

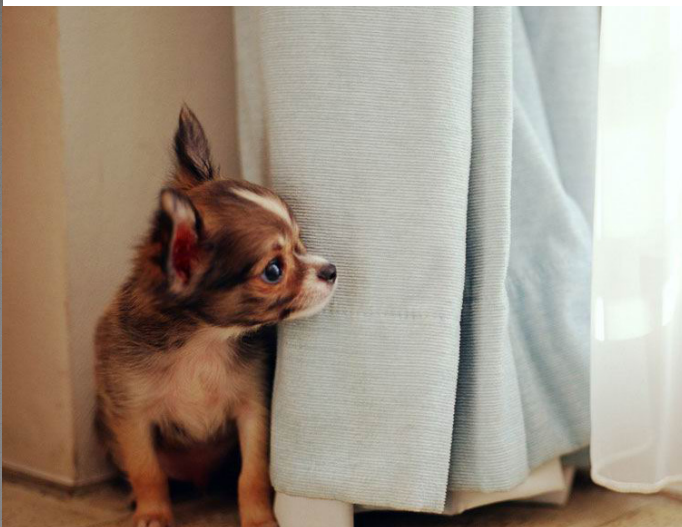


FERMID

BY BEHNAZ BABAZADEH

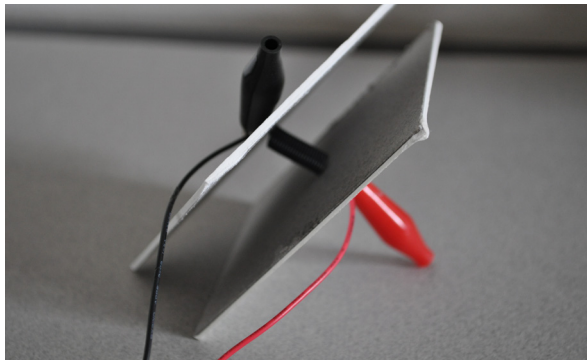
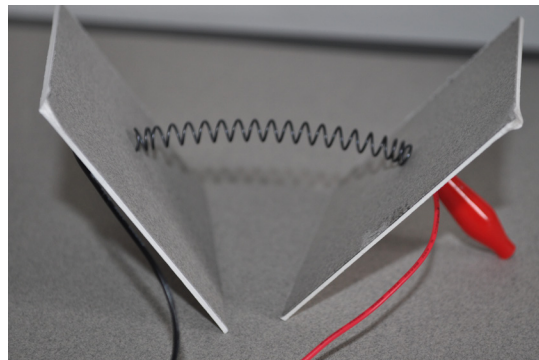


FERMID MIMICS THE BEHAVIORAL CHANGES OF
ANIMALS ASSOCIATED WITH SPECIFIC EMOTIONS,
SUCH AS FEAR AND SAFETY.



ALL LIVING ANIMALS SHARE BEHAVIORAL INSTINCTS ASSOCIATED WITH THE FEELINGS OF THREAT OR DANGER. REPRODUCING THIS BEHAVIOR AS AN INTERACTIVE SCULPTURE CAN MAKE AWARE TO THE VIEWERS THE NEGATIVE RESPONSE THAT IS COMMONLY RECEIVED. THE EXPERIENCE OF INTERACTING IN THIS WAY MAY HELP A VIEWER REFLECT ON THEIR OWN PERSONAL RESPONSE TO FEAR.

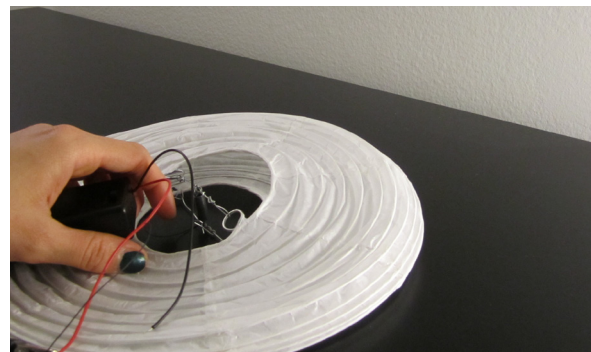
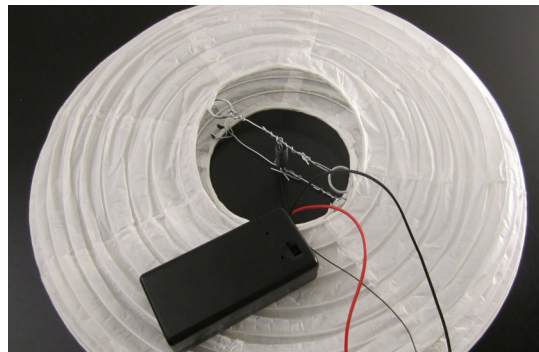
INITIAL TECHNOLOGY TESTING | EXPERIMENTATION
SHAPE MEMROY ALLOYS / POLYMERS



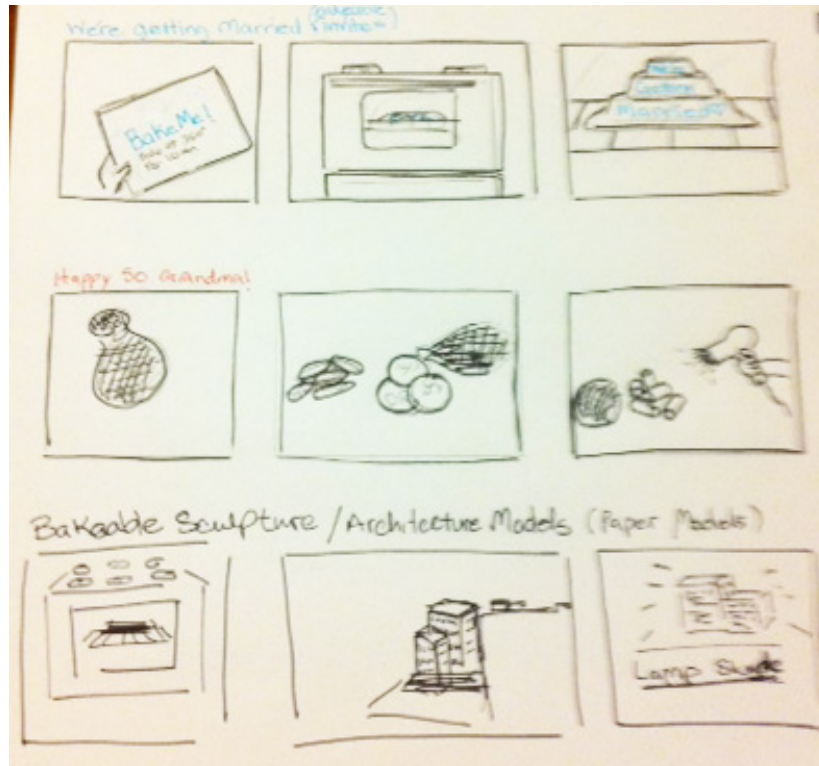
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INITIAL CONCEPT / DIRECTION



In the beginning, I wanted to create novelty greeting/invitation cards that are delivered as 2D envelopes and when baked in the oven for 1 minute, transform into 3D shapes.

Unfortunately, I was unable to get the alloys to react in that way even after many processes of trying to manipulate the alloys to do what I needed.

NEW CONCEPT / DIRECTION



I am interested in using the alloys as what they are normally intended for, which is to be used as actuators. The new direction will also allow for me to utilize other technologies to obtain the same movement.

FUTURE ITERATIONS



I believe this is only the beginning and that I can really push this to the high fidelity prototype that I am interested in having with the use of motors and sensors. I am still explore the aesthetic quality of the sculpture, however, I still love the look and feel of the rice paper.