



US00D989230S

(12) **United States Design Patent** (10) **Patent No.:** **US D989,230 S**  
**Zhou et al.** (45) **Date of Patent:** **\*\* Jun. 13, 2023**

(54) **AERATOR BODY**  
(71) Applicant: **Xiamen Water Nymph Sanitary Technology Co., Ltd., Xiamen (CN)**  
(72) Inventors: **Huaqiang Zhou, Fujian (CN); Zhiwei Zhuo, Fujian (CN)**  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **35/514,982**  
(22) Filed: **Aug. 5, 2022**  
(80) **Hague Agreement Data**  
Int. Filing Date: **Aug. 5, 2022**  
Int. Reg. No.: **DM/222753**  
Int. Reg. Date: **Aug. 5, 2022**  
Int. Reg. Pub. Date: **Aug. 26, 2022**

(51) **LOC (14) Cl.** ..... **23-01**  
(52) **U.S. Cl.**  
USPC ..... **D23/213**  
CPC ..... **F16K 1/526 (2013.01)**  
(58) **Field of Classification Search**  
USPC ..... D23/213–237, 241–249; 137/100–14, 2, 137/505.11, 625.27, 625.4, 315.18, 486, 137/487.5, 599.05, 601.14, 554, 630.12, 137/398, 545, 547, 549, 505.42, 116.3  
CPC ..... F16K 1/526; F16K 11/078; F16K 3/22; F16K 11/0445; E03C 1/023; E03C 1/084; E03C 1/04  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D191,691 S \* 10/1961 Shames et al. .... D23/230  
3,291,148 A \* 12/1966 Sloan ..... E03D 1/30  
137/382  
3,343,804 A \* 9/1967 Pinke ..... F16K 31/44  
239/152  
4,173,233 A \* 11/1979 Snyder ..... F16K 11/025  
137/107  
D287,044 S \* 12/1986 Hughes ..... D23/235

5,797,422 A \* 8/1998 Tokarz ..... F16K 31/602  
137/315.15  
D428,114 S \* 7/2000 Le Bars ..... D23/233  
D600,780 S \* 9/2009 Shishido ..... D23/233  
D635,644 S \* 4/2011 Yamada ..... D23/233  
D639,392 S \* 6/2011 Yamada ..... D23/233  
8,079,381 B2 \* 12/2011 Fischer ..... F16K 31/607  
137/315.15  
D667,930 S \* 9/2012 Yamada ..... D23/233  
D668,743 S \* 10/2012 Kennedy ..... D23/213  
D687,930 S \* 8/2013 Sacchetti ..... F16K 31/52  
D23/235  
D736,896 S \* 8/2015 Nishimura ..... D23/233  
D754,293 S \* 4/2016 Mangold ..... D23/233  
D758,540 S \* 6/2016 Shishido ..... D23/233  
D762,819 S \* 8/2016 Shishido ..... D23/235  
D820,956 S \* 6/2018 Ito ..... D23/233  
D821,302 S \* 6/2018 Fletcher ..... D13/101  
D826,381 S \* 8/2018 Bian ..... F16K 1/00  
D23/233  
D844,751 S \* 4/2019 Yamada ..... D23/235  
D854,658 S \* 7/2019 Yamada ..... D23/235  
D855,153 S \* 7/2019 Yamada ..... D23/235

(Continued)

Primary Examiner — Richard E Chilcot

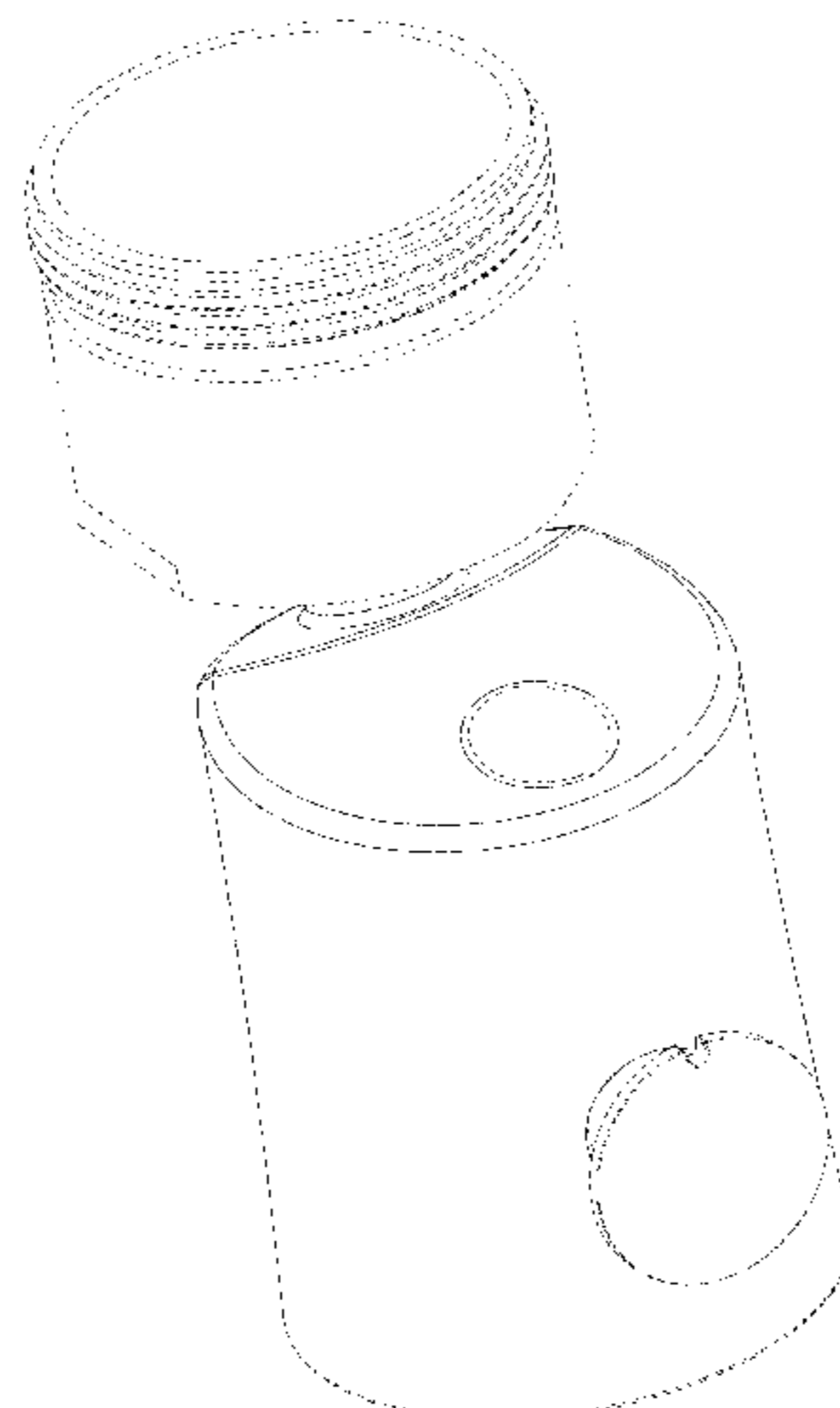
(57) **CLAIM**

The ornamental design for an aerator body, as shown and described.

**DESCRIPTION**

Aerator body  
1.1 : Perspective  
1.2 : Perspective  
1.3 : Front  
1.4 : Back  
1.5 : Top  
1.6 : Bottom  
1.7 : Left  
1.8 : Right  
The broken lines in the drawings depict portions of the aerator body that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

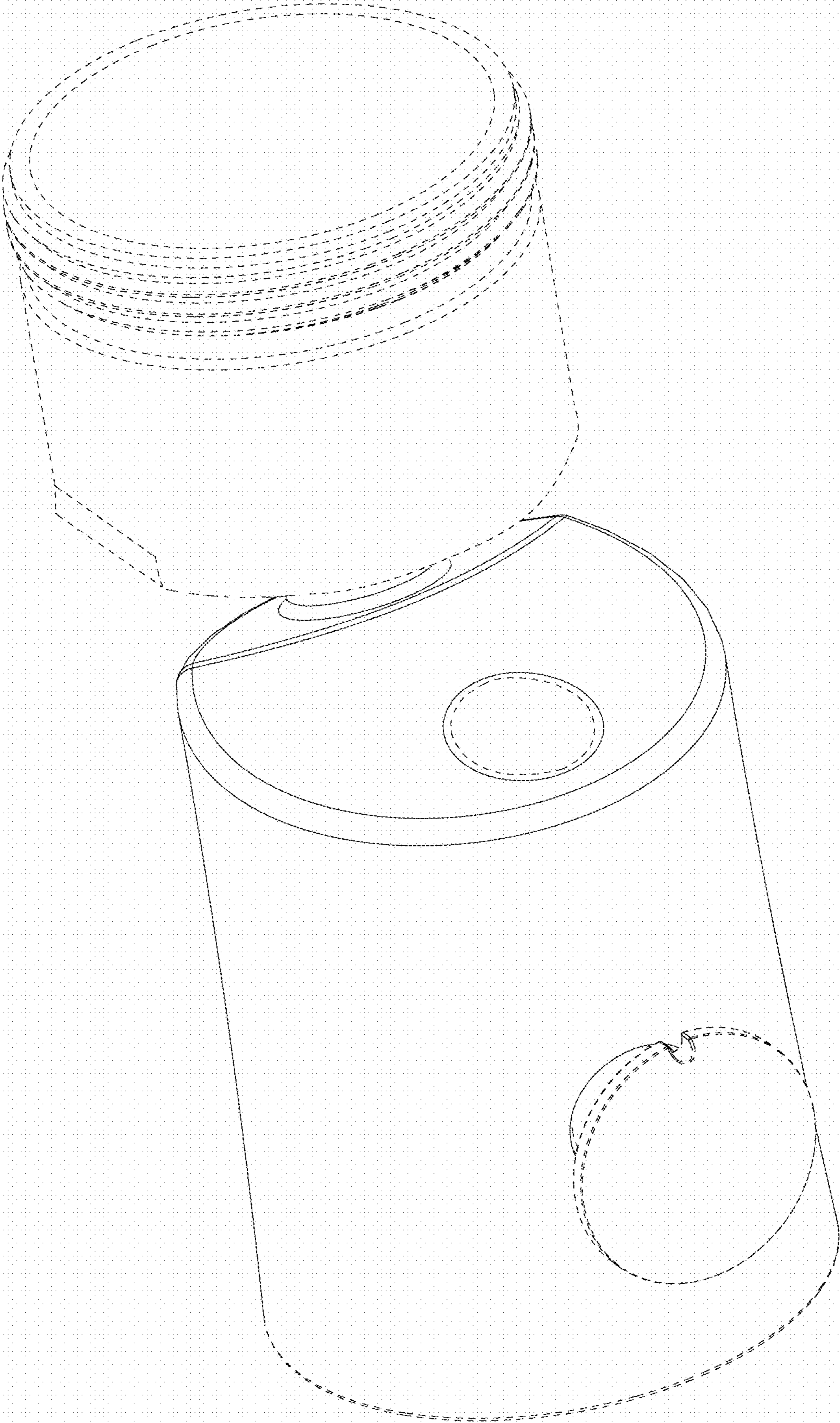
**References Cited**

U.S. PATENT DOCUMENTS

D858,704 S \* 9/2019 Yamada ..... D23/235  
D904,567 S \* 12/2020 Bian ..... F16K 1/00  
D23/233  
D923,145 S \* 6/2021 Schott ..... D23/233  
D944,920 S \* 3/2022 Lai ..... D23/213  
11,327,509 B2 \* 5/2022 Hart ..... G05D 7/012  
D954,176 S \* 6/2022 Shang ..... D23/213  
D958,289 S \* 7/2022 Lu ..... D23/213  
D968,564 S \* 11/2022 Lai ..... D23/213  
D968,565 S \* 11/2022 Lai ..... D23/213  
2014/0077114 A1 \* 3/2014 Shishido ..... F16K 1/42  
251/333  
2014/0300010 A1 \* 10/2014 Zhou ..... E03C 1/084  
261/78.2  
2021/0148099 A1 \* 5/2021 Zhou ..... F16K 31/58  
2021/0148472 A1 \* 5/2021 Zhou ..... F16K 1/526  
2021/0205825 A1 \* 7/2021 Zhou ..... F16L 27/023

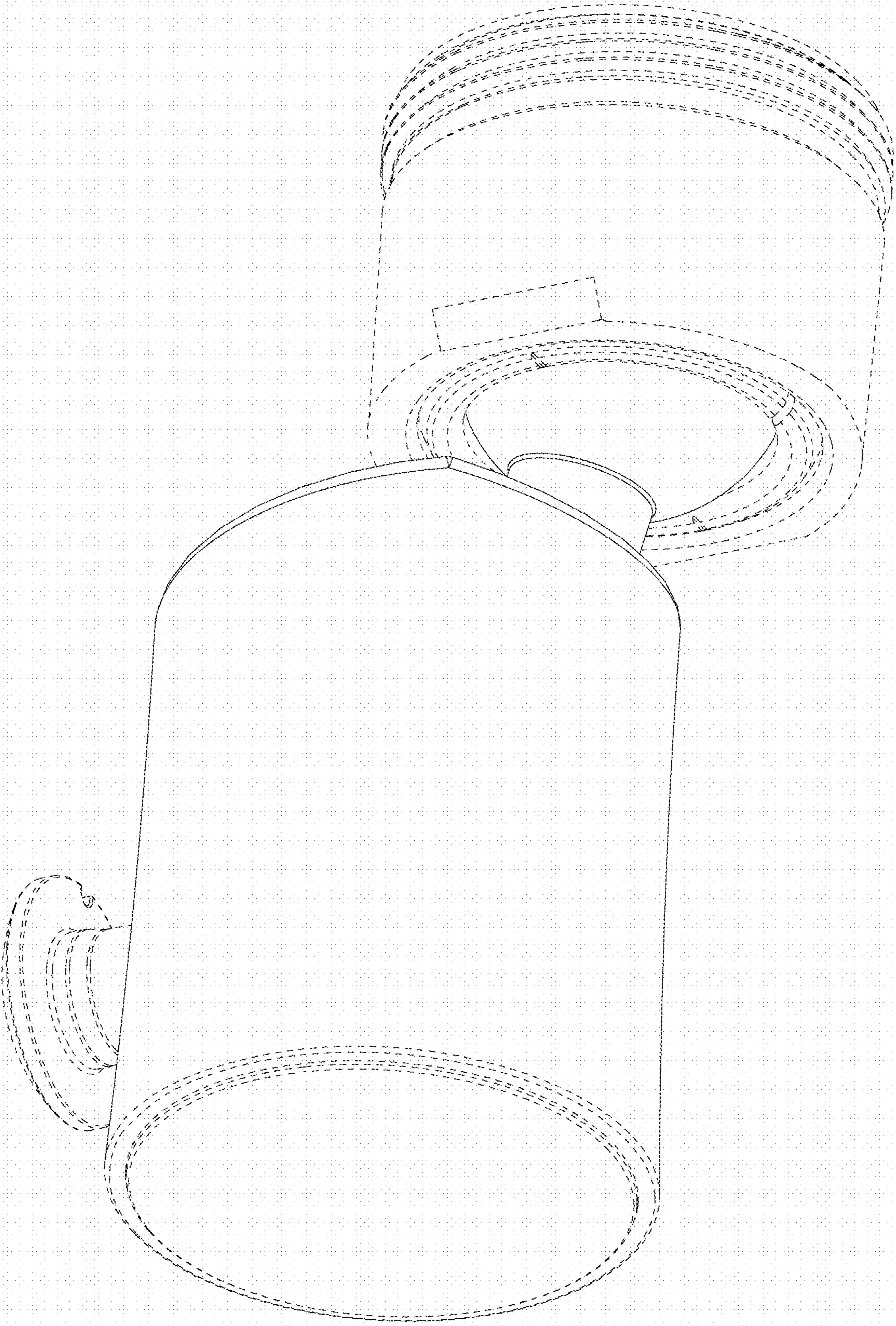
\* cited by examiner

1.1

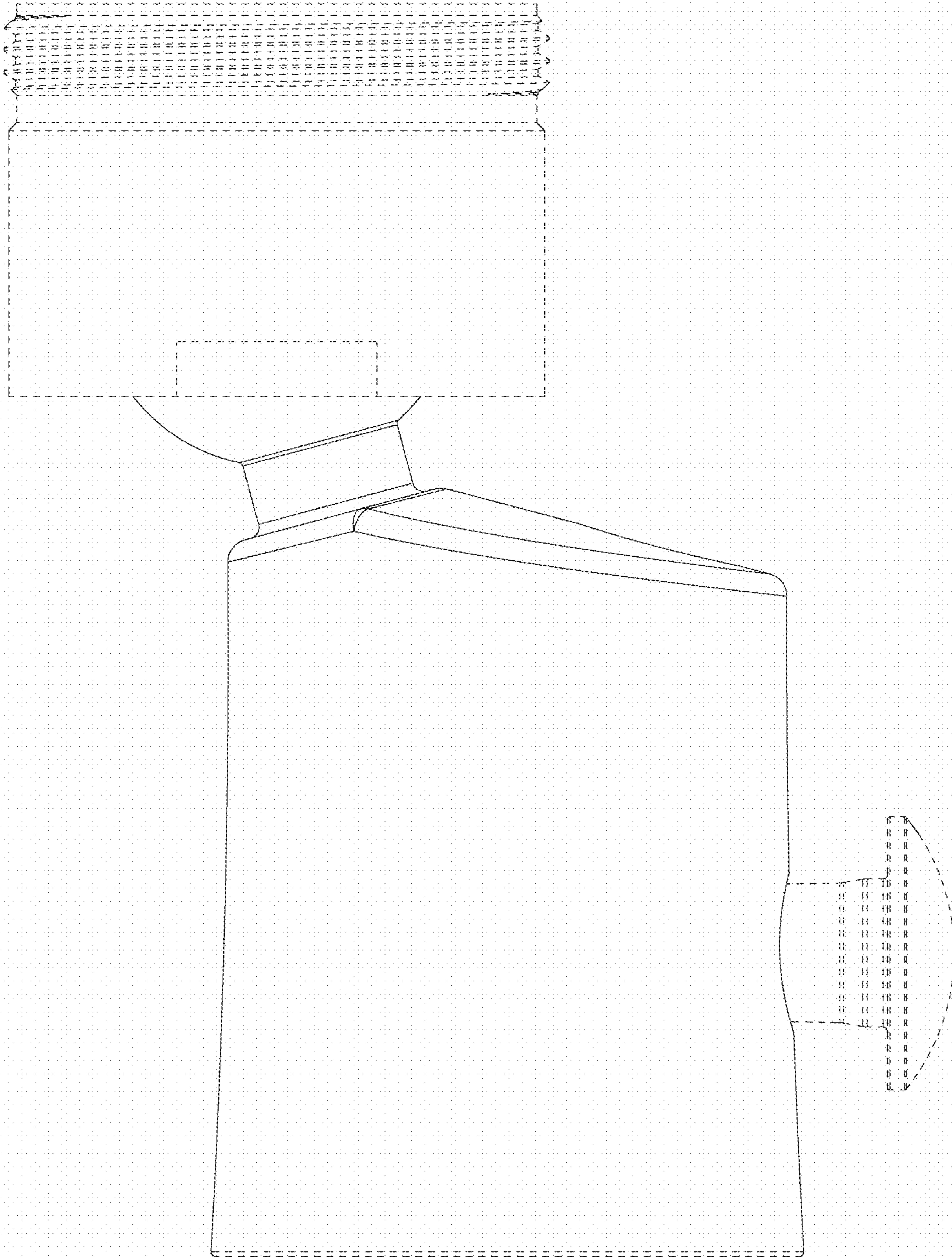




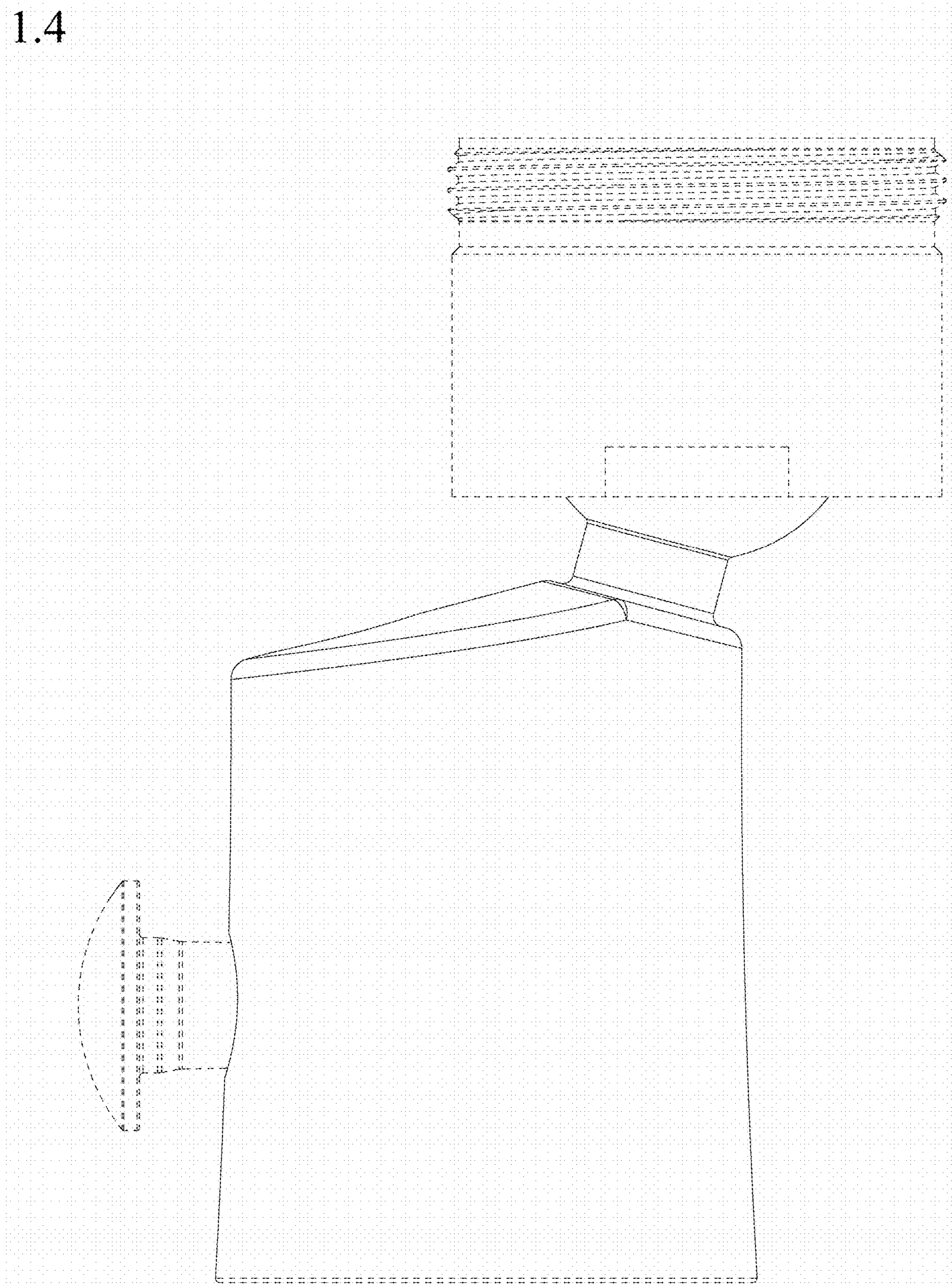
1.2



1.3

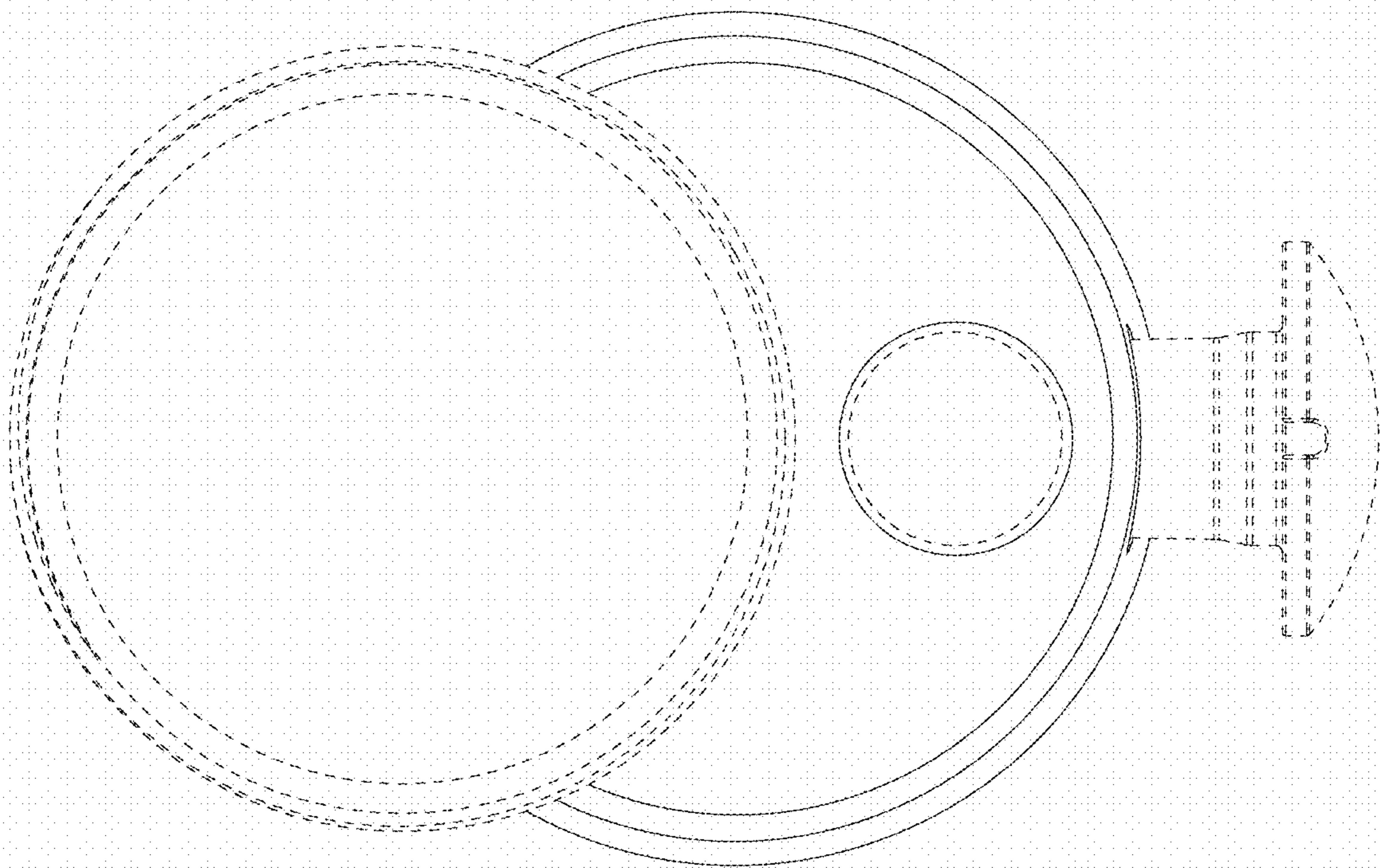


1.4

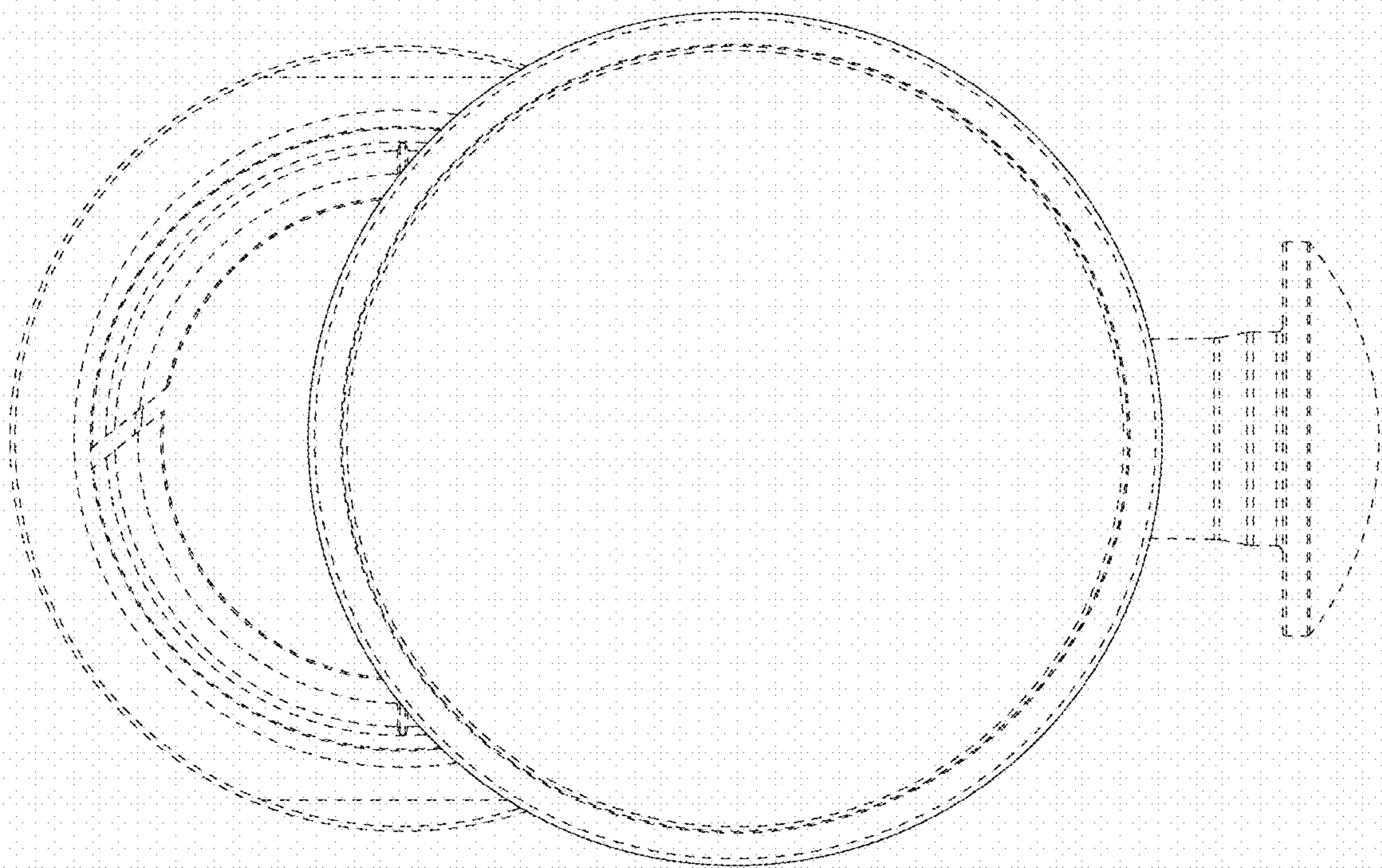




1.5

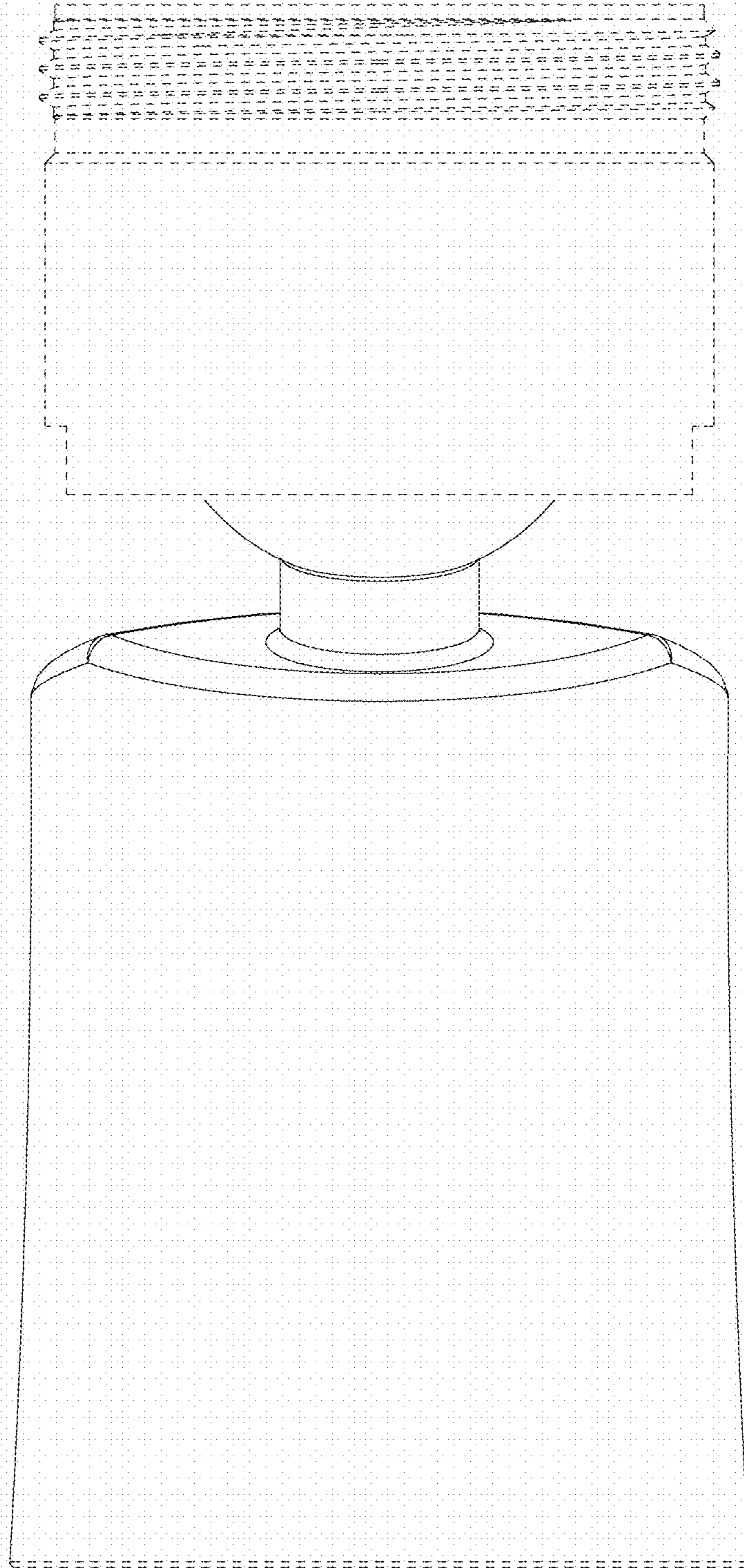


1.6





1.7



1.8

