

a household
cleaning product

dishwiz



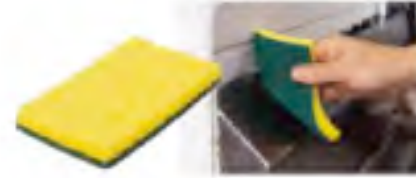
OBJECTIVE

To design a single unit hand held manual dishwasher. It will run off of the kitchen faucet, controlling the water output, carry a regulated amount of detergent and use interchangeable scrubbers.

It is intended for use in a kitchen without a dishwasher or sink spray.



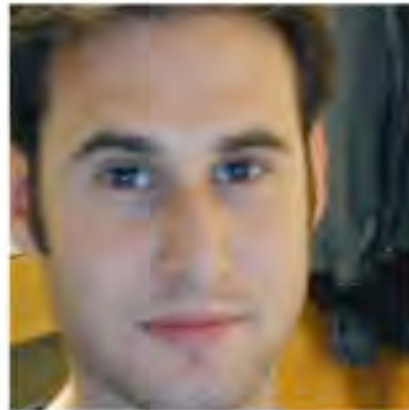
OVERVIEW



EXISTING PRODUCTS



USER SCENARIOS



*Engineering student @
North Eastern*

*"Oh boy ... my kitchen is
always a mess. I just don't
have time to keep it clean and
tidy. Plus, I don't have a
dishwasher or sink spray ... I
am living on a tight budget so
I really have to watch my
expenditure ... I'll be moving
out of my mission bill
apartment in August ..."*





*Dentistry student @
Tufts University*

"I live in a studio on Comm Ave. I spend 12hrs a day on academic work and some evenings seeing patients so I have little time to look after my apartment. I love having friends over to hang out and help me feel human. I'm still single and I am taking my time looking ... I plan to move out of this place in September."



SYSTEM PARTS



faucet



faucet connect



detergent container



trigger



tubing



control valve



detergent



scrubbers



utensils



cradle

ANALOGIES



simoniz



car wash kit



mouse sander



head blade



soap n spray



oxo brush



swiffer



gas pump



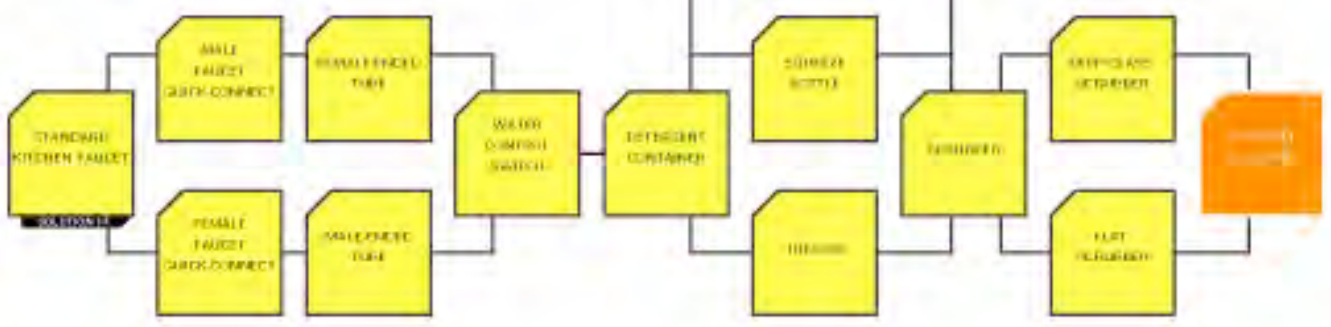
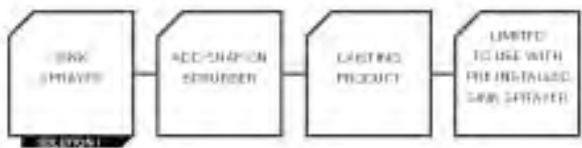
air wrench

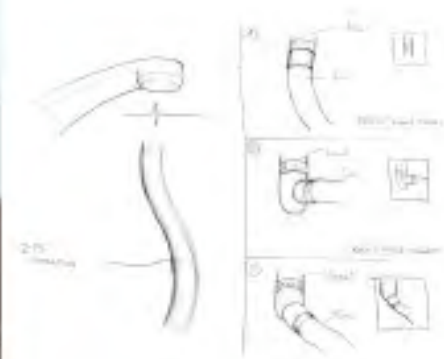


sprinkler

PRODUCT ATTRIBUTES

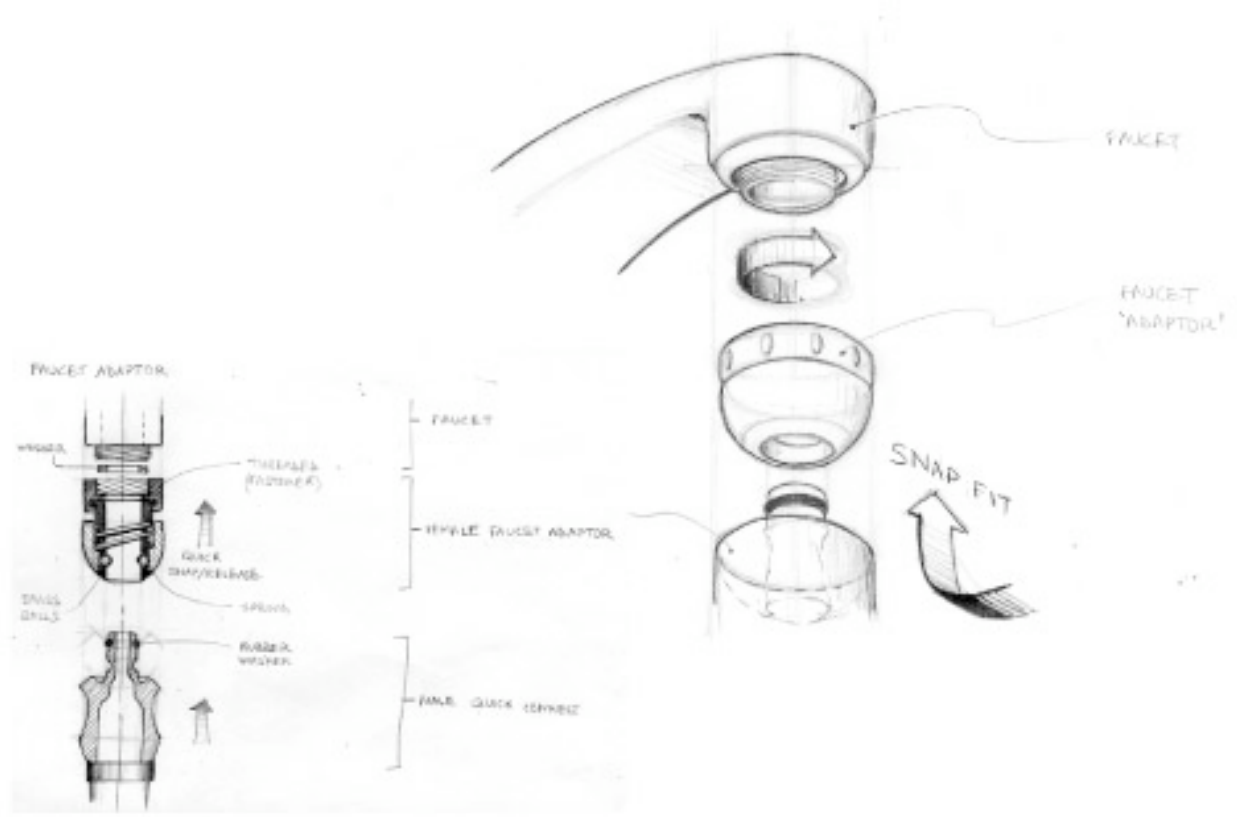






CONNECT CONCEPTS







① Edge in the sink

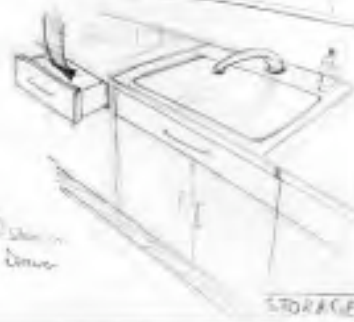


② Heavy Above the sink

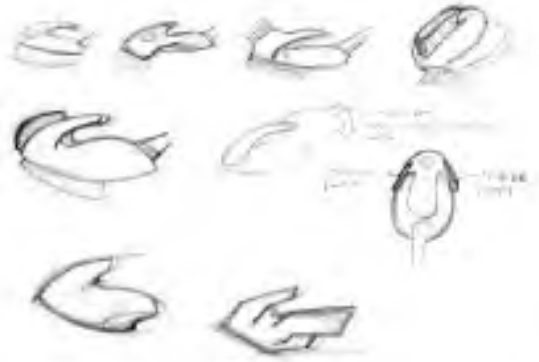


HOME

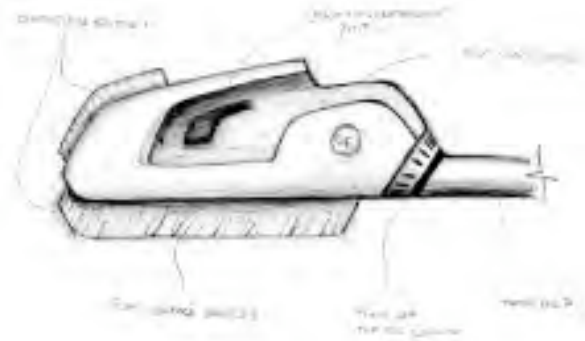
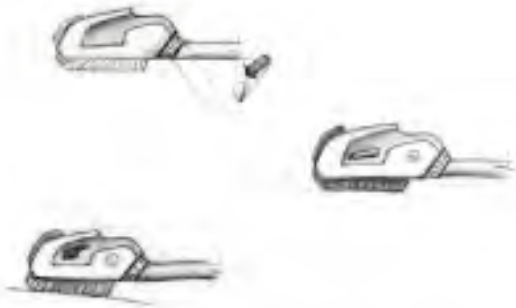
③ Storage
Drawer

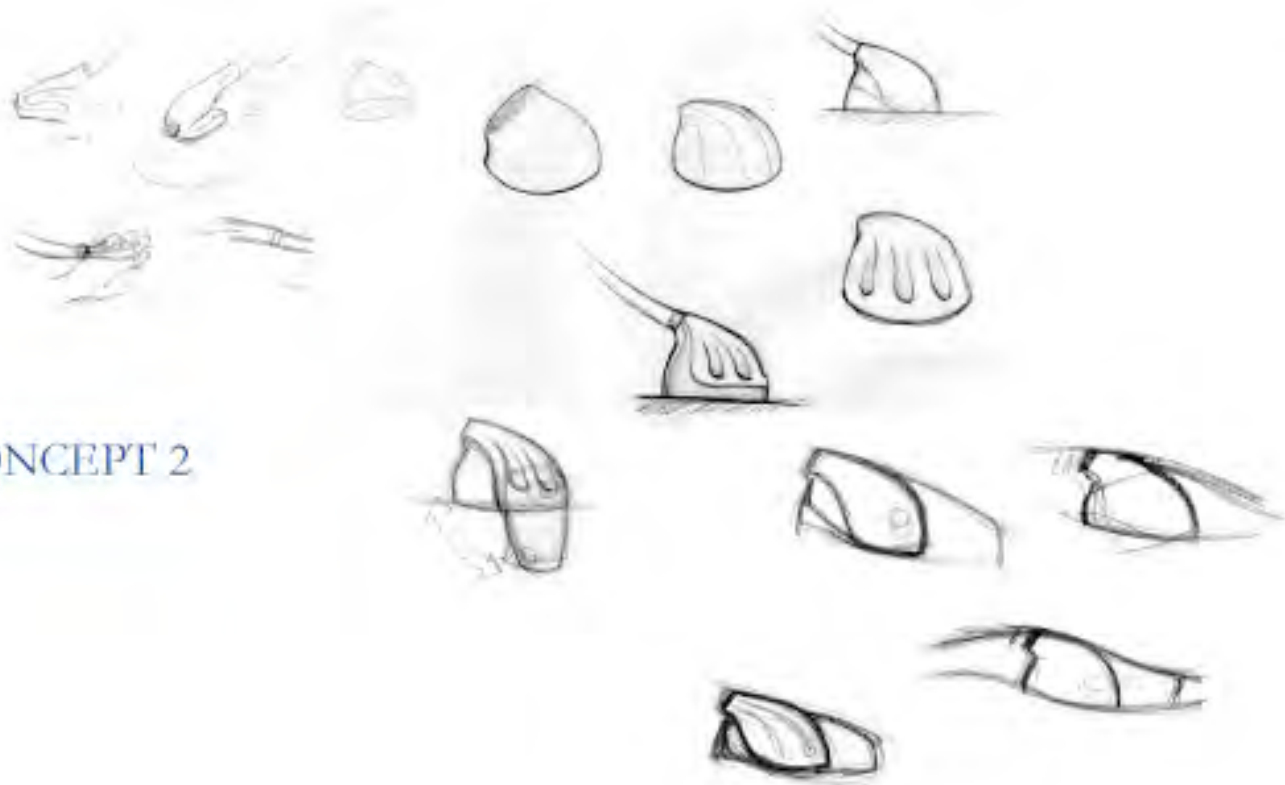


STORAGE

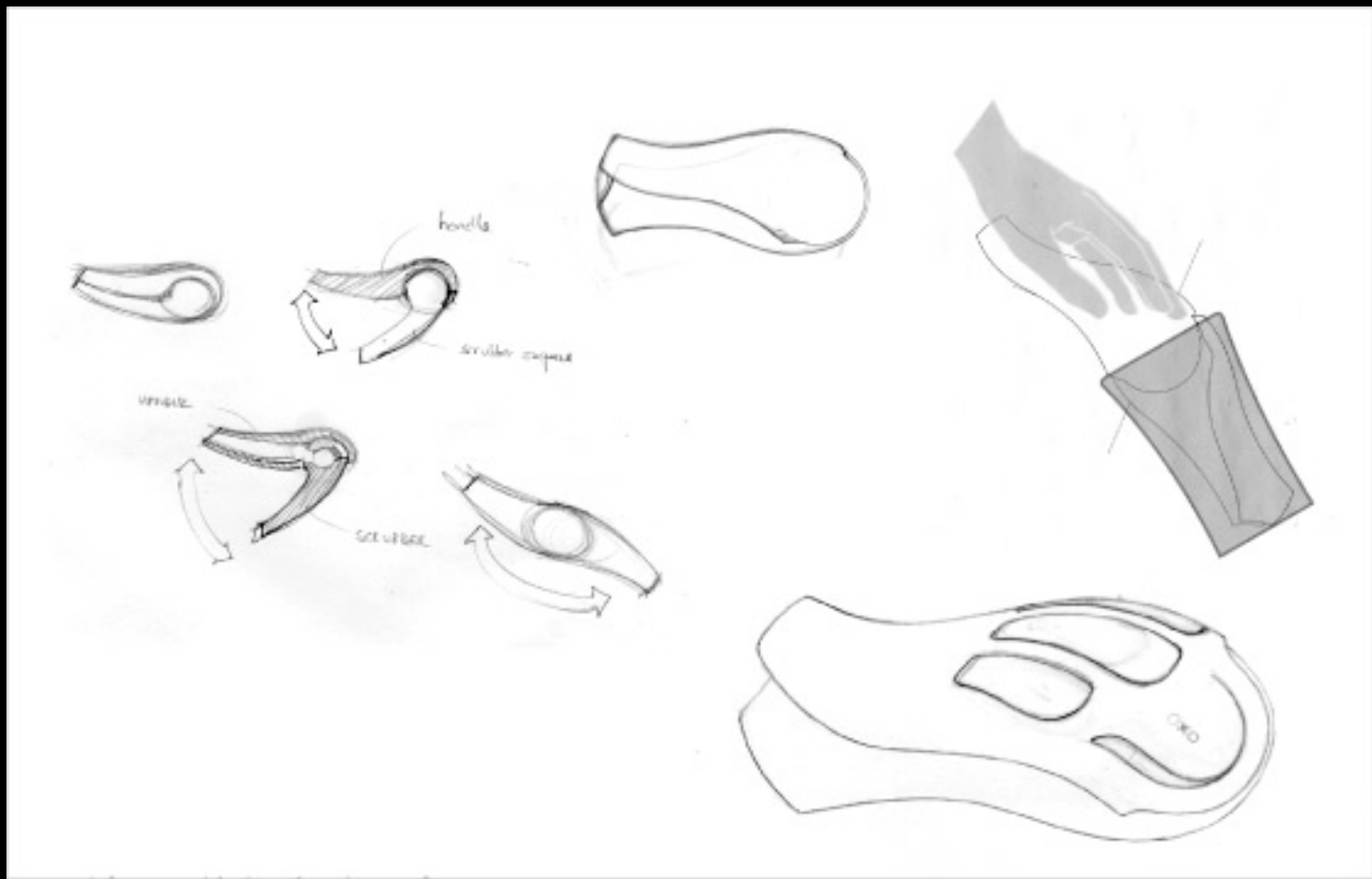


CONCEPT 1



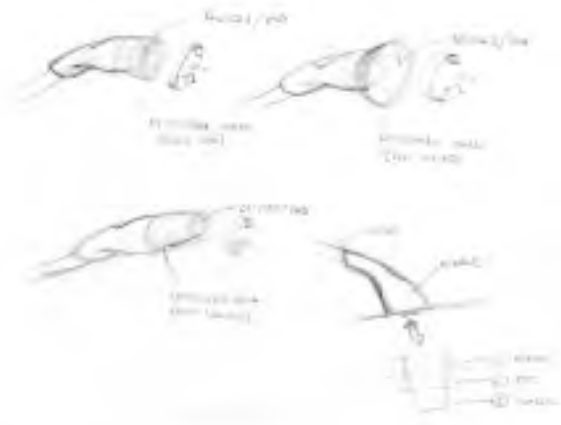


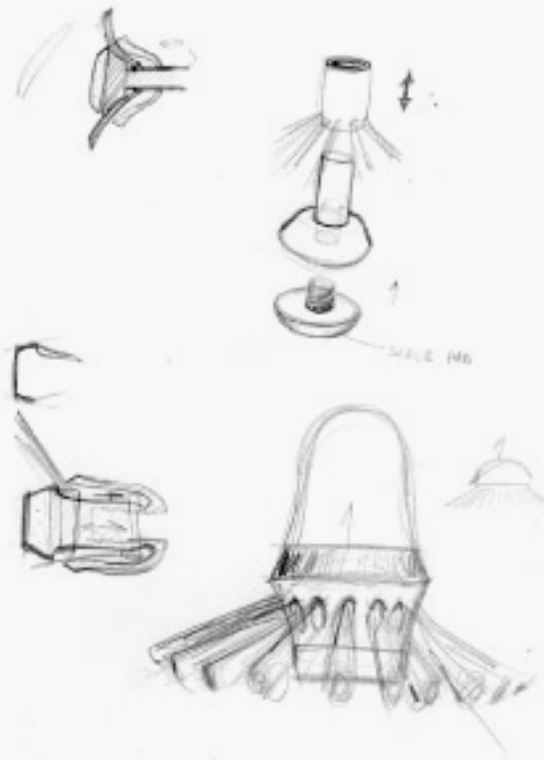
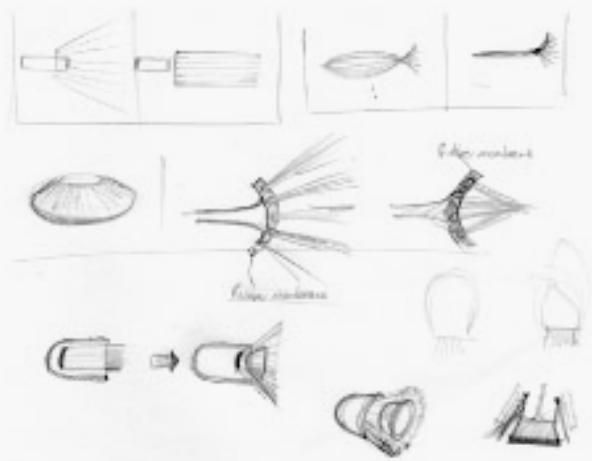
CONCEPT 2





CONCEPT 3







TRANSFORMATION



FORM STUDIES



DEVELOPMENT







RE-DESIGN



EVOLUTION





HOSE TESTING





CRADLE

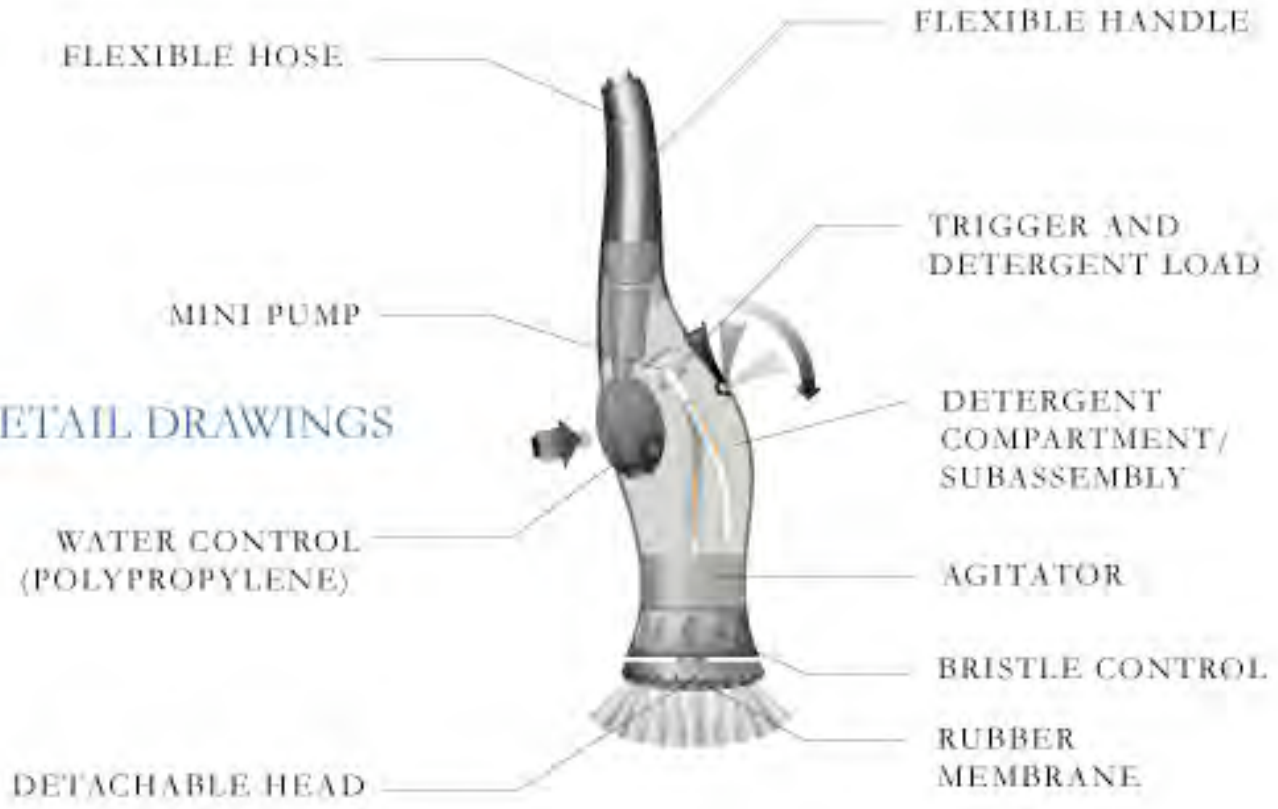


PRODUCT
IN CONTEXT





DETAIL DRAWINGS



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