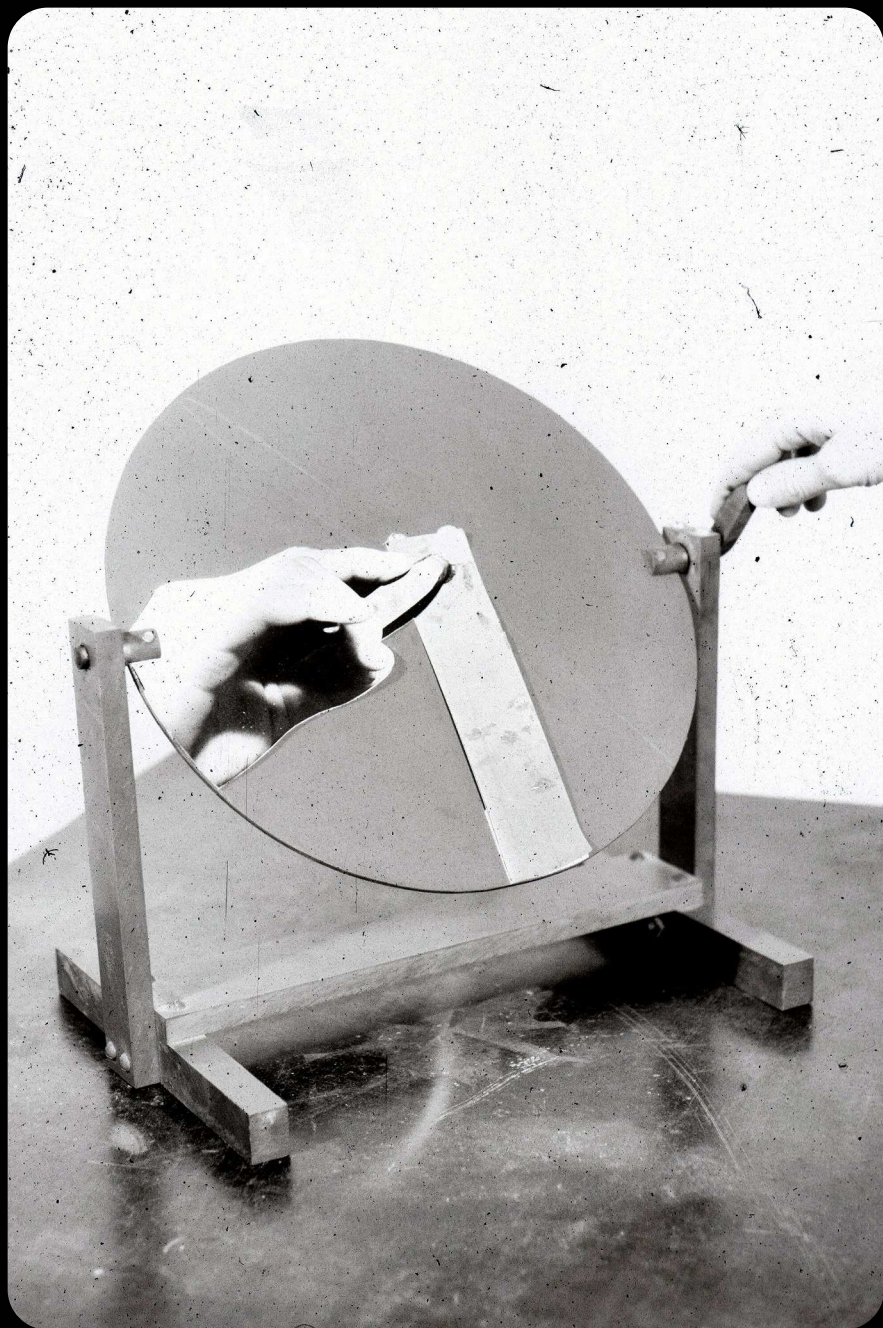


RUTGERS UNIVERSITY - 1978

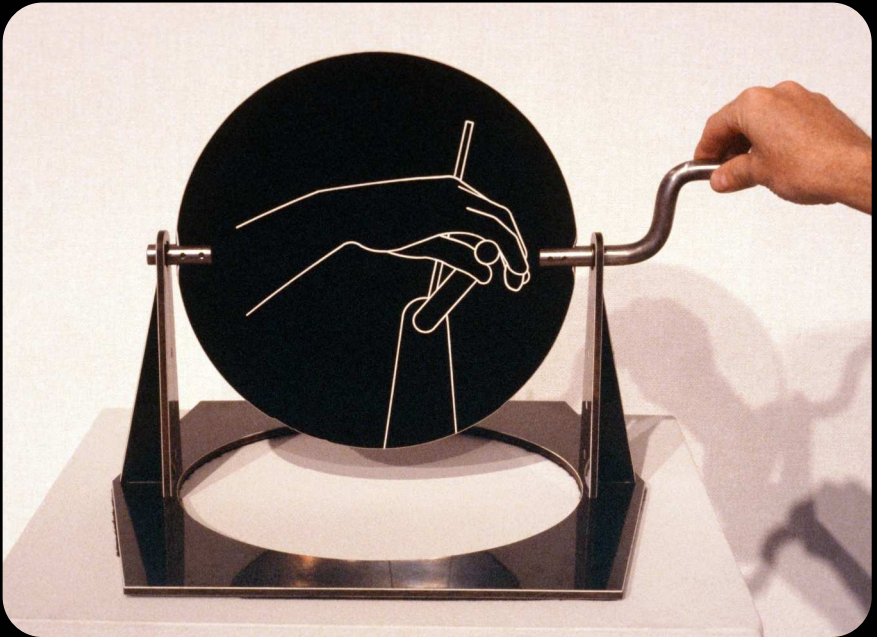
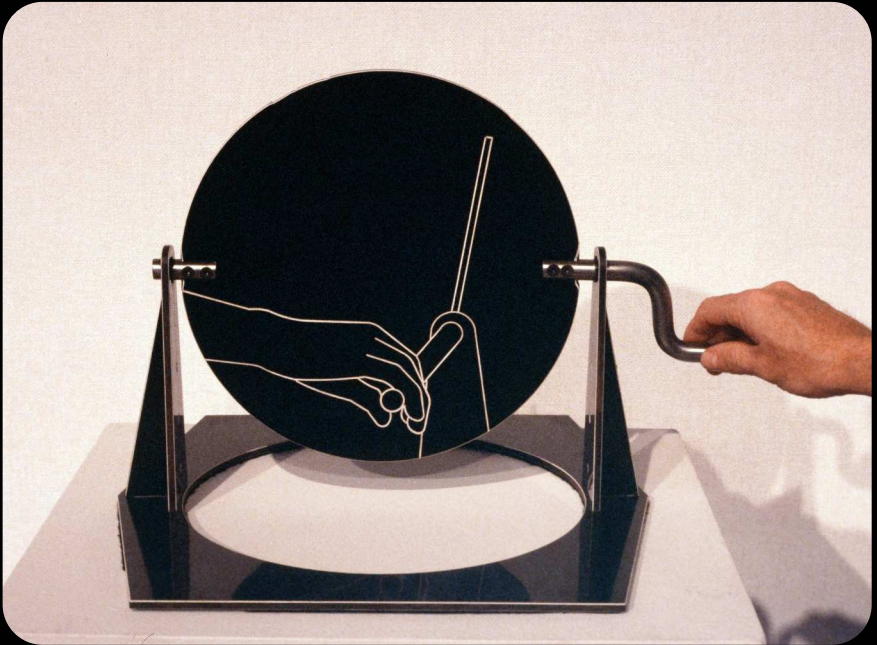




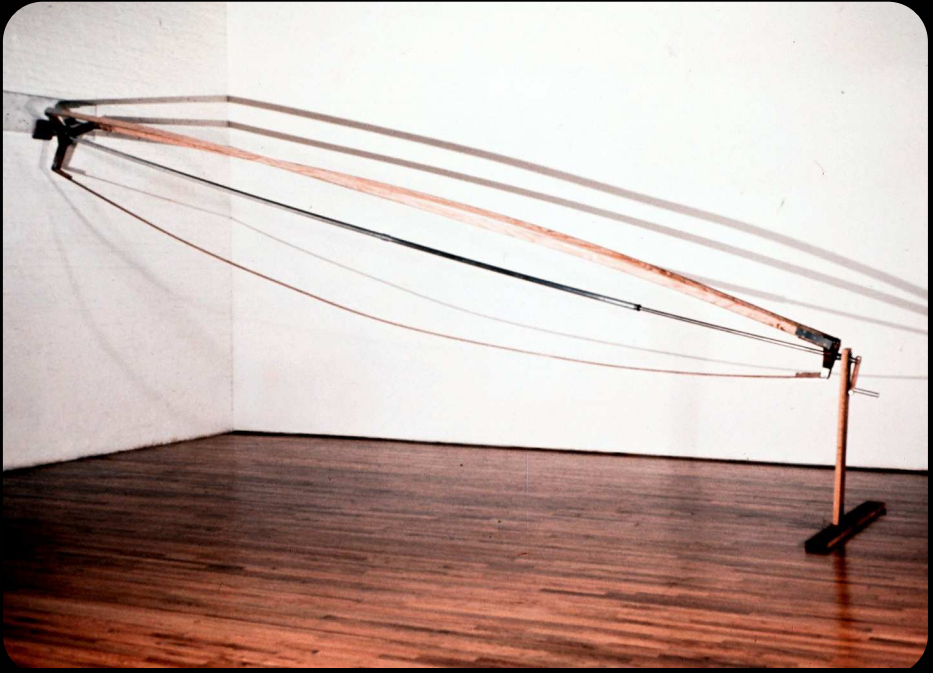
CENTRIFUGAL PIECE - 1977
26 ft. x 16 ft. x 14 ft.



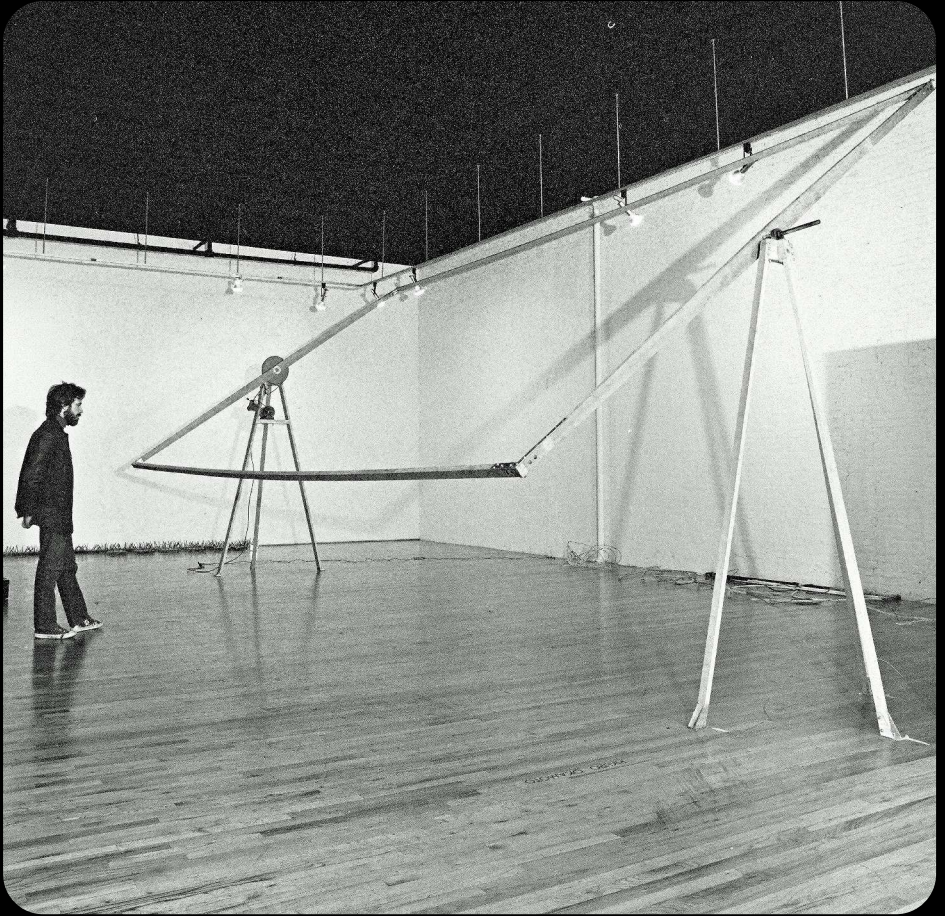
HAND FLIPPER - 1971
2 ft. x 2 ft. x 2 ft.



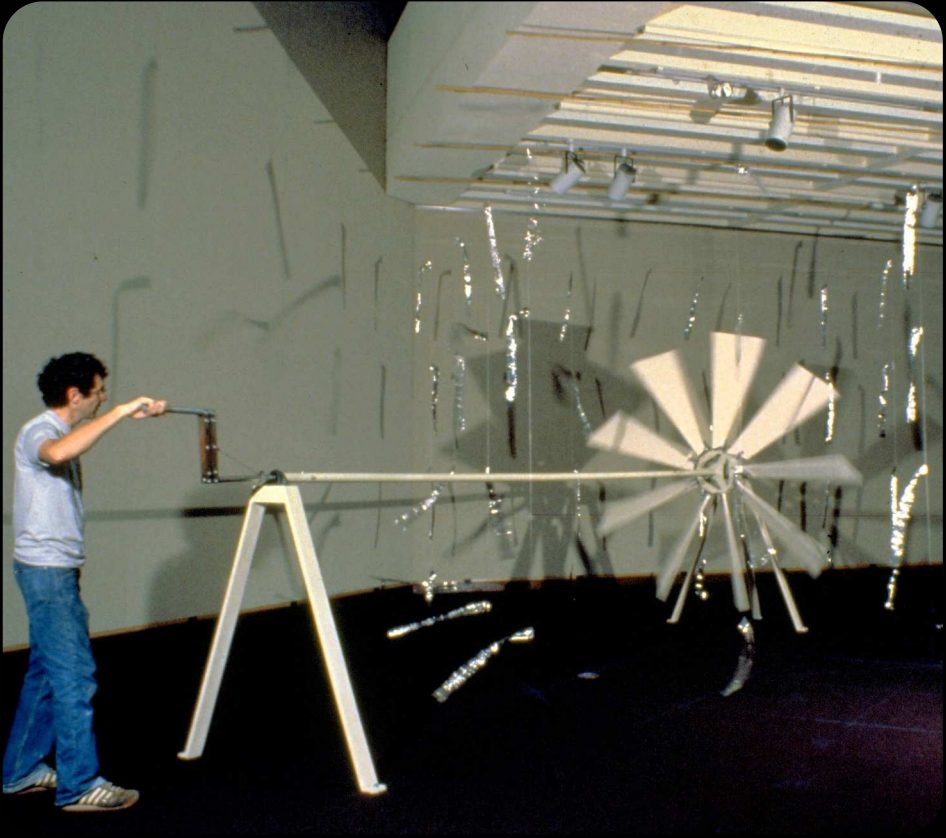
FLIPPER * 1977
17 in. x 15 in x 15 in.
edition of 10



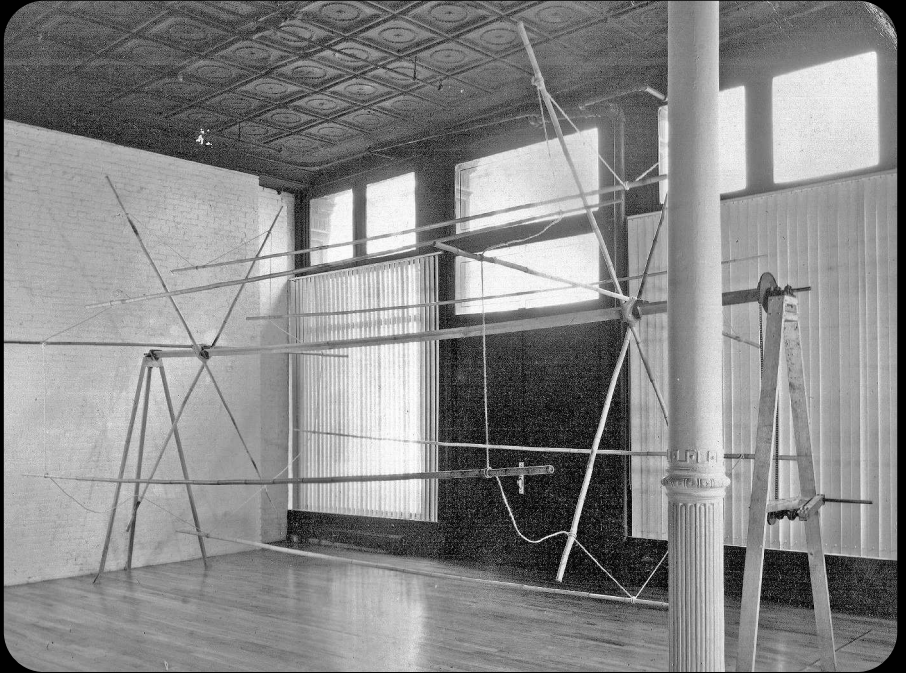
EXPANDING PIECE - 1976
21 ft. x 16 ft. x 14 ft.



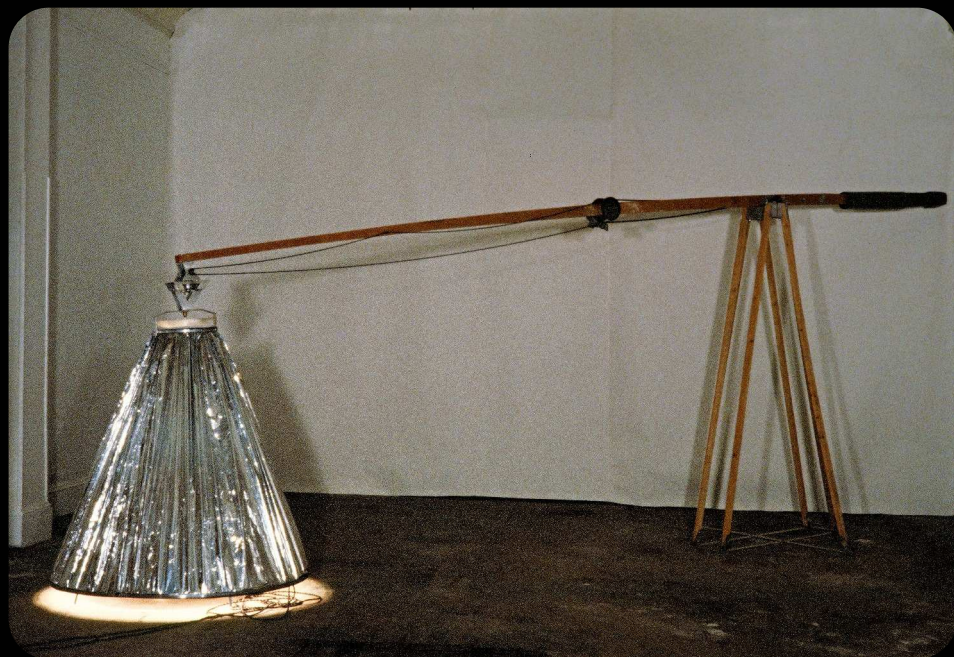
ROTATING RECTANGLE - 1977
25 ft. x 13 ft. x 13 ft.
approx. 15 RPM



FAN INSTALLATION - 1977
10 ft. x 20 ft. x 12 ft.



OK HARRIS GALLERY - 1977

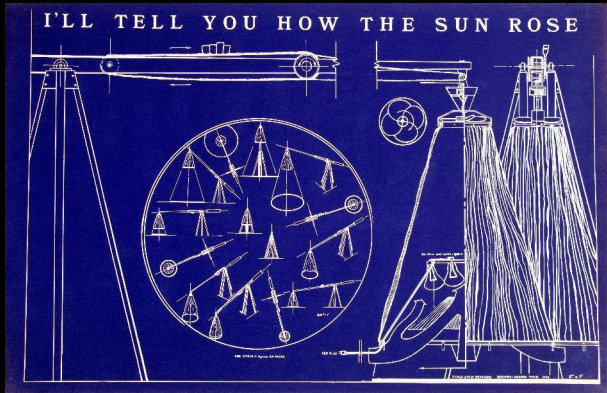


I'LL TELL YOU HOW THE SUN ROSE #2 - 1978

23 ft. x 16 ft. x 6 ft.

24 hour cycle

Heated air spins a fan, mechanically changing the balance to raise the lantern.



SUNRISE BLUEPRINT * 1978
36 in. x 24 in. - Cyanotype





WATER WHEEL * 1979
12 ft. x 12 ft. x 12 ft.



outdoors, with water



indoors, with Styrofoam and tissue



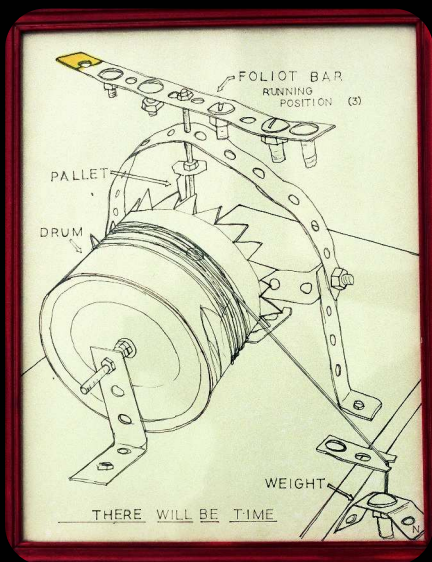
DISCO at Coney Island
c.1981



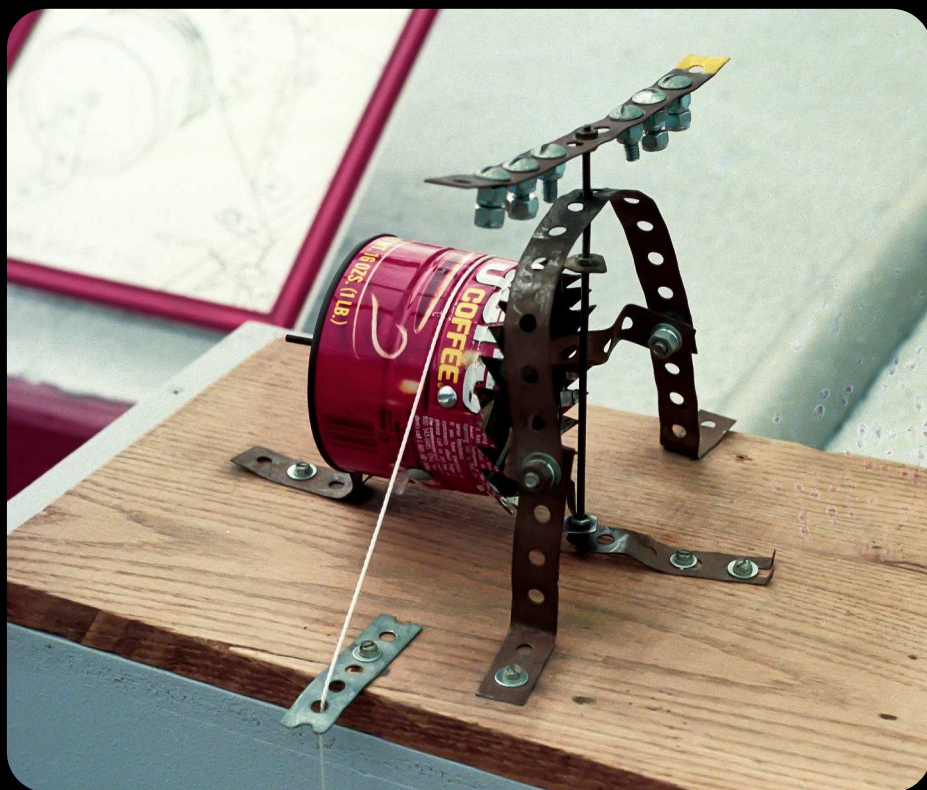
DISCO 3 - 2005
in the collection of phaeno Museum, Wolfsburg, Germany



DISCO * 1981
12 ft. x 4 ft. x 12 ft.



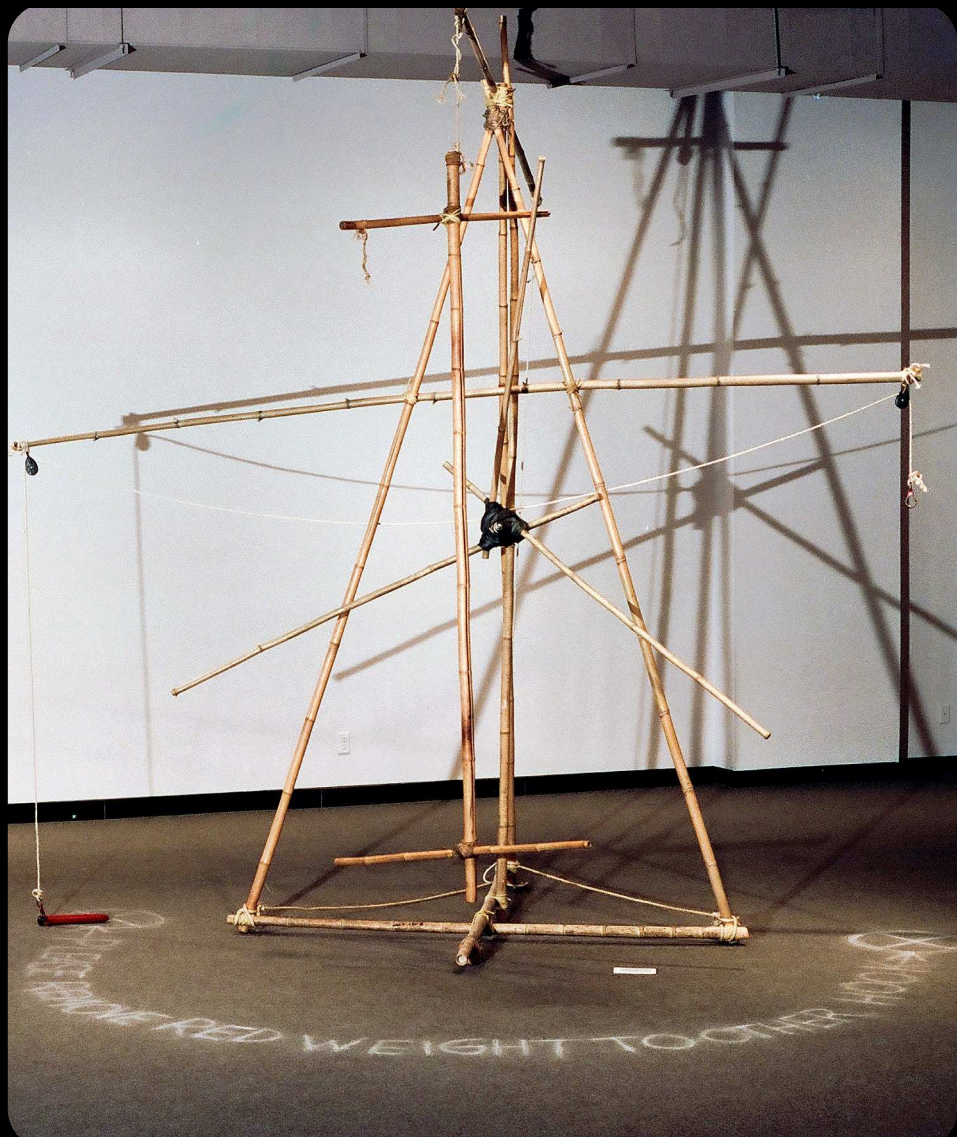
DRAWING * - c. 1990



THERE WILL BE TIME - 1981
18 in. x 9 in. x 12 in.
weight driven, 1 winding = approx. 40 seconds.
in the collection of Joe Ansel



A MONUMENT TO THE FORTH INTERNATIONAL - 1981
18 ft x 20 ft. x 16 ft.



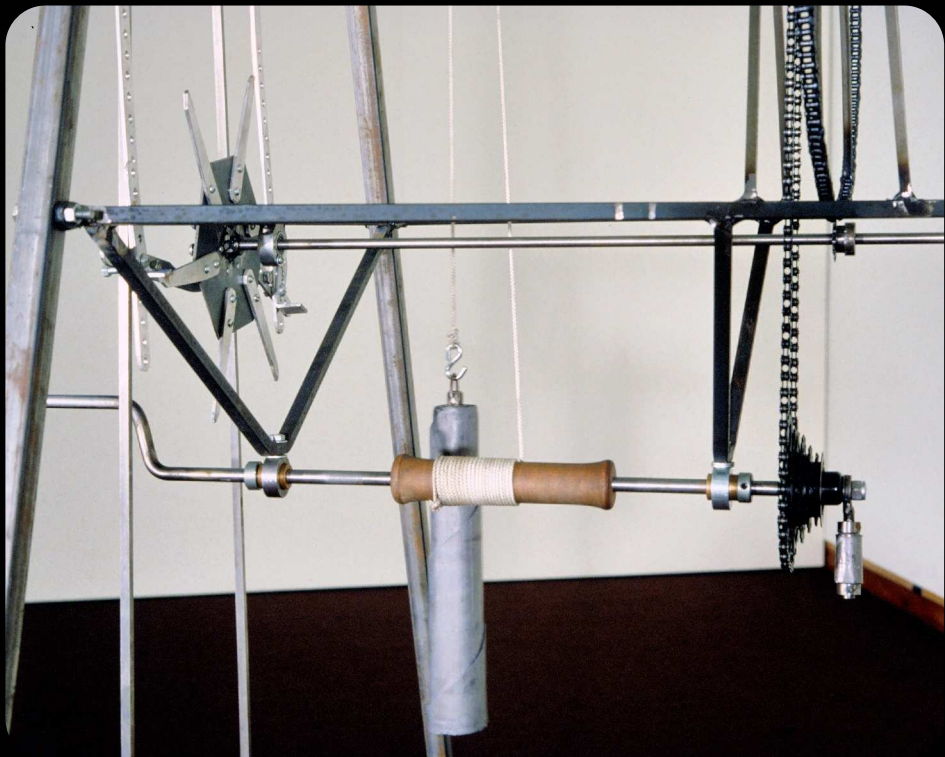
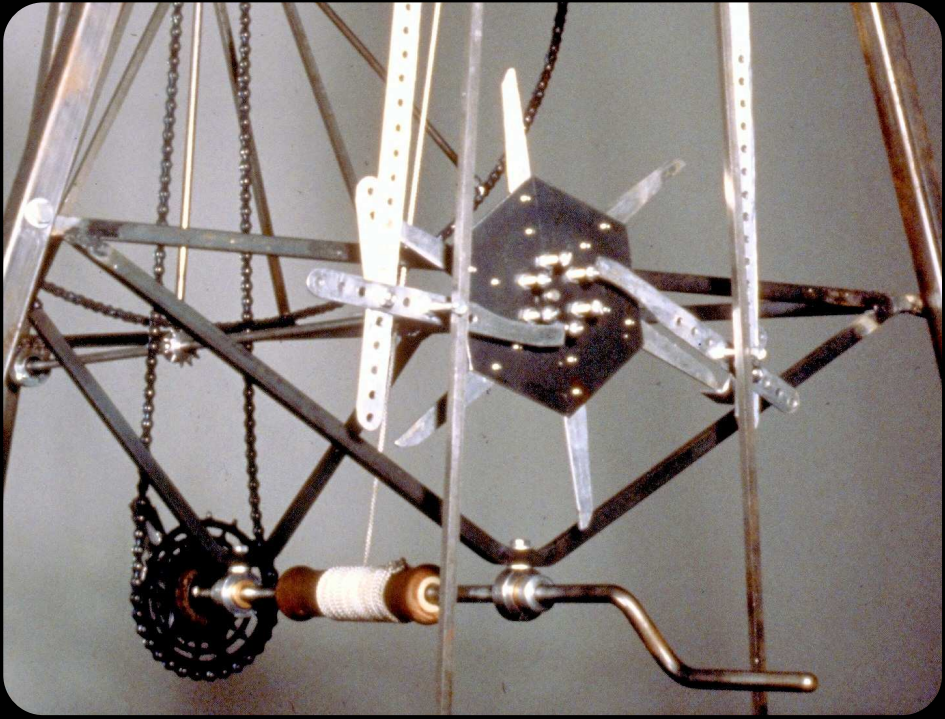
RANDOM CLOCKWORK * 1981

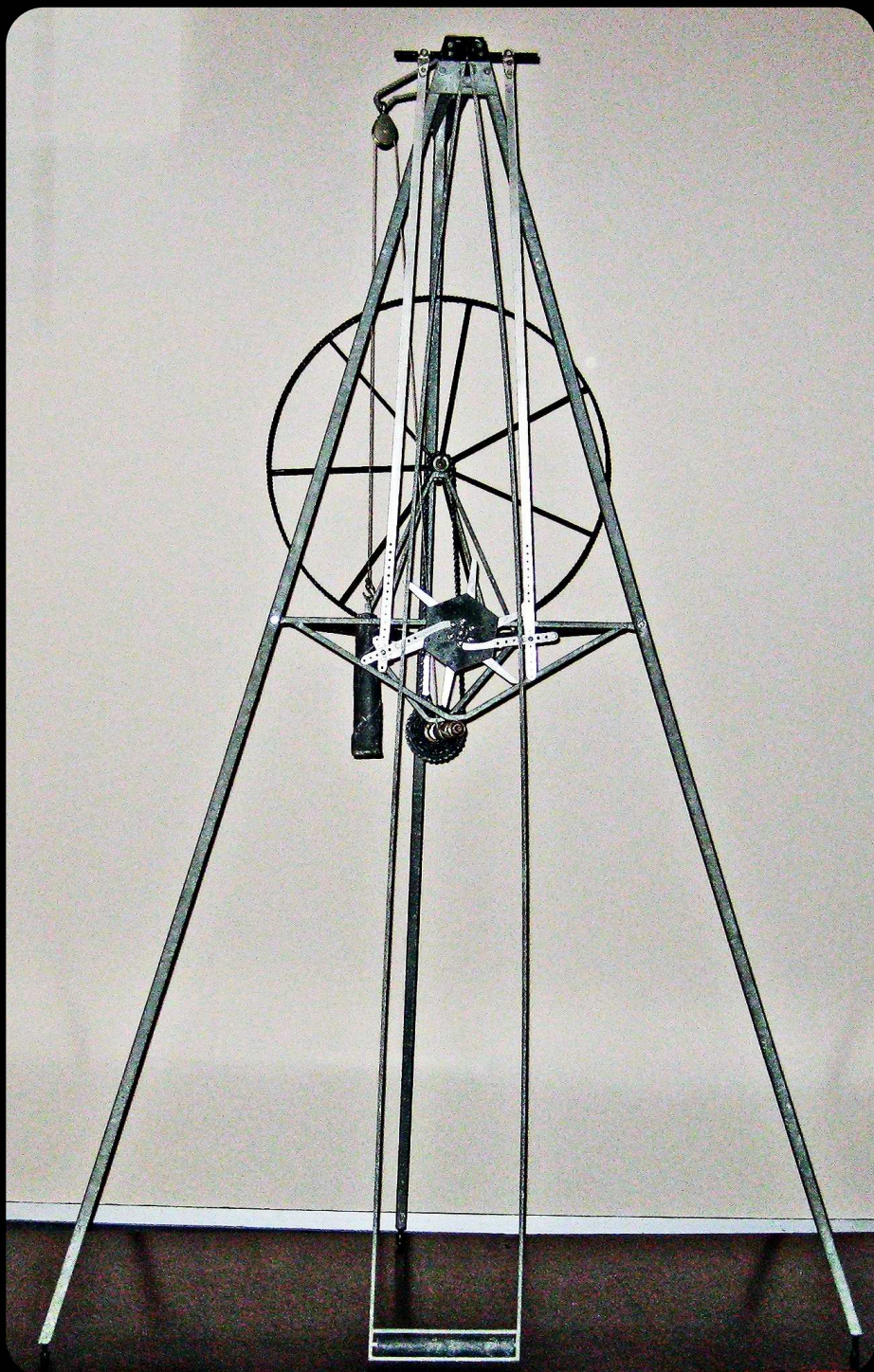
12 f. x 12 ft. x 12 ft.

weight driven, visitor moves weight to other side

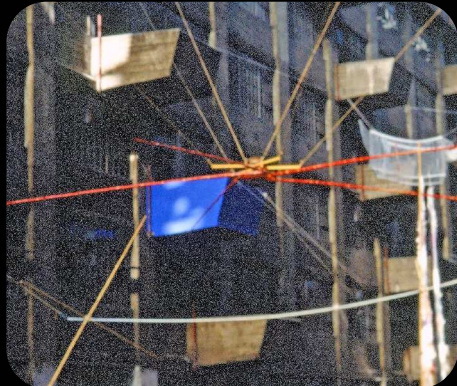
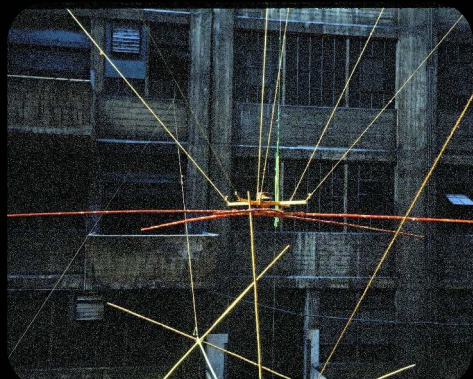
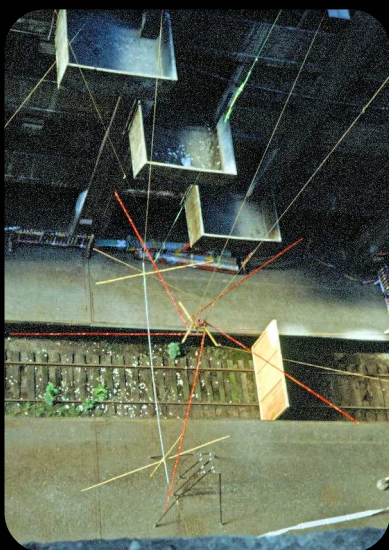
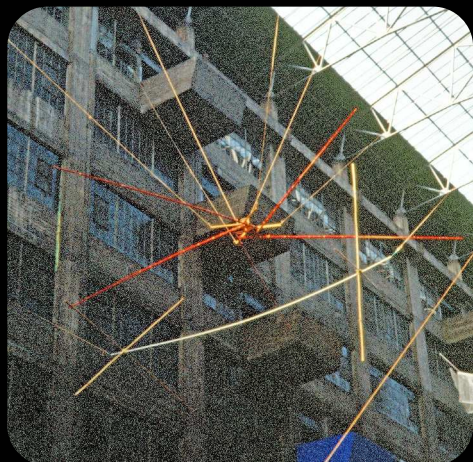
1 winding = approx. 1 1/2 minutes







TIMELESS * 1983
6 ft. x 9 1/2 ft. x 5 ft
weight driven - 1 winding = approx. 5 hours



at the Brooklyn Army Terminal - 1983



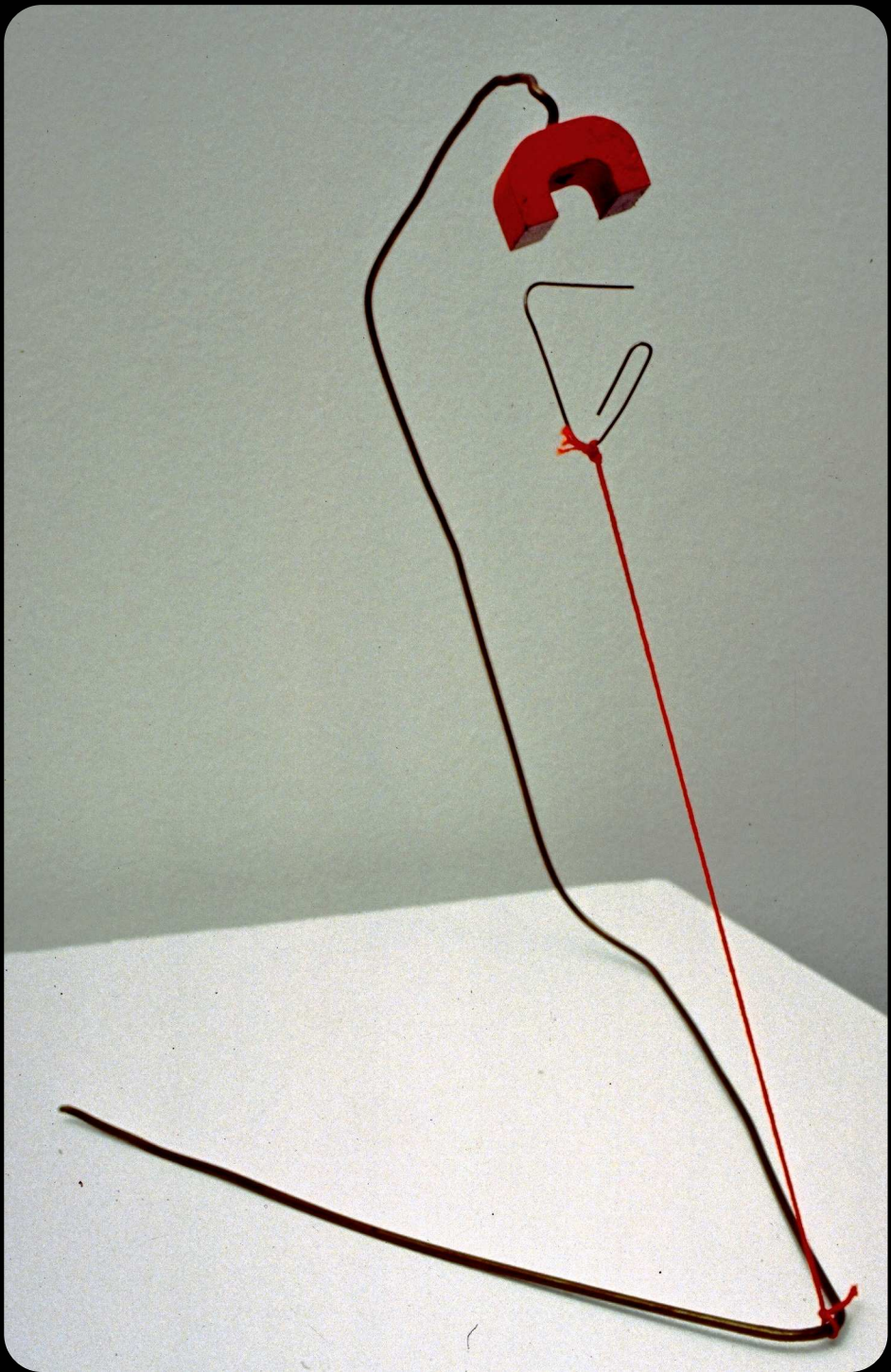
Winding the *Star System*



THE STAR SYSTEM - THE TERMINAL PIECE * 1983

30 ft. x 12 ft. x 30 ft.

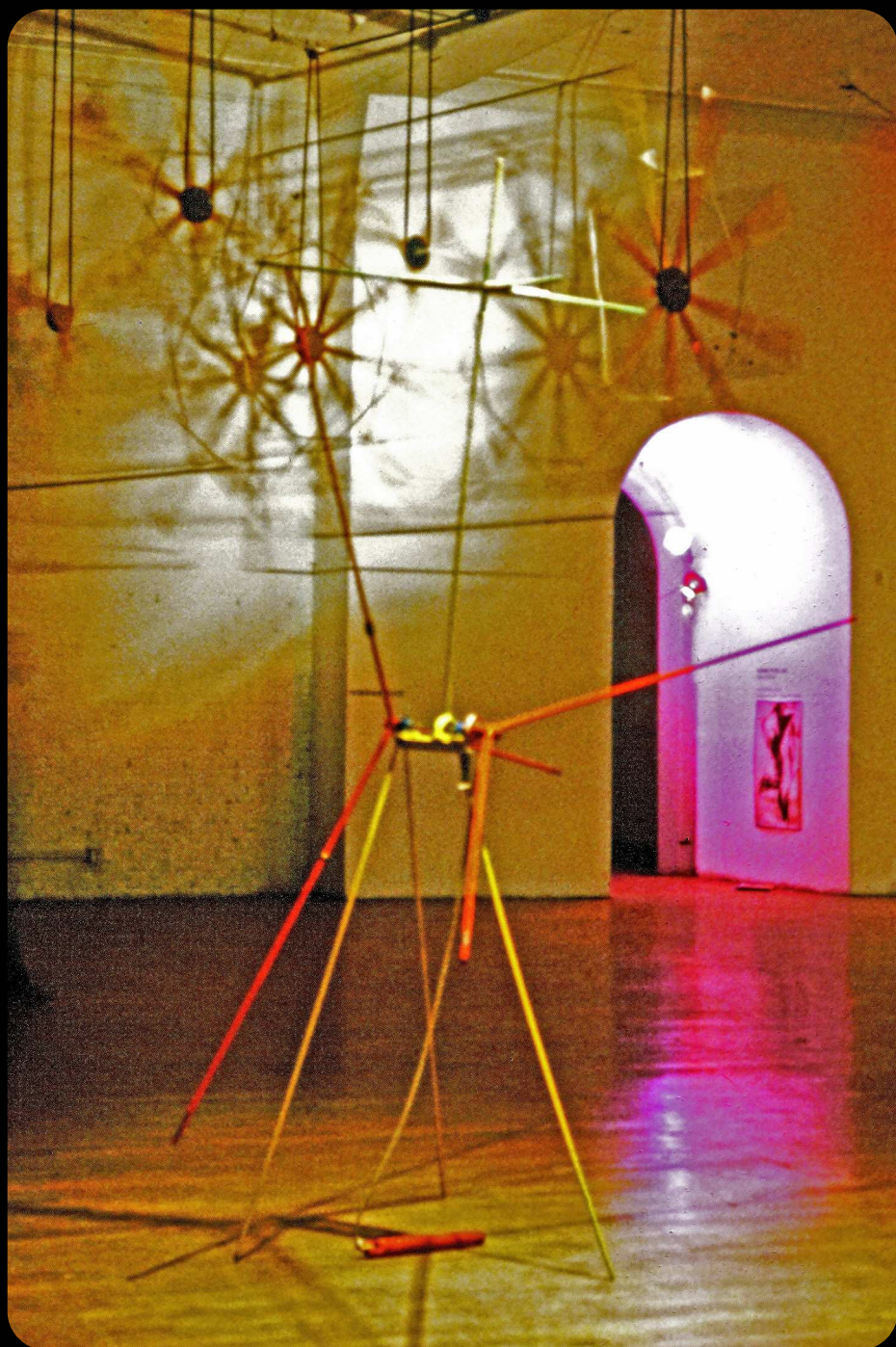
weight driven - 1 winding = approx. 3 minutes



MAGNETIC ATTRACTION * 1984
1 ft. x 1 ft. x 1 ft.
multiple - interactive



CHAIN REACTION - 1984
4 ft. x 7 ft. x 4 ft.



ERRATIC CLOCKWORK - 1984

8 ft. x 9 ft. x 5 ft.

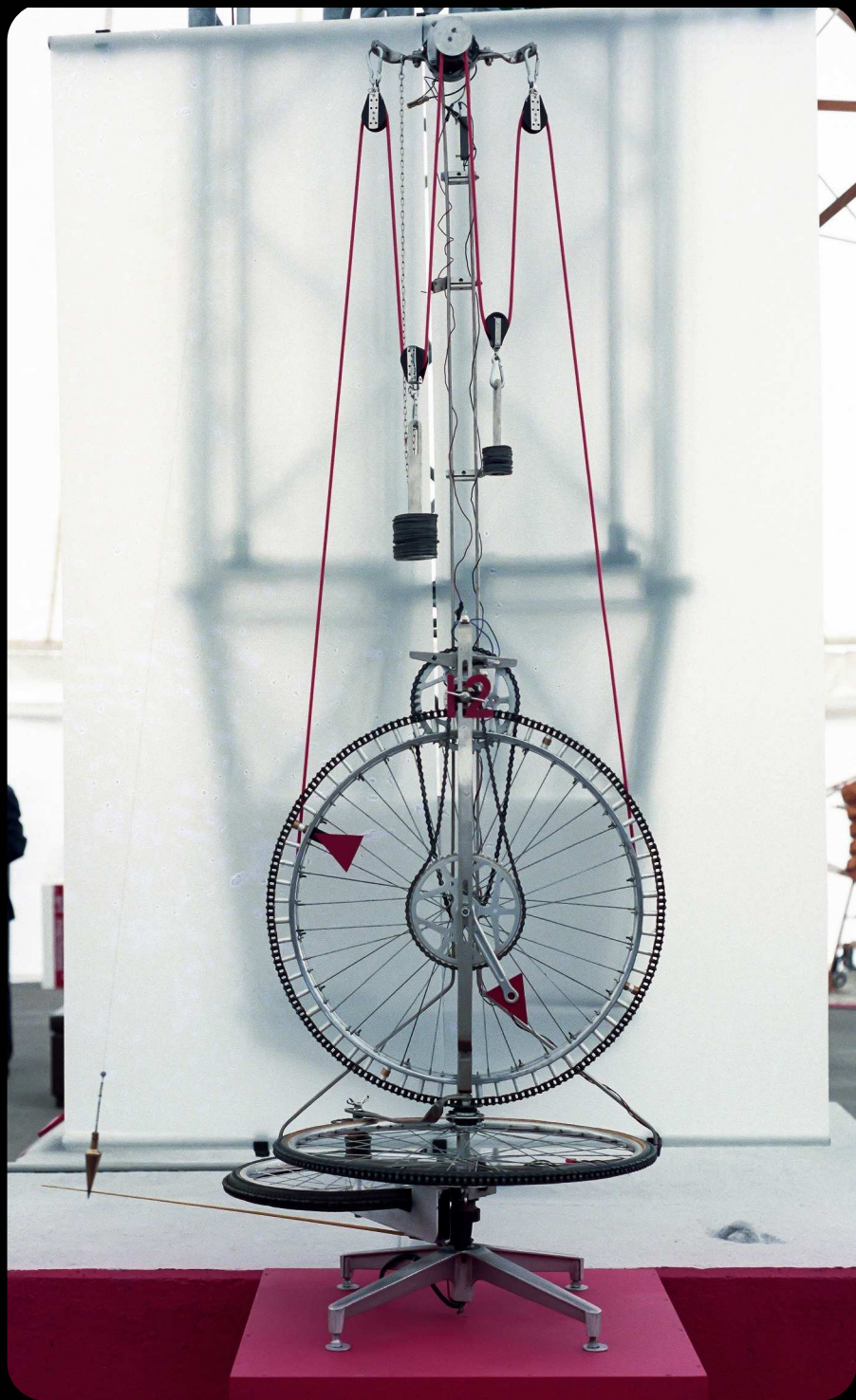
weight driven - 1 winding = approx. 1 1/2 minutes

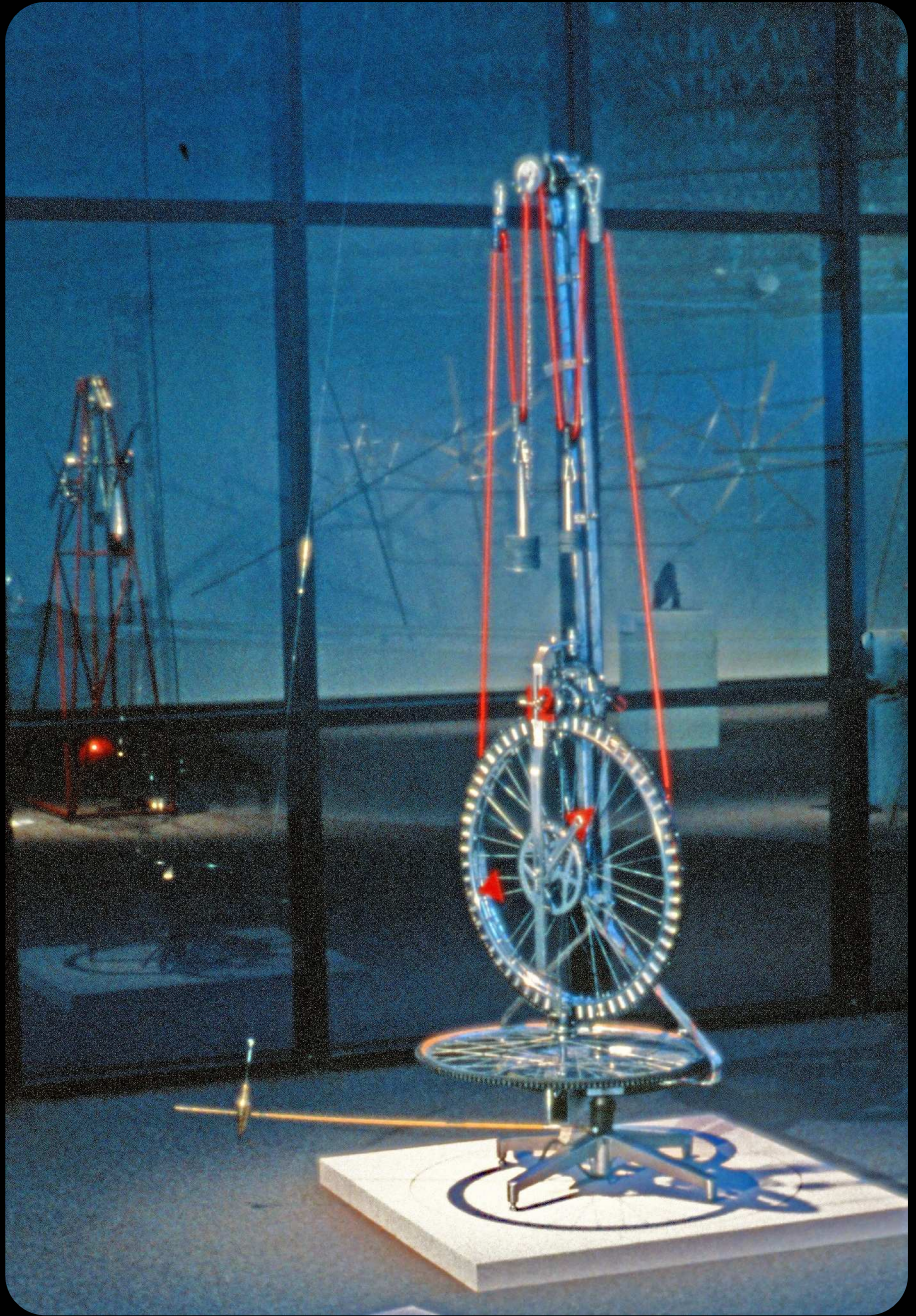


RELATIVE TIME - 1986

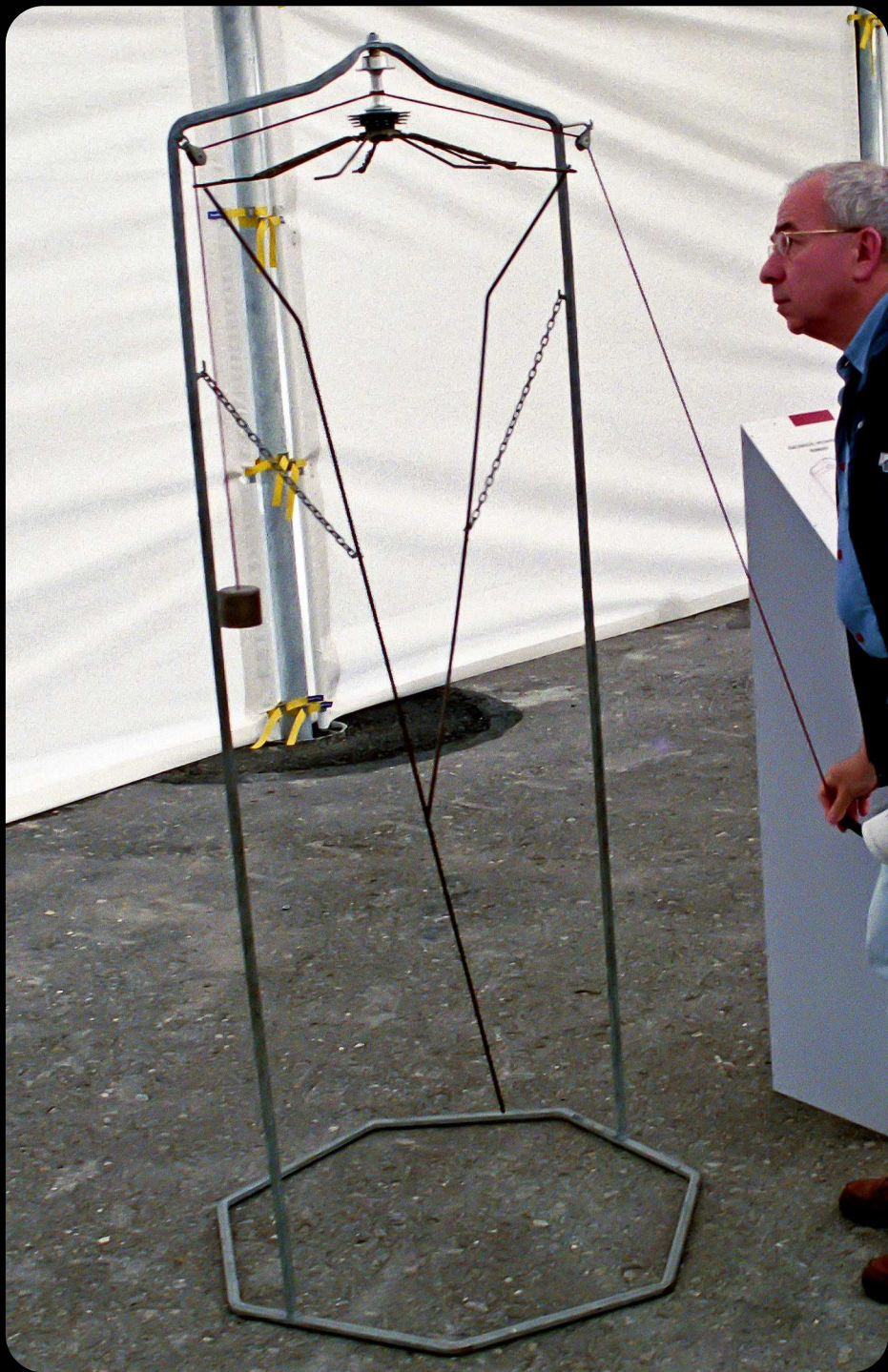
18 ft. x 10 ft. x 16 ft.

weight driven - 1 winding = approx. 3 minutes

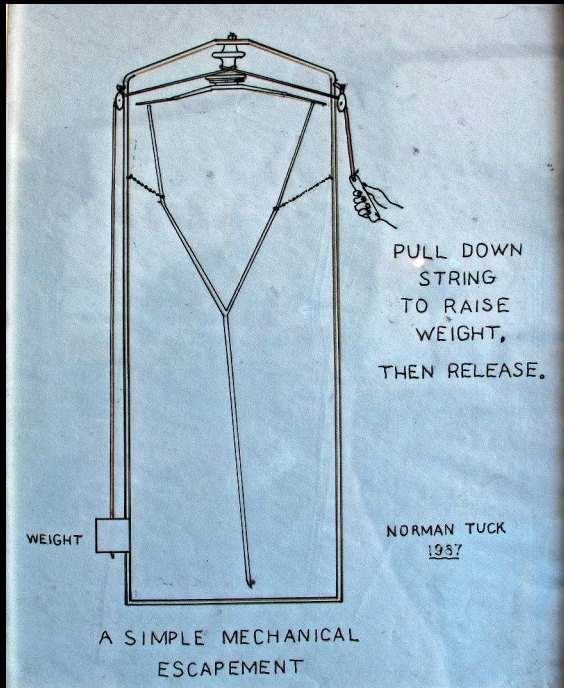




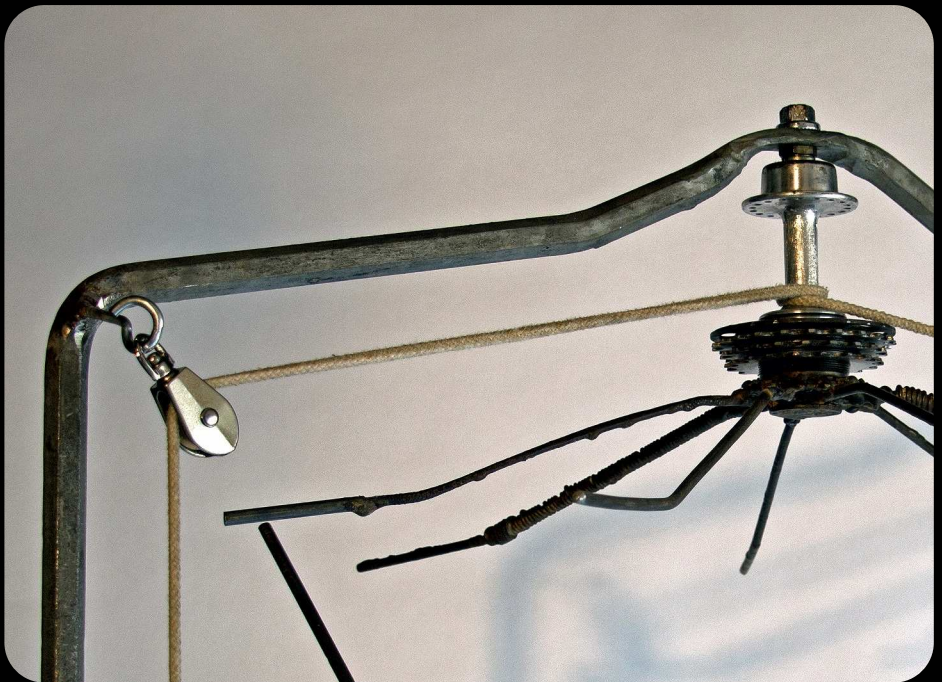
A CONICAL PENDULUM CLOCK * 1986
6 ft. x 21 ft. x 6 ft.
a weight driven real-time clock - motorized rewind

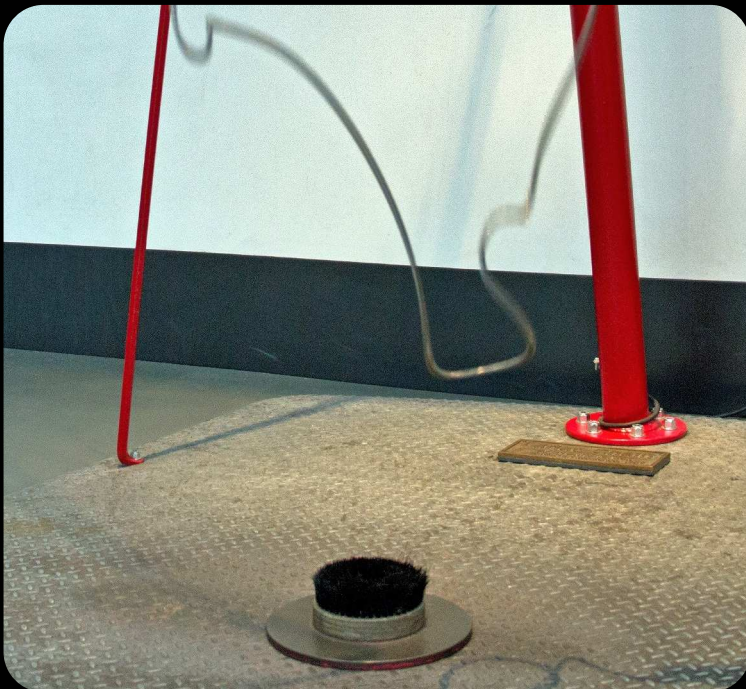


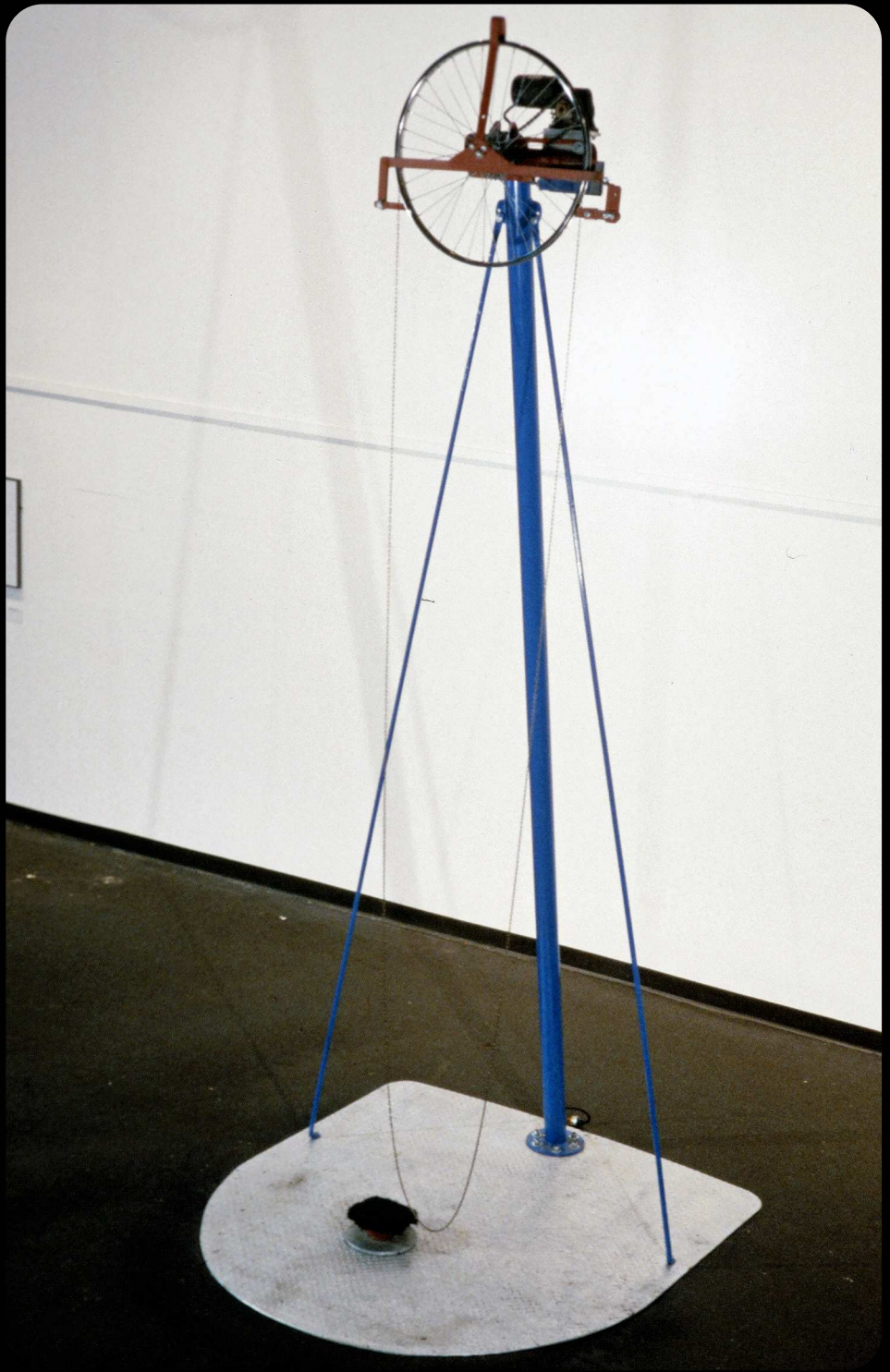
A SIMPLE MECHANICAL ESCAPEMENT * 1987
3 ft. x 6 ft. x 3 ft.
weight driven - 1 winding = approx. 1 1/2 minutes.



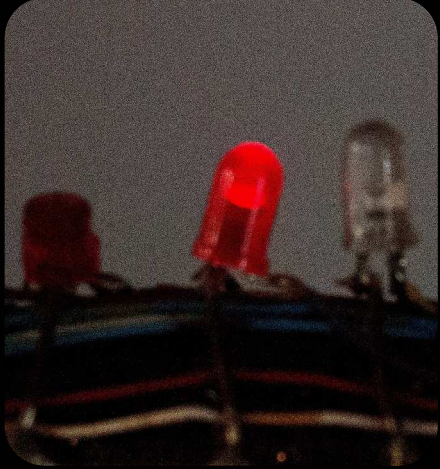
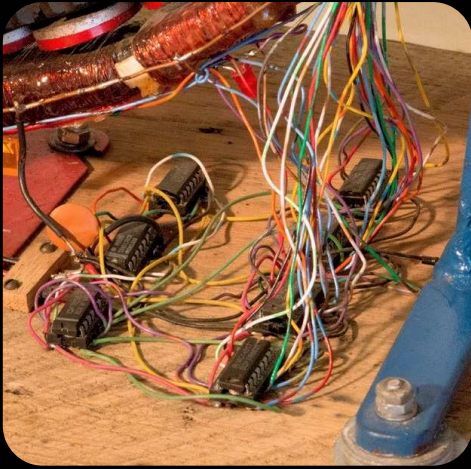
A "HOW TO" DRAWING * 1987
8 in. x 10 in.



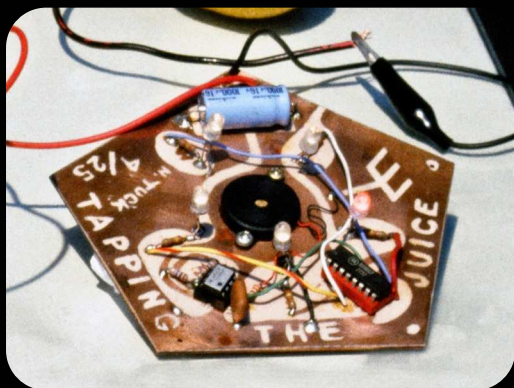
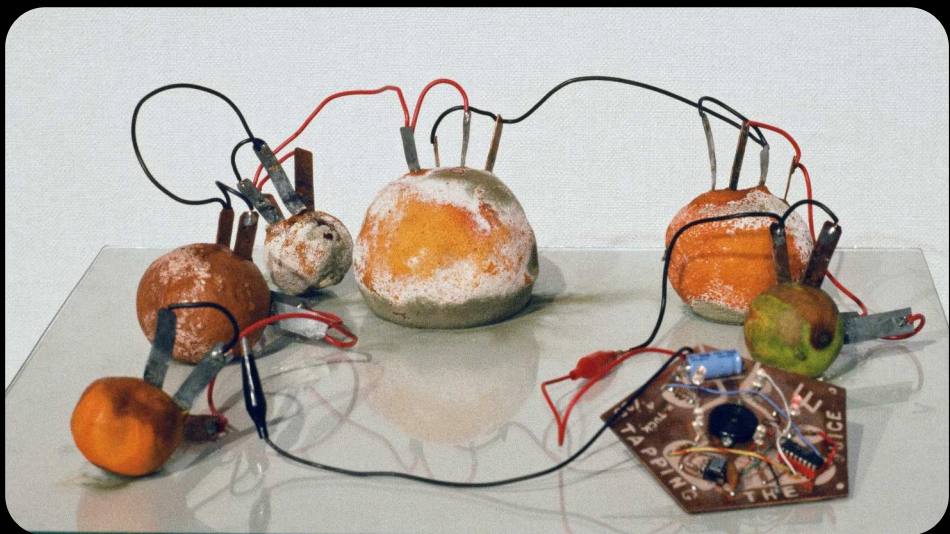
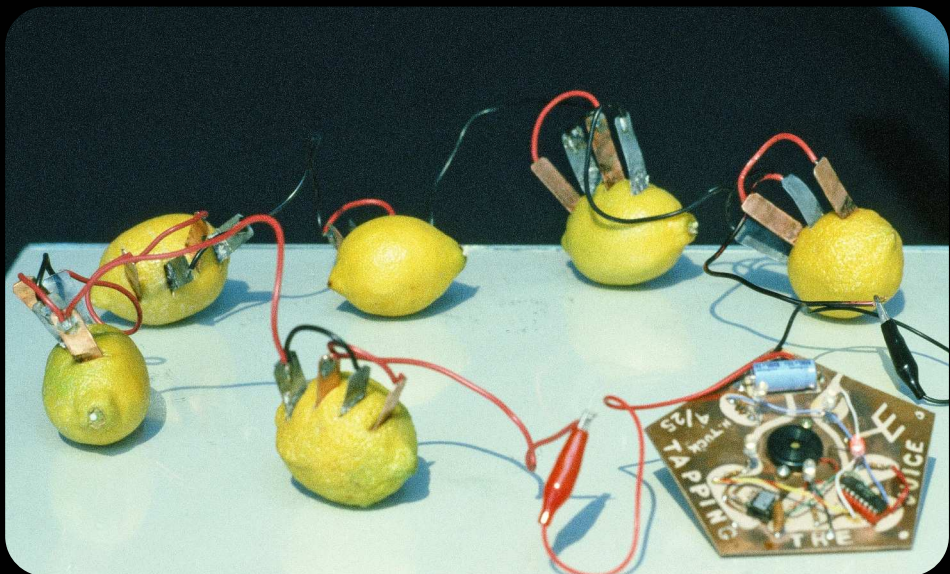




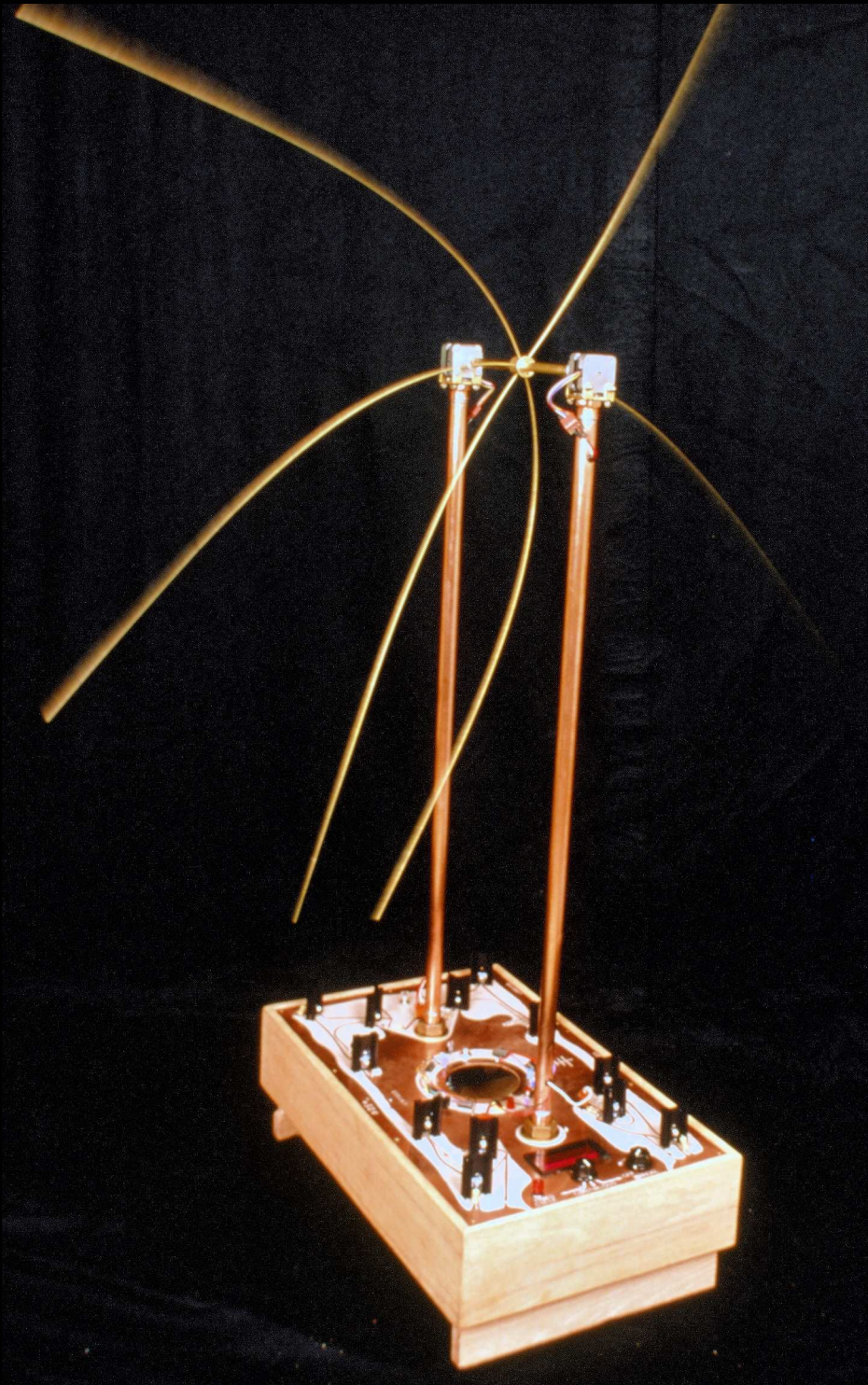
LARIAT CHAIN * 1987
5 ft. x 12 ft. x 6 ft.
motorized - multiple of 28 +



DYNAMO* 1987
2 ft. x 2 ft. x 2 ft.
an interactive generator

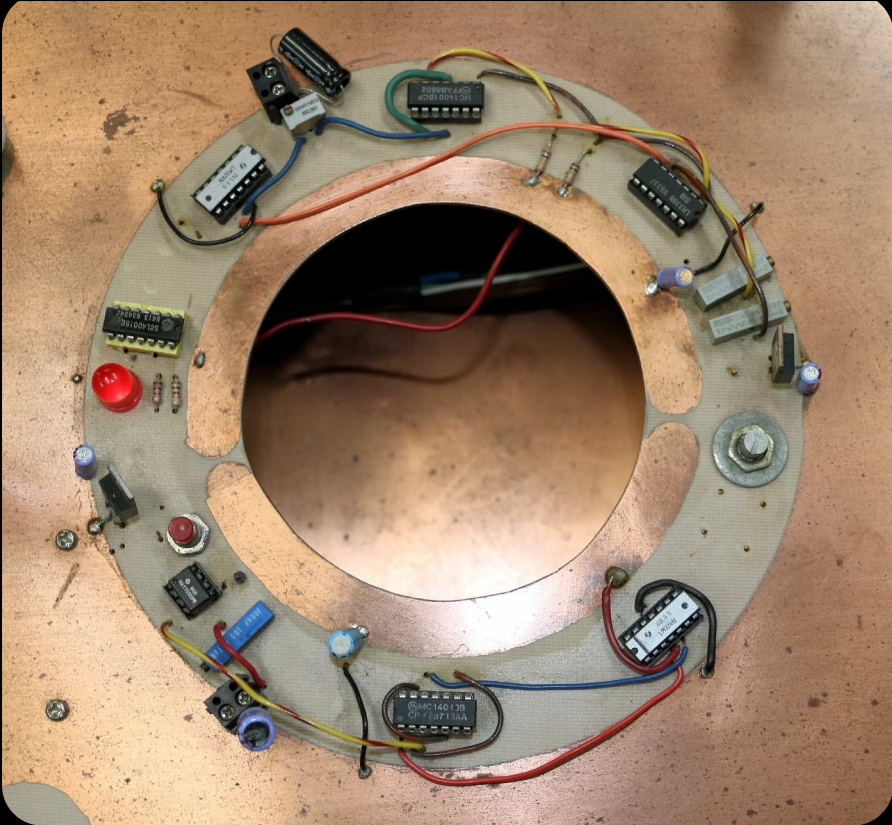
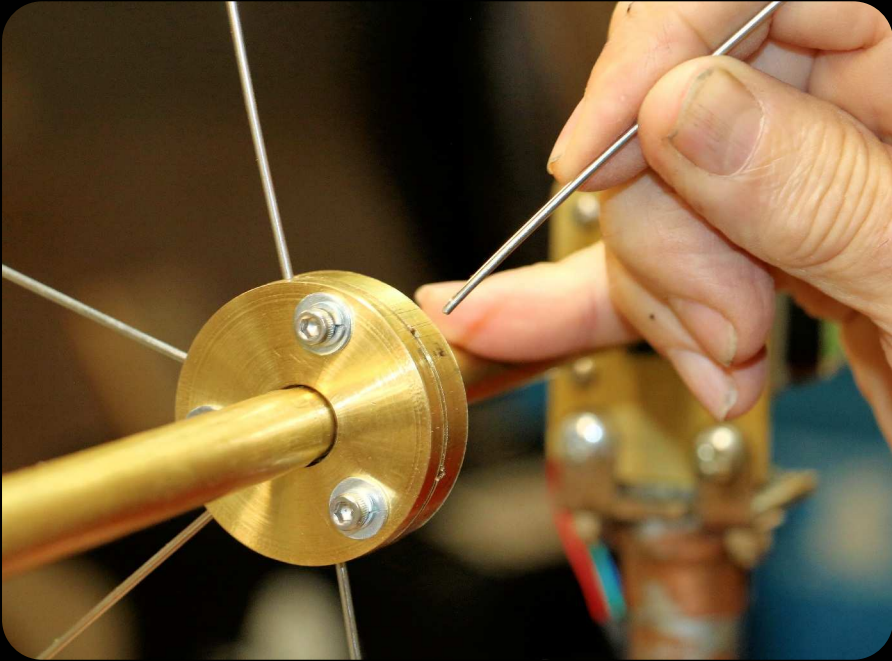


TAPPING THE JUICE * 1989
18 in x 8 in x 18 in.
blinking LEDs - edition of 25

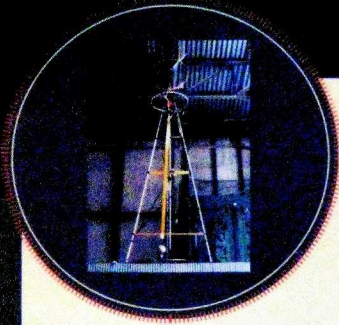


ROTATE RESONATE * 1989

5 ft. x 6 ft. x 5 ft.
electro-acoustic







THIS CLOCK IS POWERED BY THE WEIGHT OF THE LARGE METAL BASKET PULLING ON RED, ROPE LIKE BELTING MATERIAL.

THE BELTING PULLS ON THE CROWN WHEEL PULLEY TO MAKE THE CROWN WHEEL TURN.

THE CROWN WHEEL LOOKS A LITTLE LIKE AN UPSIDE-DOWN CROWN, IT IS THE KEY TO THE CLOCK'S CROWN WHEEL ESCAPEMENT.

THE TEETH ON THE CROWN WHEEL PUSH ON WHITE METAL RODS CALLED PALLETS WHICH ARE ATTACHED TO THE PENDULUM. THE CROWN WHEEL PUSHING ON THE PALLETS KEEPS THE PENDULUM SWINGING.

A PENDULUM SWINGS BACK AND FORTH IN PRECISE INTERVALS. A PENDULUM OF THIS LENGTH SWINGS FOR TWO SECONDS IN EACH DIRECTION.

EACH SWING ALLOWS ONE TOOTH OF THE CROWN WHEEL TO PASS OR ESCAPE.

THE CROWN WHEEL MAKES A COMPLETE TURN EVERY TWO MINUTES. WITH EACH TURN A RED BLOCK ON ITS ARM PUSHES A TOOTH ON THE ORANGE MINUTE WHEEL.

THE CLOCK'S HOUR HAND IS MOUNTED DIRECTLY ON THE MINUTE WHEEL WHICH TAKES AN HOUR TO GET PUSHED AROUND.

BI-CYCLE CHAINS LINK THE MINUTE WHEEL THROUGH A PINION SPROCKET, TO THE HOUR HAND IN A TWELVE-TO-ONE RATIO.

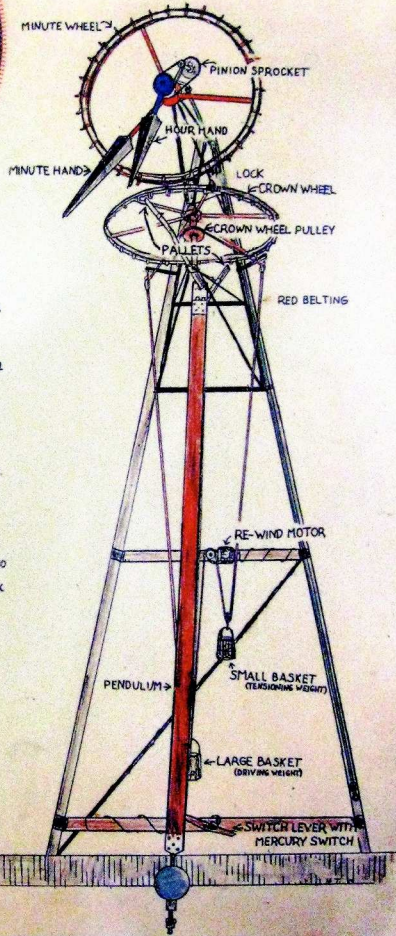
THE LARGE BASKET MUST FALL CONTINUOUSLY TO DRIVE THE CLOCK. WHEN IT REACHES THE SWITCH LEVER, A REWIND MOTOR PULLS IT UP, SO THAT IT CAN FALL AGAIN.

THE SMALL BASKET KEEPS THE BELTING TIGHT AND PUSHERS THE SWITCH LEVER TO TURN THE MOTOR OFF.

THE SWITCH LEVER USES A SWITCH WITH A SMALL POOL OF MERCURY TO CONTROL THE MOTOR.

THE GREEN RODS ARE USED TO SET THE HANDS.

CLOCK AND DRAWING
BY NORMAN TUCK
ARTIST-IN-RESIDENCE ©1989

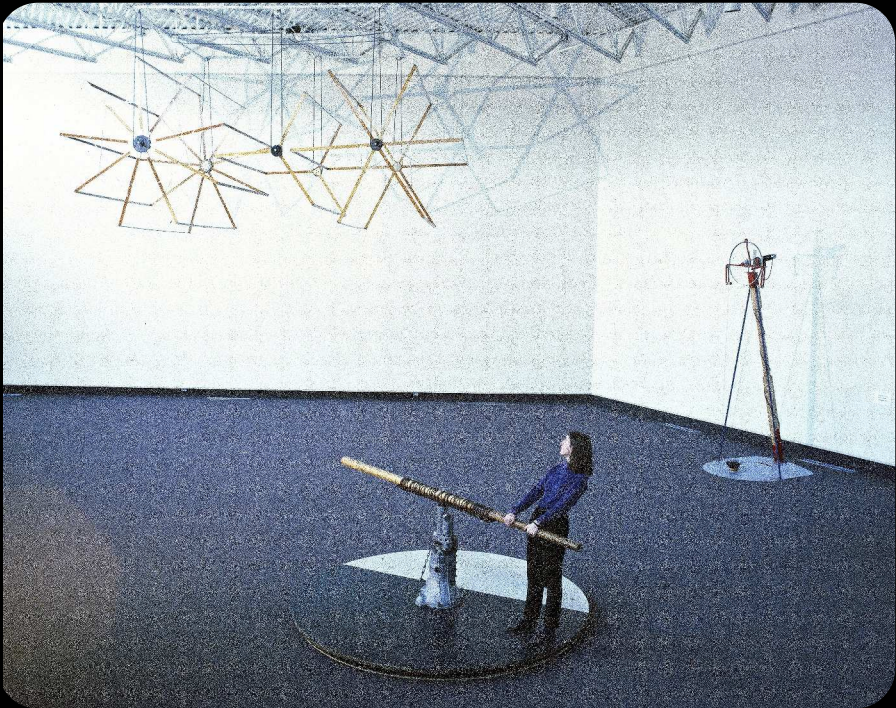


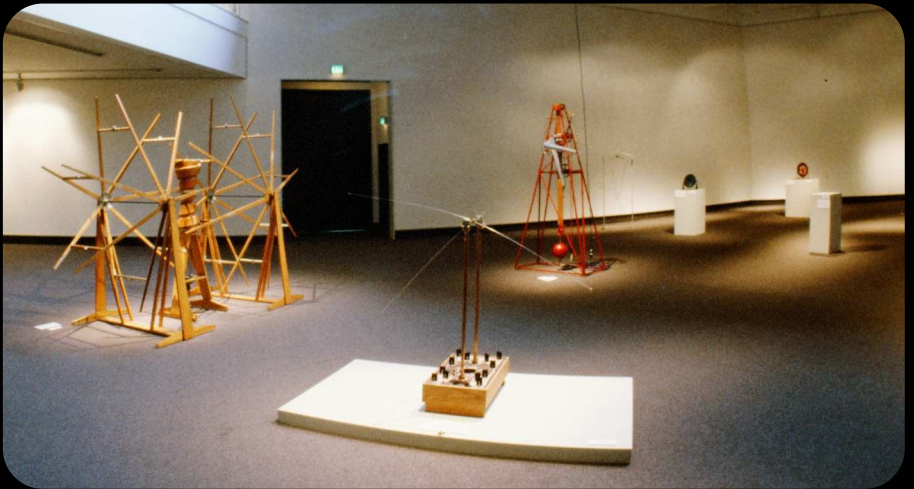
drawing - 1989

EXPLORATORIUM CLOCK * 1989

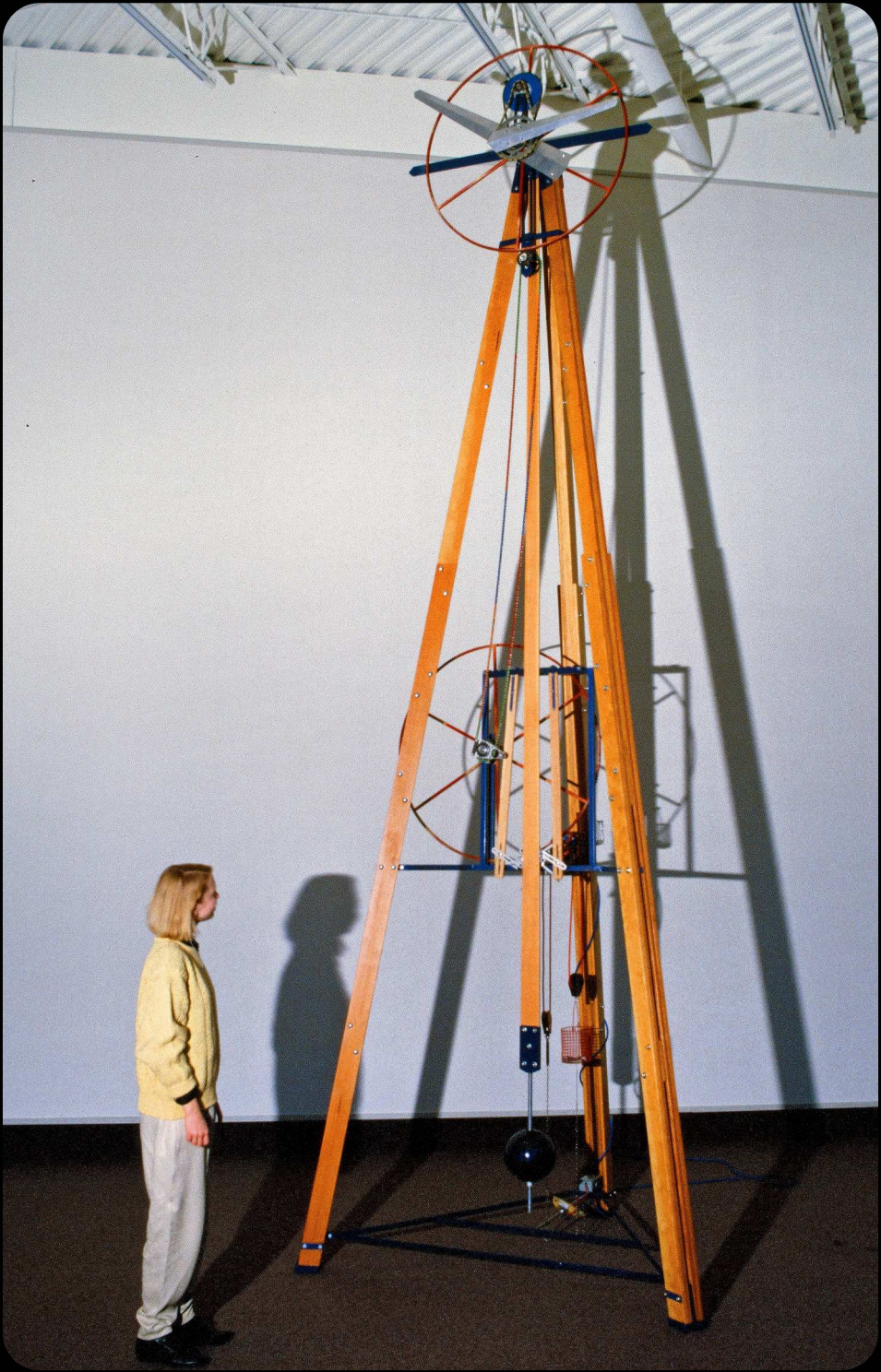
8 ft. x 20 ft. x 5 ft.

a weight driven real-time clock- motorized rewind





SOUTHEASTERN CENTER FOR CONTEMPORARY ART
1991





A PUBLIC CLOCK * 1991

6 ft. x 18 1/2 ft. x 6 ft.

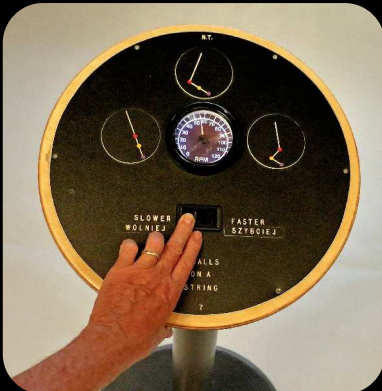
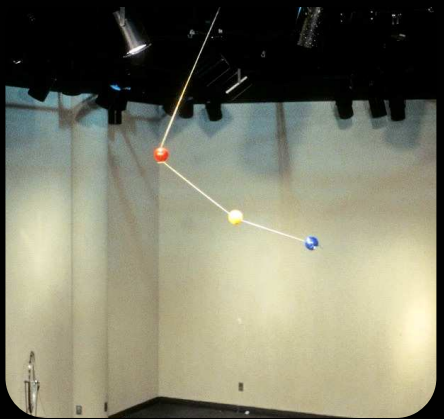
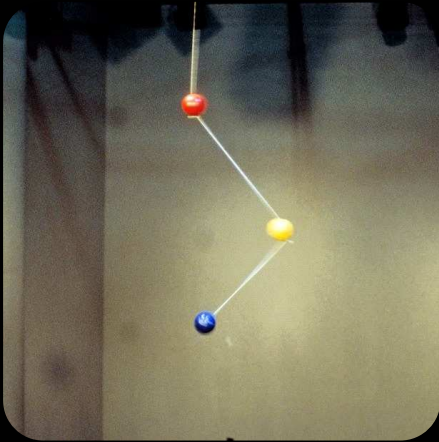
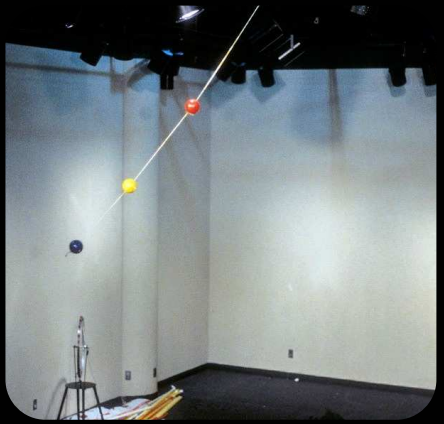
a weight driven real-time clock - motorized rewind

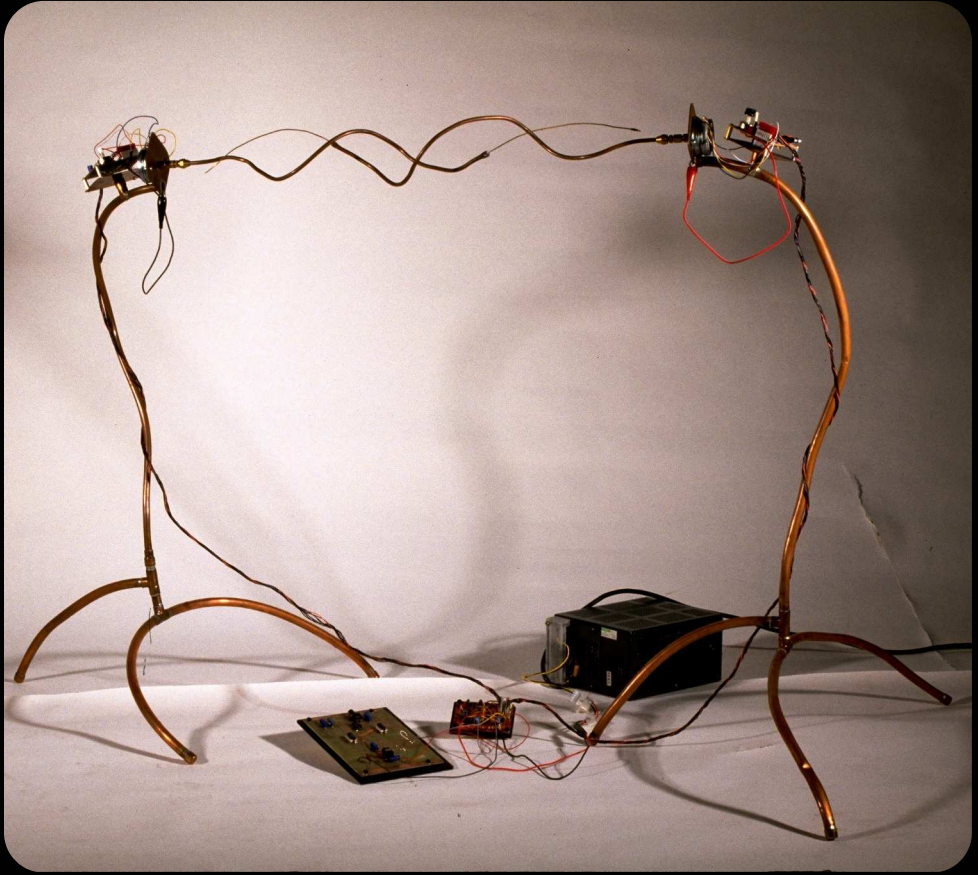


THREE BALLS ON A STRING * 1992

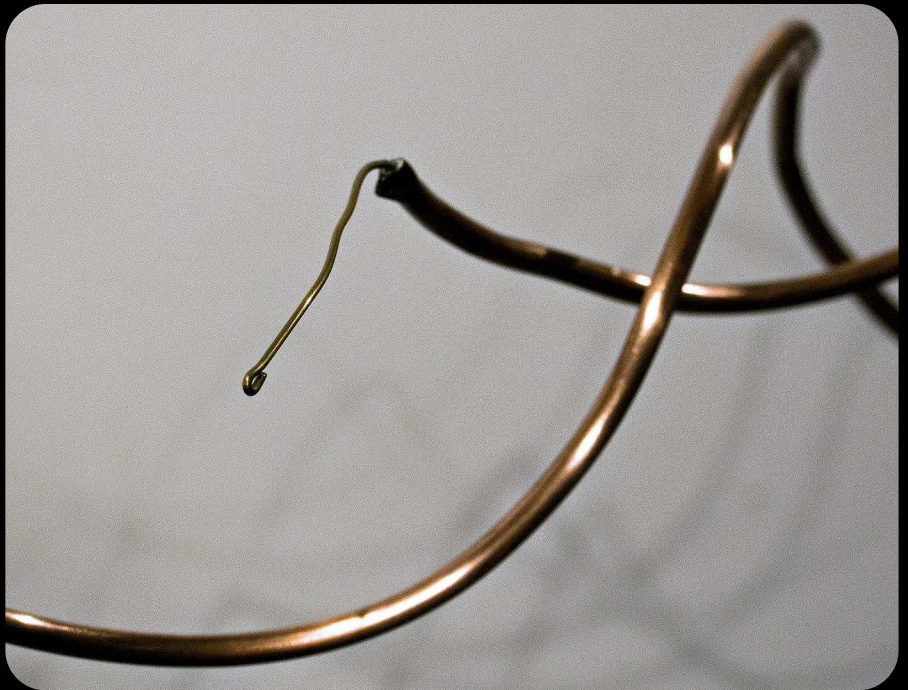
7 ft. x 12 ft. x 12 ft.

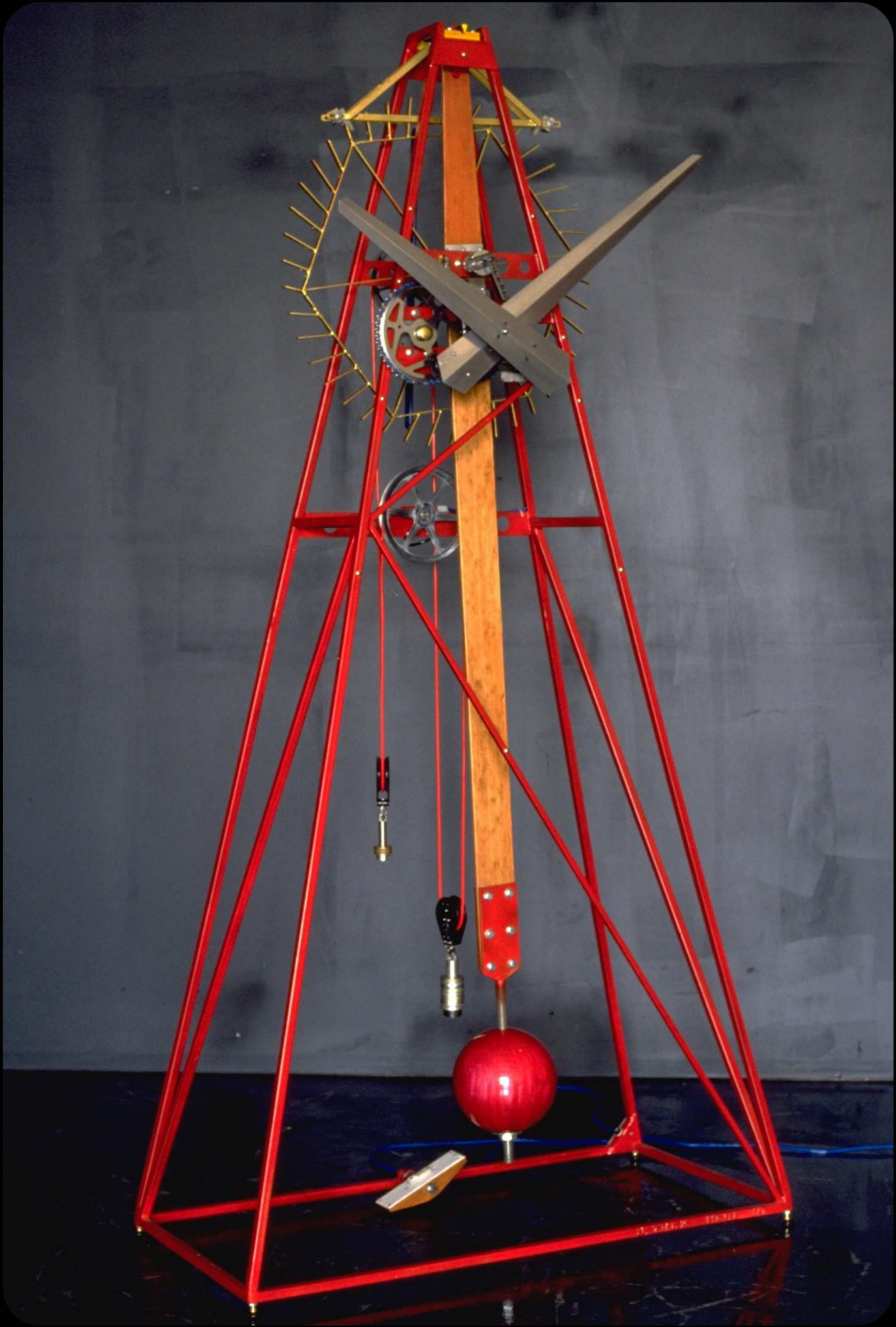
with interactive speed controller - edition of 8





DOUBLE HELIX * 1993
6 ft. x 4 ft. x 4 ft.
with electronically controlled stepper motors





MECHANICAL CLOCK - 1991

5 ft. x 6 ft. 2 ft.

real time weight driven clock - motorized rewind
collection of Atelier Fondazione IDIS, Naples, Italy

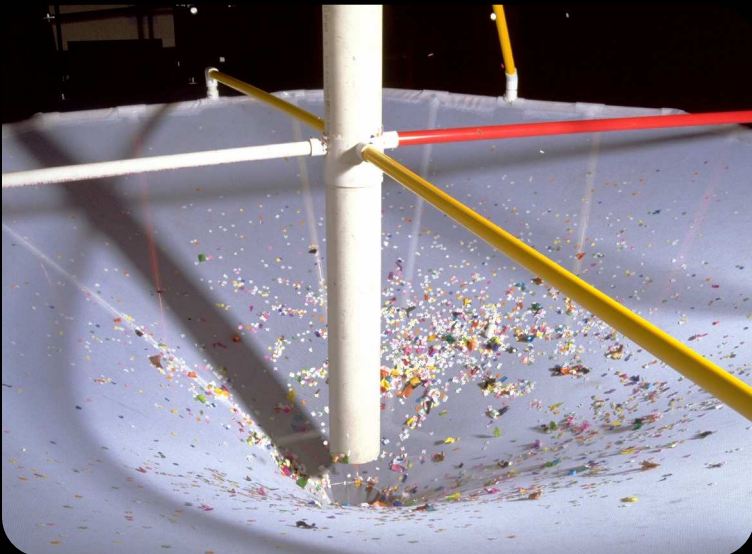


UROBORUS or OROBORUS - 1994
 2 ft. x 3 ft. x 2 ft.
 a motorized reversing switch
 Collection of The Exploratorium





CONFETTI FOUNTAIN #1 - 1992
Collection of SciWorks, Winston-Salem, NC





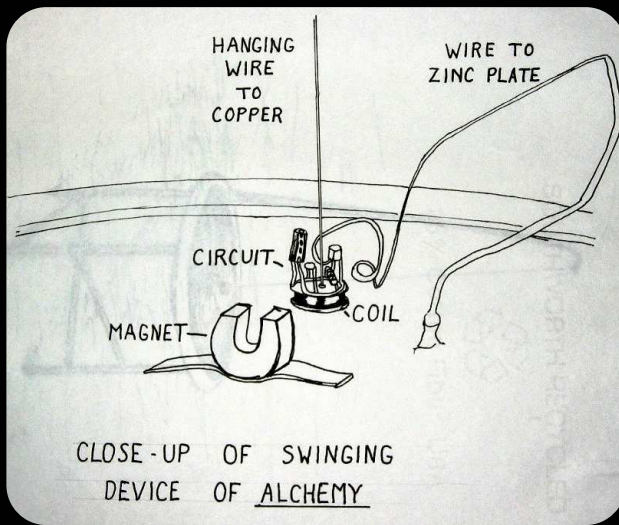
CONFETTI FOUNTAIN * 1994
8 ft. x 14 ft. x 8 ft.
electric blower



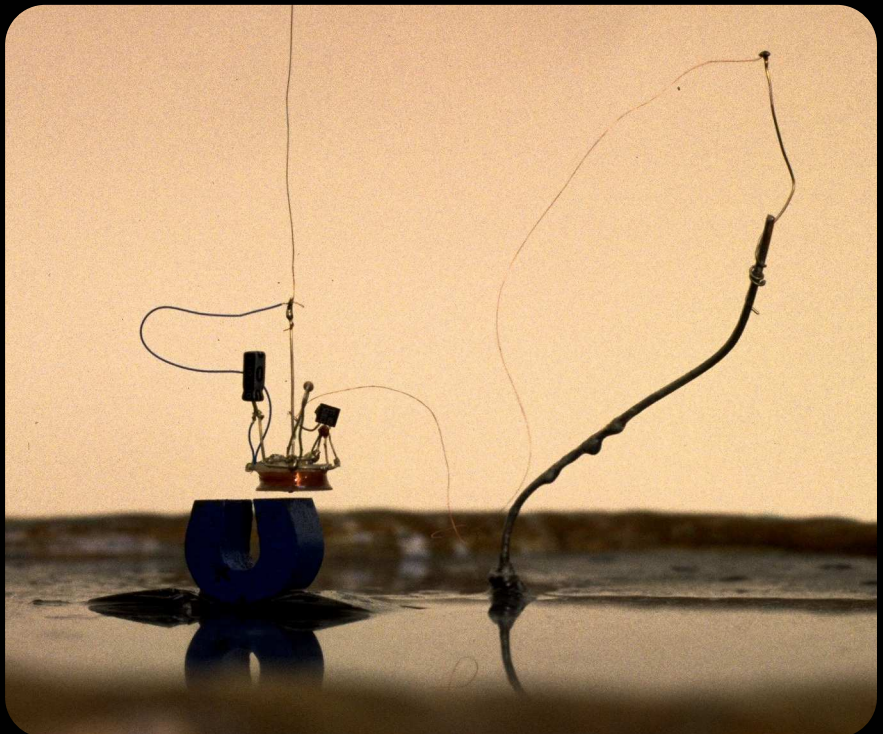
ALCHEMY * 1995

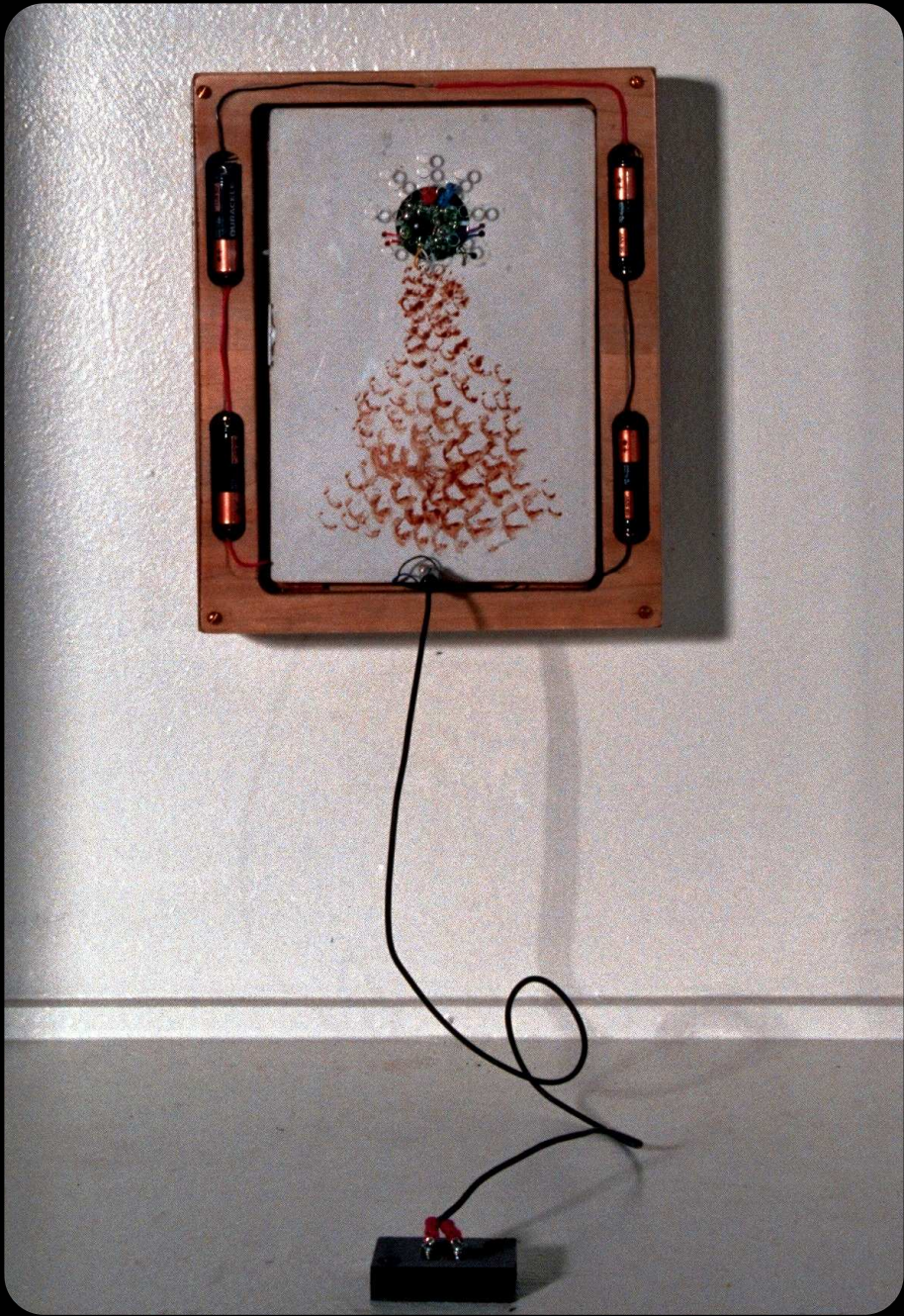
2 ft. x 5 ft. x 2 ft.

copper zinc galvanic cell - swinging coil

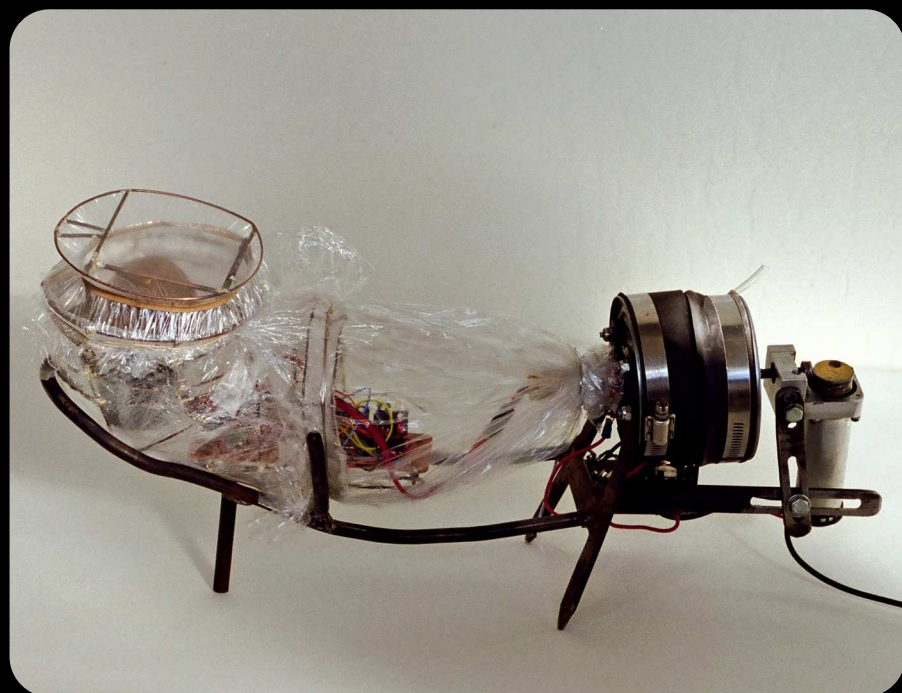


DRAWING * c.1995
8 in. x 10 in.





OHM * 1996
9 in. x 11 in. x 2 in.
battery powered interactive sound piece



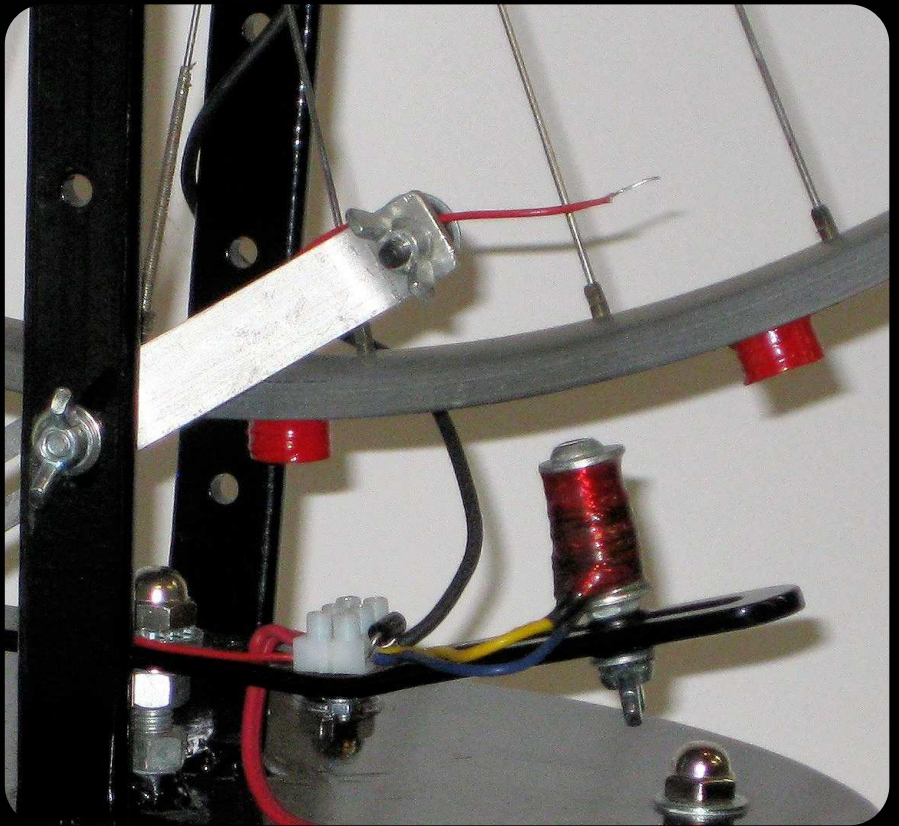
BREATHING MACHINE * 1997
22 in. x 10 in. x 6 in.
two motors

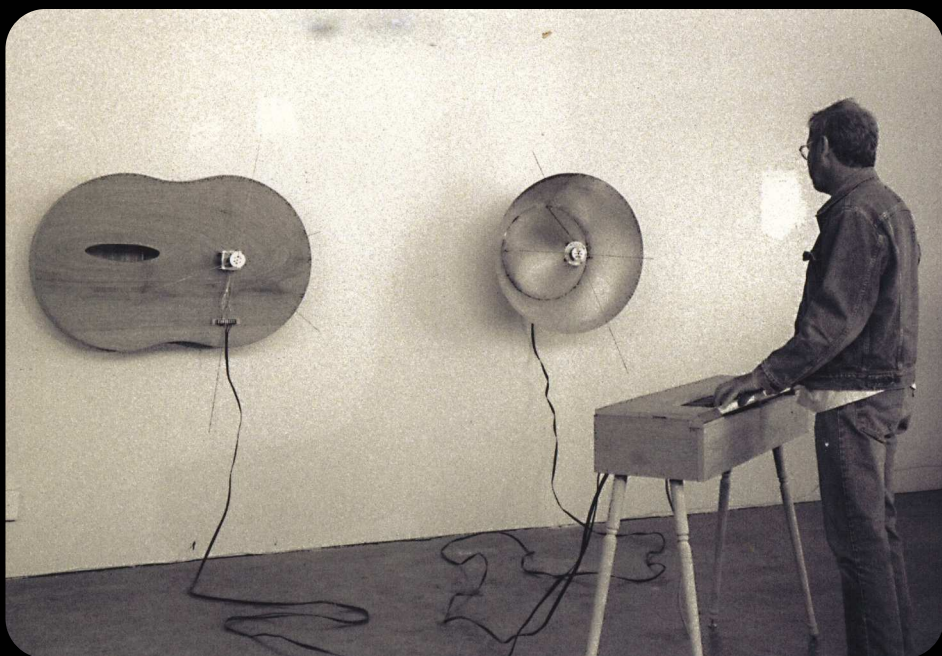
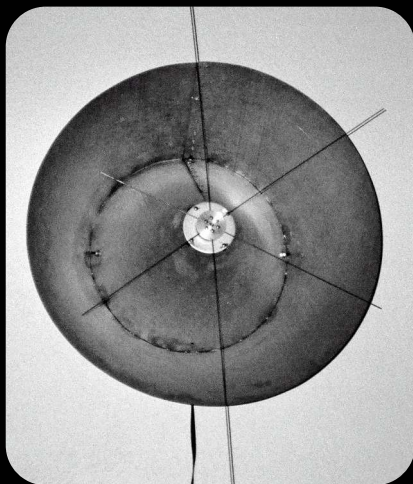
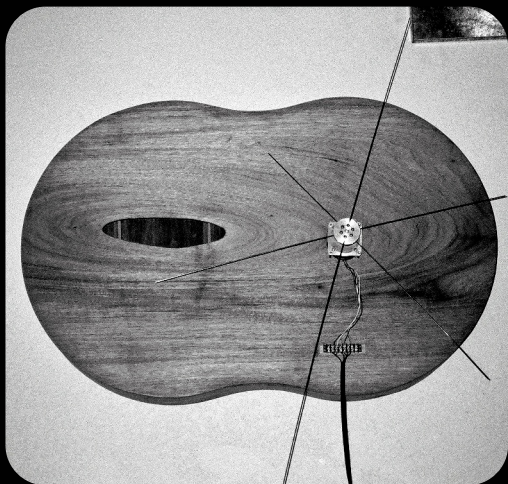


DUCHAMPIAN MOTOR * 1997

3 ft. x 5 ft. x 2 ft.

an electromagnetic coil drives rim mounted magnets

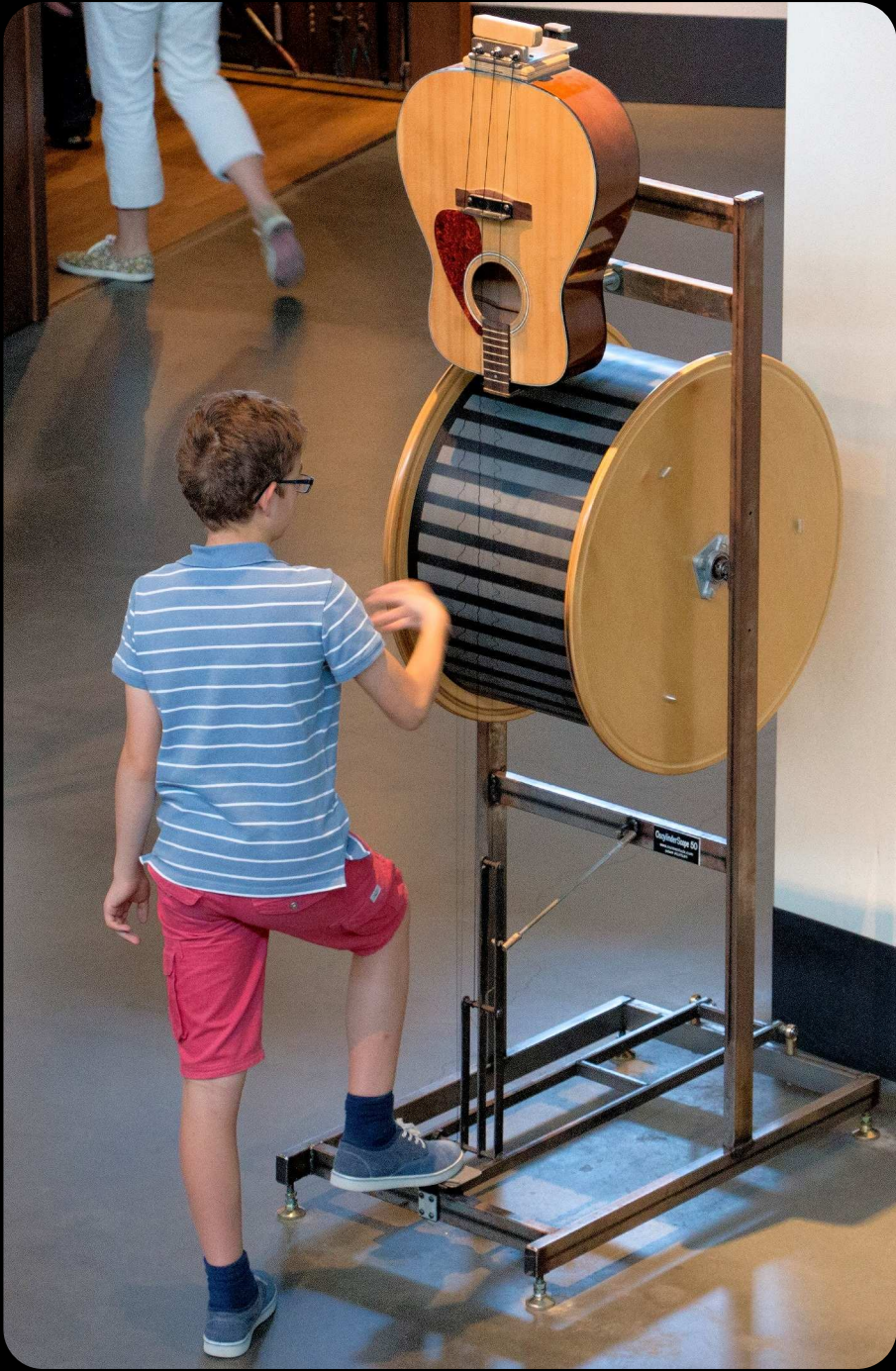




ROD ORGAN * 1997
7 ft. x 5 ft. x 8 ft.
electro-acoustic musical instrument



ROD GUITAR * 1997
43 in. x 16 in. x 6 in.
electro-acoustic musical instrument



OSCYLINDERSCOPE *

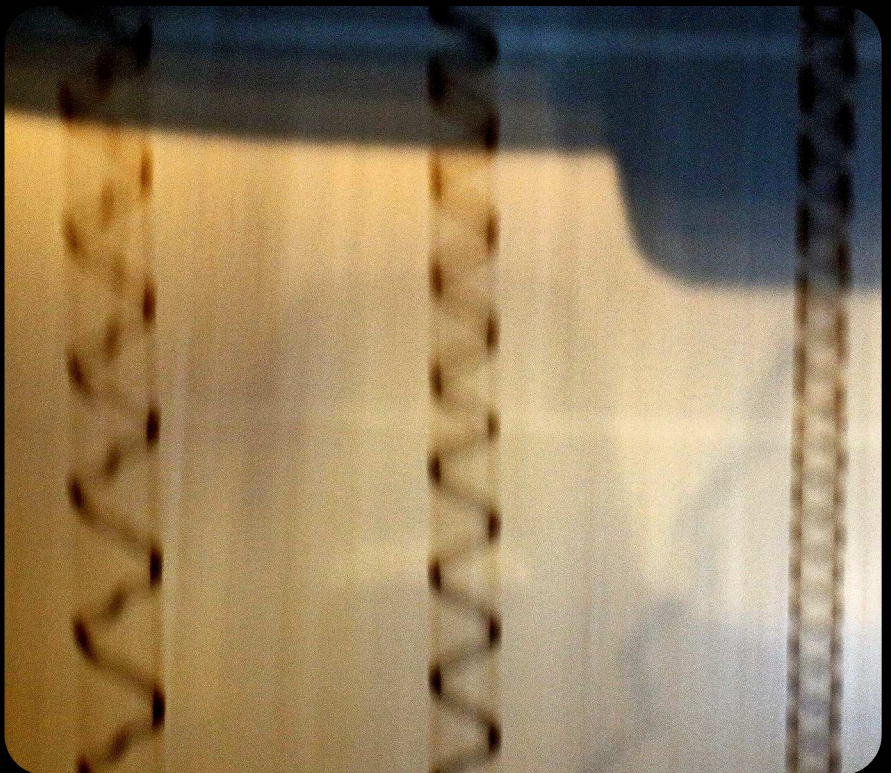
2 ft. x 6 1/2 ft. x 3 ft.
visualized sound

First created in 1997 - U.S. patent #5,975,911

In the collections of museums worldwide. #50 shown .



prototype * c.1997



Technorama Museum,
Winterthur, Switzerland
1993

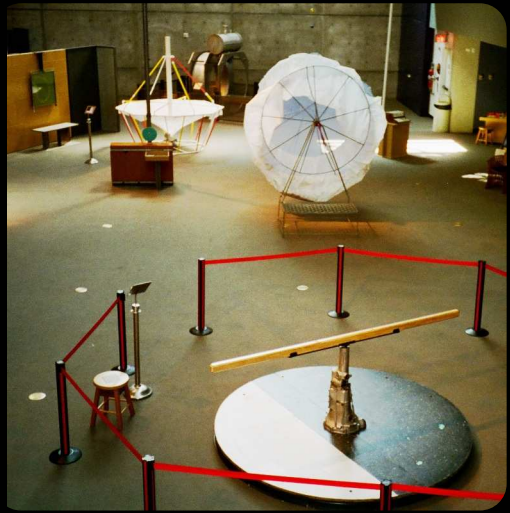


Liberty Science Center
Jersey City, Nj
1994

The Exploratorium
San Francisco, CA
1994 - 1995



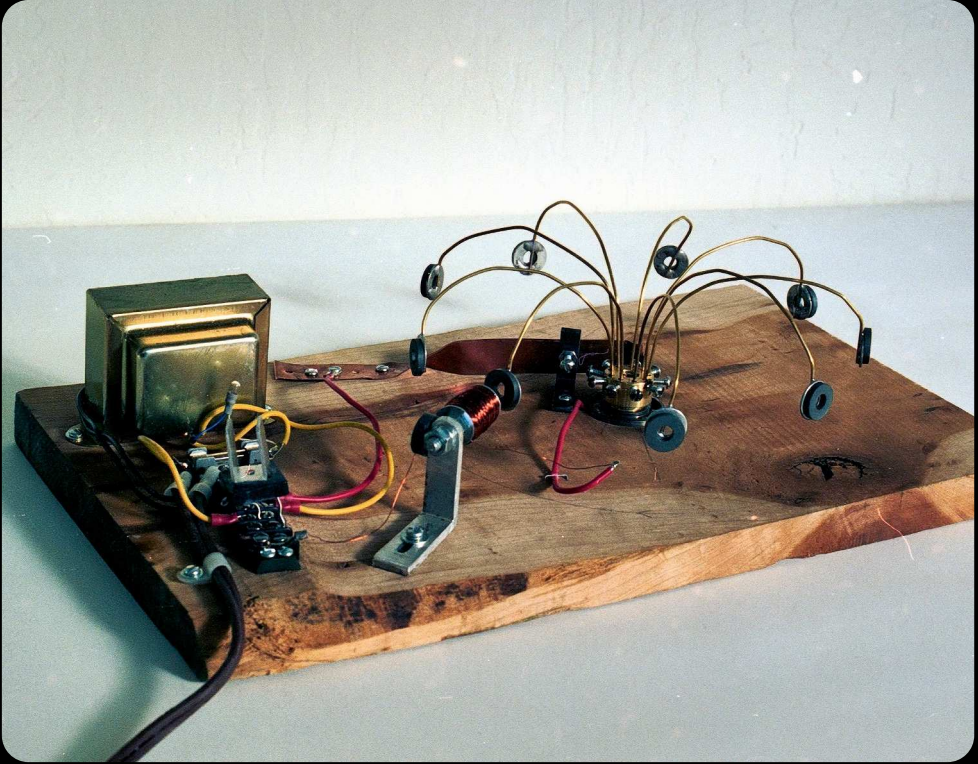
Inventure Place
Akron, OH
1996



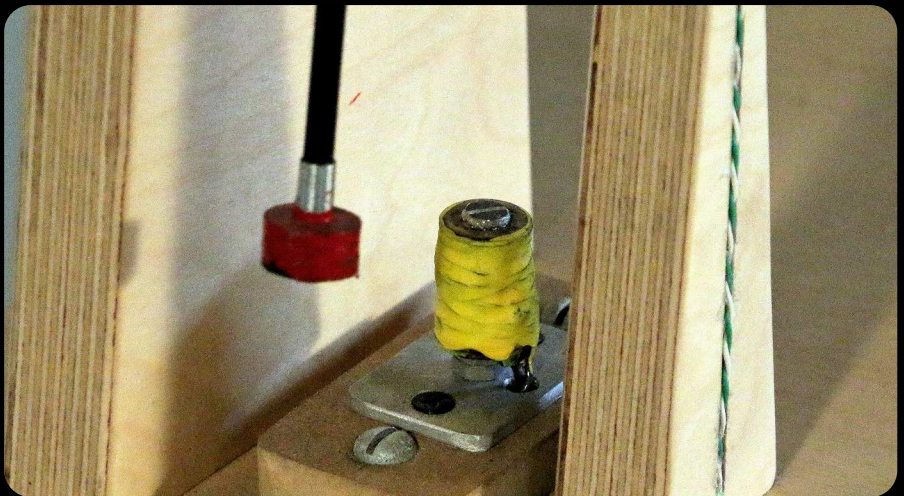
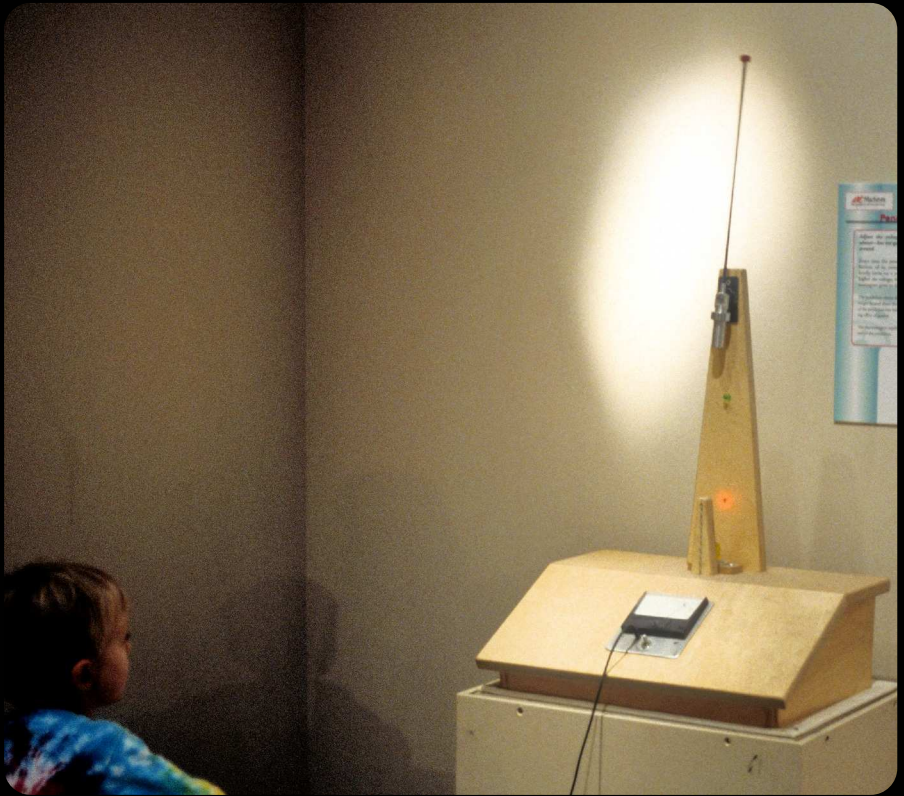
The Discovery Center
Boise, ID
1998

Science Museum of Minnesota
St. Paul
1999

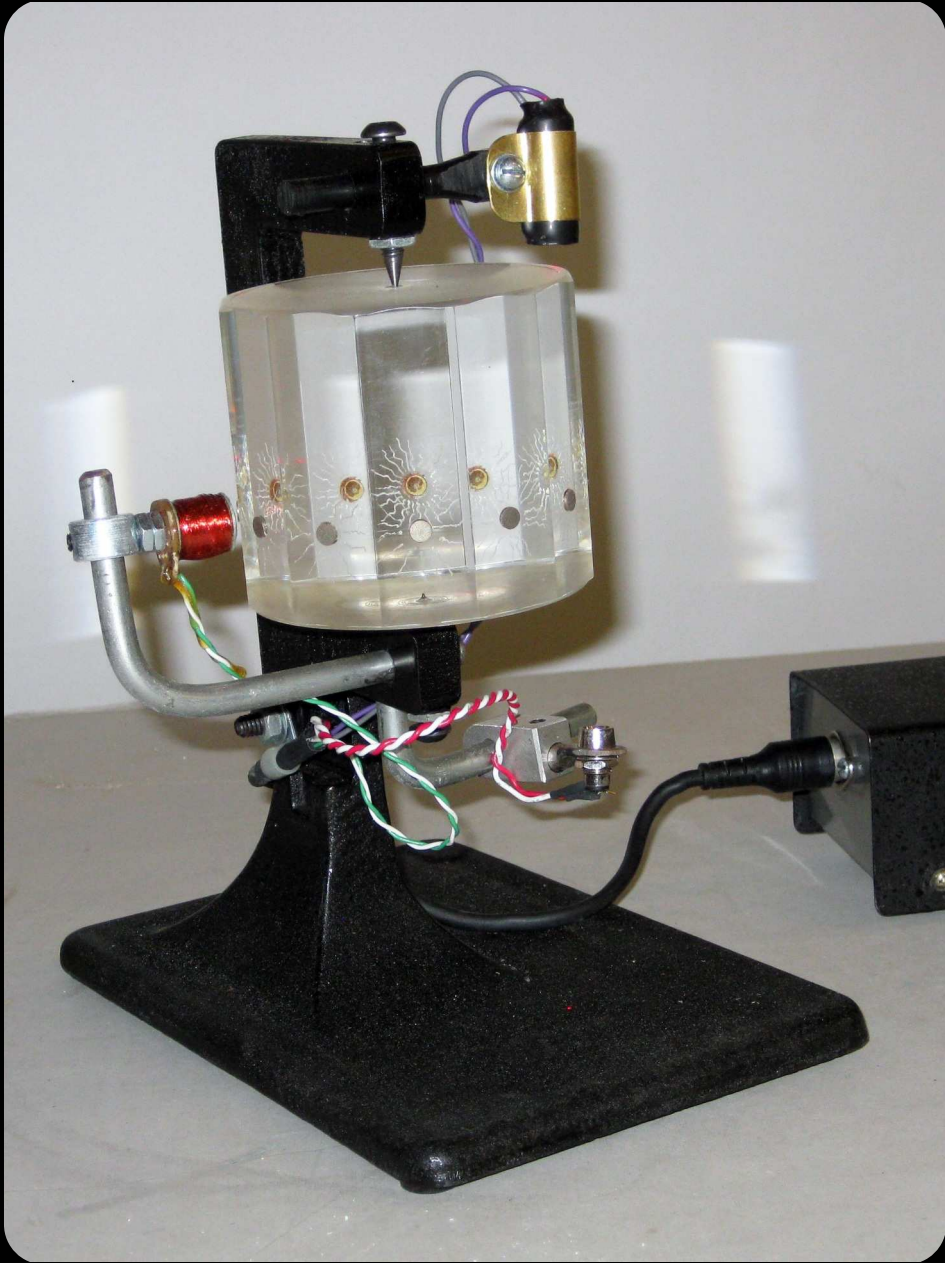




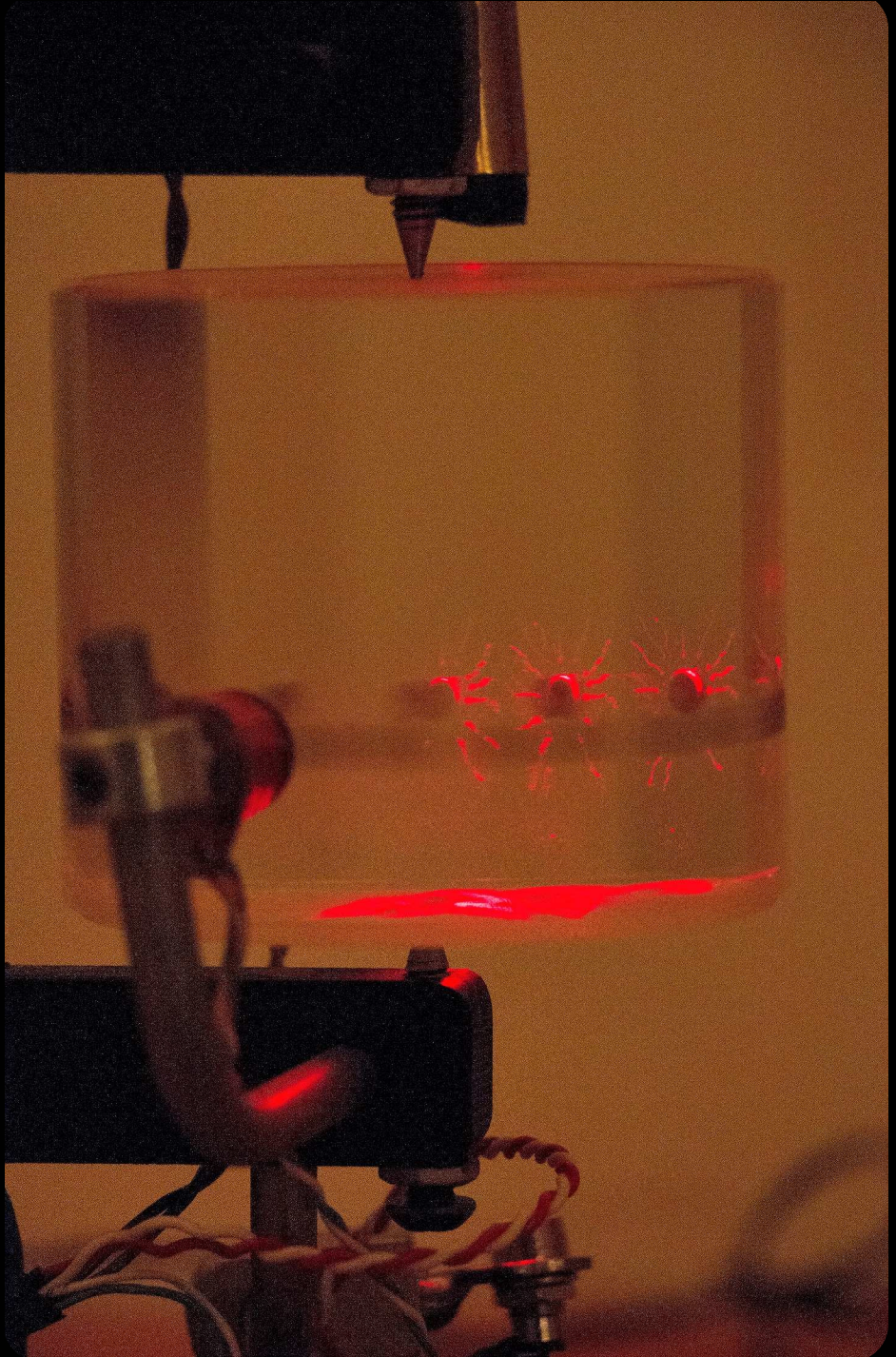
D.C. MOTOR * 1999
1 ft. x 1 ft. x 1 ft.
magnets driven by electromagnetic coil

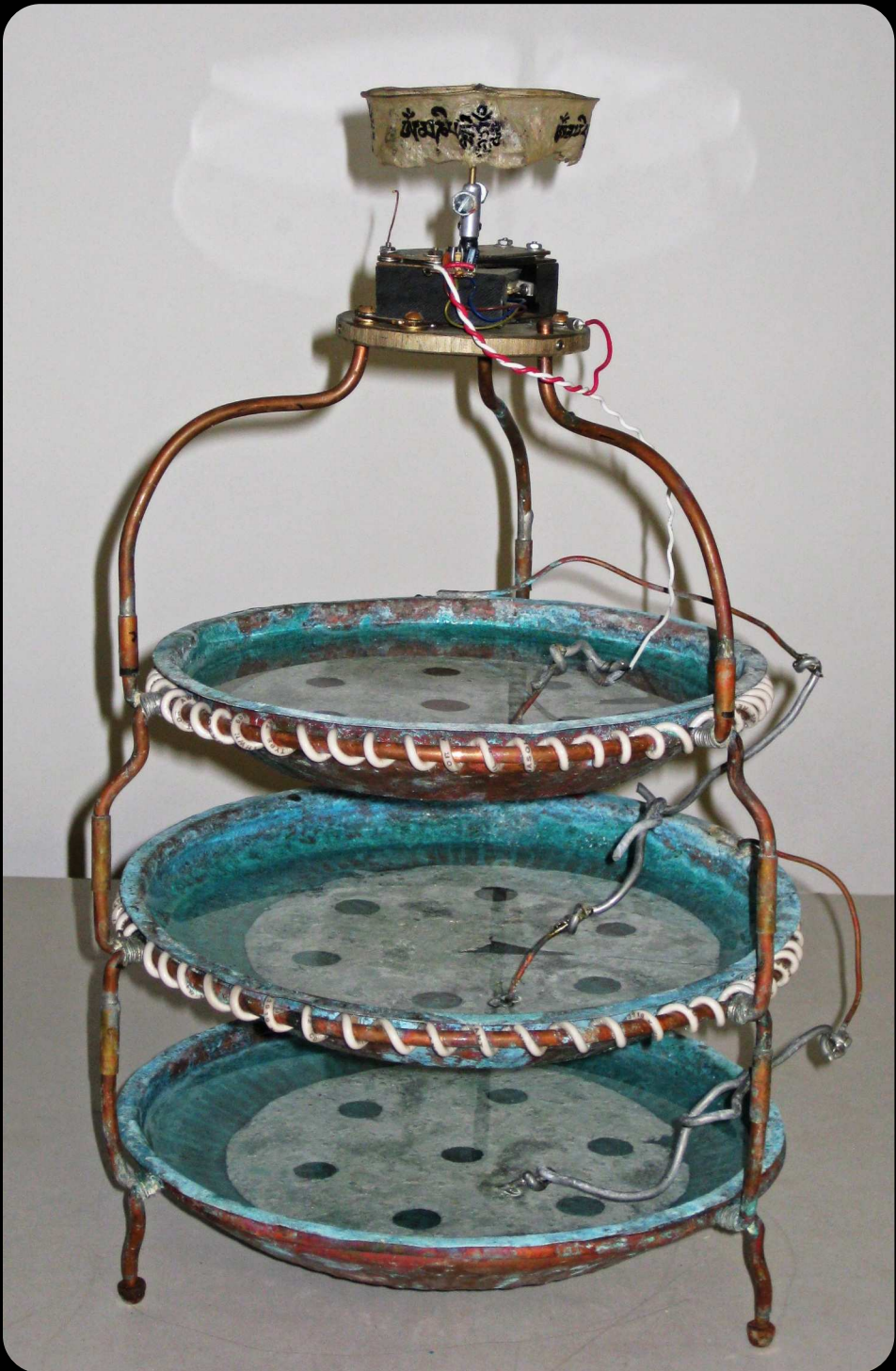


VOLTAGE CONTROLLED PENDULUM * 1999
24 in. x 42 in. x 18 in.
Changing the voltage changes the pendulums arc

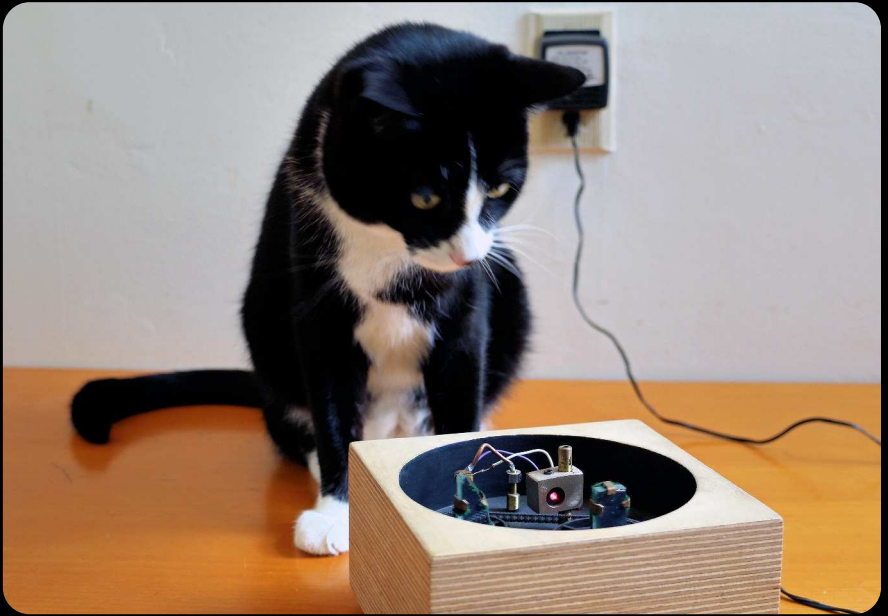


LITTLE SUNSHINE * 2000
created in collaboration with Michael Rudnick
10 in. x 10 in. x 6 in.
optical device

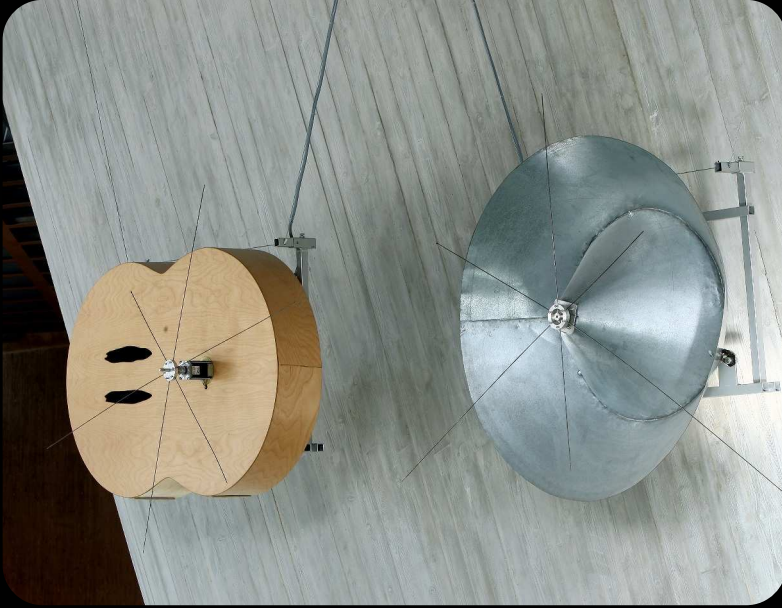




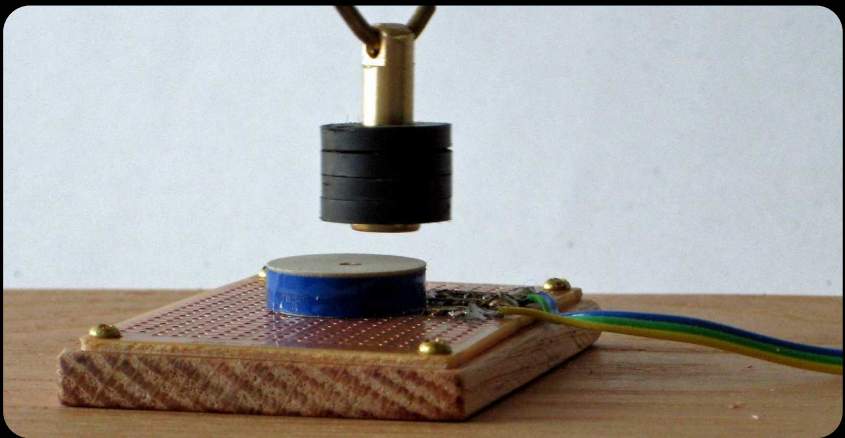
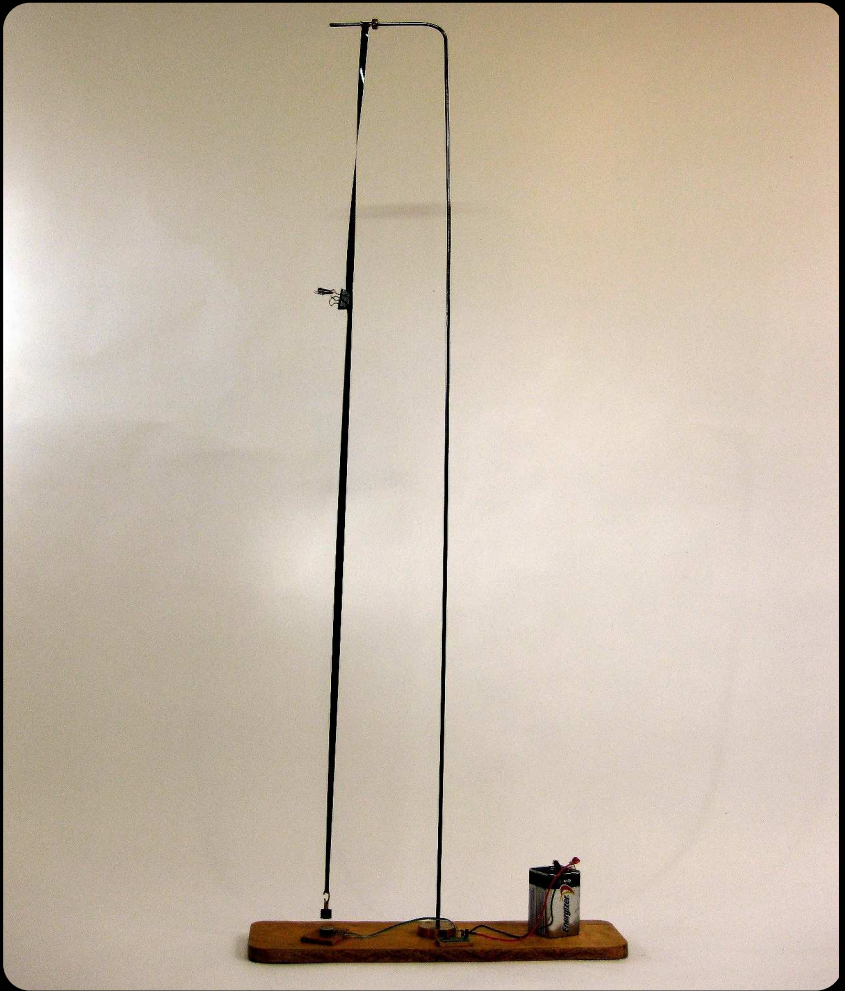
PRAYER WHEEL* 2002
12 in. x 17 in. x 12 in.
with copper - zinc galvanic cells



ROXANNE * 2002
6 in. x 4 in. x 7 in.



ROD ORGAN FOR PHAENO - 2005
20 ft. x 12 f.t x 4 ft. + keyboard
electro-acoustic musical instrument
collection of phaeno Science Center, Wolfsburg, Germany.



WHATEVER * 2010
23 in. x 62 in. x 10 in.

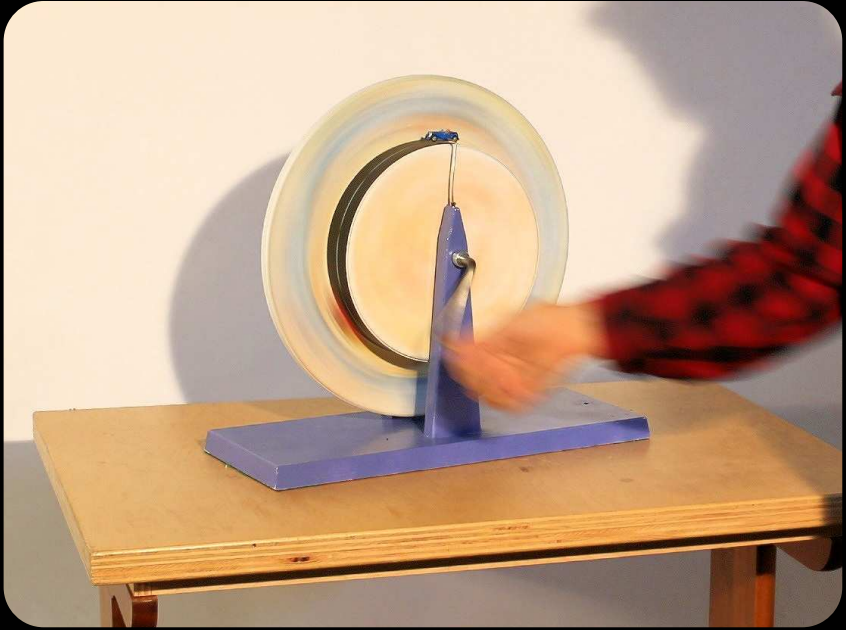


YOUR TURN COUNTS - 2013

36 in. x 18 in. x 24 in.

A brief history of numeric display devices

In the collection of The Exploratorium, San Francisco.



OUT FOR A SPIN * 2015
20 in. x 18 in. x 13 in.

Artwork by Norman Tuck has been purchased by:

Ann Arbor Hands-On Museum, Ann Arbor, MI
Alaska Museum of Science and Nature, Anchorage, AK
Arizona Science Center, Phoenix, AZ
Arkansas Children's Discovery Network, Little Rock
Atelier Fondazione IDIS, Citta` della Scienza, Naples, Italy
Beijing Oriental Plaza, Beijing, China
Big Bang Children's Museum, Osaka Japan
Casa de Las Ciencias, La Coruna, Spain
Childrens Discovery Center of San Jose, CA
Copernicus Science Center, Warsaw, Poland (3 pieces)
COSI, Toledo, OH - Discovery World, Milwaukee, WI
Discovery Science Center, Santa Ana, CA
Don Harrington Discovery Center, Amarillo, TX
Experimentarium, Moscow, Russia
Explora!, Albuquerque, NM
Exploratorium, San Francisco, CA (6 pieces)
Ft. Collins Museum of Discovery, CO
Great Lakes Science Center, Cleveland, OH
Gulfcoast Wonder and Imagination Zone, Sarasota, FL
Hong Kong Science Museum. Hong Kong
Japan Science Foundation, Tokyo, Japan
Lexington Scenery, Los Angeles, CA
McWane Center, Birmingham, Al
Museo Sol Del Nino, Mexicali, Mexico
Museu de la Ciencia i Tecnica, Barcelona, Spain
National Science Canter, Kuala Lumpur, Malasia
New York Hall of Science, Queens, NY
Parque de las Ciencias, Granada, Spain (2 Pieces)
Phaeno Museum, Wolfsburg, Germany (4 pieces)
Reubin H. Fleet Science Center, San Diego, CA
Science Center, Bandung, Indonesia
Science Museum of Oklahoma, Oklahoma City, OK
Science Museum of Western Virginia, Roanoke, VA
Science World, British Columbia, Vancouver, BC
Sci-Quest, Huntsville, AL
SciWorks, Winston-Salem, NC
Singapore Science Centre, Singapore
See Science Center, Manchester, NH
South Florida Science Museum West Palm Beach, FL
Technopolis, Technologielaan, Mechelen, Belgium
Techniquet, Cardiff, UK
Technorama, der Schweiz, Winterthur, Switzerland (3 pieces)
Vilvete, Aksenta, Bergen, Norway
Whitaker Center, Harrisburg, PA
Wonderlab, Bloomington, IN



STORAGE UNIT #81B - 2020
San Rafael, CA.
photo - Brenda Hutchinson

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* currently available for exhibition (2020)

v video at vimeo.com/normantuck

or visit: normantuck.com

