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4.510 Digital Design Fabrication
Fall 2008

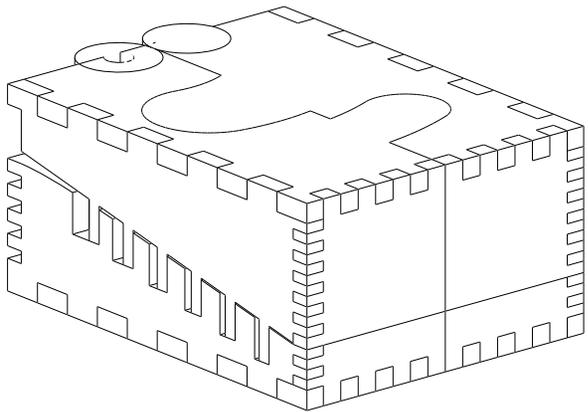
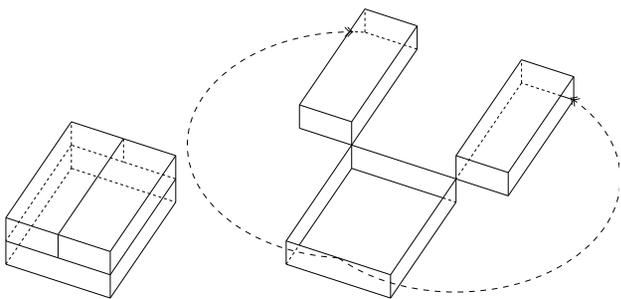
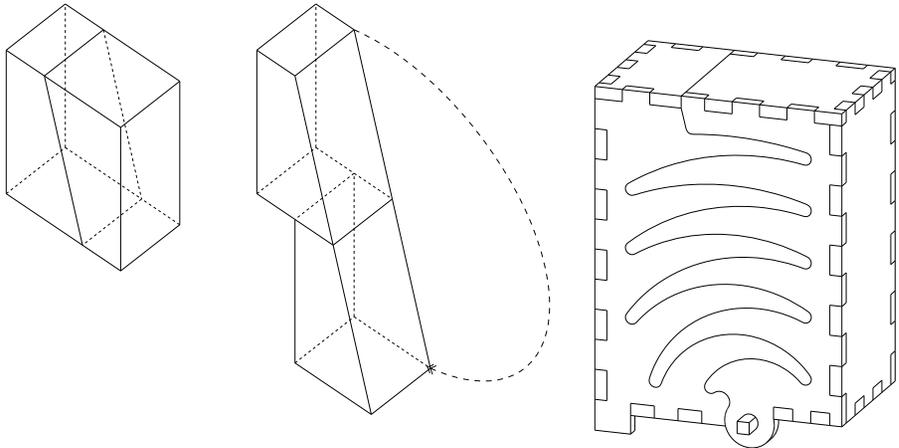
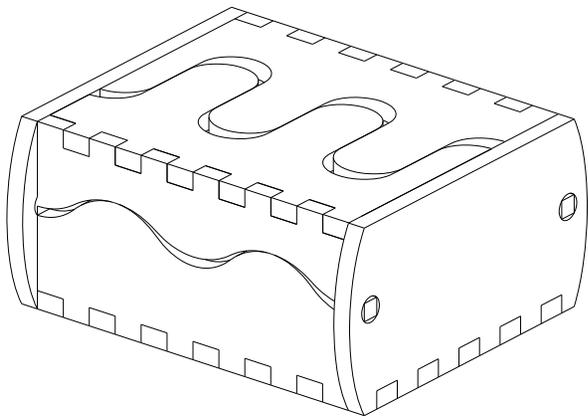
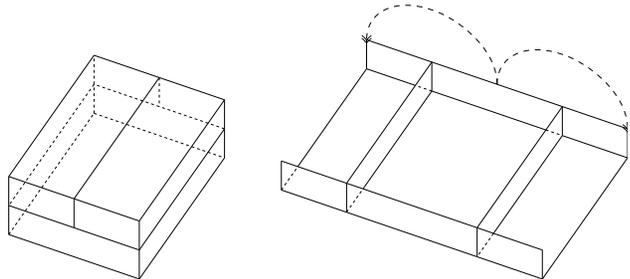
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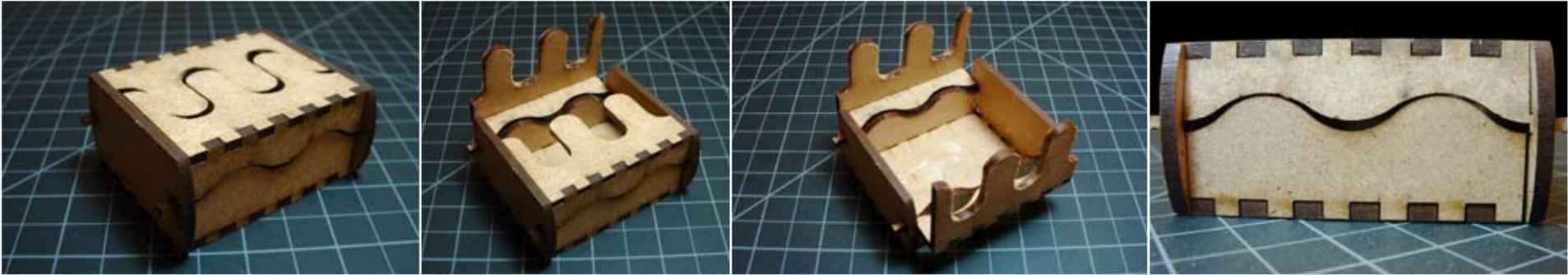
the shoebox:

.....digital fabrication

design criteria:

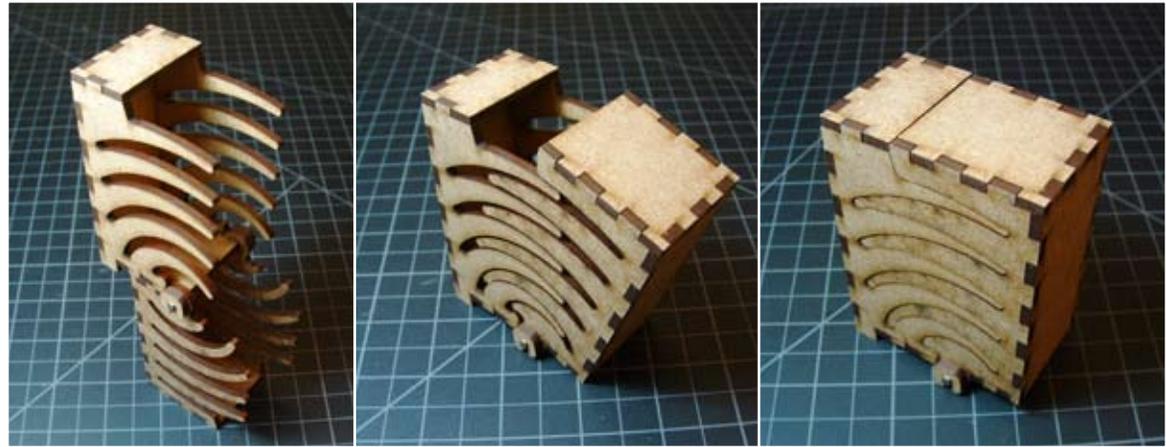
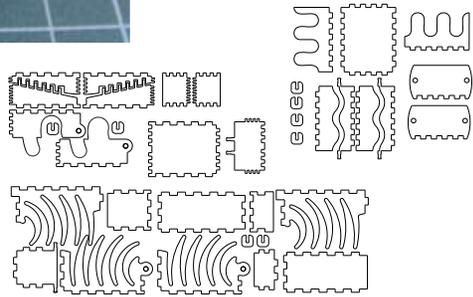
- 1.....the box shall perform storage and display
- 2.....the box shall be operable
- 3.....any decoration shall arise from the box's operation





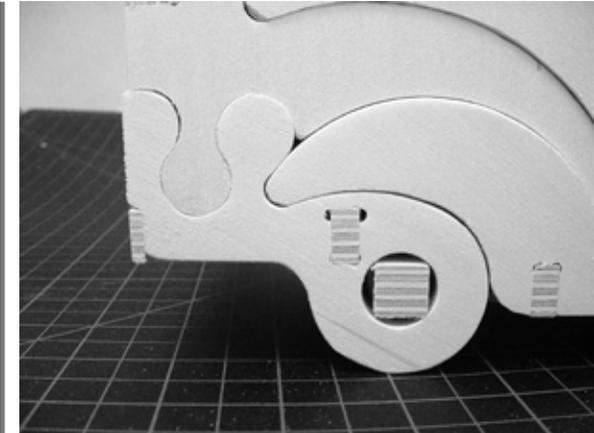
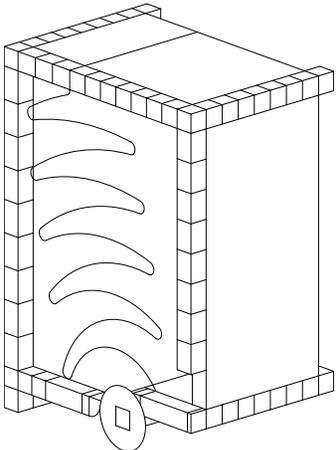
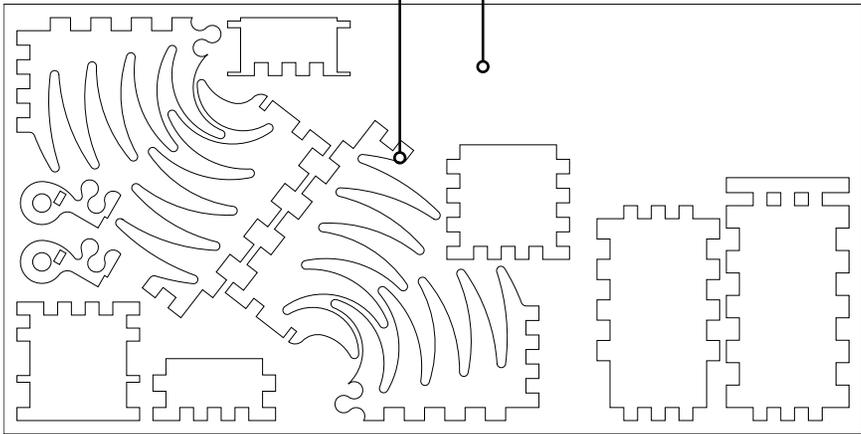
prototypes:

.....I developed and resused a hinged joint
gaps are determined by surfaces of revolution
at left is a redesigned version for production in plywood



final box:

added snap fit — area reserved for test cuts



separate hinge detail:
increases cutsheet efficiency
eases assembly sequencing

