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4°Product design student



What is oasis?

Oasis is a handcrafted ceramic piece that reimagines the possibilities of the traditional botijo.

The botijo cools the water inside it due to the evaporation of the water that "sweats" on the outside

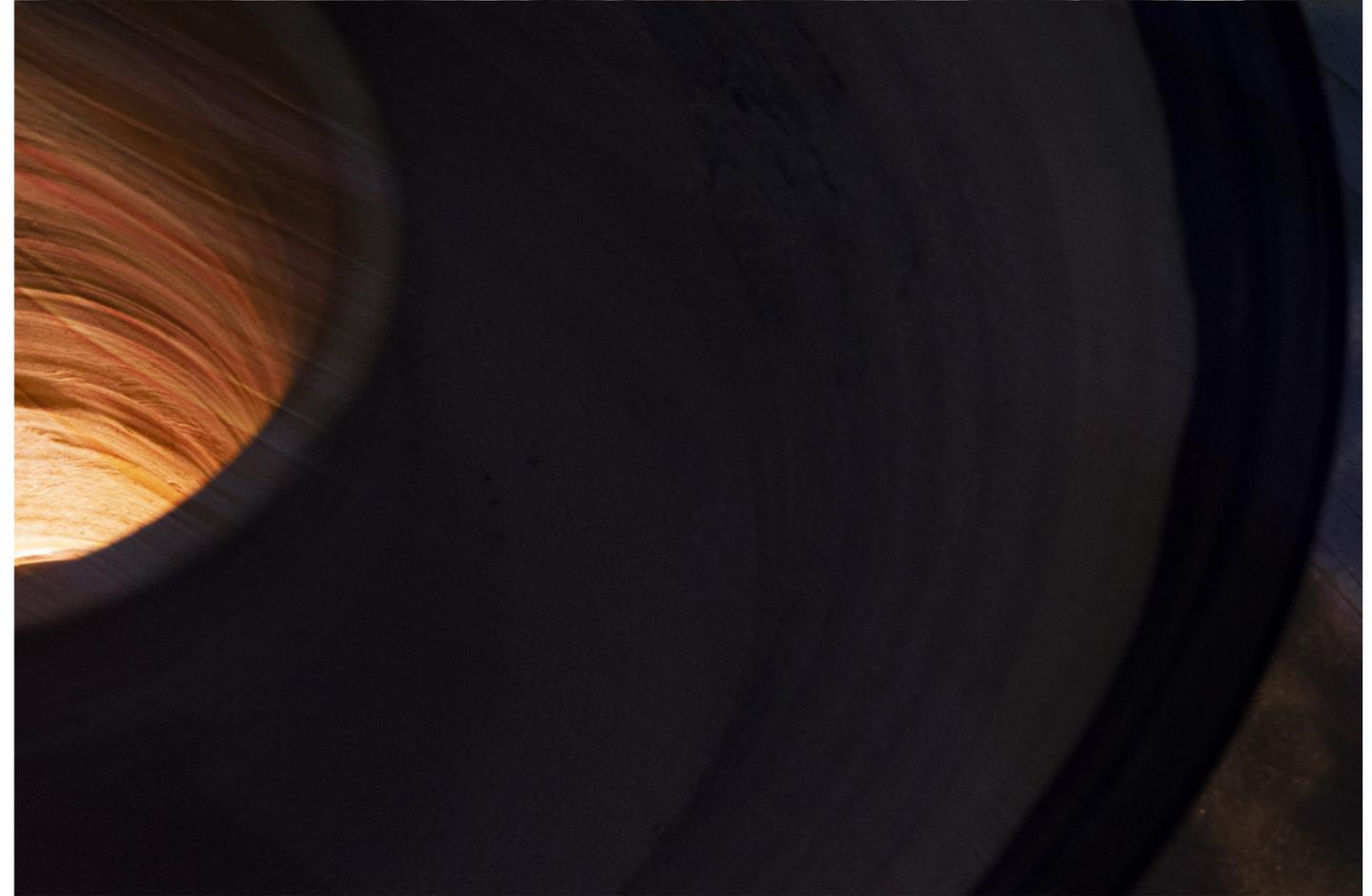


Oasis

This proposal does not focus on cooling, but on evaporation. Oasis works as a humidifier, taking advantage of the dry air current generated by a candle, forcing it through the "sweating" interior walls and carrying the water into the air.

The design of this handcrafted piece responds to an optimization of the water layout, as well as taking advantage of the chimney effect.

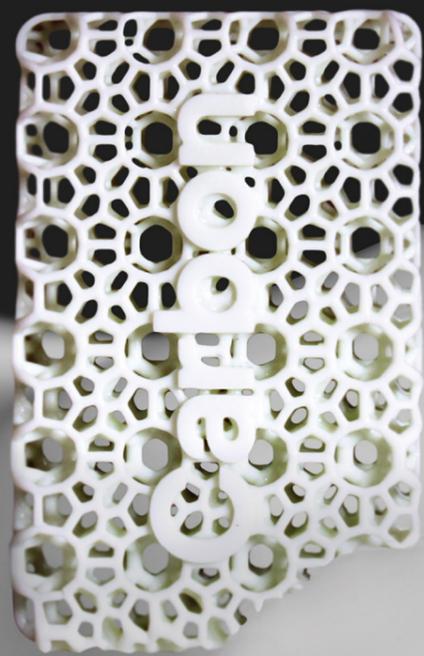






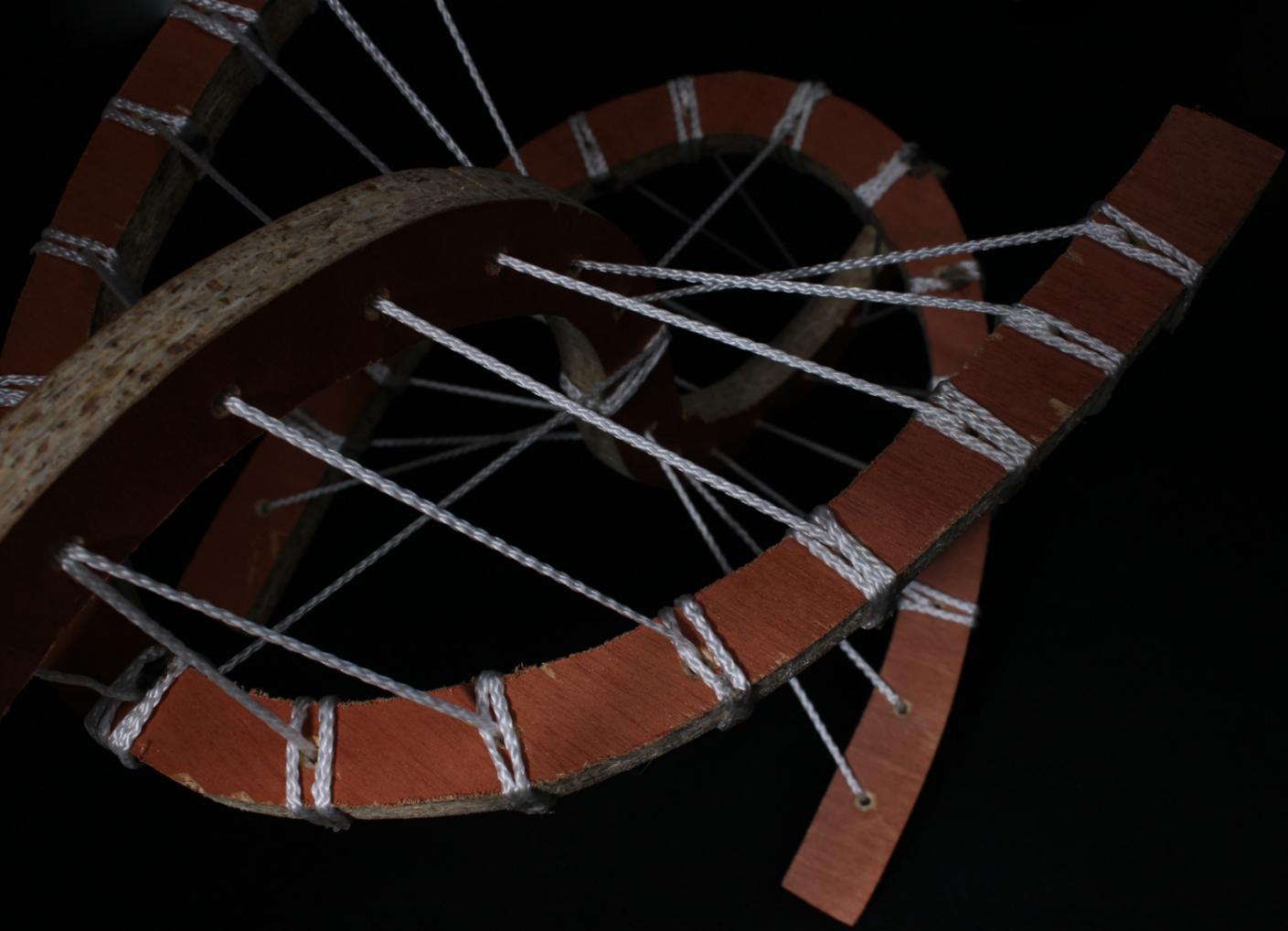
WHITE FLATS

Sophisticated shoe inspired by Chanel's bicolor ballerina. Designed to be printed with Carbon 3D technology, it represents organic shapes by studying the voronoi tessellations and with birth in topological optimization.



Project in collaboration with Matejka De Rocco, 3rd year fashion design student.





HEDERA

Collection of tensegrity structures inspired by Buckminster Fuller's philosophy and the stream line movement.

These pieces are self-supporting and do not depend on gravity to maintain their natural state of equilibrium, which is locked in space by tension.





Transmutation

This proposal ponders on the evolution of humans and how we have reached the point in which we are now, developing into an animal that can transform its environment, a mammal that can build using what nature offers.

This piece is a reminder of human capability and what makes us, us.

Humans can change, adapt themselves and their surroundings, all of us are filled with potential and we have the ability to create.

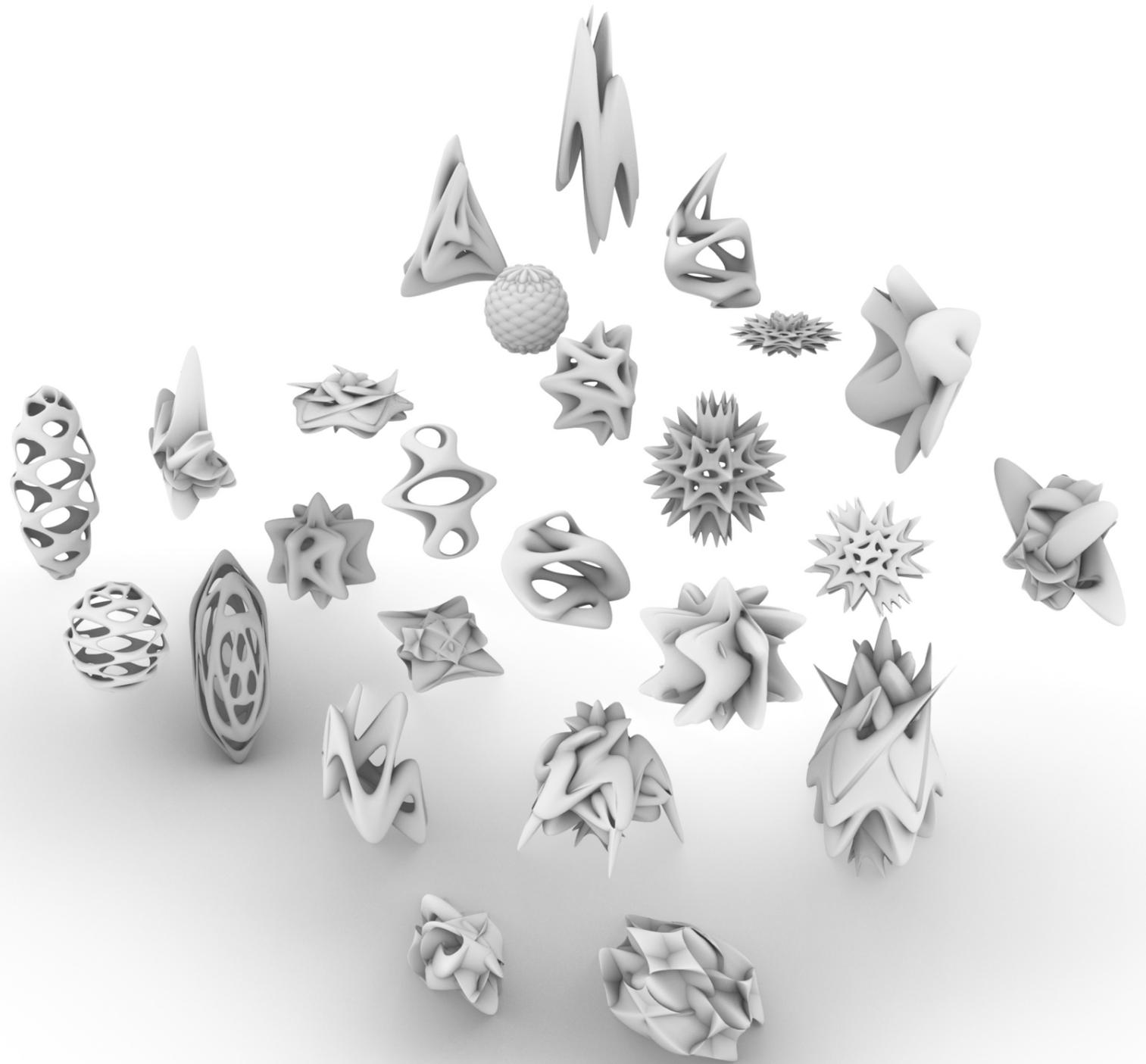
The final piece uses light and shadow to define the shape, the rough section represents materials in their raw state, a long transition goes from roughness to a refined shape representing the long path of transforming materials.





Nasrid Kingdom

The Nasrid kingdom lasted from 1238 to 1492, they had the technology of the time to make their designs and mostly developed flat latticework. What could they have created with today's software and technology? What kind of shapes could they design?





Apollo bust

Sculpture brought to reality in the form of jewelry. A set of three hollow pieces cast using the lost wax technique from 3D prints in specialized resins.

This piece emerged as a personal challenge that forced to manufacture a multitude of jewelry tools to enable its production.





“La esencia”

Custom piece to celebrate the release of the album “La esencia” by Keen Levy, national artist.

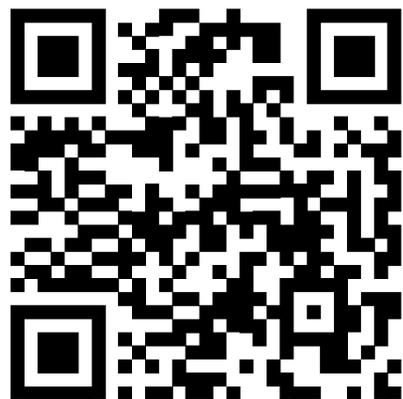
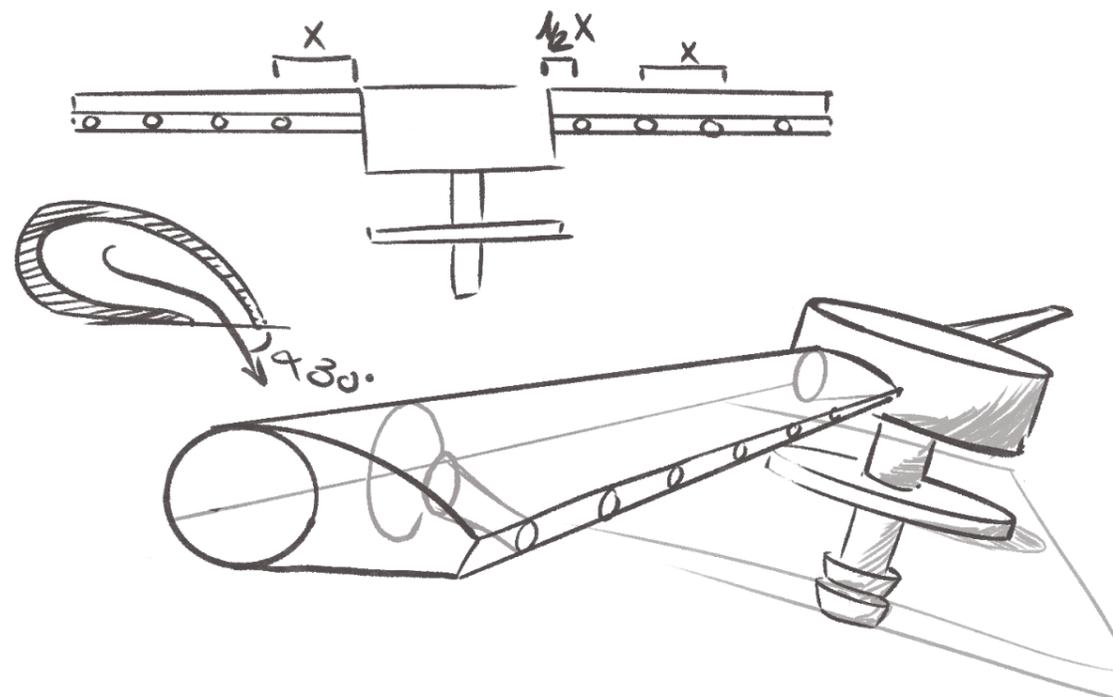
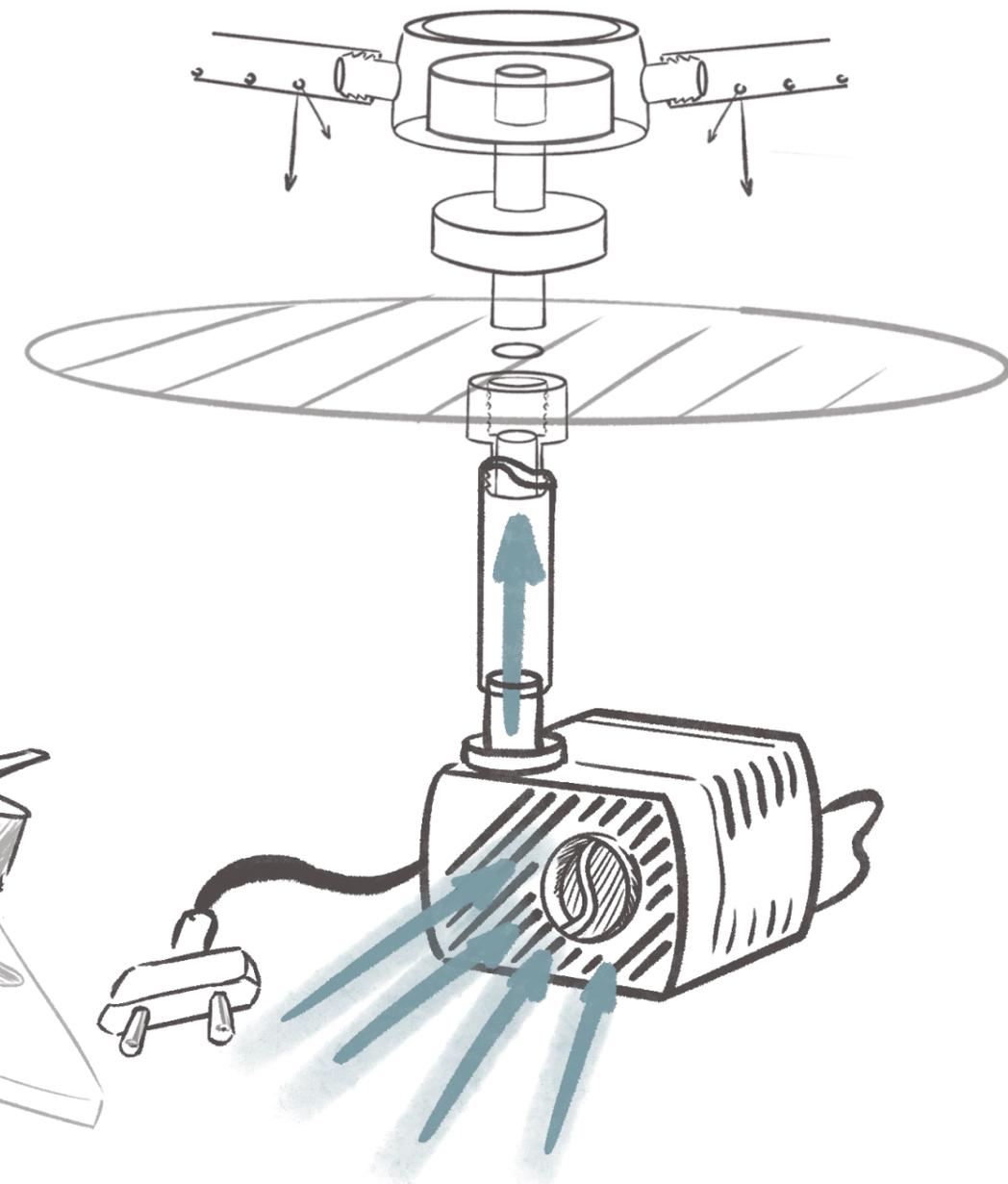
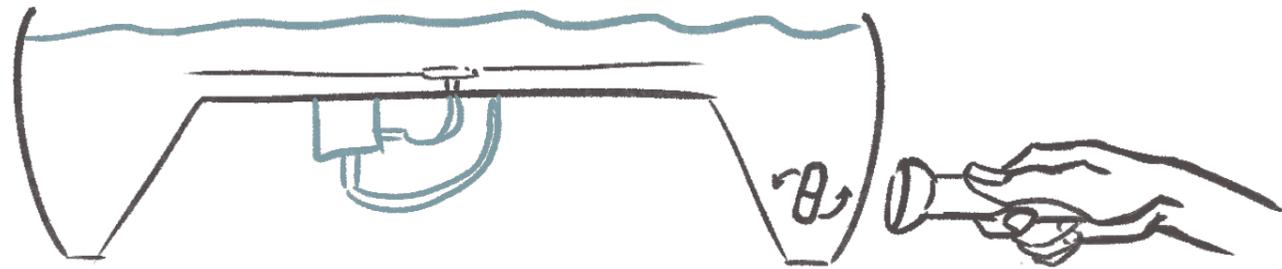
Jewelry box

Mechanical petal iris box designed to present jewelry pieces in an elegant and innovative way.



Iris

Under the briefing "relax in movement" a table was created that uses powder suspended in water, thus revealing the secrets of the flow of the fluid. accompanied by a water pump and a blade that uses pressure as propulsion, an infinite effect is achieved in which the powder never settles and the liquid never ceases to hypnotize with new movements.





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