

# 1 CAD package front page

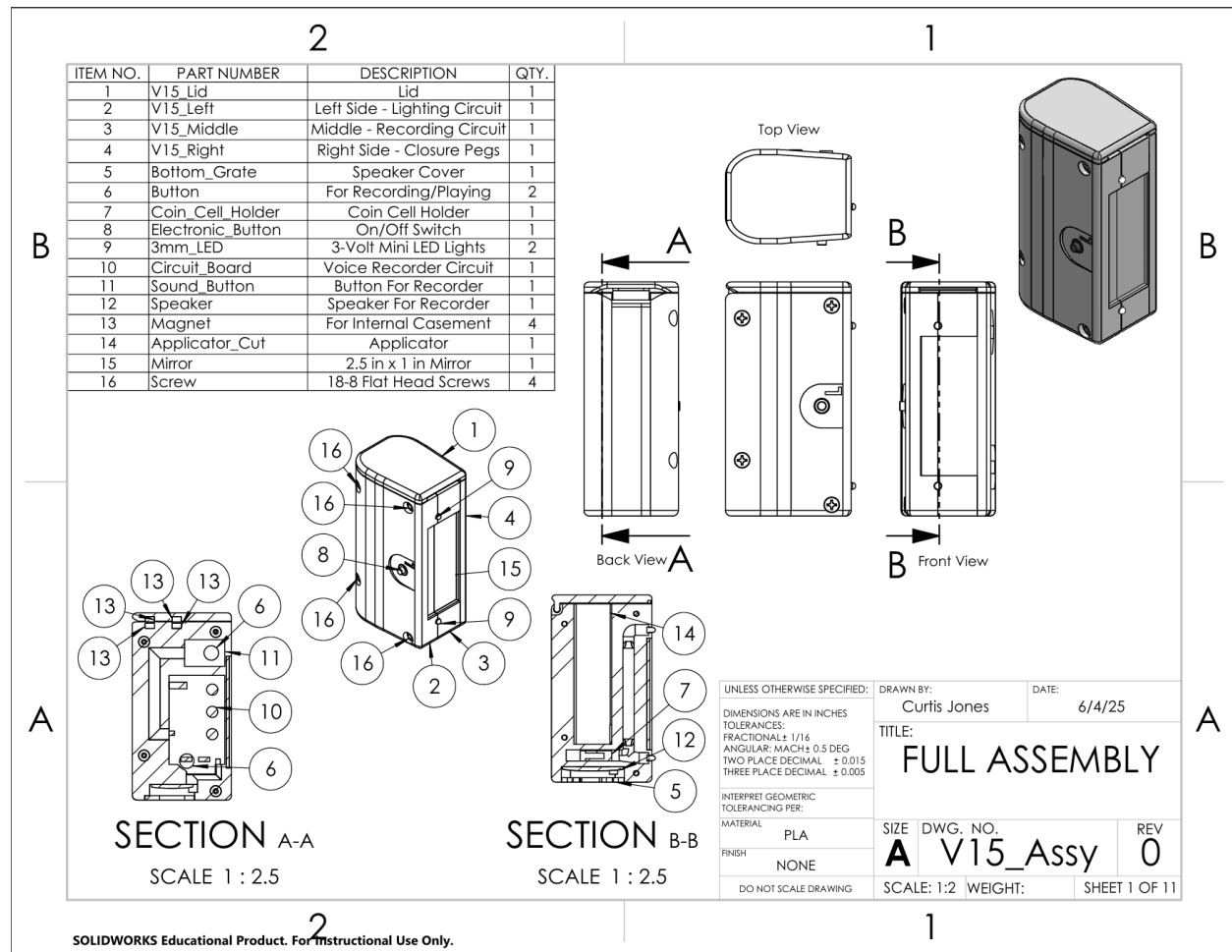


Figure 1: CAD Package Page 1



Portable Lipstick Kit  
Jones, Stormer, Montalvo

### 3 DESIGN PROPOSAL – First Term

The design proposal was completed after we received feedback from Ms. Hood about adding the voice recorder, broad aesthetic changes, a change to the lid closure and maintainability features. These changes were small but the overall effect on the usability and attractiveness of the product increased. All of these improvements were done without the need to be justified because they were needed by the sponsor.

#### 3.1 What Changed From First Term

The voice recorder is something that Ms. Hood is passionate about having. The ability for a consumer to record and play their own note creates the opportunity to add an intentionality to the product that is inherent to mantra repetition. This design change required no design justification since Ms. Hood felt that the product needed this to be included. Figure 3 shows the base with no space for the recording device.

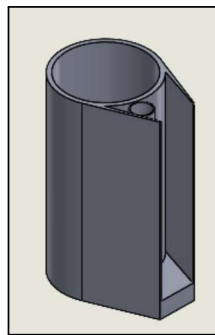


Figure 3. Beginning first term model.

Ultimately, there was a need for a change to the aesthetics of the product. Ms. Hood wanted the product to be more attractive overall. Our solution to this was an introduction of inlaid designs that were a part of the product geometry instead of a post-processing step. The design choice was left to a volunteer survey of the public on the OSU campus. While the survey showed that the designs were favorable, the most appealing one was a minimalist design. Figure 4 shows one of the options for the inlaid design.

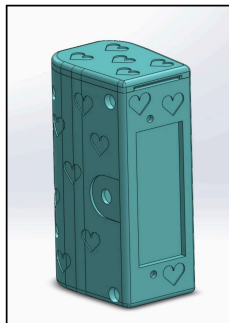


Figure 4. Spring term model with an inlaid design.