



US00D974589S

(12) **United States Design Patent** (10) **Patent No.:** **US D974,589 S**
Decaluwé et al. (45) **Date of Patent:** **** Jan. 3, 2023**

(54) **COLLECTION TUBE FOR LABORATORY ANALYSIS**

Primary Examiner — Omeed Agilee
(74) *Attorney, Agent, or Firm* — Hahn Loeser & Parks LLP

(71) Applicant: **Allflex Europe SAS**, Vitre (FR)

(72) Inventors: **Johan Decaluwé**, Laval (FR); **Bruno Teychene**, La Plaine (FR)

(57) **CLAIM**

The ornamental design for a collection tube for laboratory analysis, as shown and described.

(73) Assignee: **ALLFLEX EUROPE SAS**, Vitre (FR)

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

(21) Appl. No.: **29/766,699**

DESCRIPTION

(22) Filed: **Jan. 18, 2021**

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**
USPC D24/107, 121–123, 216–217, 219,
D24/223–227, 229–231, 232; D9/504,
(Continued)

FIG. 1 is a perspective view of disassembled parts of a collection tube for laboratory analysis showing the new design;

FIG. 2 is a perspective view of the assembled parts thereof;

FIG. 3 is a front view of a first part thereof;

FIG. 4 is a rear view of the first part thereof;

FIG. 5 is a right side view of the first part thereof;

FIG. 6 is a left side view of the first part thereof;

FIG. 7 is a bottom view of the first part thereof;

FIG. 8 is a top view of the first part thereof;

FIG. 9 is a front view of a third part thereof, the right and left side views of the third part are identical to the front view;

FIG. 10 is a rear view of the third part thereof;

FIG. 11 is a top view of the third part thereof;

FIG. 12 is a bottom view of the third part thereof;

FIG. 13 is a view of the second part thereof, the second part thereof is sphere and all views of it are identical;

FIG. 14 is a right side view of the a fourth part thereof;

FIG. 15 is a left side view of the fourth part thereof;

FIG. 16 is a rear view of the fourth part thereof;

FIG. 17 is a front view of the fourth part thereof;

FIG. 18 is a top view of the fourth part thereof; and,

FIG. 19 is a bottom view of the fourth part thereof.

The broken lines in the drawings depict portions of the collection tube for laboratory analysis that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,020,975 A * 5/1977 Stauffer B65D 83/0027
222/93

D308,475 S * 6/1990 Gastwirt D6/377
(Continued)

FOREIGN PATENT DOCUMENTS

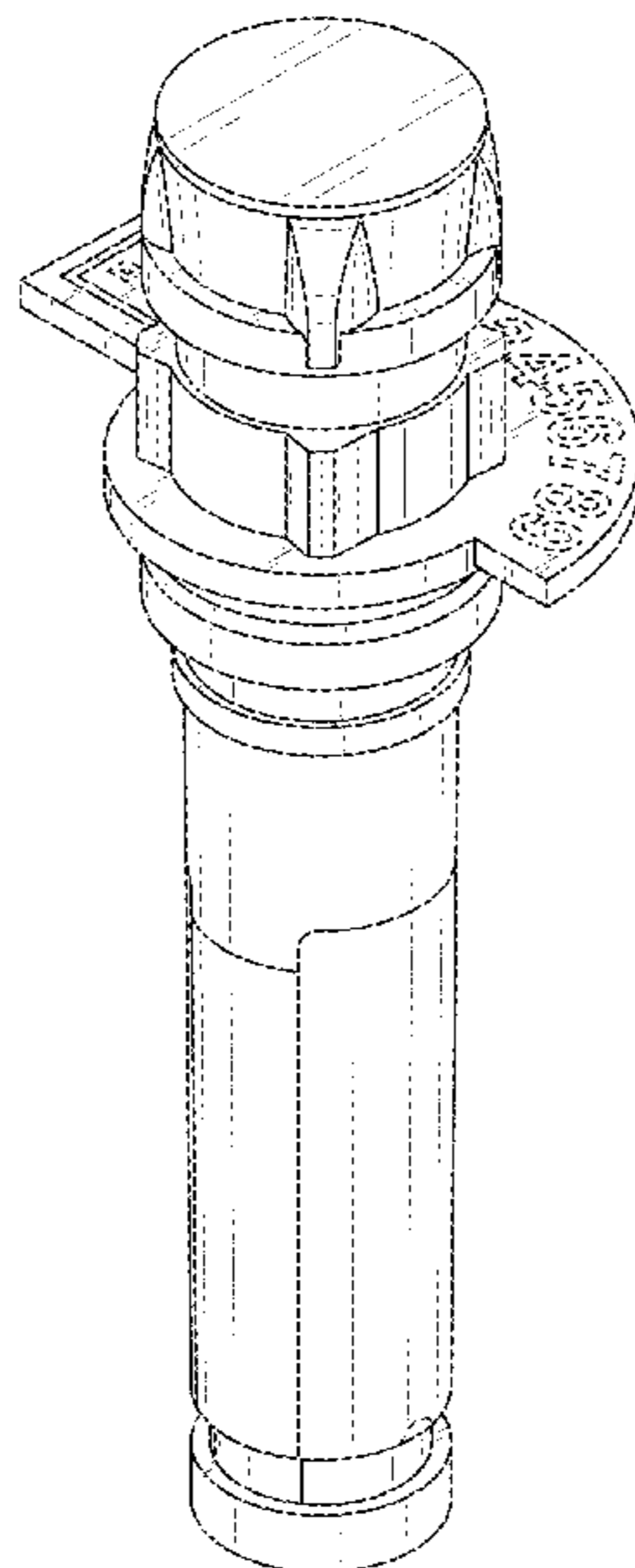
JP D2004-33877 * 9/2005
WO WO 2010/070130 6/2010
WO WO 2017/153865 9/2017

OTHER PUBLICATIONS

Tissue Sampling. Online, published date unknown. Retrieved on Mar. 21, 2022 from URL: <https://www.allflex.global/product/tissue-sampling/>.*

(Continued)

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

USPC D9/516, 519, 529, 549, 574, 715, 719;
D3/201, 203.1, 203.2
CPC ... B29C 65/665; A61B 10/0045; A61B 5/154;
A61J 1/1468; B01L 3/50825; B65D 41/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D337,271 S * 7/1993 Pezzoli D9/503
D457,452 S * 5/2002 Christiansen D10/96
D500,773 S * 1/2005 Colson D15/144
D605,765 S * 12/2009 Gaab D24/146
D640,796 S * 6/2011 Wilkinson D24/224
D672,463 S * 12/2012 Saad D24/138
D802,121 S * 11/2017 Hamilton D24/122
D868,254 S * 11/2019 Lintula D24/155
D881,410 S * 4/2020 Motadel D24/224
D931,730 S * 9/2021 Suid D9/504
D952,897 S 5/2022 Decaluwé et al.
2014/0249449 A1 9/2014 Hilpert et al.
2016/0007567 A1 1/2016 Decaluwé et al.
2020/0071148 A1* 3/2020 Lin B67B 3/2053

OTHER PUBLICATIONS

DNA Requirements for Foundation—Registered AI Sires and Donor Dams. Online, published date Oct. 19, 2018 from URL: <https://simmental.org/site/index.php/pub/article-topics/genes-dna/21-common-reasons-for-delays-in-dna-testing>.*

* cited by examiner

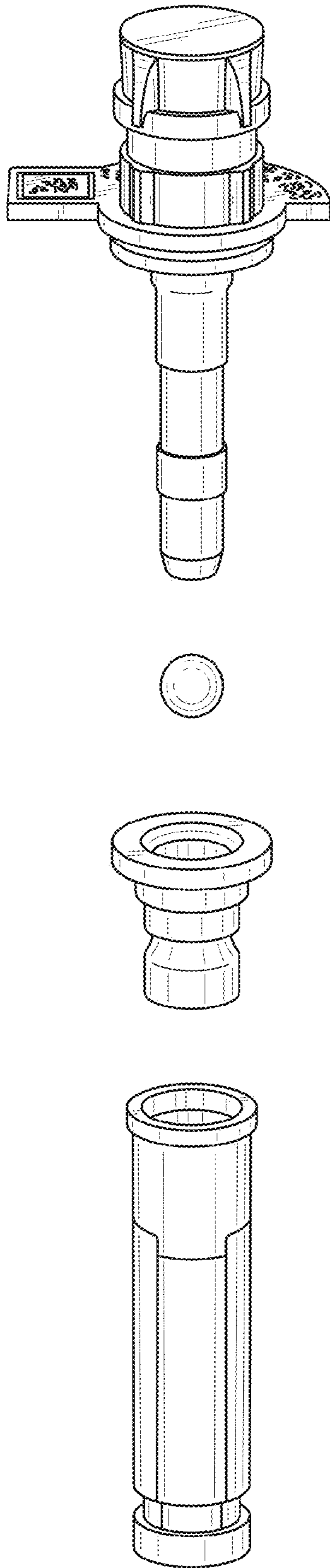


FIG. 1

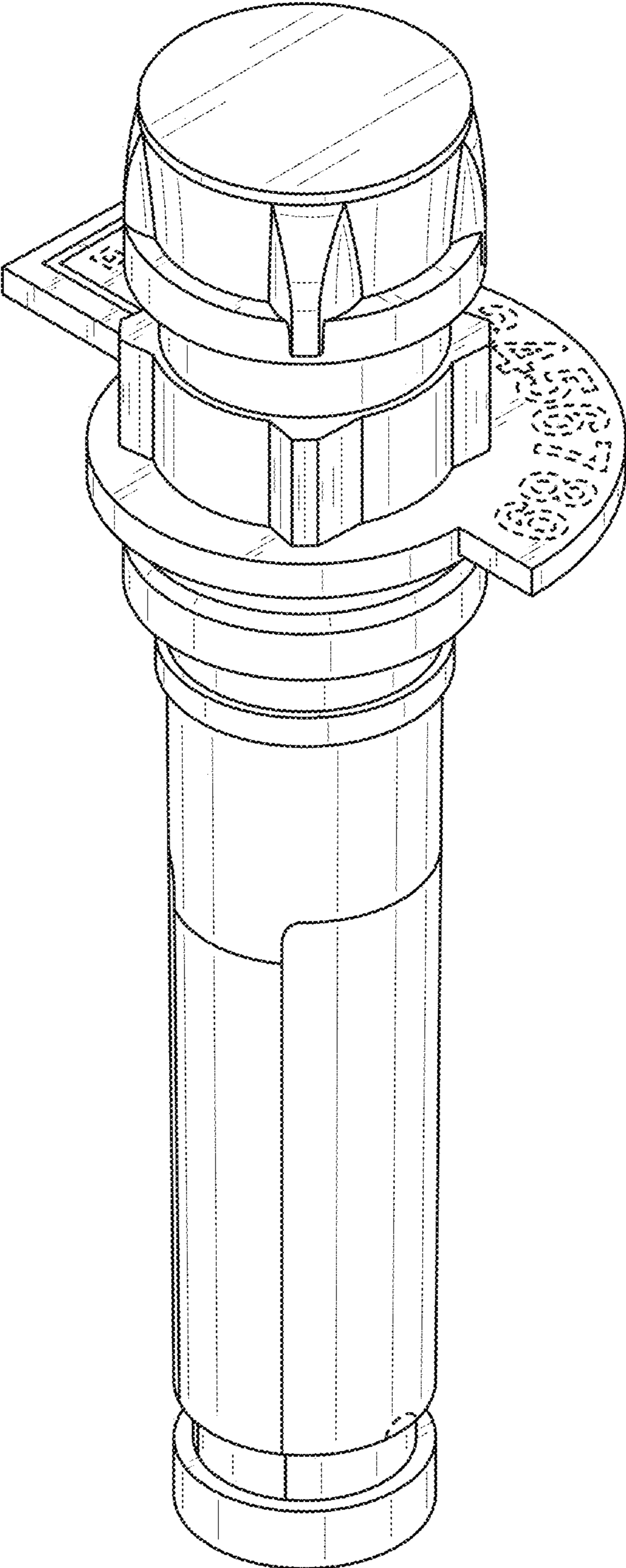


FIG. 2

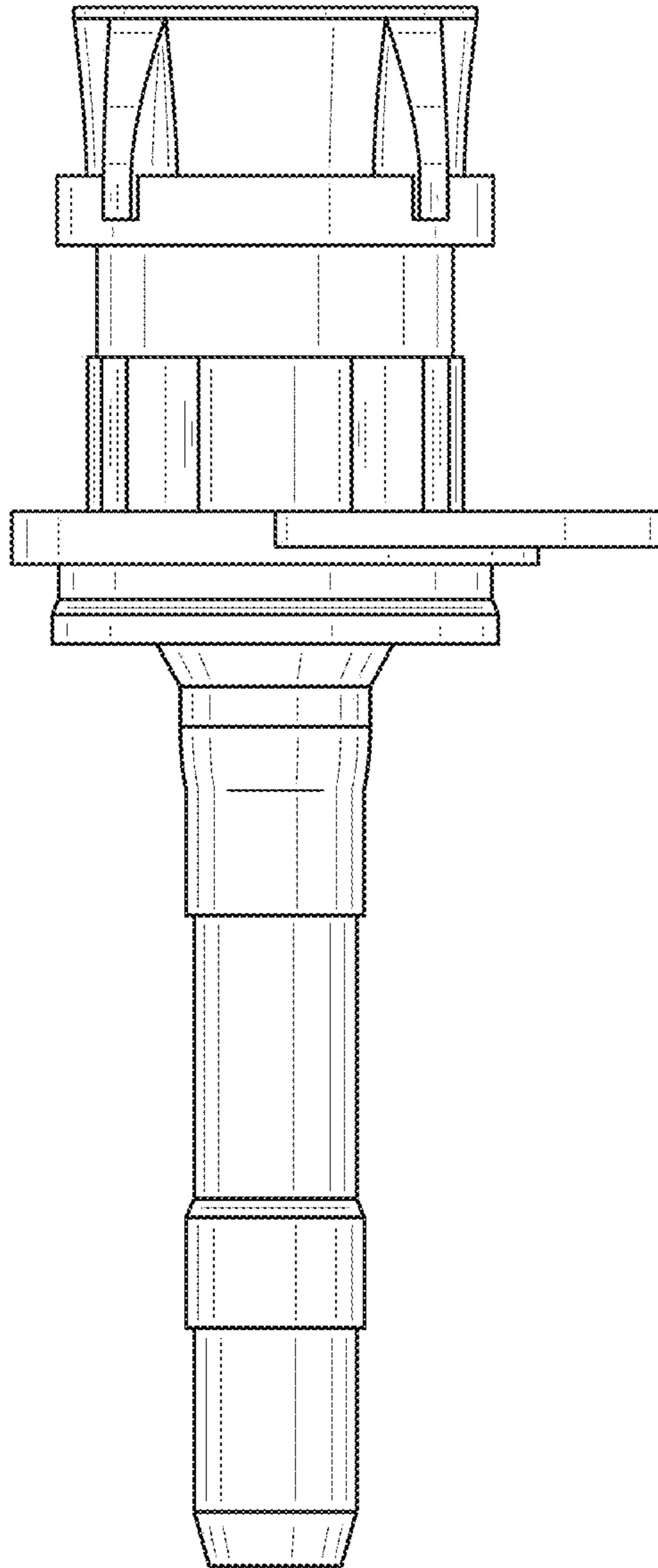


FIG. 3

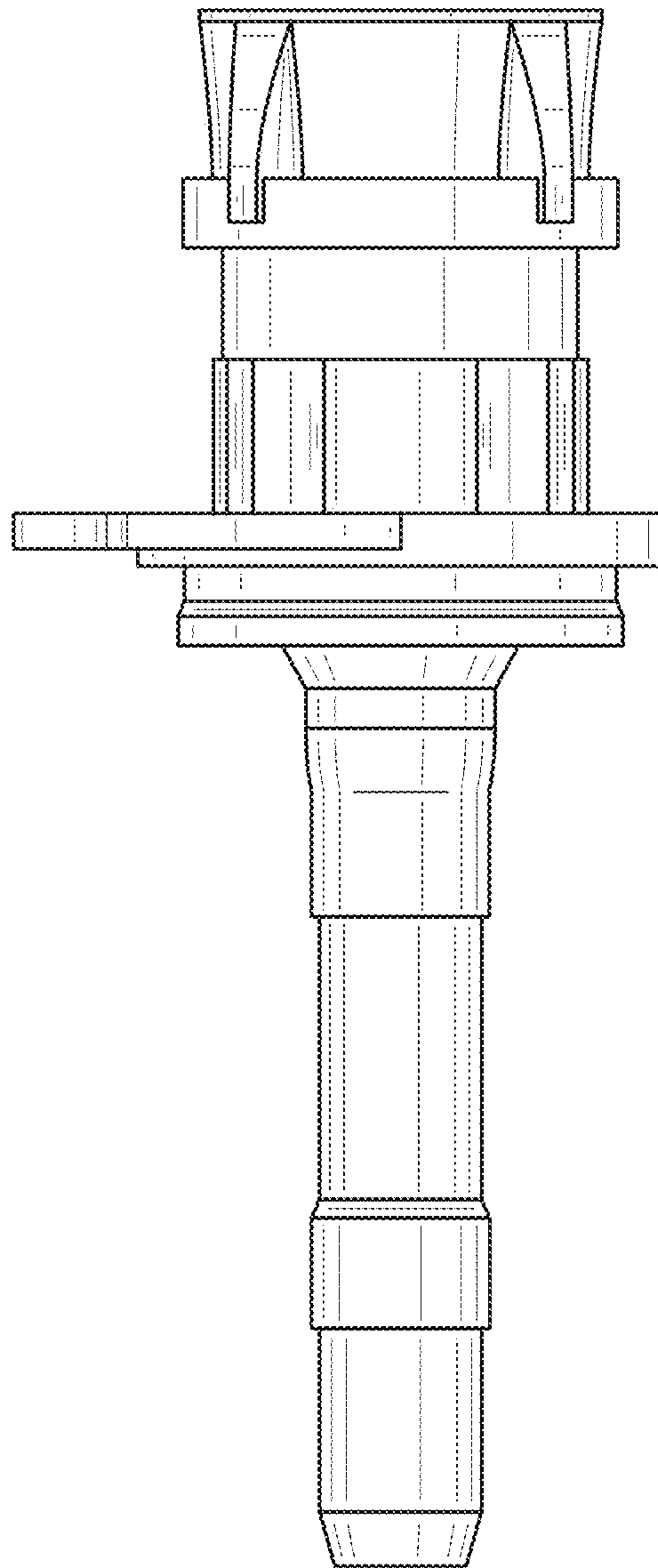


FIG. 4

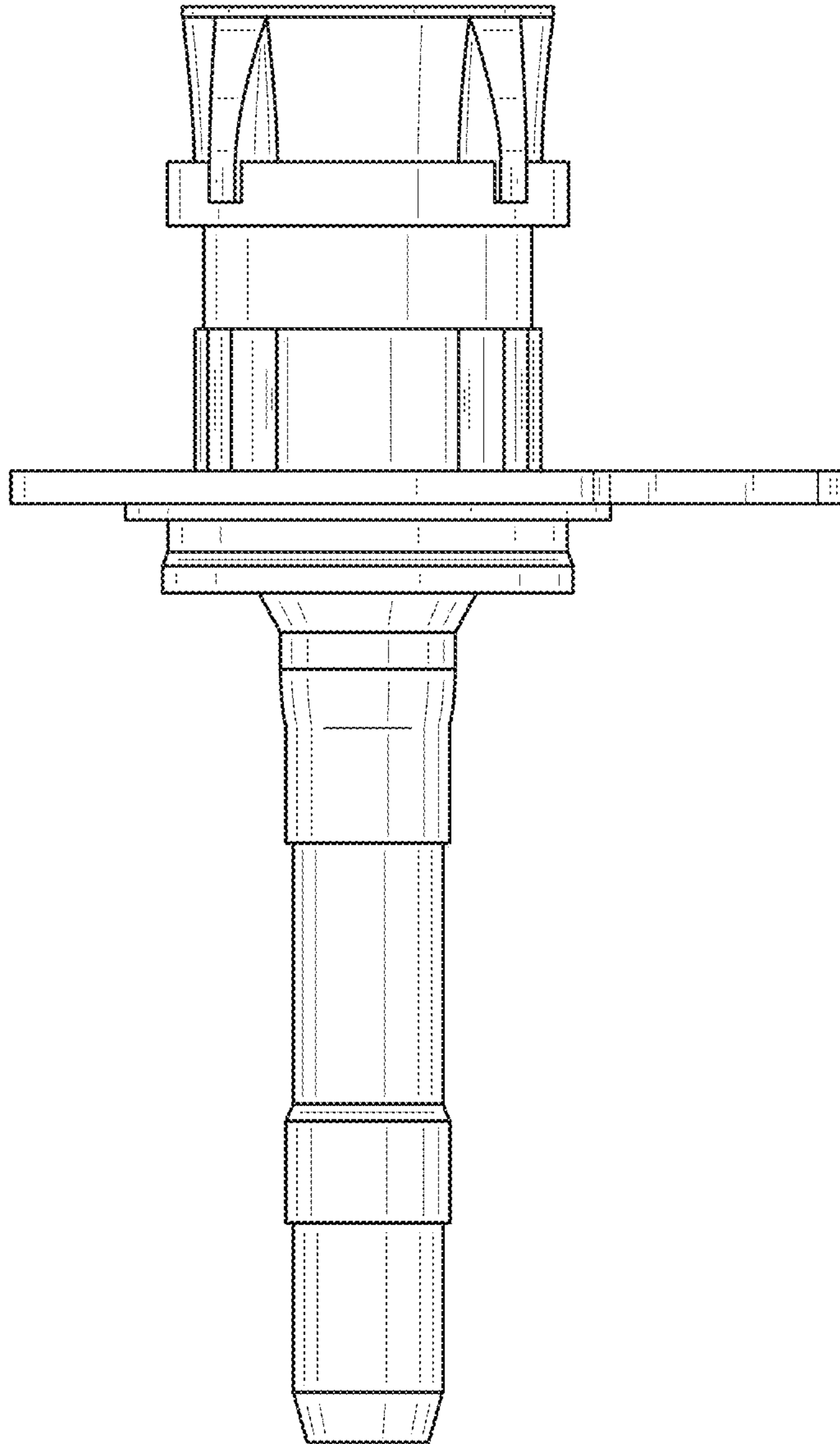


FIG. 5

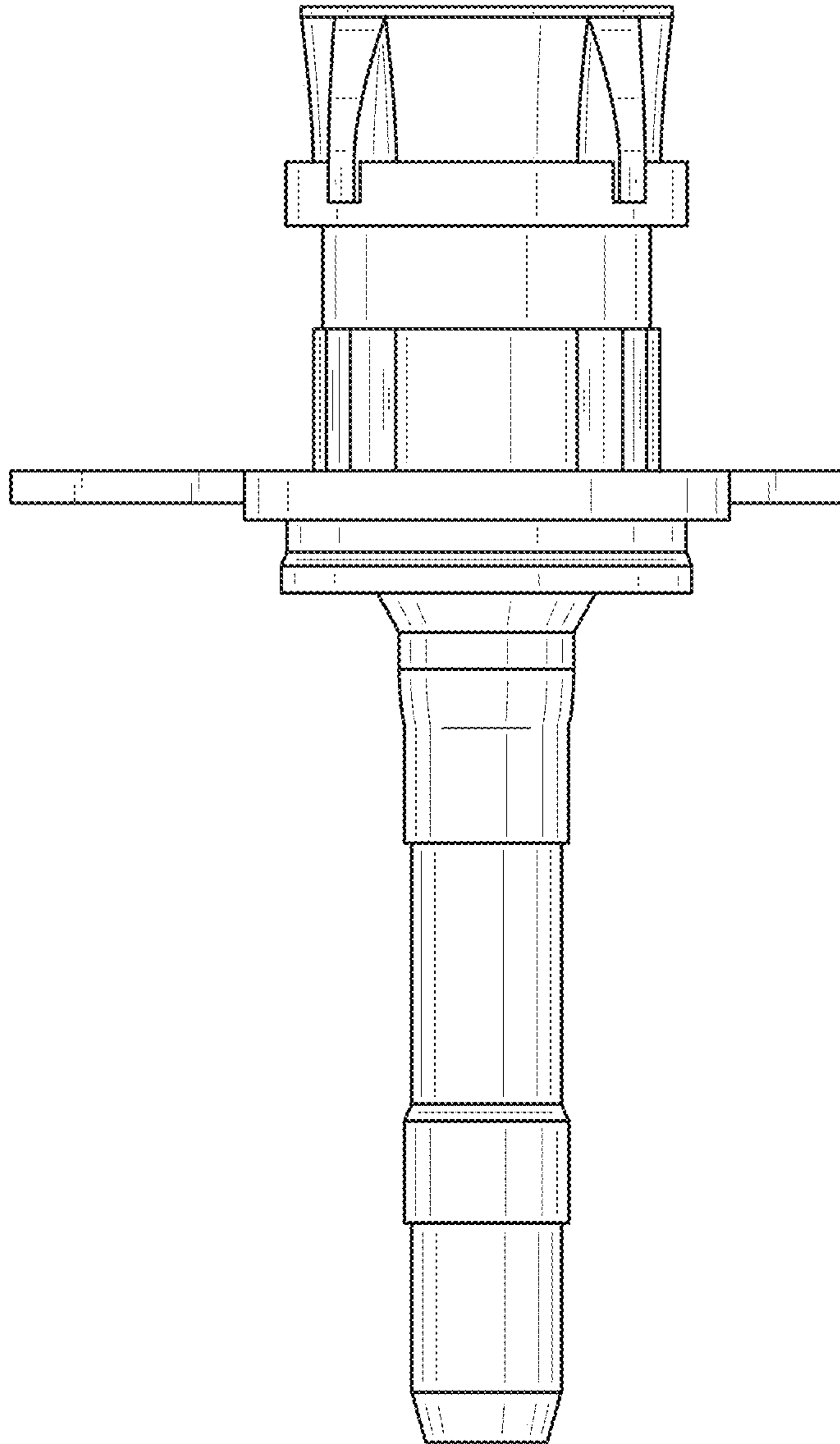


FIG. 6

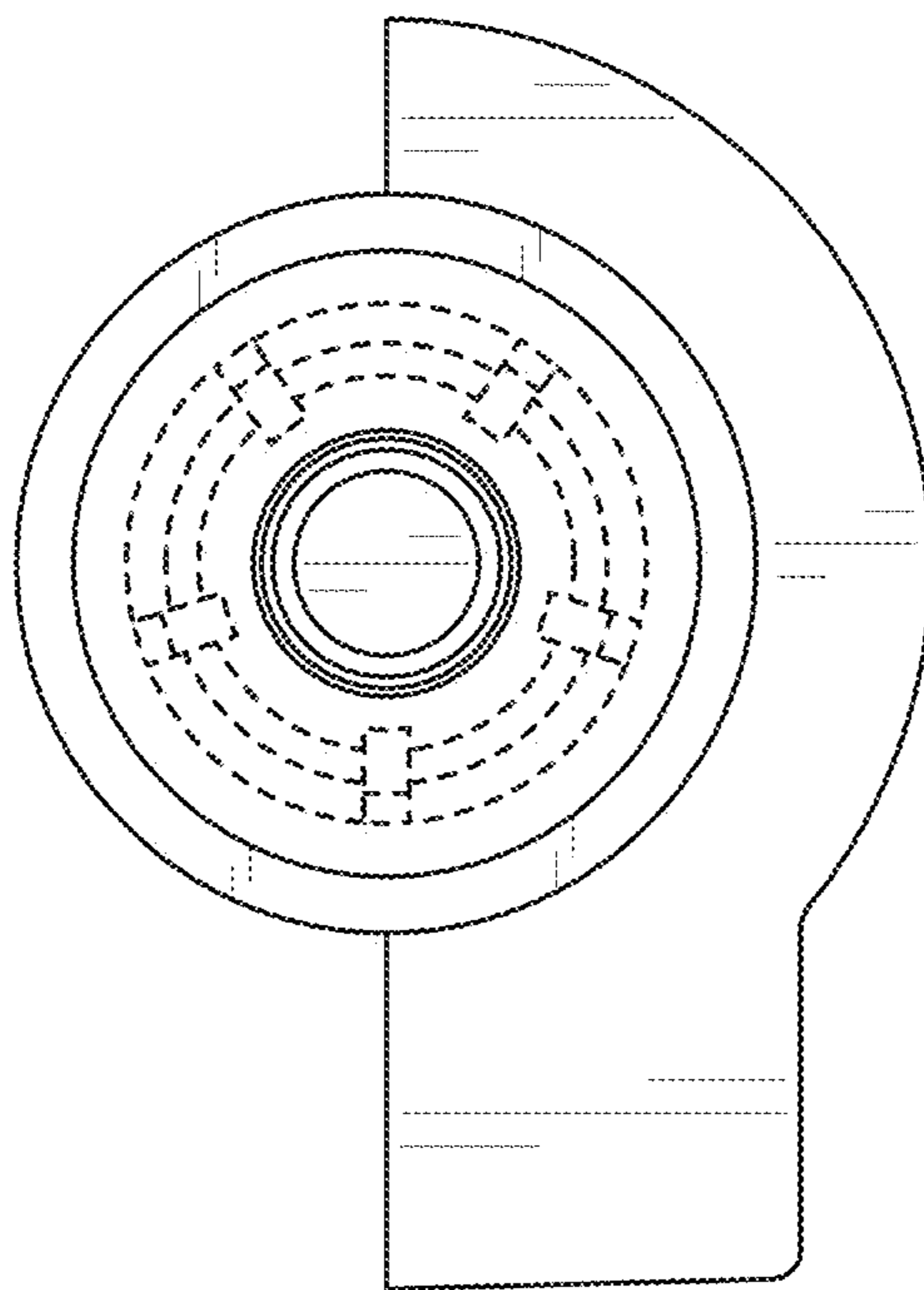


FIG. 7

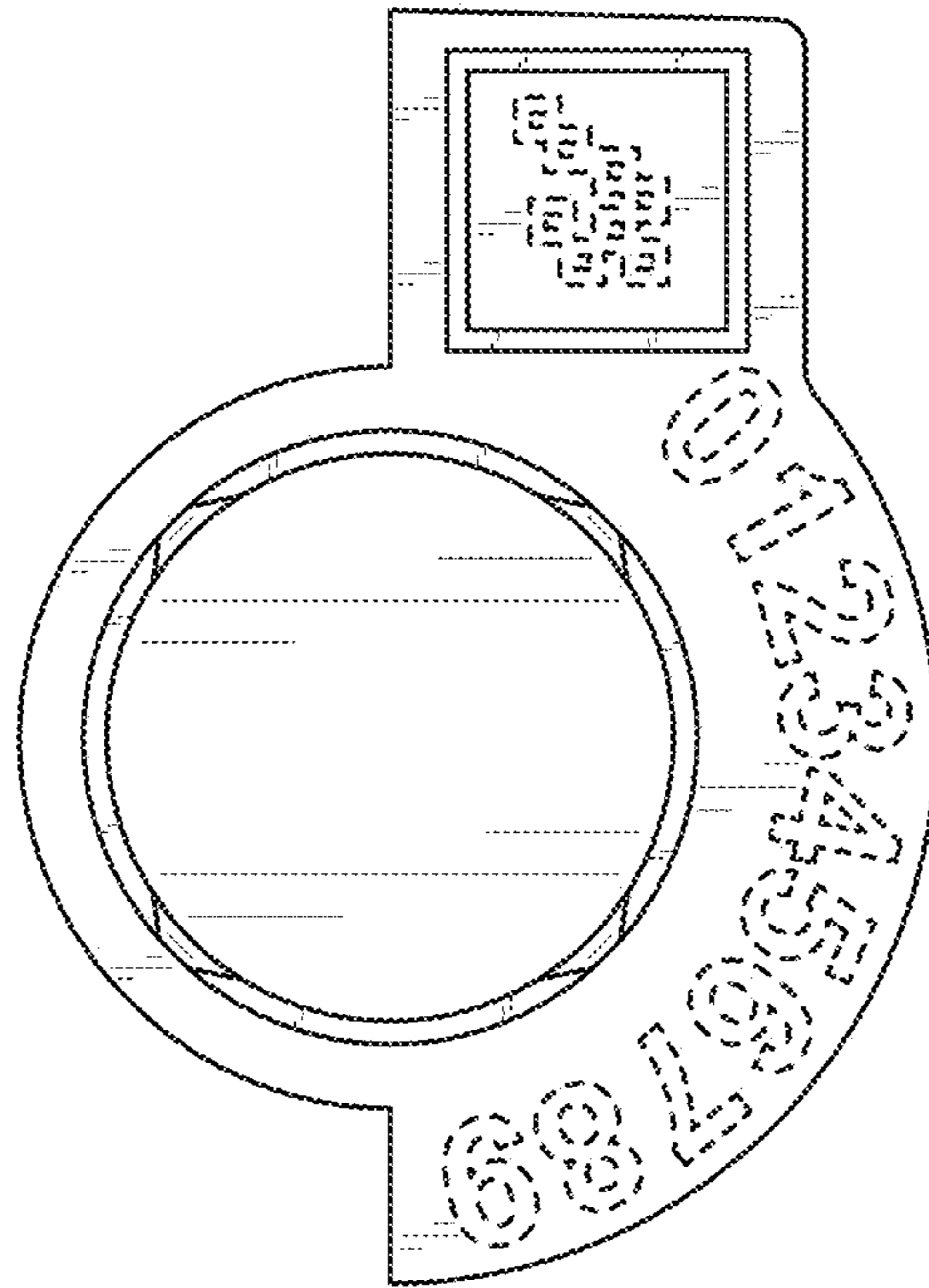


FIG. 8

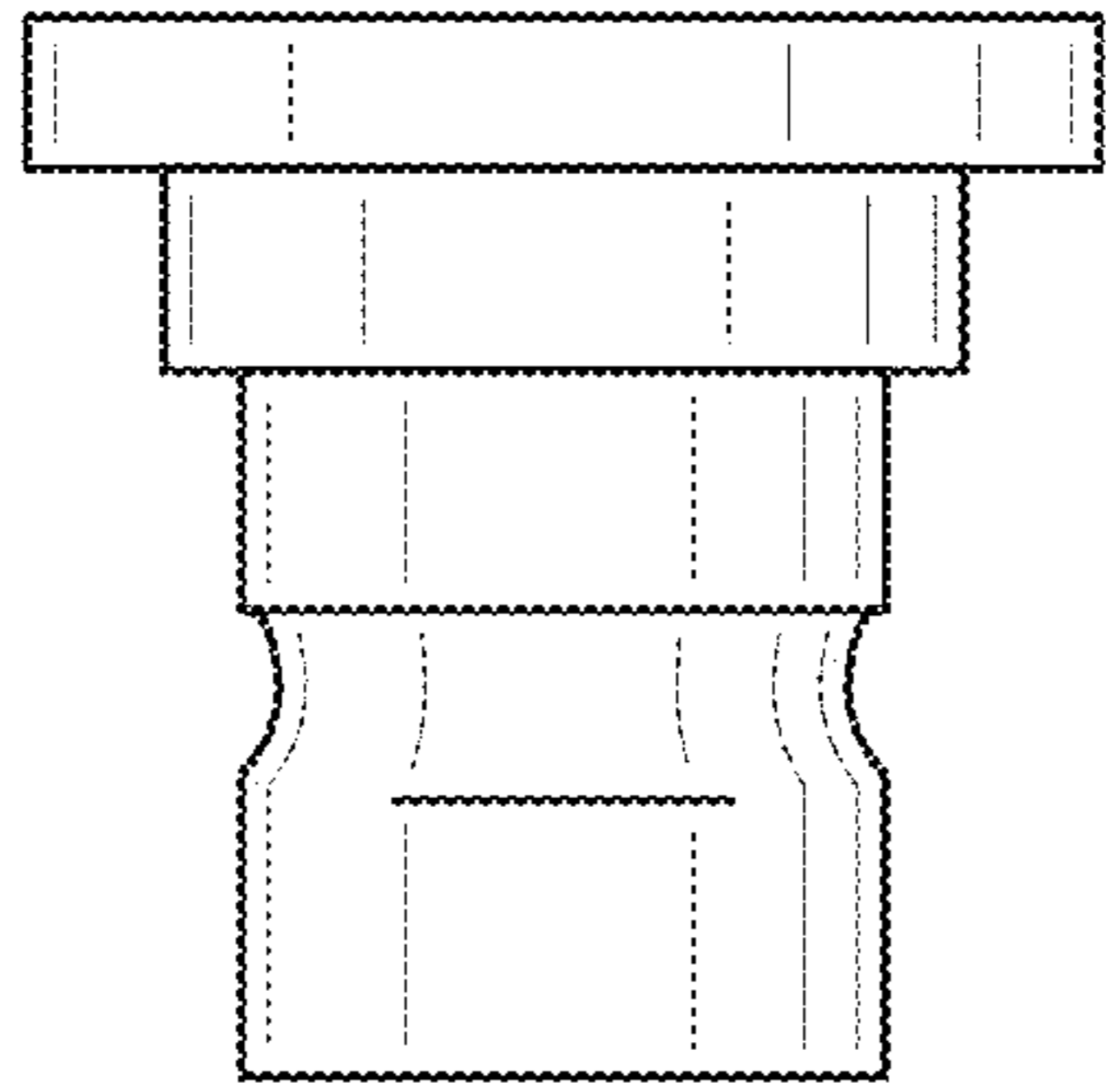


FIG. 9

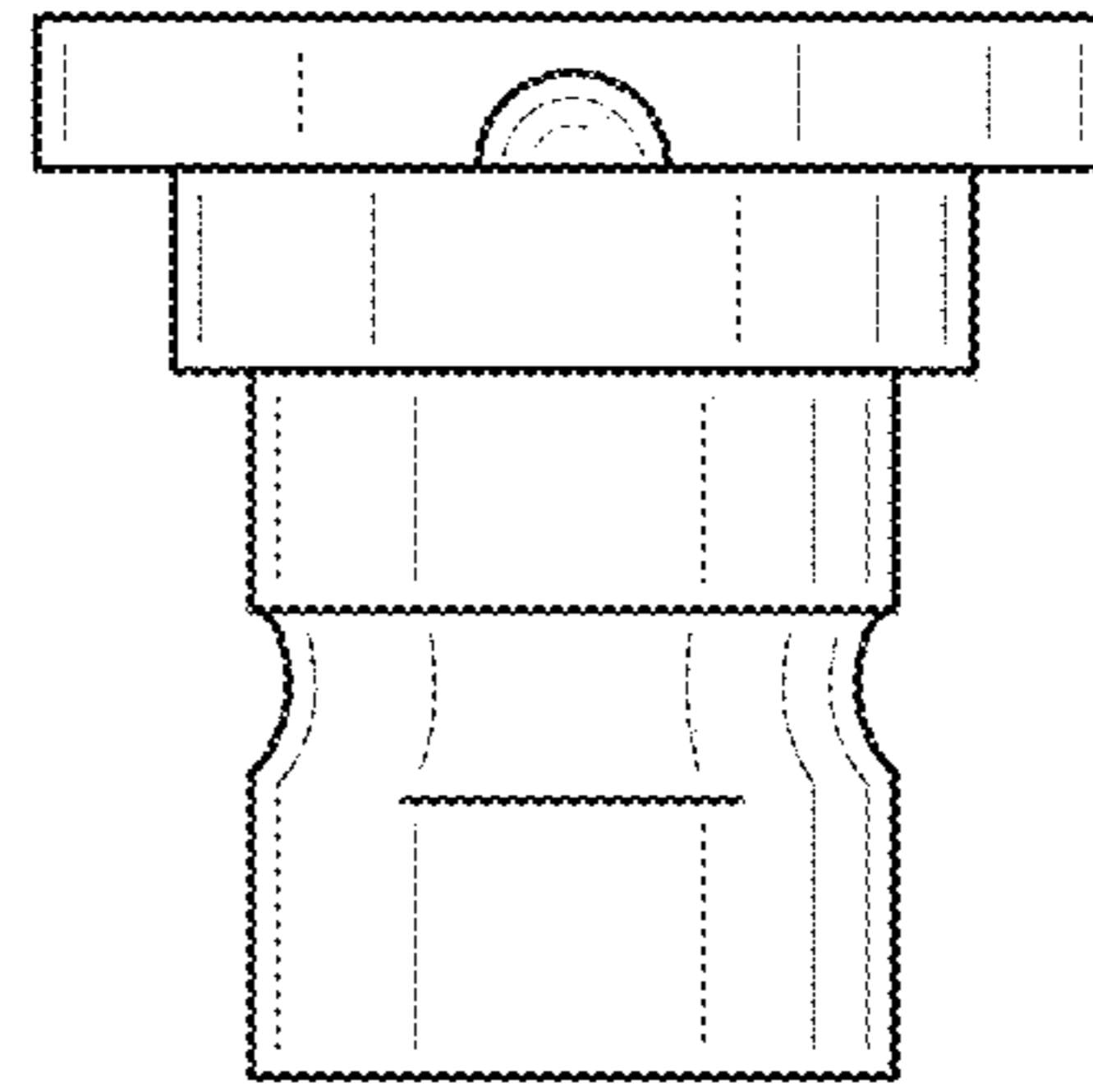


FIG. 10

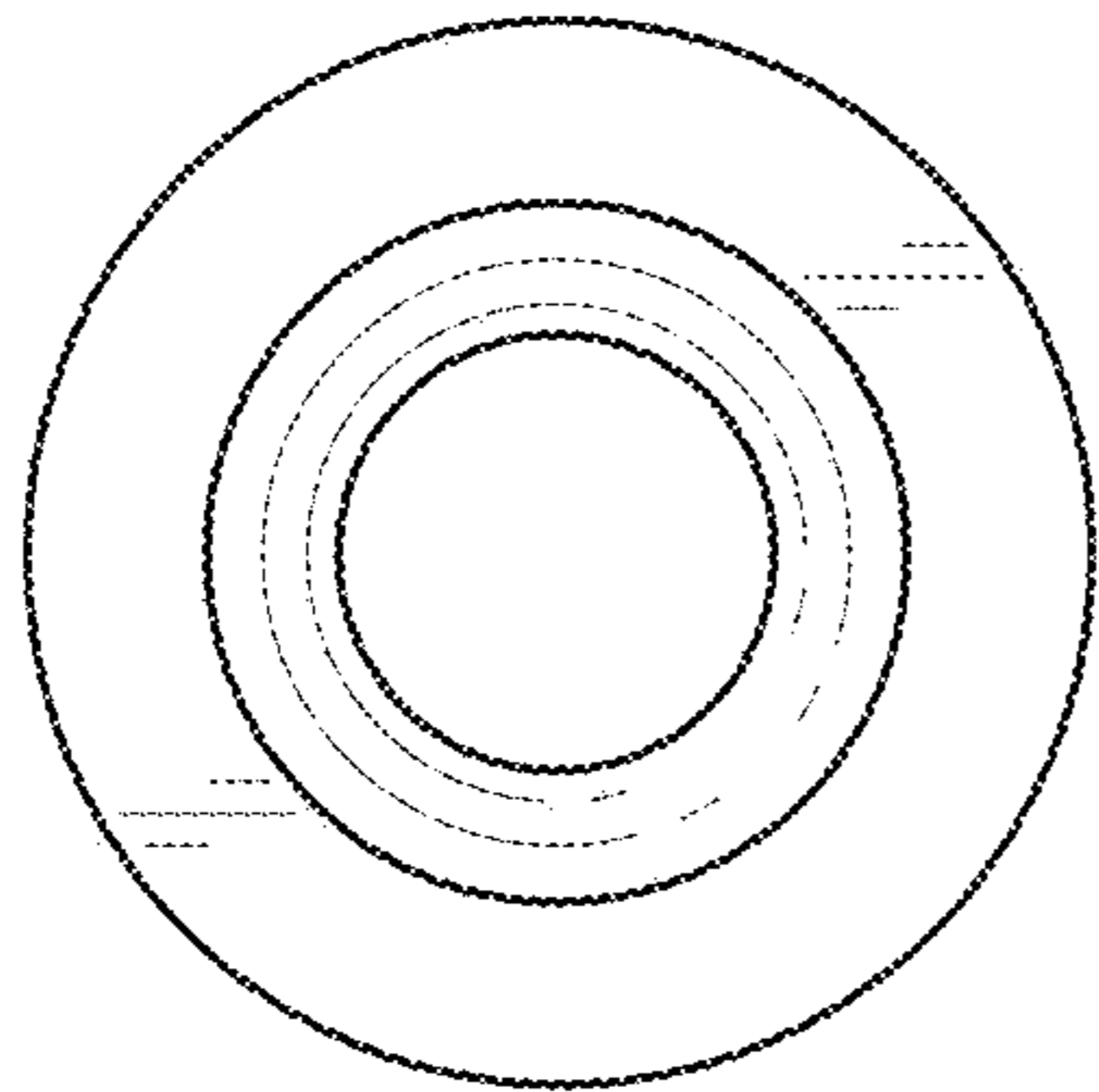


FIG. 11

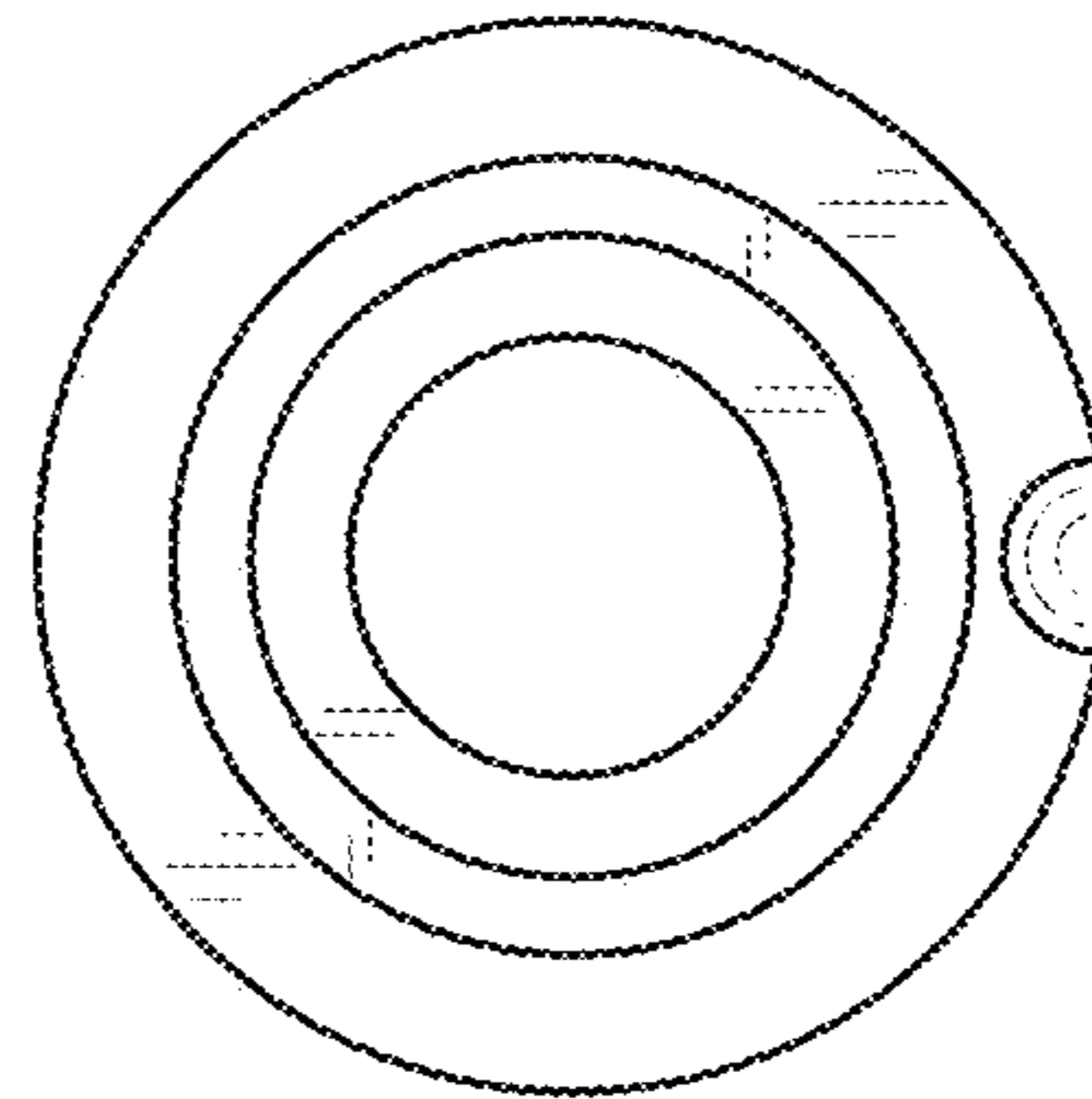


FIG. 12

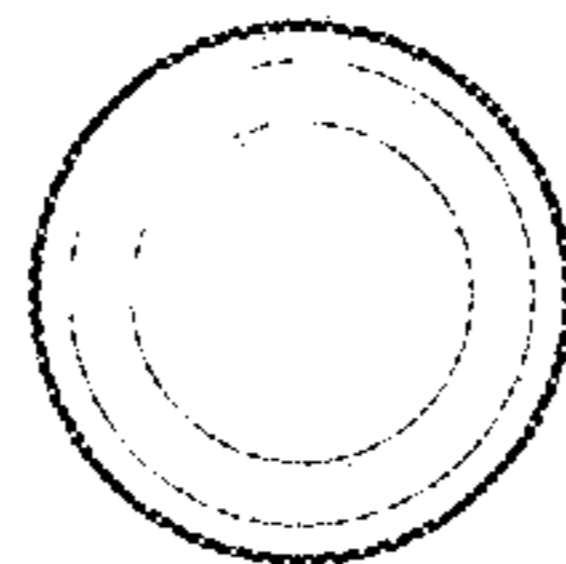


FIG. 13

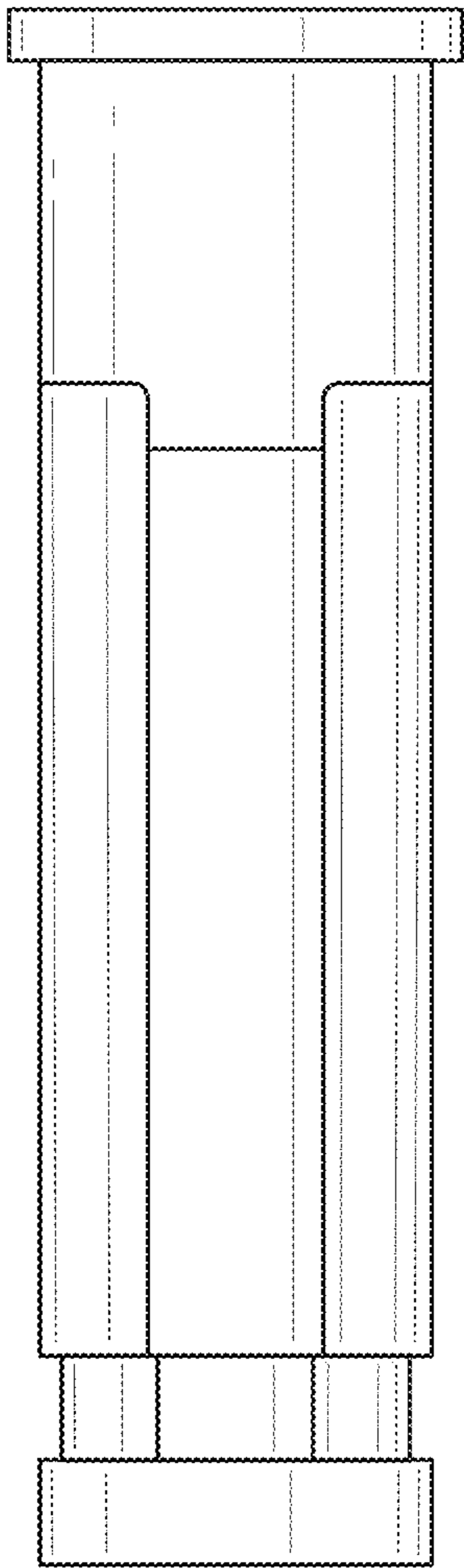


FIG. 14

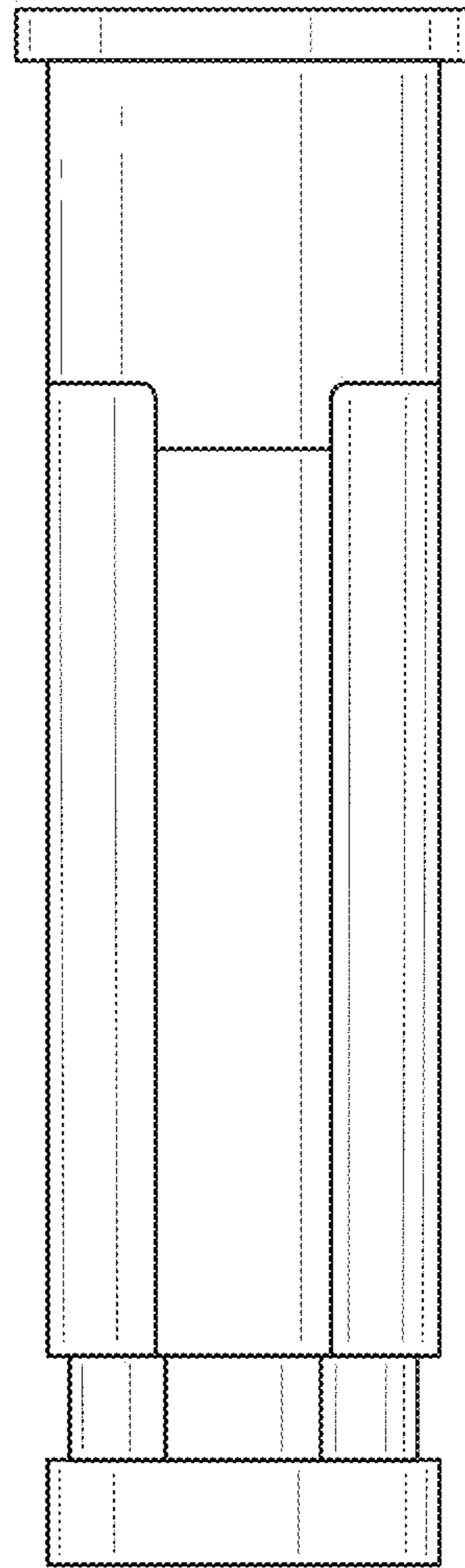


FIG. 15

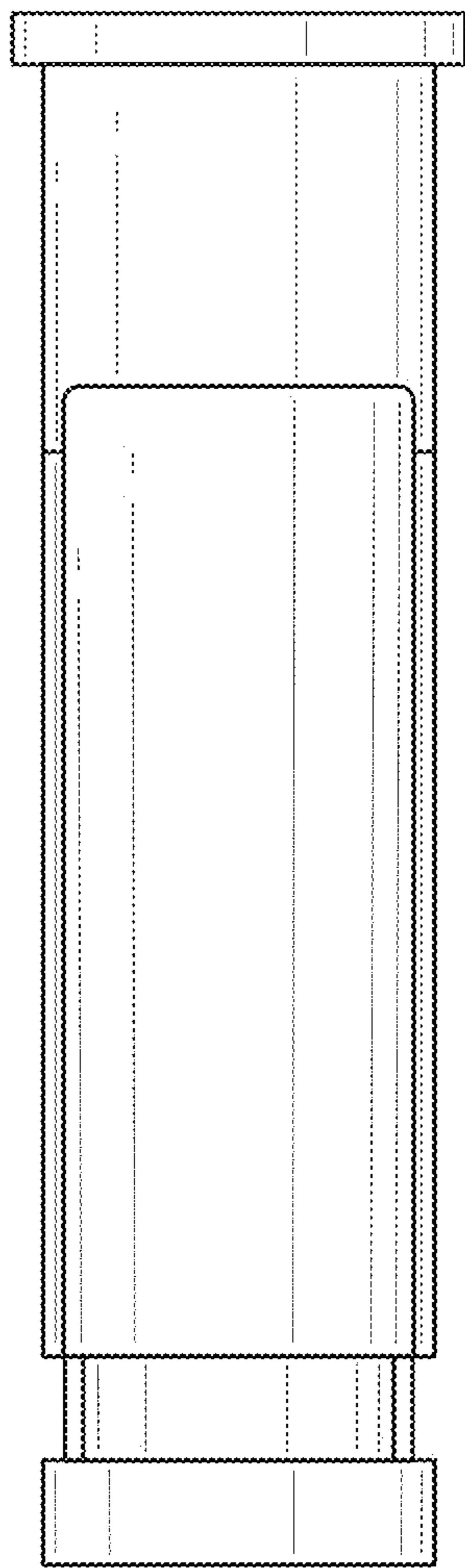


FIG. 16

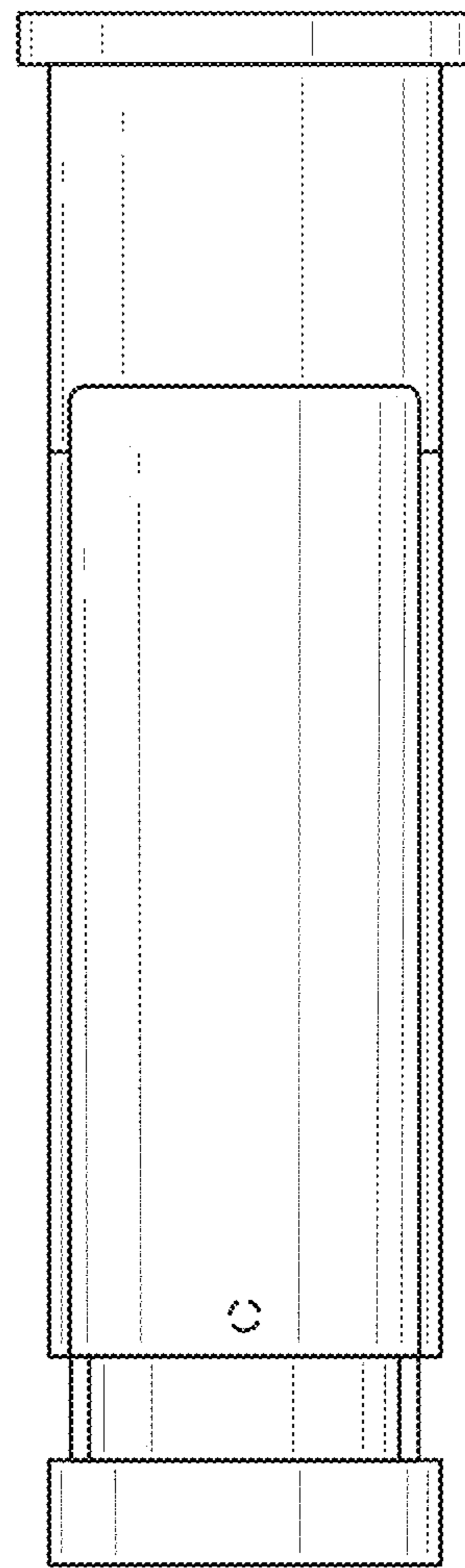


FIG. 17

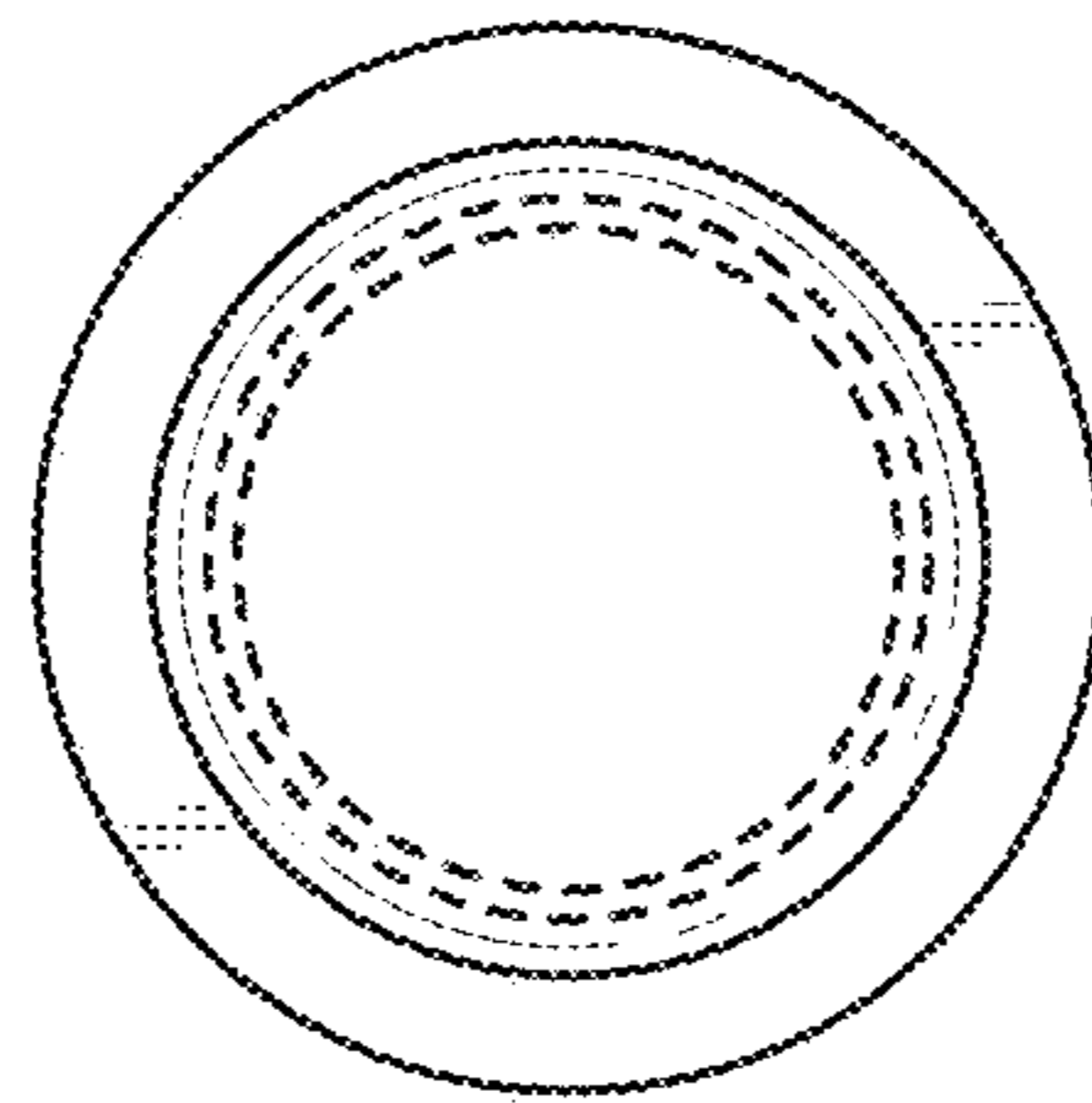


FIG. 18

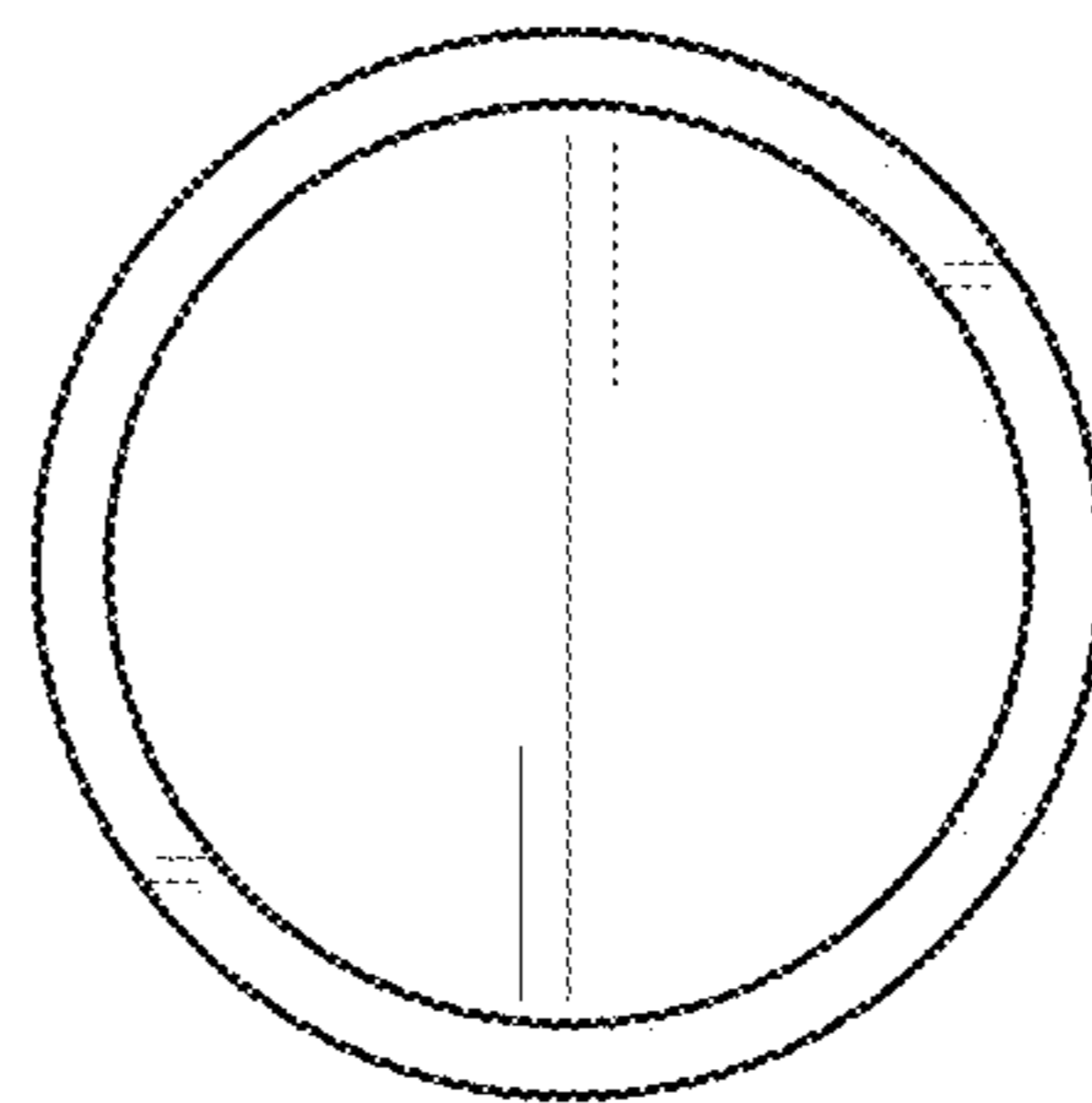


FIG. 19