

Ryan BuysSENS

Selected Works



ALKAHEST - 2025 (film stills)
Media: 16mm film, High-Speed Video
Dimensions: Variable (Projection)

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Selected Works



[in]florescence (*Interactive Installation at Saginaw Art Museum*) - 2022

Media: Cathode Ray Tubes, Transducers, Oscillators, Microcontroller, Wire, Plywood

Dimensions: 12'W X 2'H

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Selected Works



For The Love of Gaud - 2019

Media: Skull cast from industrial iron of unknown purity and encrusted with approximately \$14 worth of self-adhesive plastic gems

Dimensions: 12" X 14" X 4"

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Selected Works

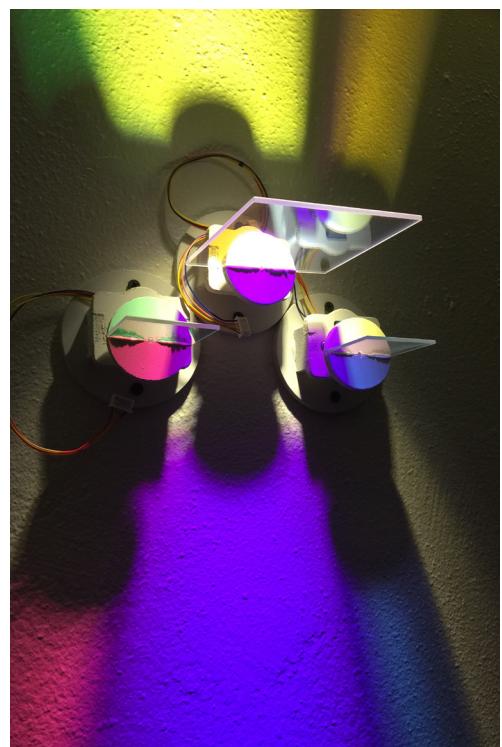
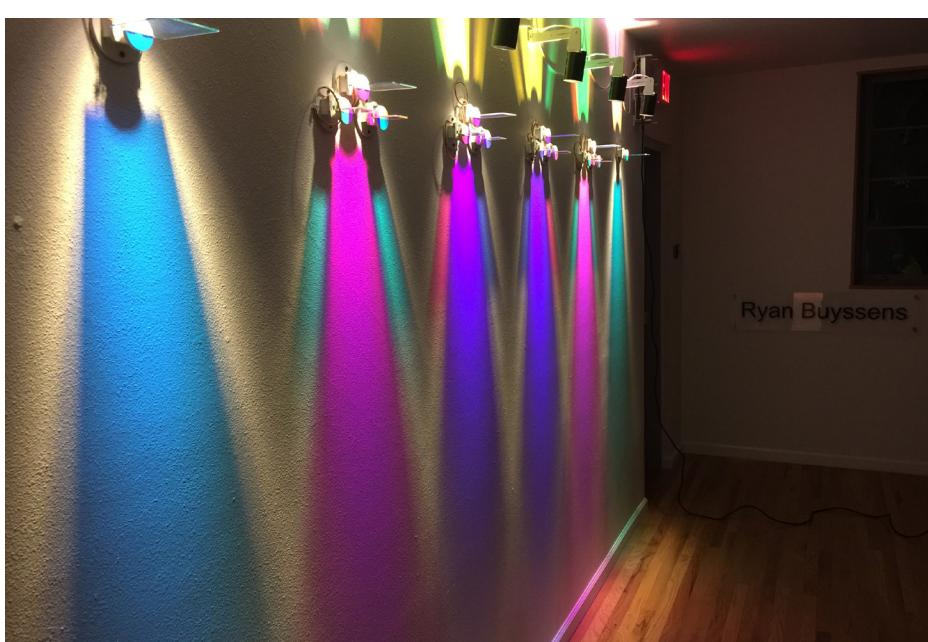
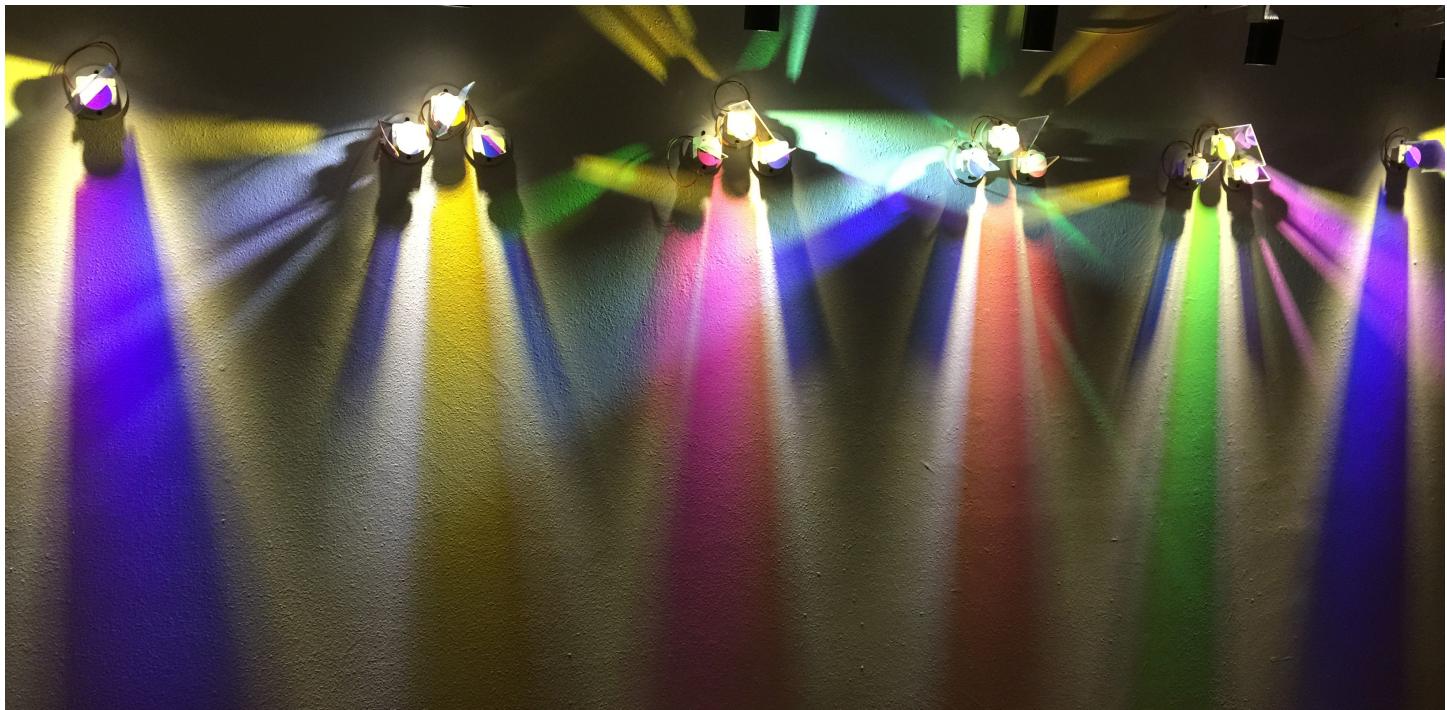


turbulence (permanent Interactive Installation at Orlando Science Center) - 2017

Media: Laser-Sintered Polyamide, Carbon-Fiber, Tyvek, Aluminum, Micro-Controller, Proximity Sensor, Electric Motor, Plywood - Dimensions: 15' X 30'

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Selected Works



Chromactive - 2017

Media: Lights, Dichroic Glass, Stepper Motors, Proximity Sensor, Microcontroller

Dimensions: 12'W X 8'H

(Interactive, chromatically active installation)

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Selected Works



Outlook - 2016

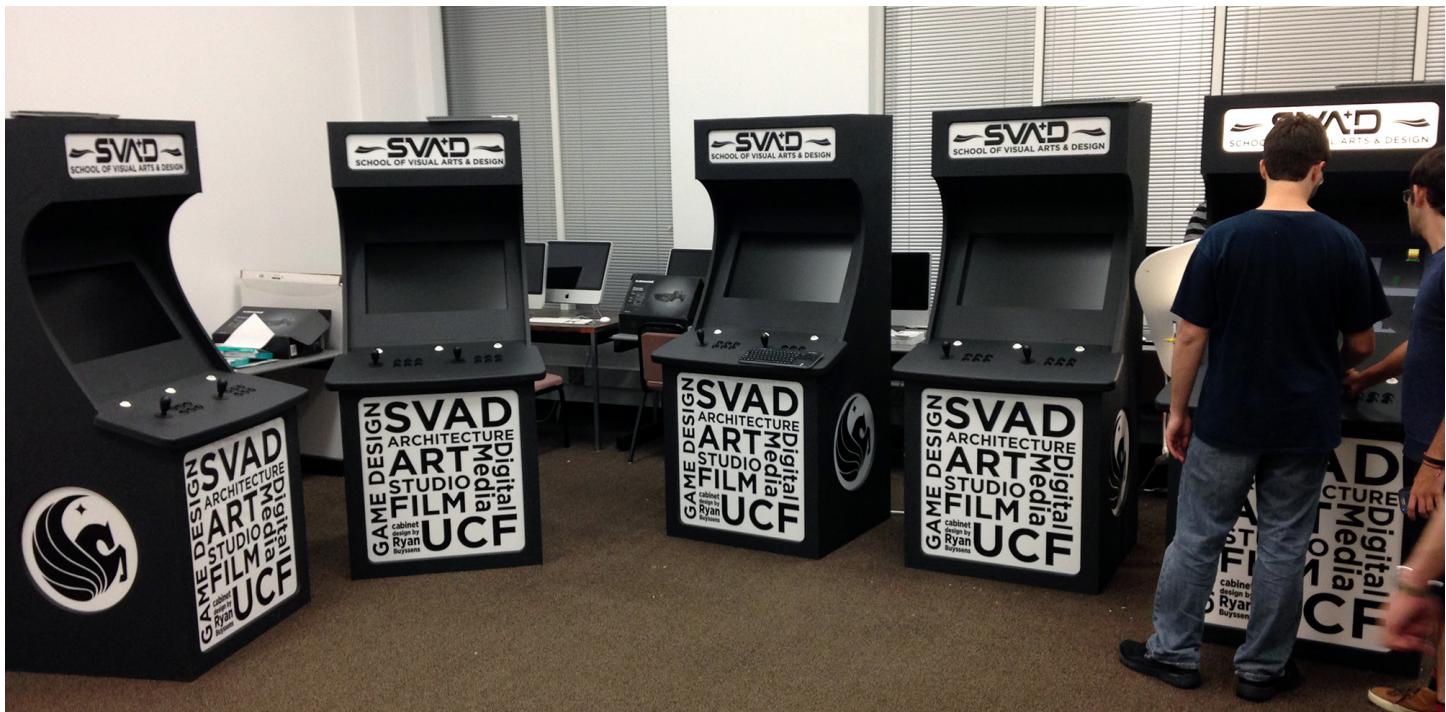
Media: Paint, Canvas, Magic

Dimensions: 40" X 30"

(this is an interactive painting in which the paint actually changes while someone views it)

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Selected Works



Arcade Cabinet - 2014

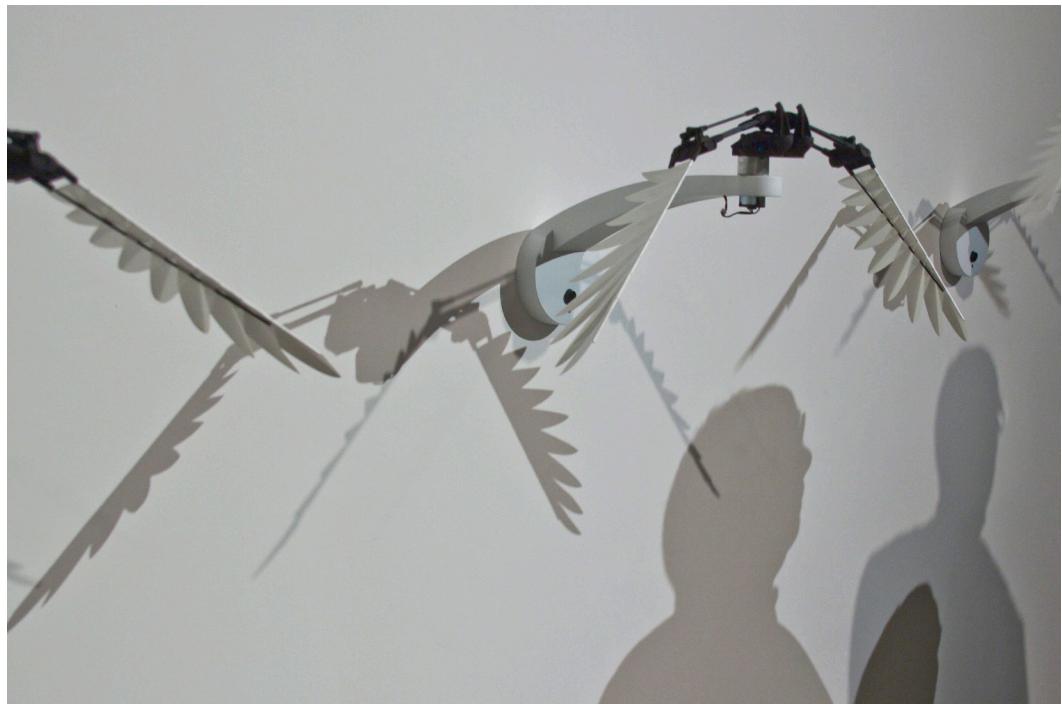
Media: MDF, Acrylic, LED Lighting, Gaming Computer, Monitor, Vinyl Decals

Dimensions: 32" X 32" X 72"

(created for University of Central Florida School of Visual Arts and Design)

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Selected Works

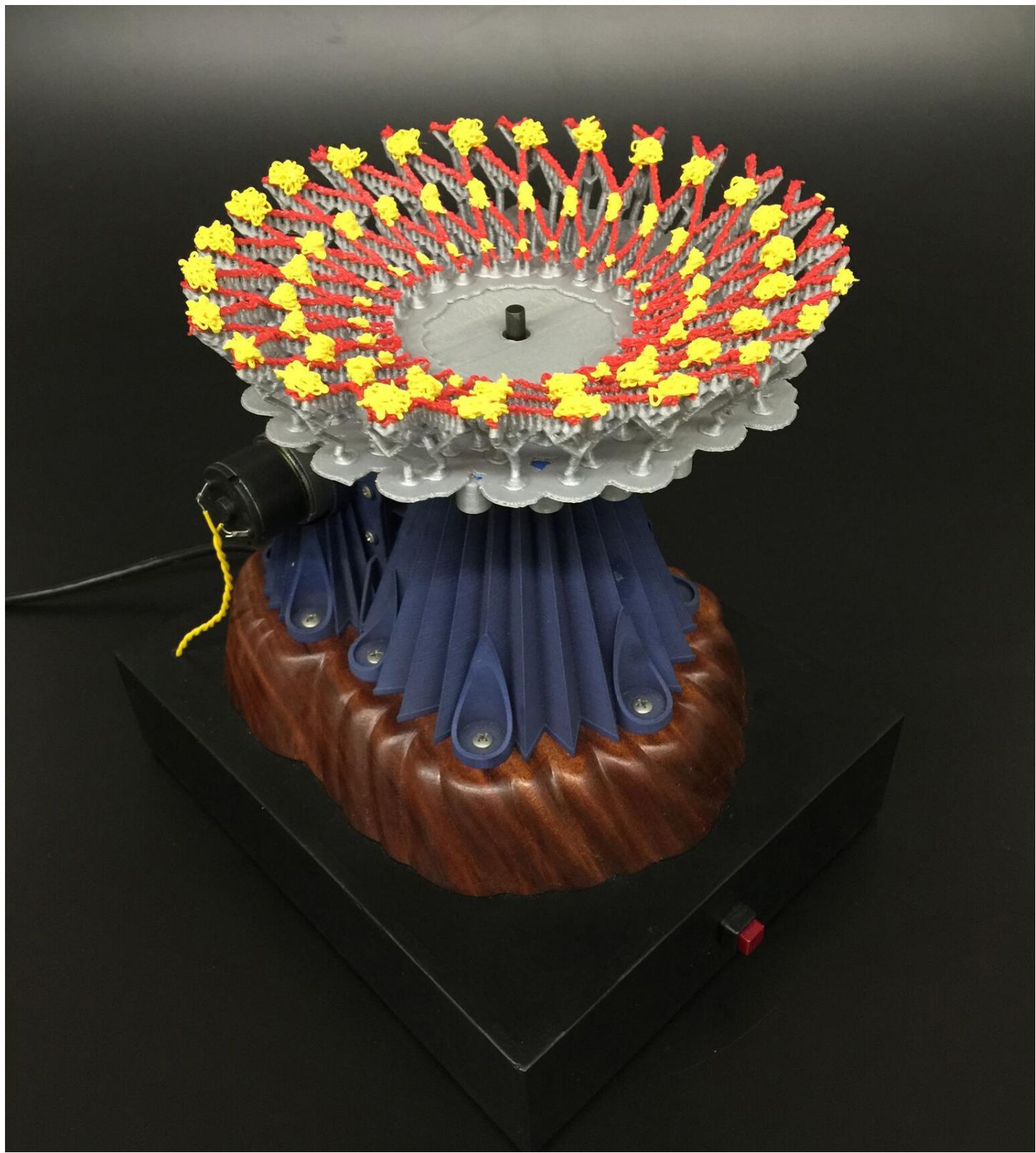


resistance - 2013

Media: Laser-Sintered Polyamide, Carbon-Fiber, Titanium, Anodized Aluminum, Micro-Controller, Proximity Sensor, Electric Motor, Aircraft Plywood
(interactive, fully articulated, mechanical bird wings)

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Selected Works



Intertrope Base Unit (IBU) - 2012

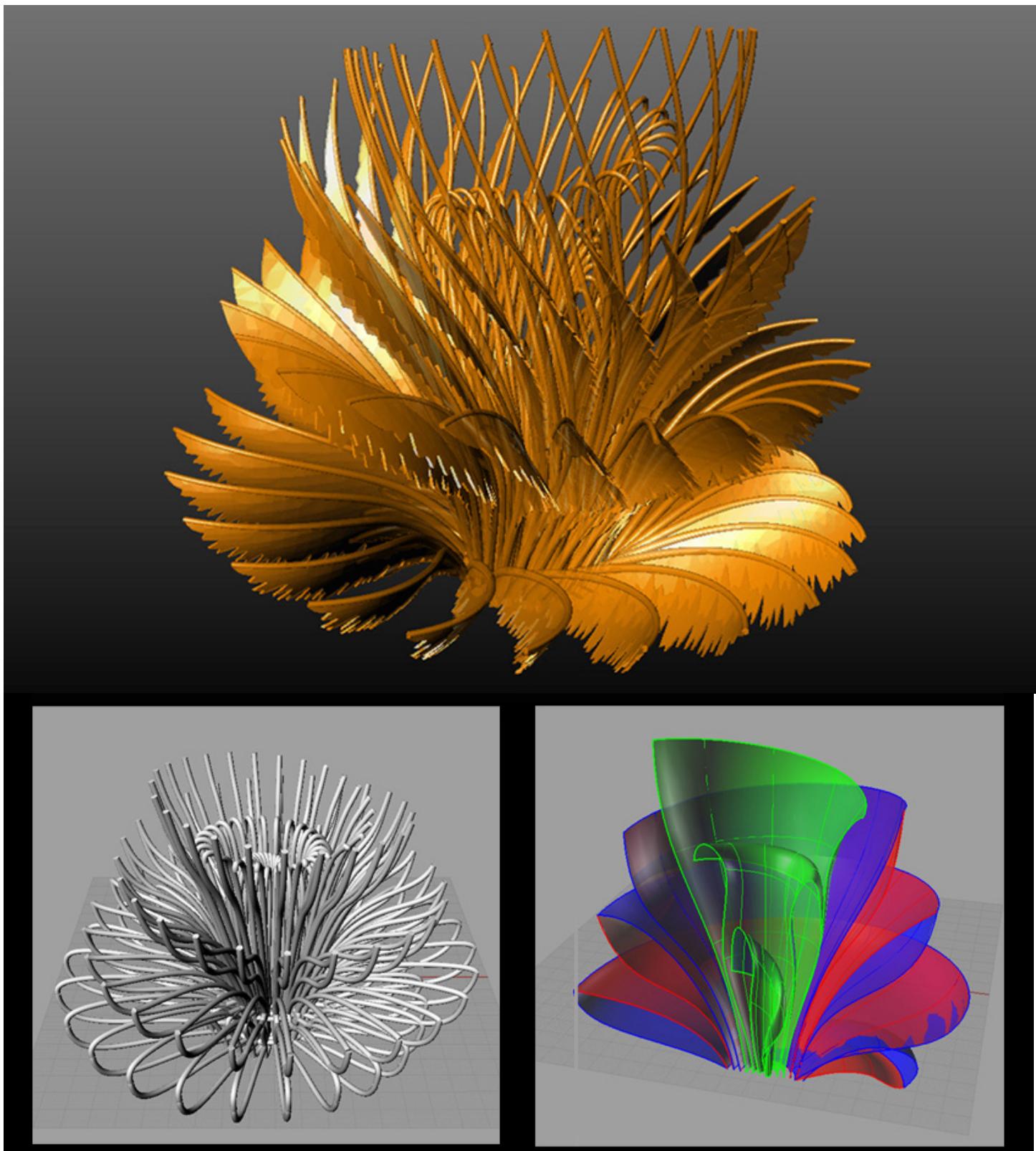
Media: Laser-Sintered Polyamide, Stainless Steel, Micro-Controller, Electric Motor, Mahogany

Dimensions: 14" X 14" X 18"

(Mechanical animation device that supersedes the zoetrope)

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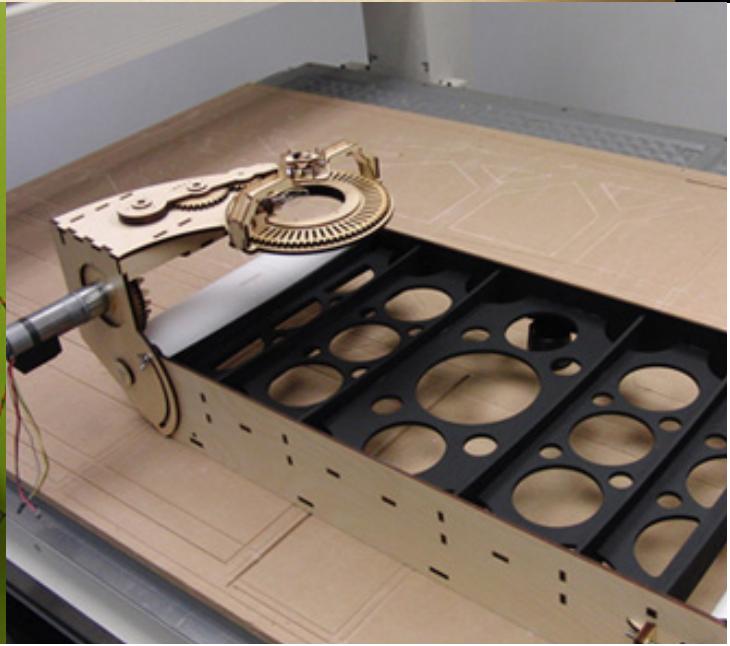
Selected Works



Fountain (Creatio Ex Nihilo) - 2012
Design evolution studies (in preparation for 3D Printing)

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Selected Works



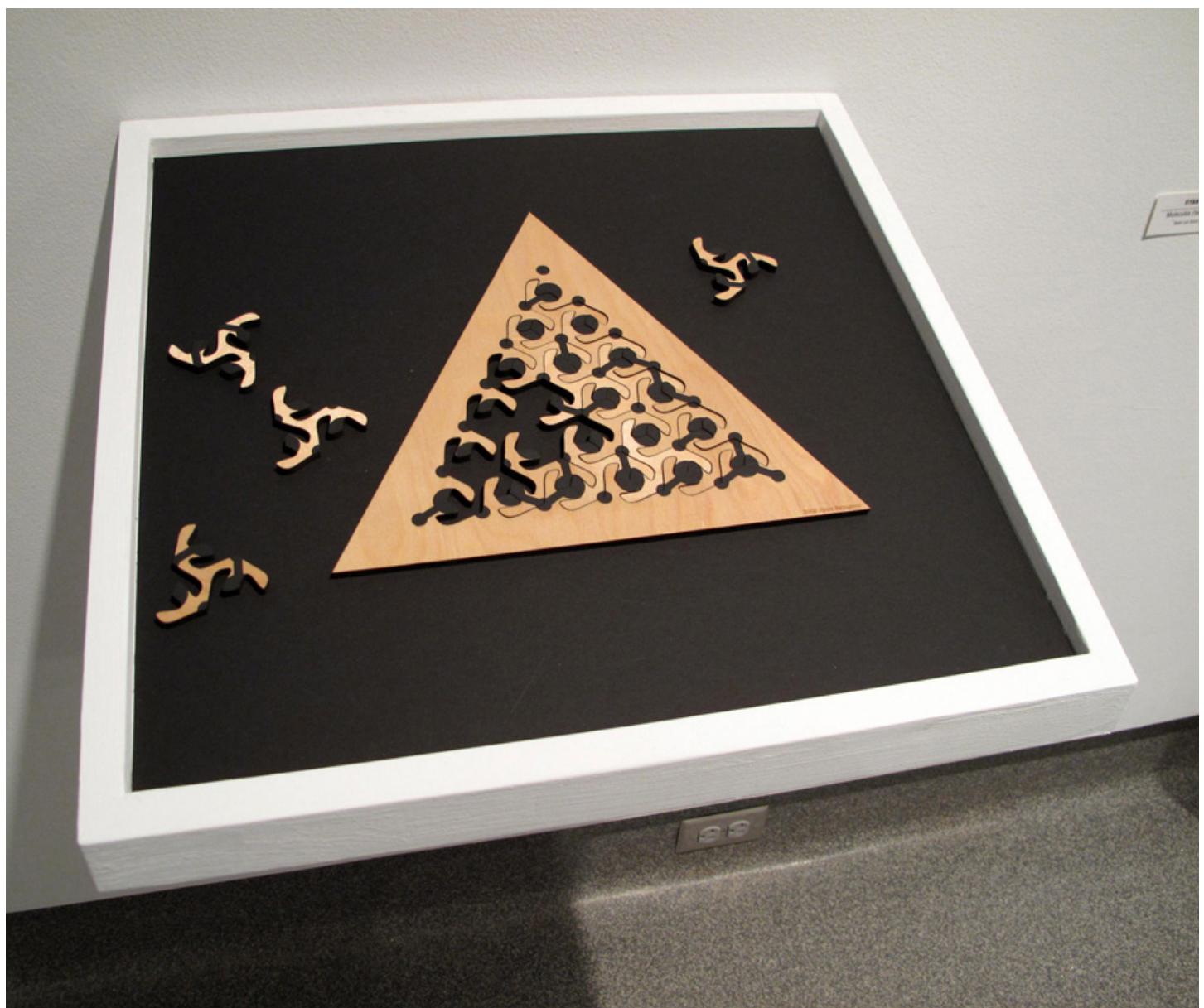
Lucent Ripple - 2010

Media: Laser-cut Plywood, Servomotor, Arduino, Canvas, Morphochromic Pigment

Dimensions: 18" X 32" X 8"

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Selected Works



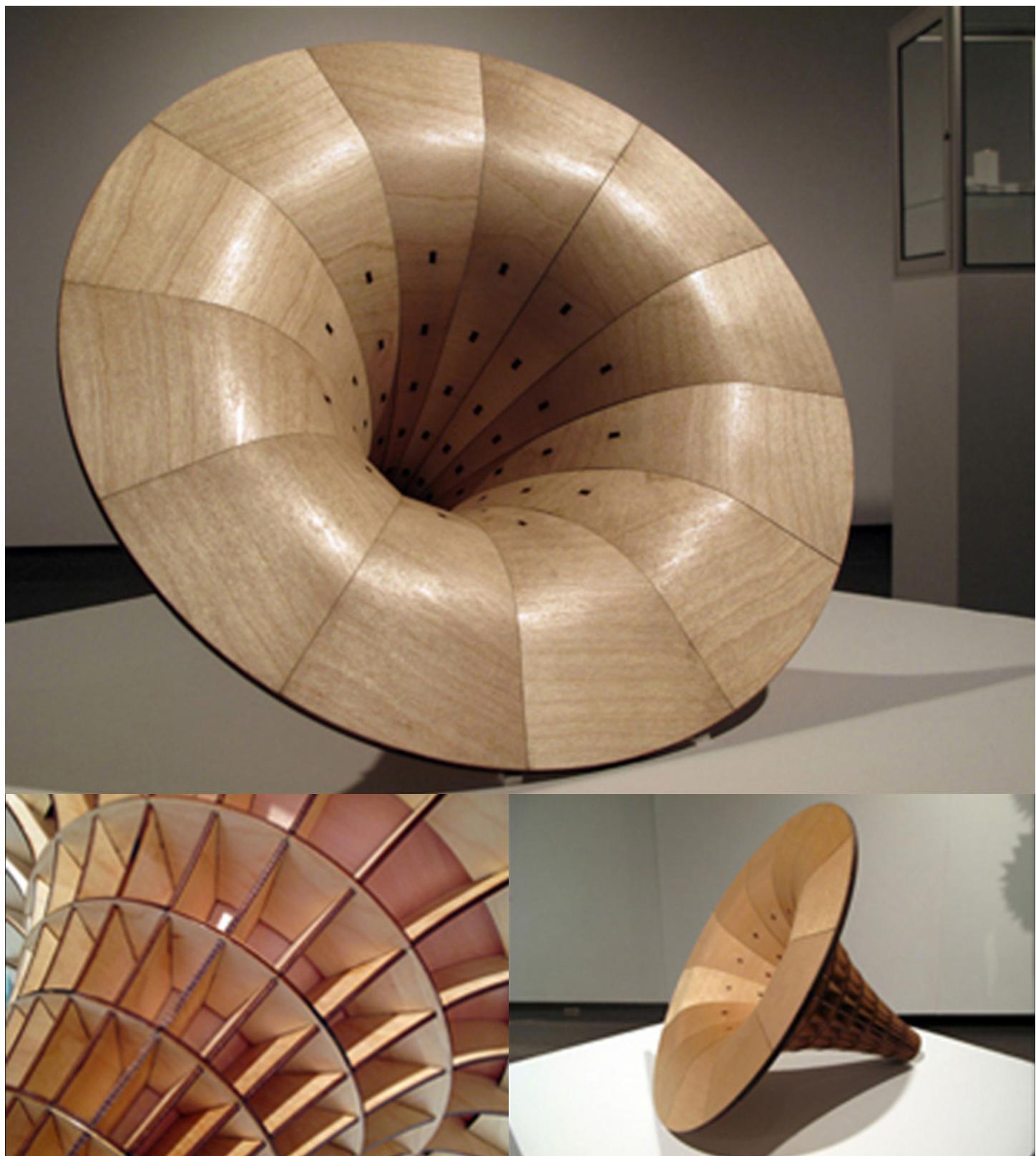
Tessellation Overlay Puzzle - 2010

Media: Laser-cut Birch Plywood, Paint

Dimensions: 9" X 9"

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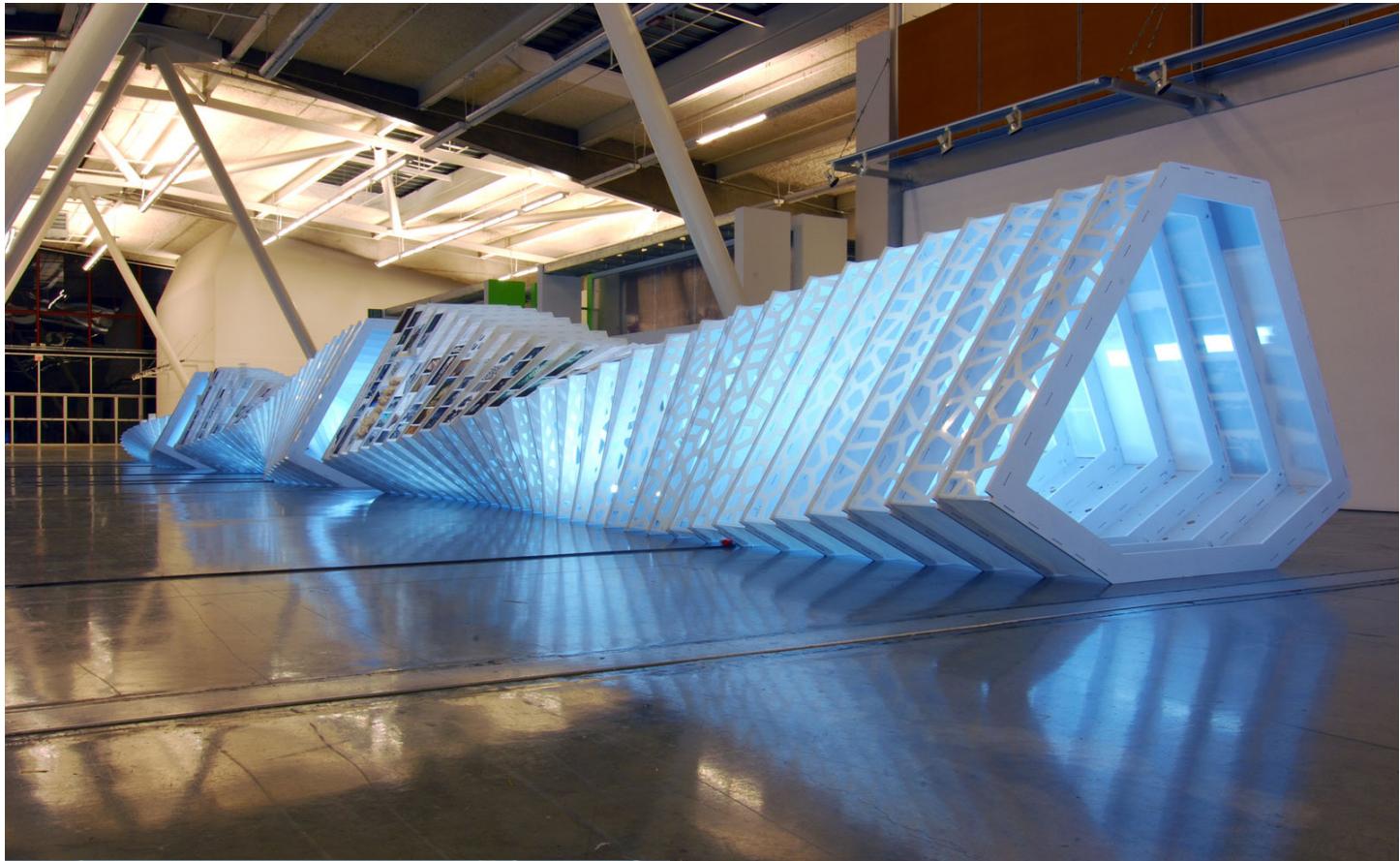
Exponential Antechamber - 2009

Media: Laser-cut Aircraft plywood

Dimensions: 24" X 24" X 24"

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Selected Works (collaborative)



Credits:

Director of Architecture: Ila Berman

Project Coordinator and Director of the MEDIALab: Andrew Kudless

Installation Design: Kory Bieg, Andre Caradec, Andrew Kudless, Ila Berman

Exhibition Curation: Andrew Kudless with Ila Berman and Marc Fornes

Graphic Design Assistants: Jessica Gibson, Andy Payne, Melissa Spooner

Parametric Design Consultant: Andy Payne

Installation Team: Laurice der Bedrossian, Yoon Choi, Stephanie Close, Loi Dinh, David Garcia, Jessica Gibson, John Hobart-Culleton, Charlotte Hofstetter, Madaline Honig, Wayne Lin, Sandra Lopez, Mariko Low, Jen Melendez, Michelle Mucker, Andrew Peters, Jason Rhein, Ocean Rogoff, Angela Todorova, Dianne de la Torre, Michael Victoria, Olesya Yefimov

Graphic Design, Modeling and Scripting Team: Olutobi Adamolekun, Lynn Bayer, Ripon DeLeon, Anthony Diaz, Alexa Getting, Jessica Gibson, Noah Greer, Benjamin Harth, Madeline Honig, Elizabeth Jackson, Pouya Khakpour, Anna Leach, Ryan Lee, Charles Ma, David Manzanares Garcia, Ariane Mates, Andy Payne, Harsha Pelimuhandiram, Michael Perkins, Javier Rodriguez, Ricardo Ruiz, Melissa Spooner, Jessica Stuenkel, Vladimir Vlad, Duncan Young

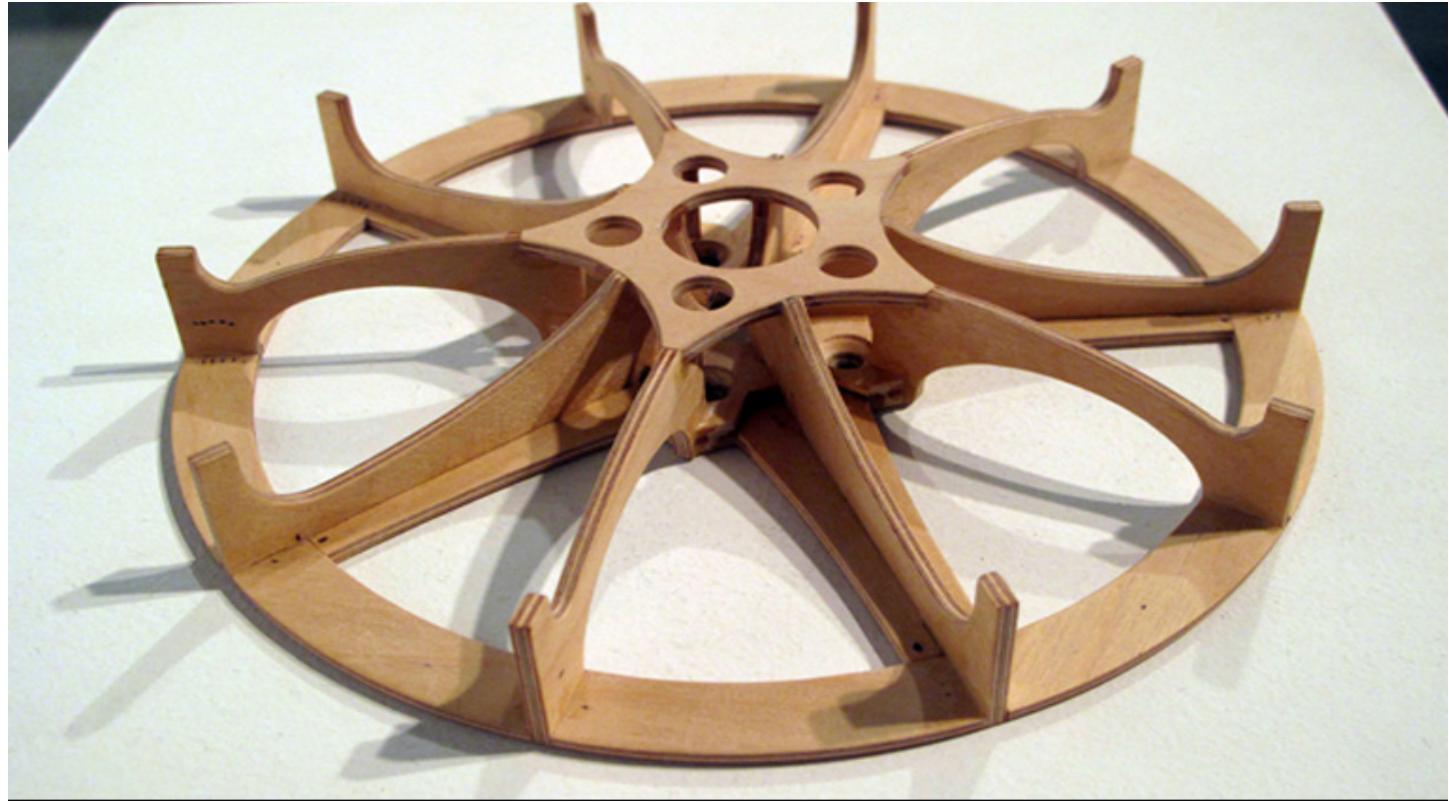
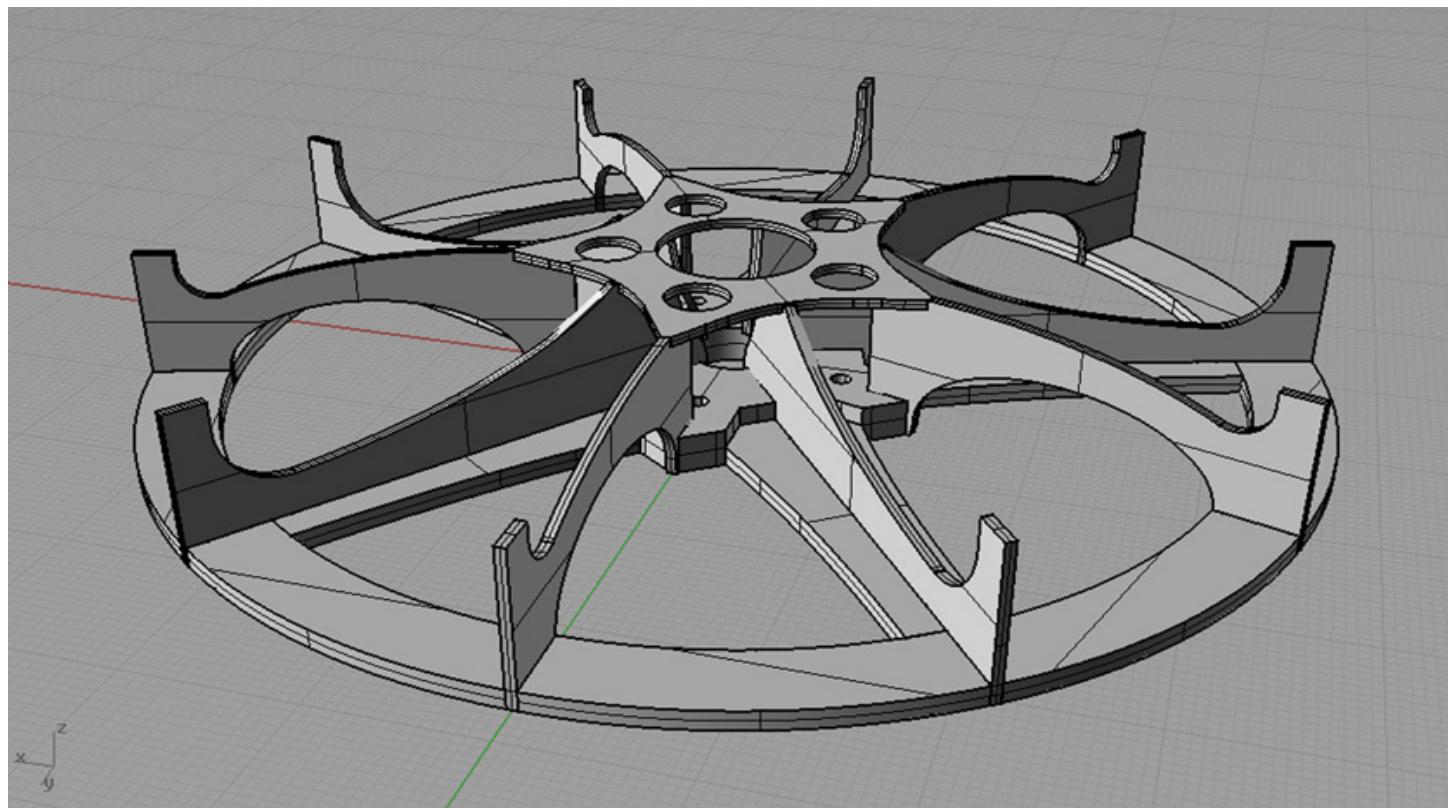
Sponsors: SolidThinking, K Bieg Design, SUM Arch, Vogue Graphics

CNC Fabrication Support: Ryan BuysSENS, Jo Slota

Consultation: Chris Chalmers, Andrew Sparks

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Intertrope Hub 1.0 - 2008

Media: Aircraft Plywood, Carbon Fiber

Dimensions: 7" X 7" X 1"

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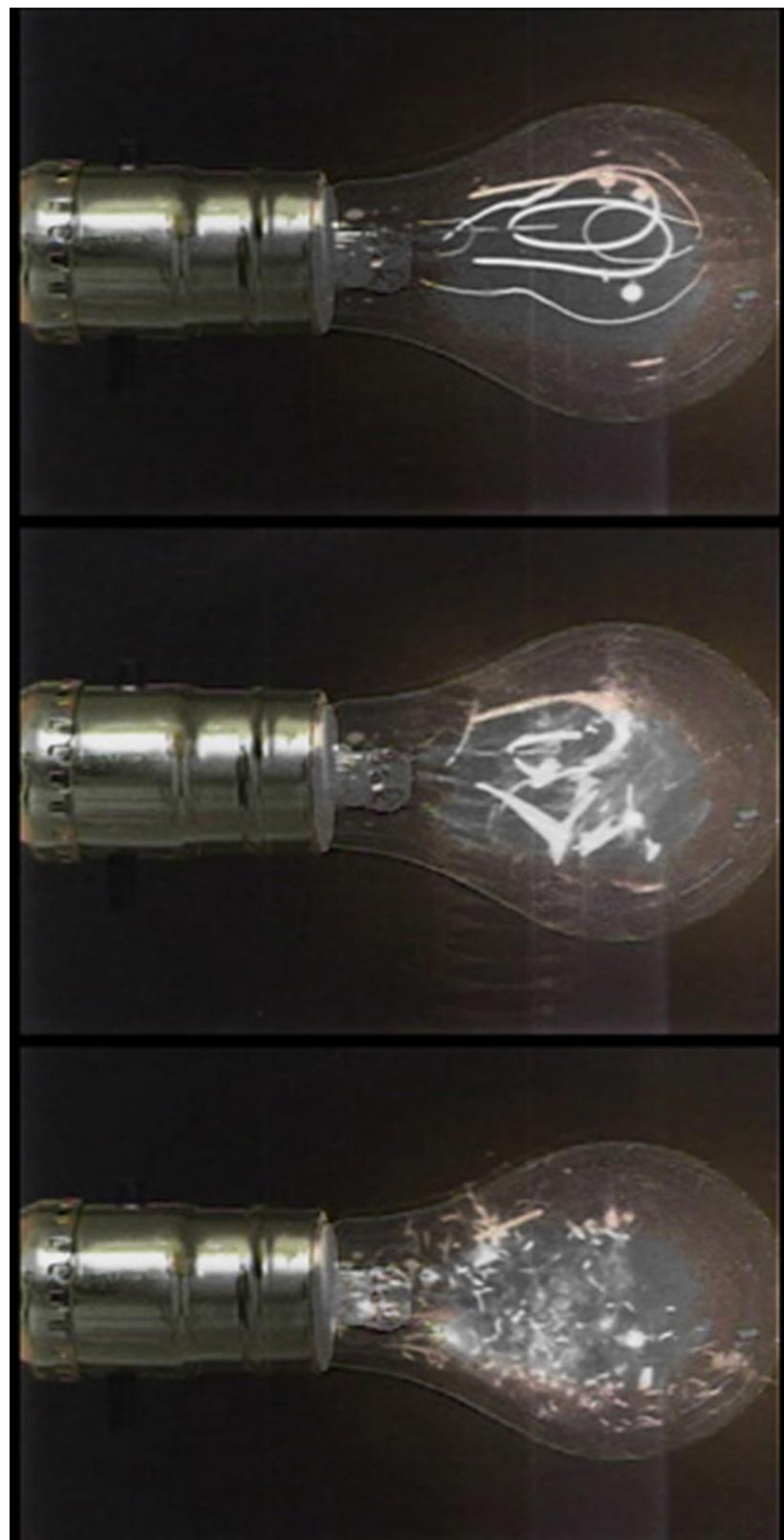
promenade - 2007

Media: Matchsticks, Plywood, Carbon Fiber, Electric Motor, Microcontroller

Dimensions: 18" X 18" X 44"

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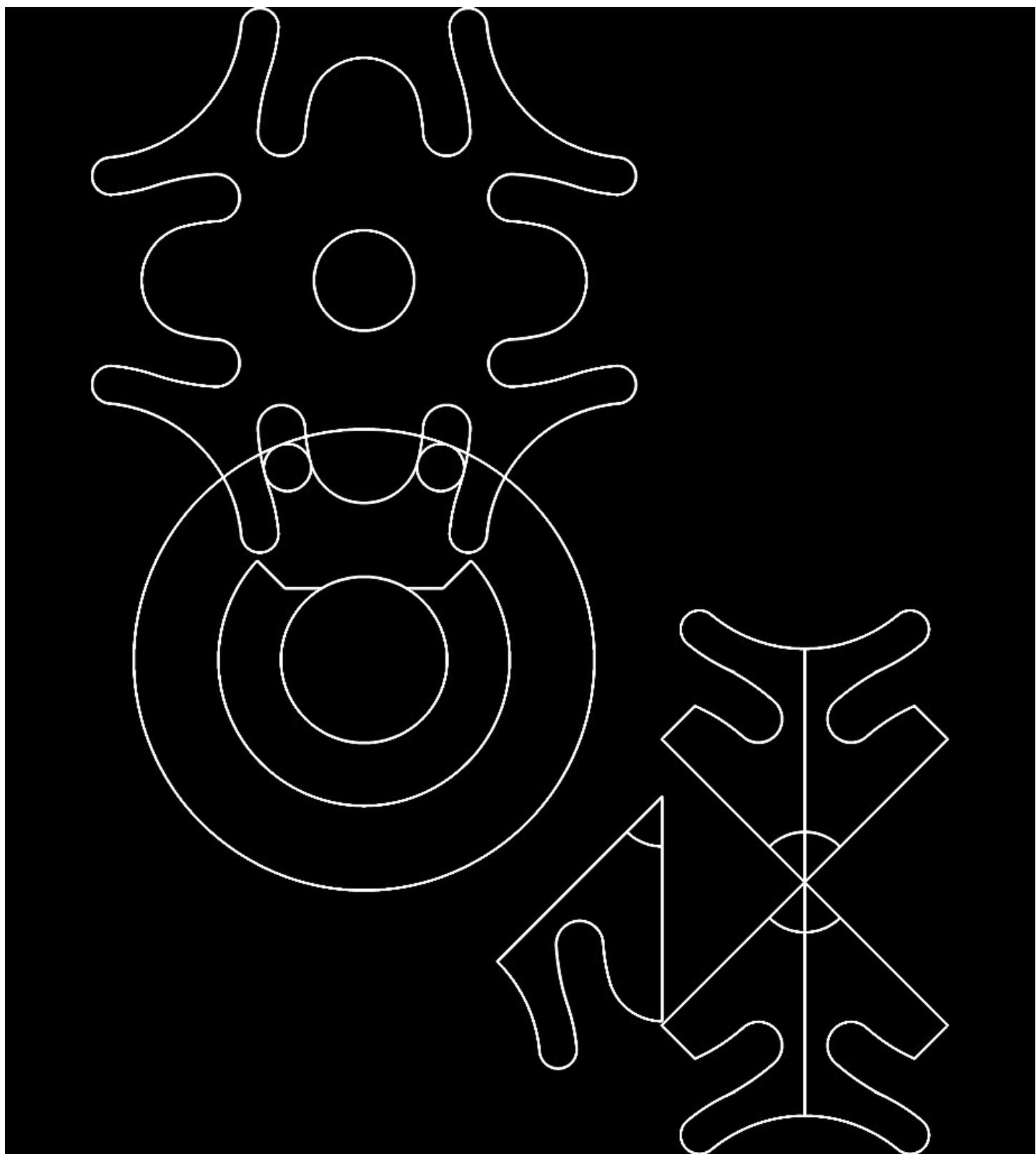
Highspeed Subversion - 2006 (Video Stills)

Media: Single Channel Video

Dimensions: Variable

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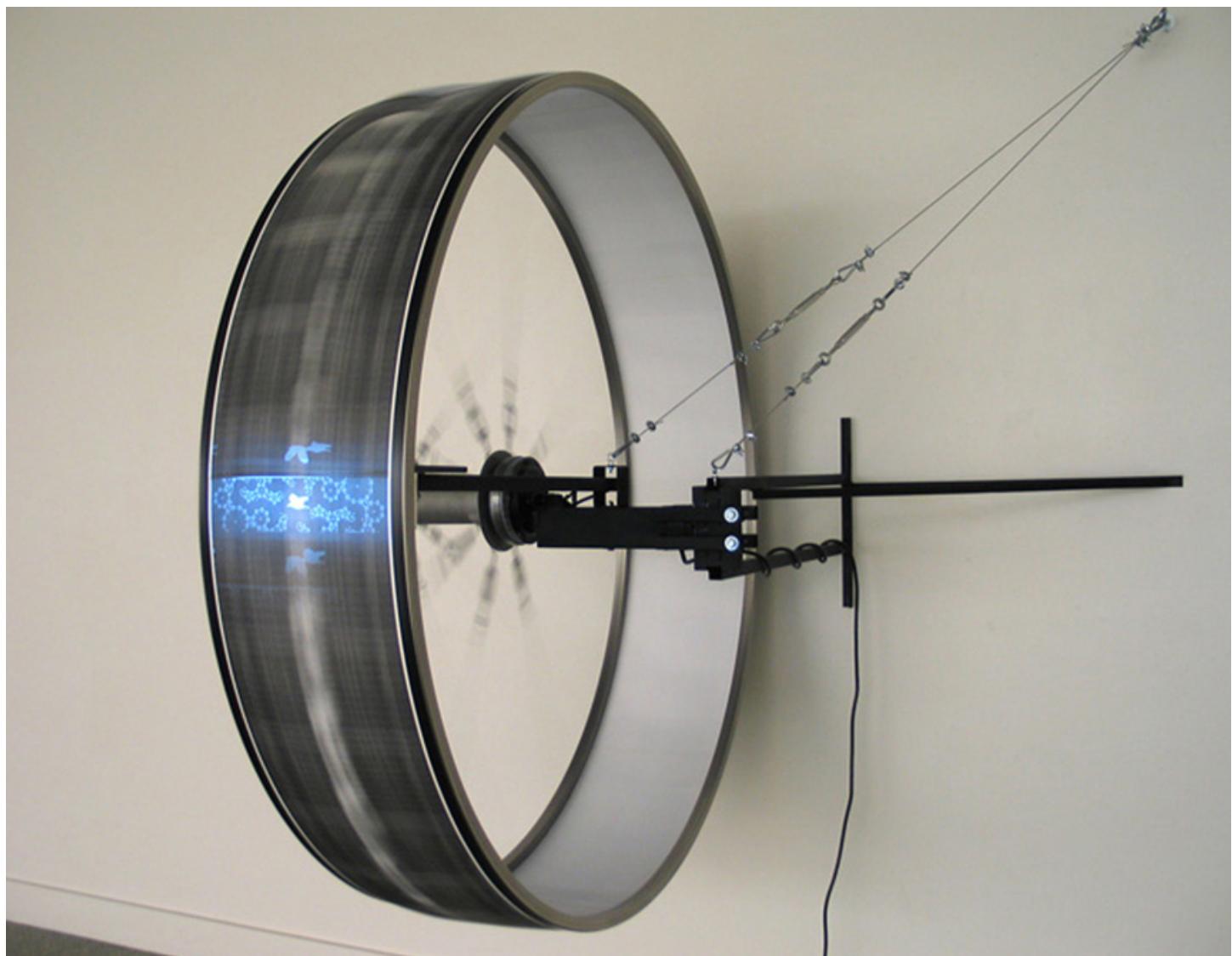
Intermittent Mechanisms- 2006 (Video Still)

Media: Single Channel Video

Dimensions: variable

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contrivance II (with birds and genevas animation) - 2005

Media: Stainless steel, electric motor, strobe, archival prints

Dimensions: 5' X 4' X 8'

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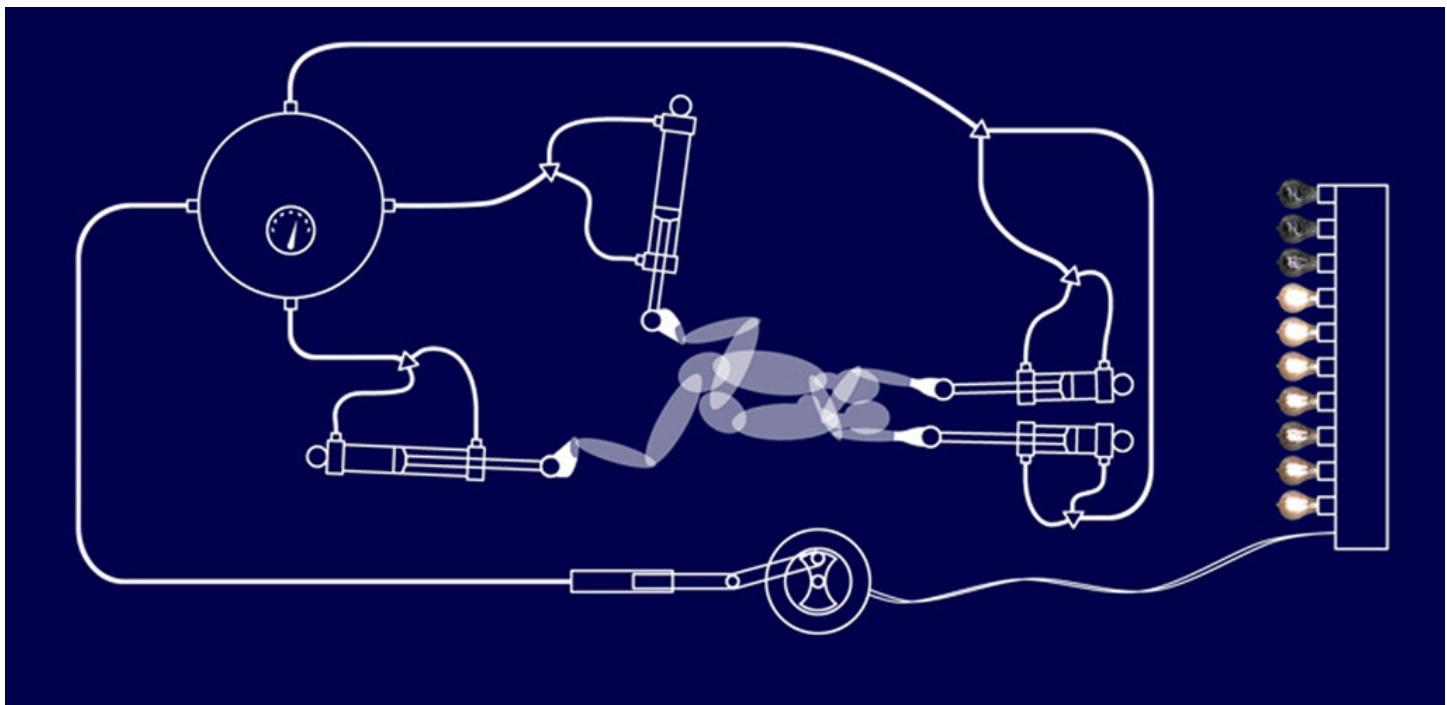
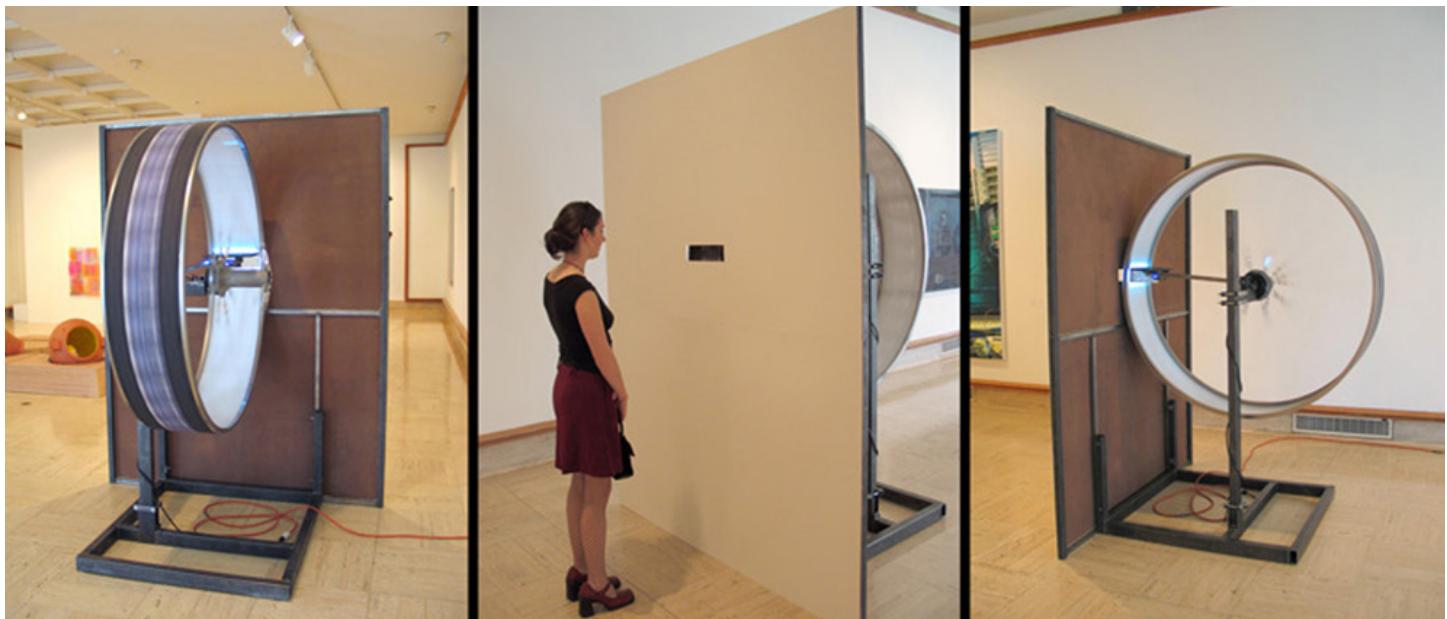
Snow Sculpture - 2005

Media: Snow

Dimensions: 8' X 8' X 8'

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animation still

contrivance - 2004

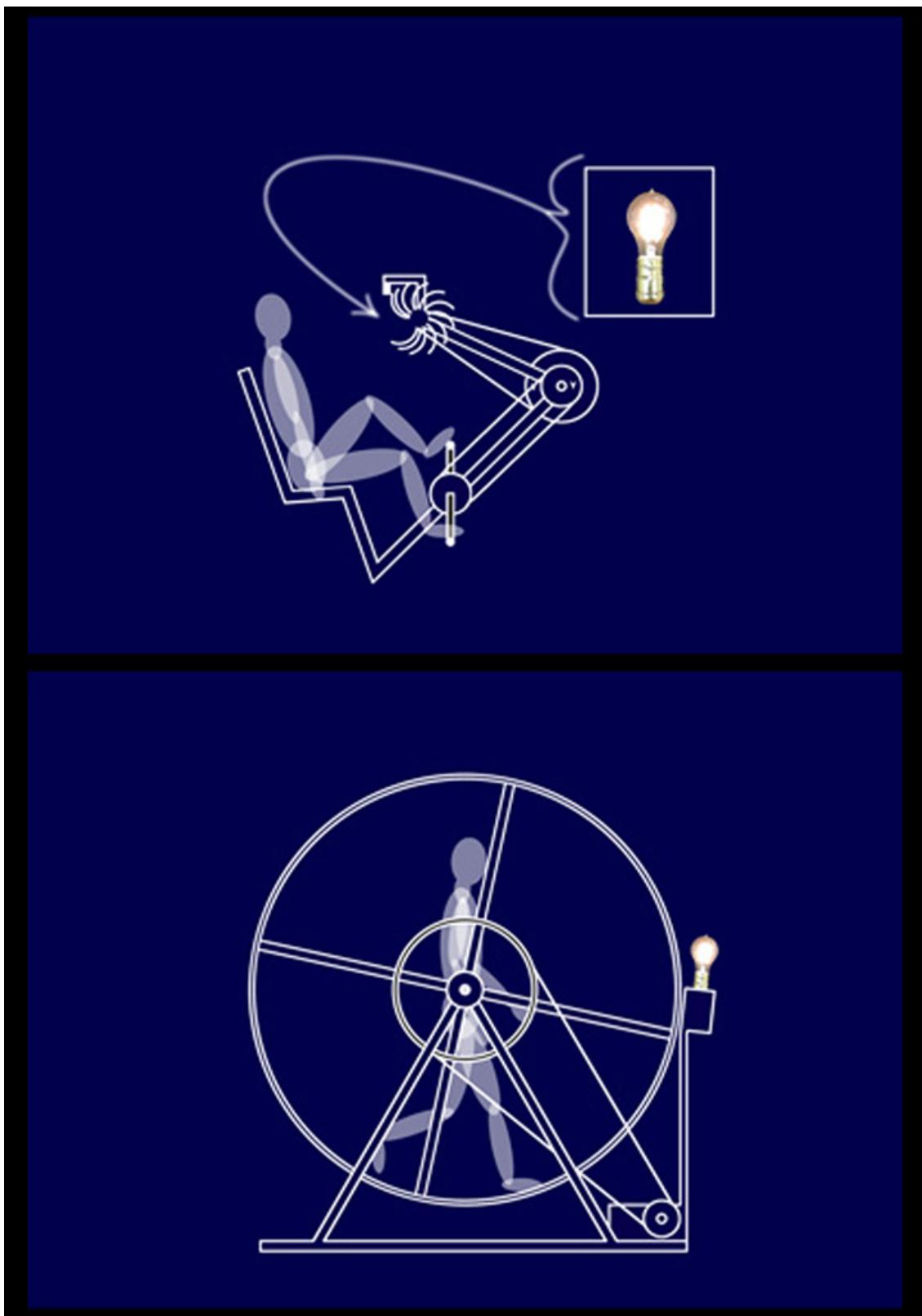
Media: Stainless steel, electric motor, strobe, archival prints

Dimensions: 8' X 8' X 8'

Intercourse Generator (animated concept used as content for *contrivance*) - 2004

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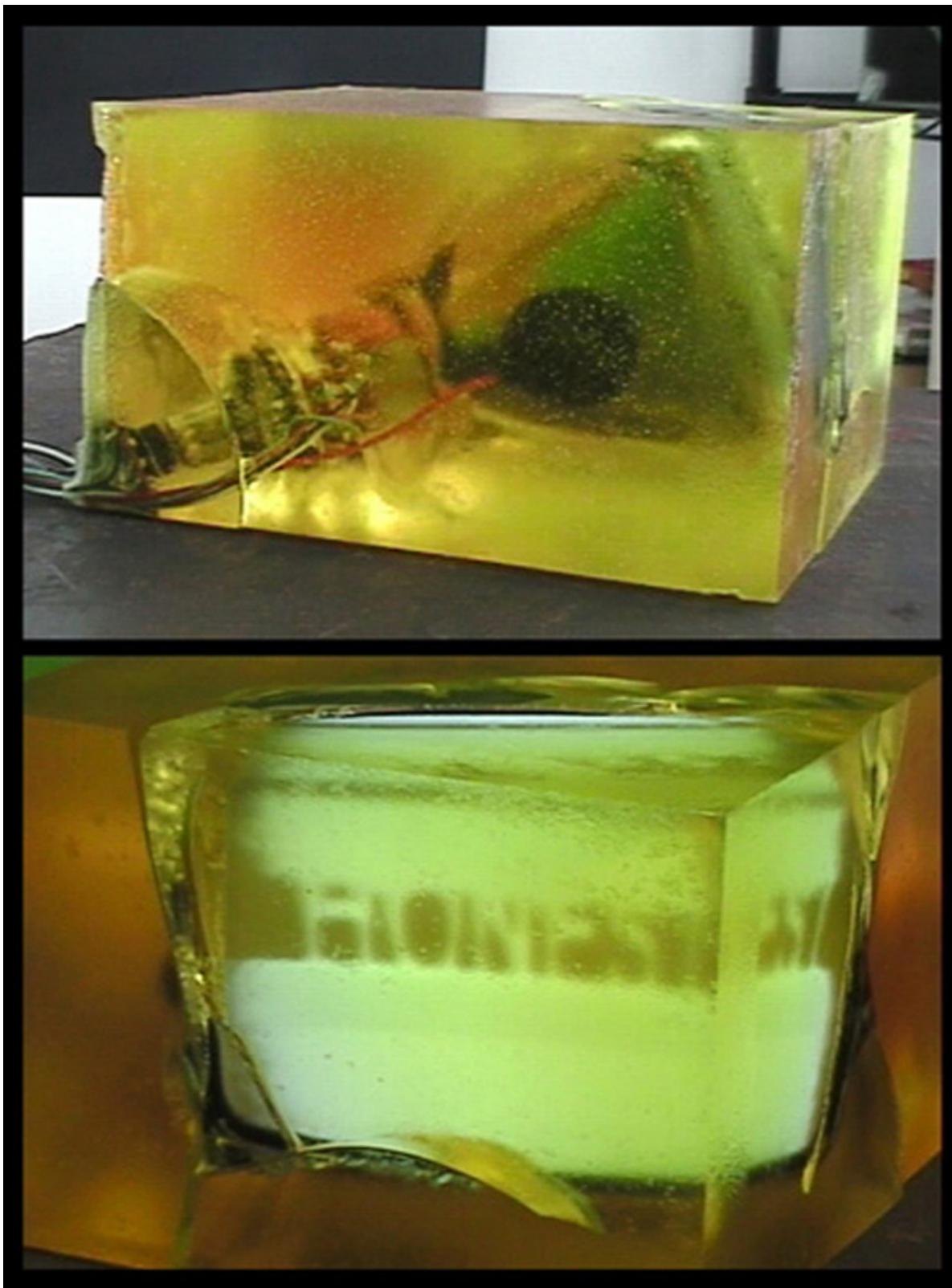
Mutocycle & Stroborotor (animated concepts) - 2004

Media: Single Channel Video

Dimensions: Variable

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embedding - 2003

Media: Resin, cathode-ray tube, video footage

Dimensions: 6" X 10" X 4"

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A failed attempt to mass-produce Art - 2002

Media: Paper, Cast Resin, Cast Concrete

Dimensions: 5" X 8" X 1"