

JOB REPORT: J4J LLC Eyedrop Applicator Invention

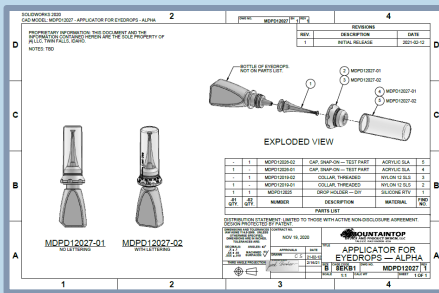
Customer: Dr. Jared Henderson, MD of Twin Falls, ID.

Project: Initial product development for a silicone eyedrop applicator patented by Dr. Henderson. The applicator is meant to make it easier to apply an eyedrop, waste less medicine and improve outcomes.

Work Period: December 2020 to March 2021

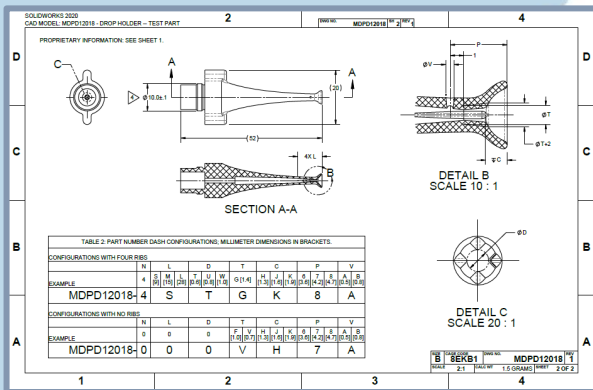
PRODUCT CONCEPT:

I worked with Dr. Henderson, using his sketches to develop models, drawings, and images he could use to promote his invention.



3D PRINTED TEST PARTS:

We had a big order of test parts 3D printed in acrylic, to test variations on the applicator geometry. Despite being high quality, they did not work very well. Nevertheless, they improved our understanding, and they were far less expensive than molded silicone parts.



“Chuck has an excellent ability to generate CAD models based on my “napkin” drawings and instructions. He took to this very intuitively and generated a lot of helpful prototypes. He made complicated molds that were flawless in design while staying very organized. I highly recommend his work.”

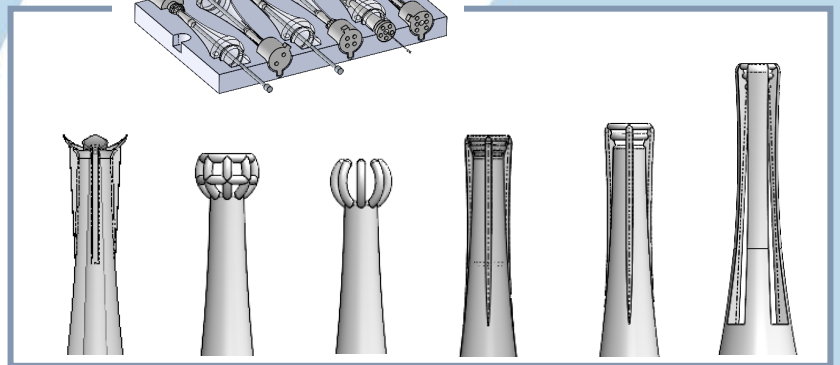
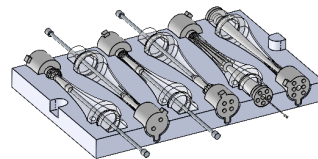
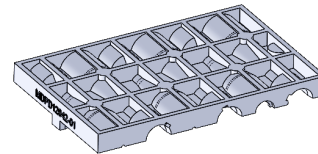
Dr. Jared Henderson, MD

3D PRINTED MOLDS:

After the experience with the printed acrylic test parts, Dr. Henderson asked me to design a very special mold for six new geometries. He assembled and injected the molds himself. The molded parts are good and getting better with experience. Testing revealed some clear paths toward a working design.

PRODUCT DEVELOPMENT:

J4J has been able to use my designs, drawings, and test data to carry the project forward. Look for this product on shelves soon!



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