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(12) **United States Design Patent** (10) **Patent No.:** **US D952,367 S**  
**Li** (45) **Date of Patent:** **\*\* May 24, 2022**

(54) **AUTOMATIC SOAP DISPENSER**

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(72) Inventor: **Li Li, Jining (CN)**

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/757,063**

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(51) **LOC (13) Cl.** ..... **23-08**

(52) **U.S. Cl.**  
USPC ..... **D6/542**

(58) **Field of Classification Search**  
USPC ..... D6/524, 542-545, 540, 515, 527, 530;  
D9/448, 504, 454, 688, 69, 3, 500,  
D9/691-693; D23/238, 225, 247,  
D23/270-275; D32/29.1; D7/598;  
239/343; 222/105, 173, 180, 181.1,  
222/181.2, 181.3, 82; 241/602  
CPC ..... A47K 5/1217; A47K 5/12; A47K 5/1207;  
A47K 2005/1218  
See application file for complete search history.

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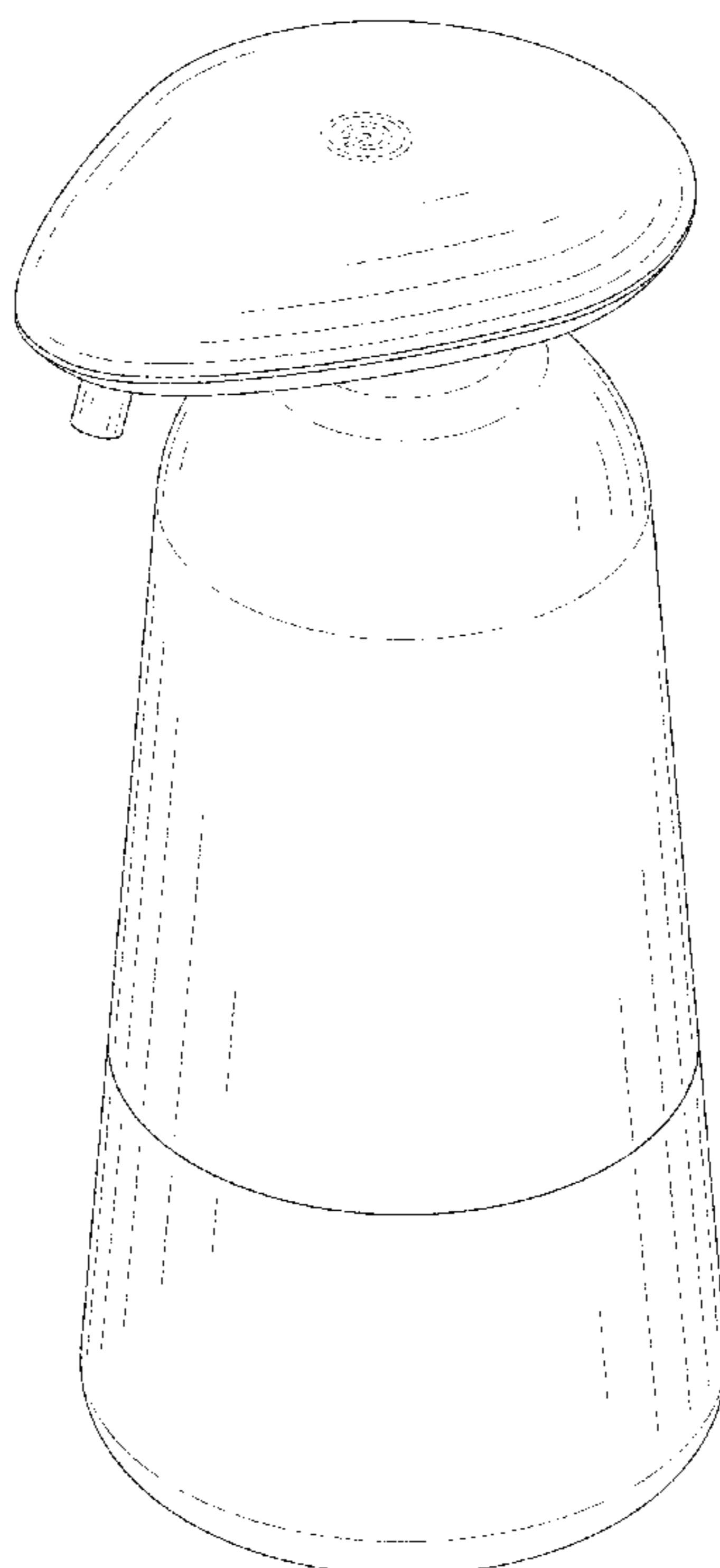
(57) **CLAIM**

The ornamental design for an automatic soap dispenser, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an automatic soap dispenser showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines in the drawings depict portions of the automatic soap dispenser that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



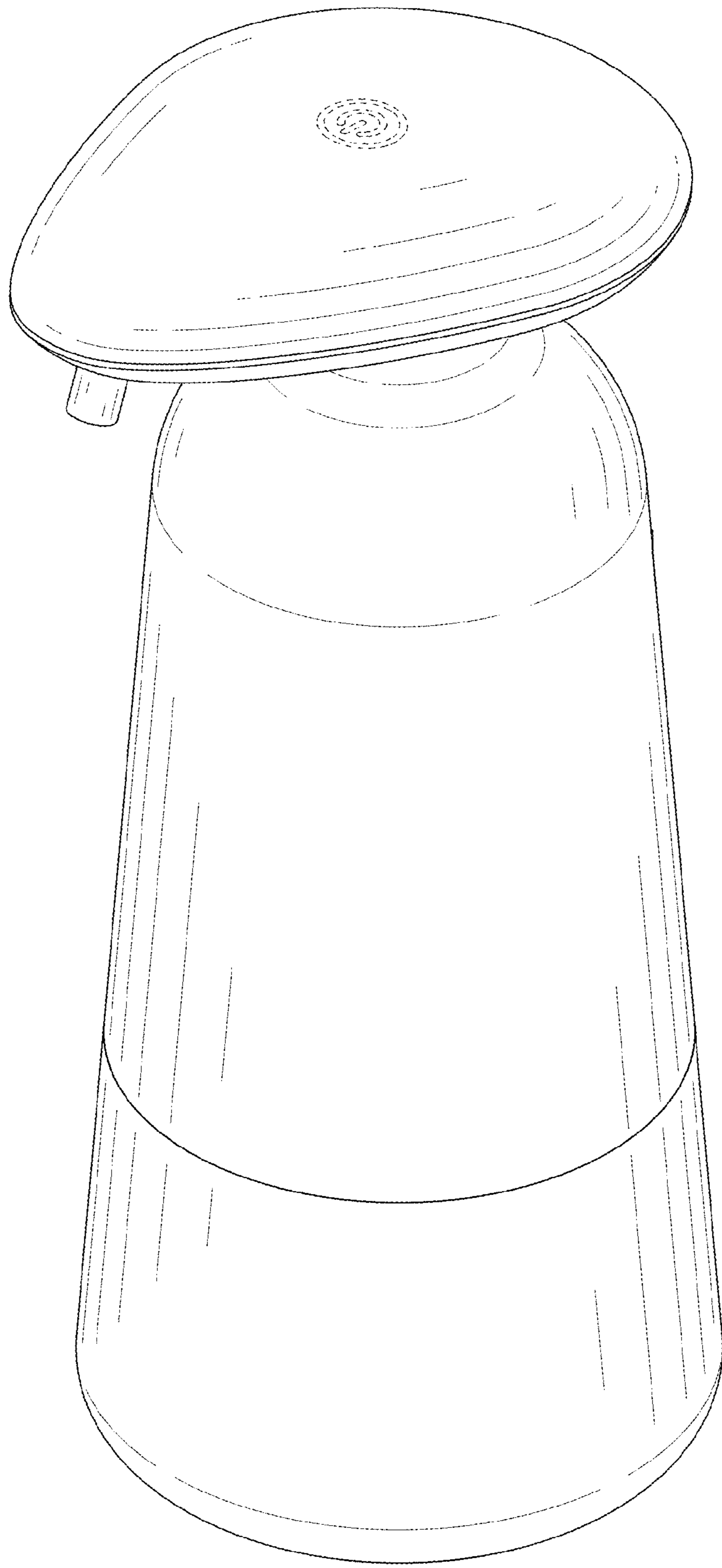


FIG. 1

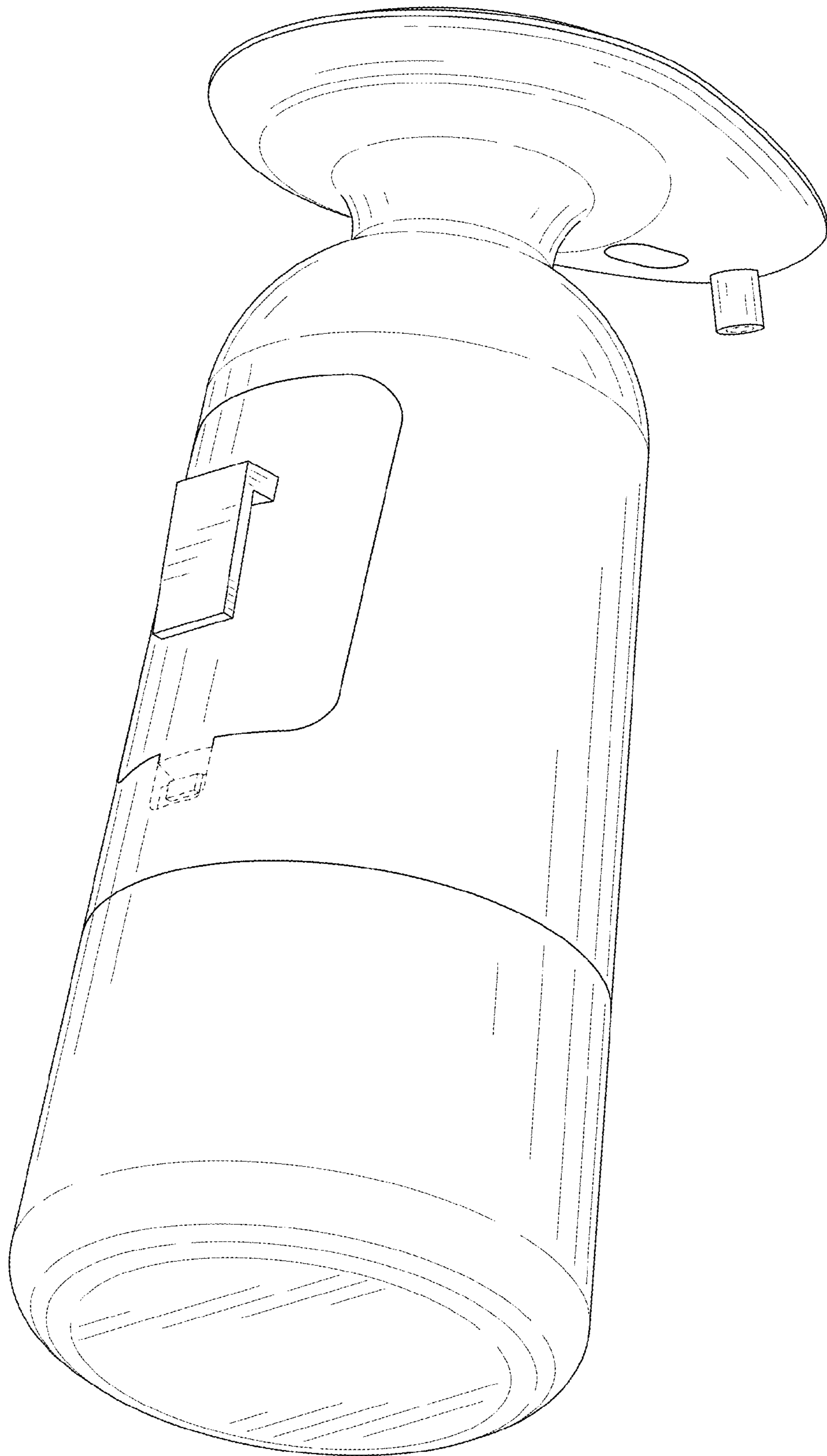


FIG. 2

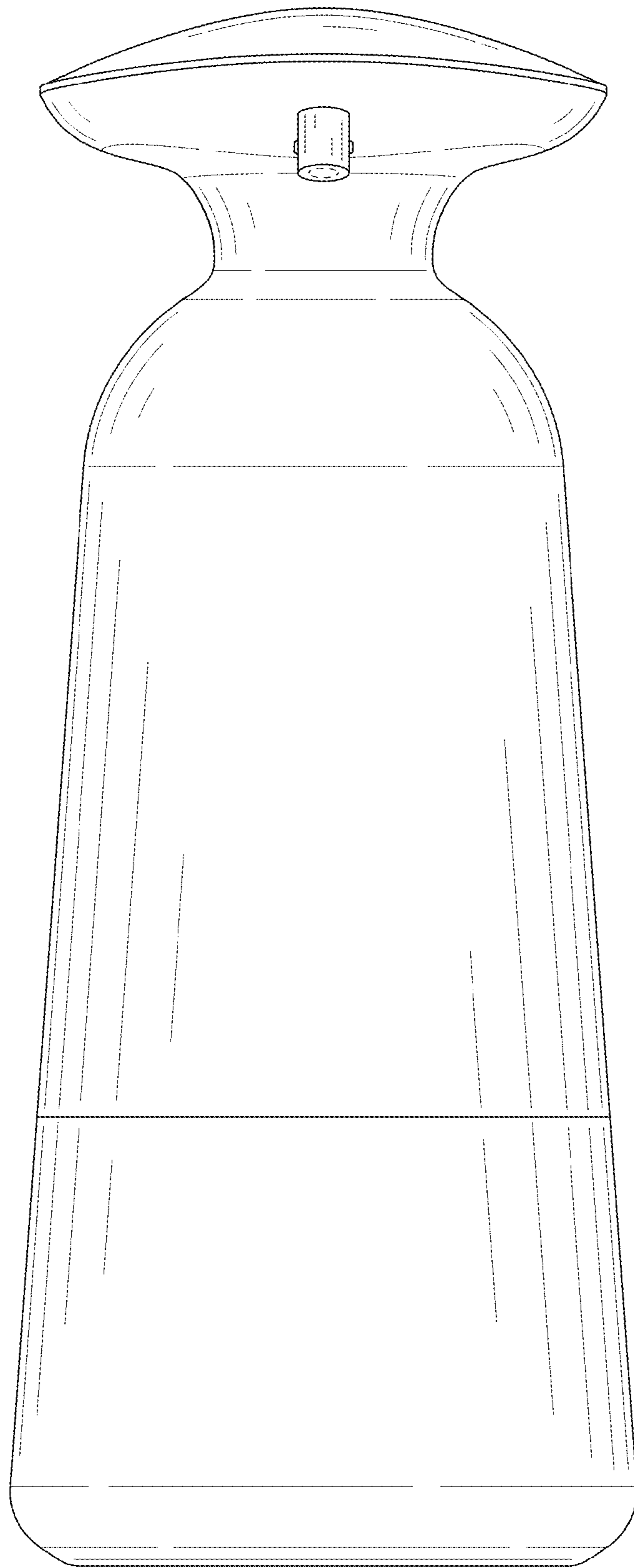


FIG. 3

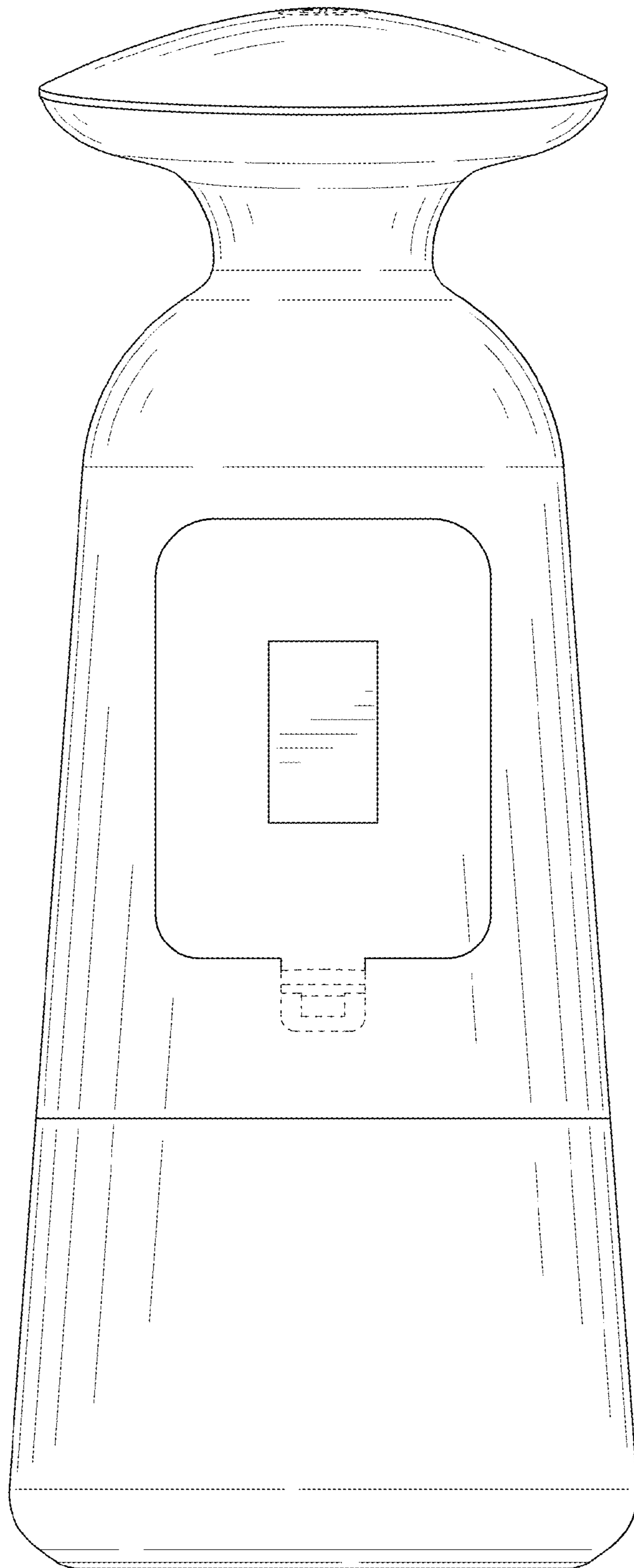


FIG. 4

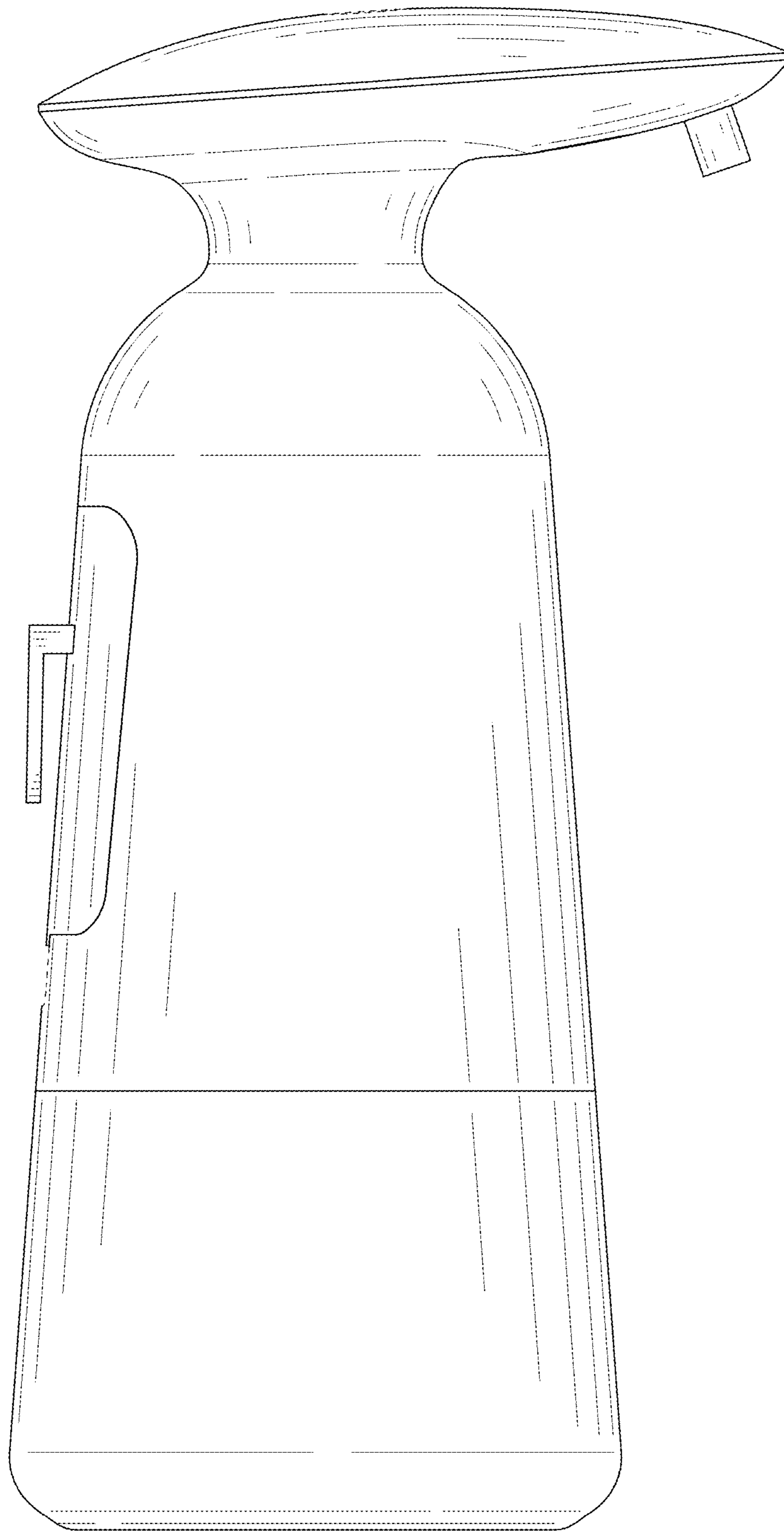


FIG. 5

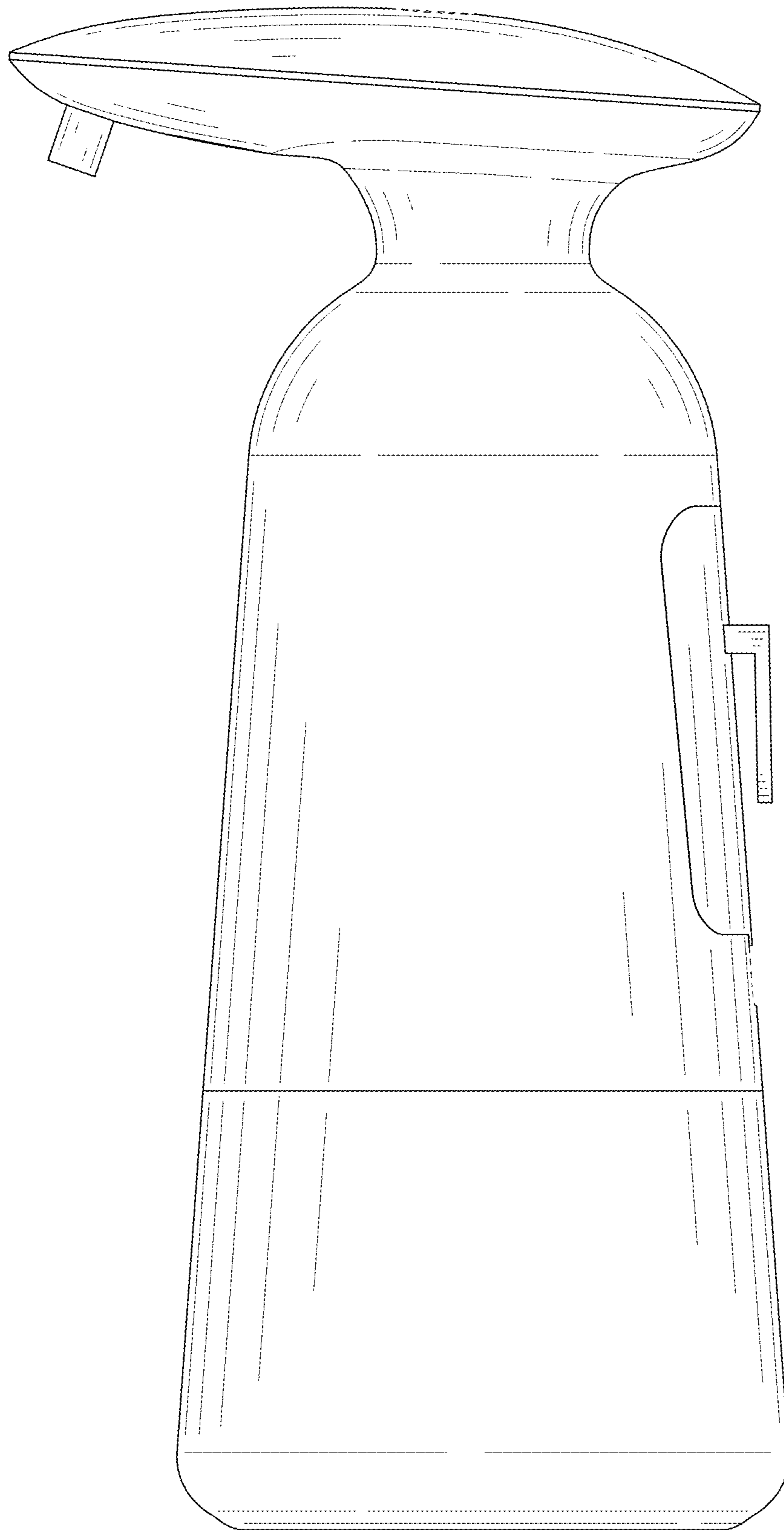


FIG. 6

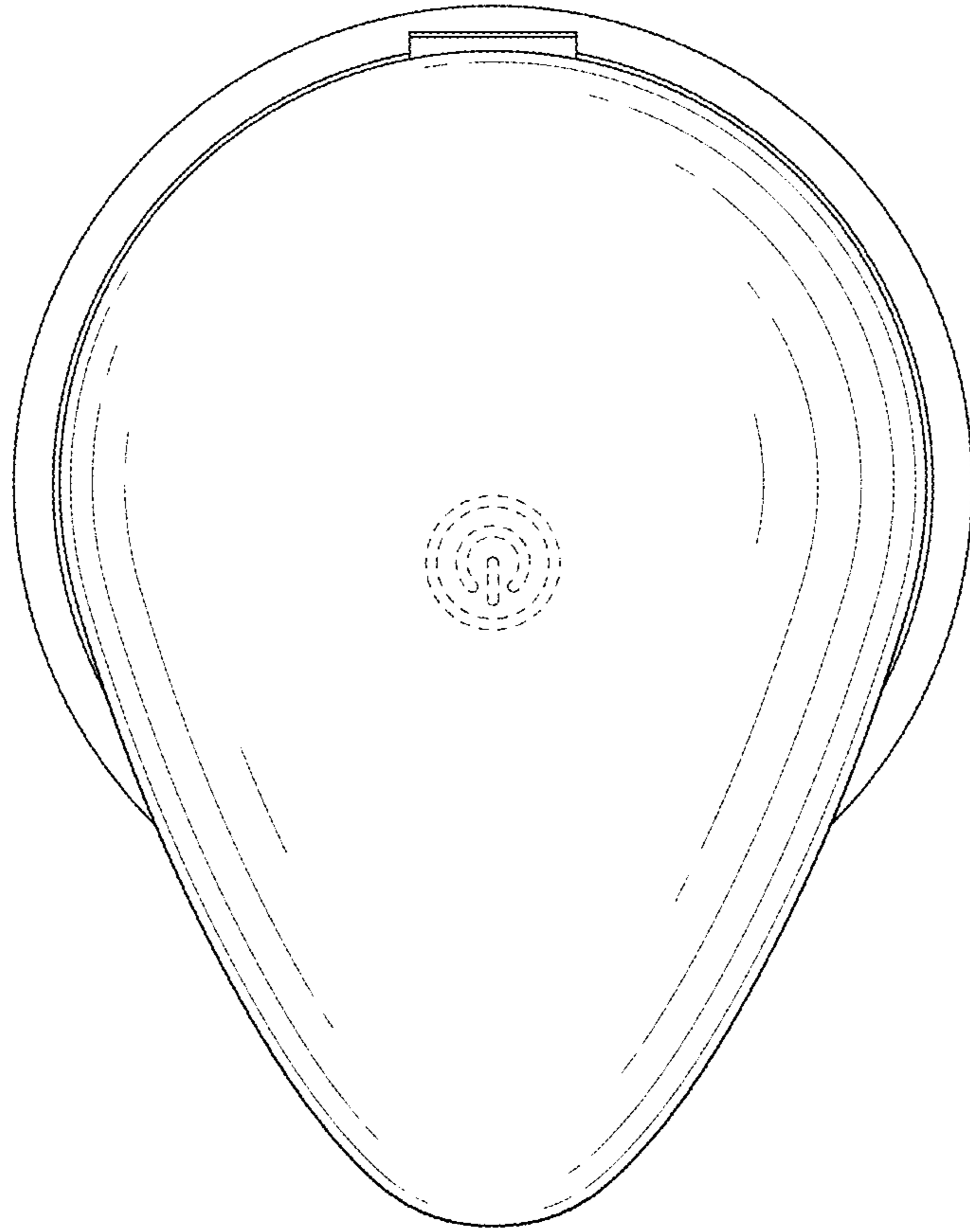


FIG. 7



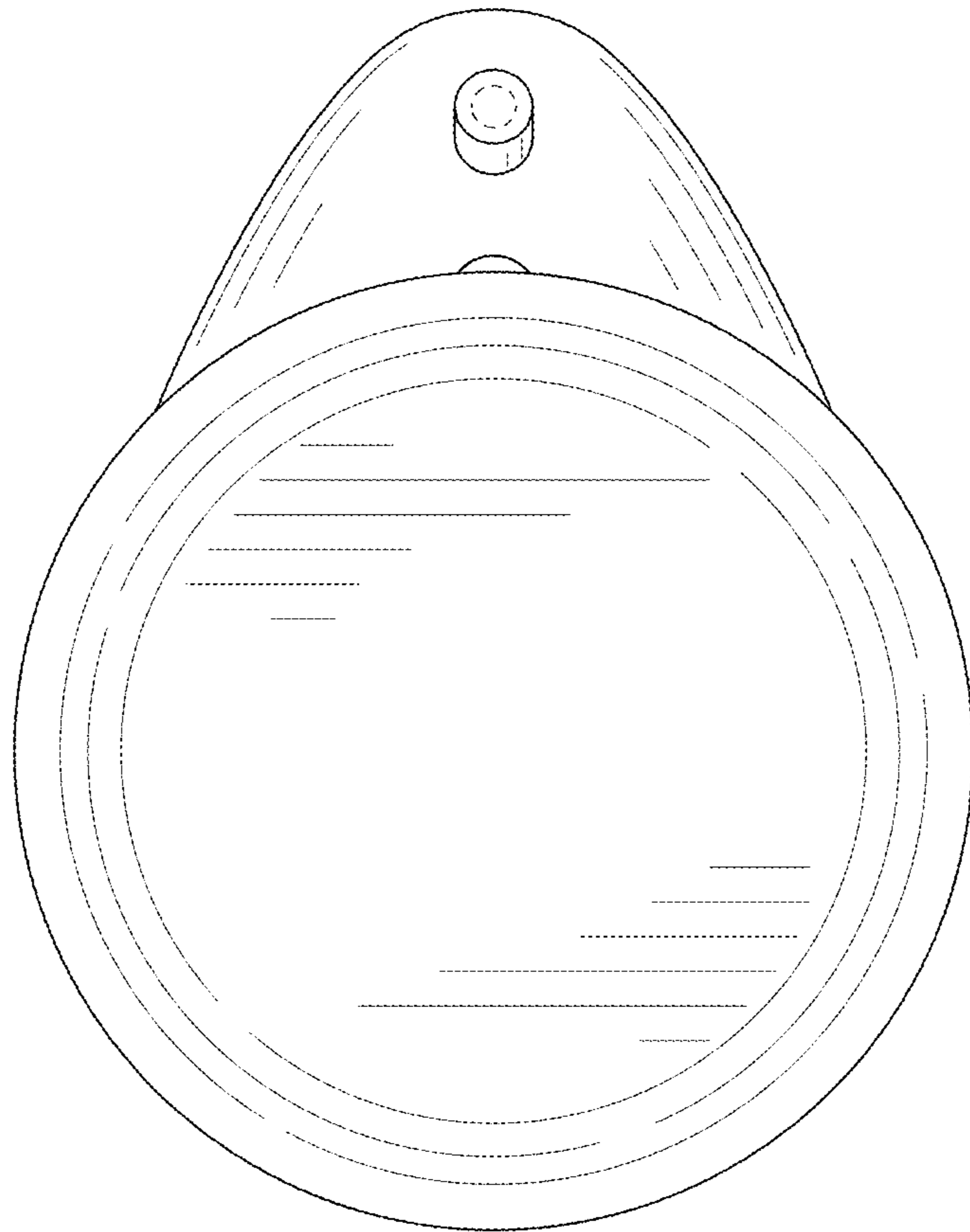


FIG. 8