



US00D972404S

(12) **United States Design Patent** (10) **Patent No.:** **US D972,404 S**
Hand et al. (45) **Date of Patent:** **** Dec. 13, 2022**

(54) **FASTENING NUT**

OTHER PUBLICATIONS

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Sheboygan Falls, WI (US)
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(US)
- (73) Assignee: **Bemis Manufacturing Company**,
Sheboygan Falls, WI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/766,444**
- (22) Filed: **Jan. 15, 2021**
- (51) **LOC (13) Cl.** **08-08**
- (52) **U.S. Cl.**
USPC **D8/397**
- (58) **Field of Classification Search**
USPC D8/397, 394, 382, 349, 399
CPC A47K 13/26; F16B 31/021
See application file for complete search history.

Images of a speed nut for attaching a toilet seat to a toilet bowl,
publicly available prior to Feb. 17, 2020.
(Continued)

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Friedrich LLP

(57) **CLAIM**

We claim the ornamental design for a fastening nut, as
shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a fastening nut according to one embodiment.
 FIG. 2 is a first side view of the fastening nut of FIG. 1.
 FIG. 3 is a second side view of the fastening nut of FIG. 1.
 FIG. 4 is a third side view of the fastening nut of FIG. 1.
 FIG. 5 is a fourth side view of the fastening nut of FIG. 1.
 FIG. 6 is a first end view of the fastening nut of FIG. 1.
 FIG. 7 is a second end view of the fastening nut of FIG. 1.
 FIG. 8 is a perspective view of a fastening nut according to another embodiment.
 FIG. 9 is a first side view of the fastening nut of FIG. 8.
 FIG. 10 is a second side view of the fastening nut of FIG. 8.
 FIG. 11 is a third side view of the fastening nut of FIG. 8.
 FIG. 12 is a fourth side view of the fastening nut of FIG. 8.
 FIG. 13 is a first end view of the fastening nut of FIG. 8; and,
 FIG. 14 is a second end view of the fastening nut of FIG. 8.
 Any portion of the fastening nut shown in broken lines is included for the purpose of illustrating environment and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,959,620 A	5/1934	Eveno
2,367,480 A	1/1945	Beswick
2,690,201 A	9/1954	Fineran
3,254,363 A	6/1966	Watson
3,381,732 A	5/1968	Engelmann

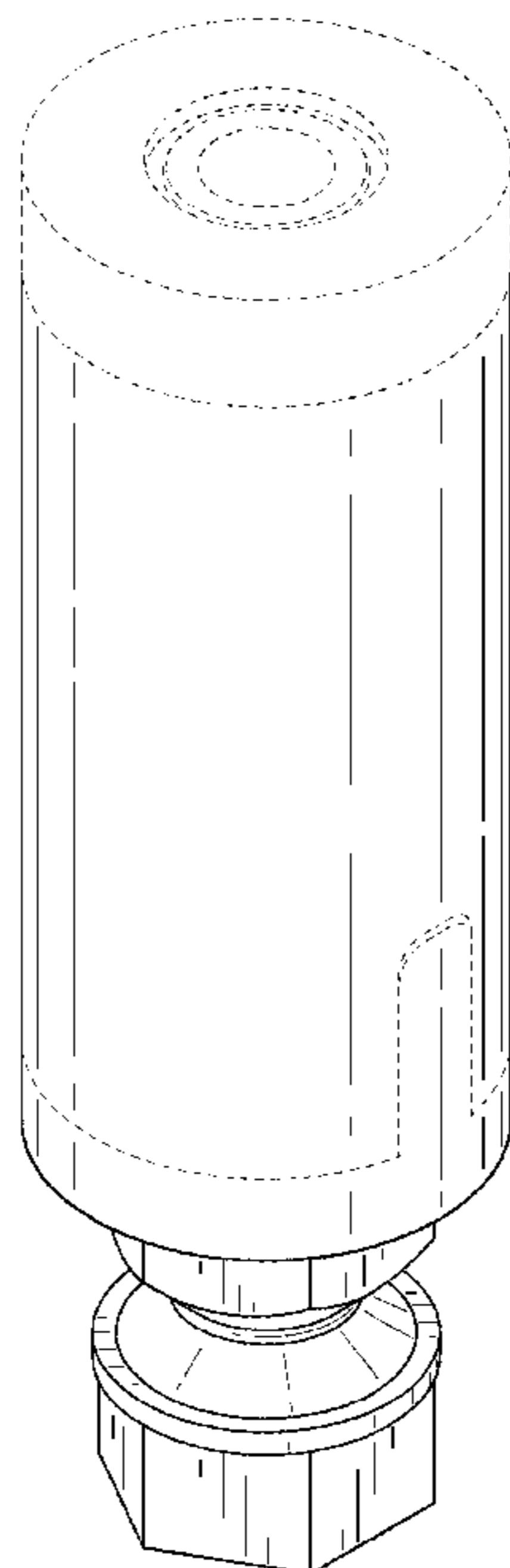
(Continued)

FOREIGN PATENT DOCUMENTS

DE	202017001316 U1	7/2017
EP	0770186 B1	9/1998

(Continued)

1 Claim, 12 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,570,021 A 3/1971 Watson
 3,878,757 A 4/1975 Puklus, Jr.
 4,378,187 A 3/1983 Fullerton
 4,467,481 A 8/1984 Ginsburg
 1,495,547 A 1/1985 Stoverock
 4,618,300 A 10/1986 Goebel
 D294,219 S 2/1988 Hamatani
 4,832,551 A 5/1989 Wollar
 4,890,964 A 1/1990 Lindley et al.
 5,118,237 A 6/1992 Wright
 5,139,381 A 8/1992 Lubreski et al.
 5,168,781 A * 12/1992 Tenuta B25B 13/06
 81/121.1
 5,292,217 A 3/1994 Korpi
 5,320,466 A 6/1994 Suzuki
 5,362,187 A 11/1994 Scalise
 5,503,374 A 4/1996 Hellon
 5,511,919 A 4/1996 Scalise
 D415,016 S 10/1999 Murguia
 5,992,272 A * 11/1999 Fortner B25B 23/0057
 81/121.1
 6,089,807 A 7/2000 Larsson
 6,974,291 B2 12/2005 Li
 7,165,482 B2 * 1/2007 Shapoval B25B 15/007
 411/406
 7,338,242 B2 3/2008 Ellis et al.
 D627,039 S * 11/2010 Yu D23/260
 D645,382 S * 9/2011 Verbowski D12/159
 8,231,318 B2 7/2012 Pitsch et al.
 8,540,471 B2 9/2013 Dvorak
 8,696,280 B2 4/2014 Orange et al.
 D715,612 S * 10/2014 Halstead D8/29
 9,107,548 B2 * 8/2015 Hand F16B 31/021
 9,194,421 B2 11/2015 Limatoc
 9,222,245 B2 12/2015 Ye et al.
 9,316,245 B2 4/2016 Dvorak
 9,592,592 B2 * 3/2017 Prunean B25B 23/00
 9,635,987 B2 5/2017 Hand et al.
 D789,781 S * 6/2017 Johnson D8/397
 D792,201 S * 7/2017 Baiz D8/387
 9,986,878 B2 6/2018 Stelter et al.
 10,184,508 B2 1/2019 Limatoc
 10,300,588 B2 * 5/2019 Pauba B25B 27/02
 10,323,679 B2 6/2019 Limatoc
 10,337,185 B2 7/2019 Espinosa
 10,537,982 B2 * 1/2020 Prunean B25B 21/007
 D874,245 S * 2/2020 Whited D8/397
 D890,604 S * 7/2020 Kirkpatrick D8/397
 D905,546 S * 12/2020 Liebelt D8/382
 D915,175 S * 4/2021 Buckley D8/382

D923,467 S * 6/2021 Buffalo D8/397
 D927,275 S * 8/2021 Davis D8/29
 D931,718 S * 9/2021 Edland D8/382
 D942,845 S * 2/2022 Lacono D8/382
 2005/0051596 A1 * 3/2005 Estes B25B 31/00
 227/139
 2006/0065693 A1 * 3/2006 Eklund B25C 7/00
 227/147
 2008/0008556 A1 1/2008 Dvorak
 2008/0014049 A1 1/2008 Dvorak
 2012/0210546 A1 * 8/2012 Jang A63H 33/101
 24/615
 2012/0230796 A1 * 9/2012 McClure F16B 19/109
 411/80.1
 2014/0186134 A1 7/2014 Lin
 2015/0273463 A1 * 10/2015 Motadel B01L 3/0275
 73/864.01
 2016/0363156 A1 12/2016 Yonker et al.
 2017/0036329 A1 * 2/2017 Santamarina B23B 31/1074
 2018/0263438 A1 9/2018 Verchick
 2019/0000285 A1 1/2019 Xu
 2019/0078607 A1 3/2019 Quinn et al.
 2019/0208969 A1 7/2019 Laundre
 2019/0316626 A1 10/2019 Limatoc
 2020/0141440 A1 * 5/2020 Liebelt F16B 21/086
 2020/0217345 A1 * 7/2020 Liebelt F16B 19/1081
 2020/0246152 A1 * 8/2020 Marlow A61F 2/3859
 2020/0249407 A1 * 8/2020 Aznag G02B 6/4444
 2021/0251441 A1 * 8/2021 Henne A47K 13/12
 2021/0259485 A1 * 8/2021 Garcia A47K 13/26

FOREIGN PATENT DOCUMENTS

WO 8801024 A1 2/1988
 WO 2007024144 A1 3/2007
 WO 2014087131 A1 6/2014

OTHER PUBLICATIONS

Kohler, "Install a Toilet Seat with Quick Attach Hardware," <<https://support.kohler.com/hc/en-us/articles/360001922614-Install-a-Toilet-Seat-with-Quick-Attach-Hardware>> webpage publicly available prior to Feb. 17, 2020.
 Design U.S. Appl. No. 29/724,691 by Jonathan Arndt et al., filed Feb. 18, 2020 (17 pages including cover page).
 Provisional U.S. Appl. No. 62/978,113 by Brian Henne et al., filed Feb. 18, 2020 (16 pages including cover page).
 U.S. Appl. No. 17/177,406 by Brian Henne et al., filed Feb. 17, 2021, claiming priority to Provisional U.S. Appl. No. 62/978,113, filed Feb. 18, 2020 (34 pages including cover page).

* cited by examiner

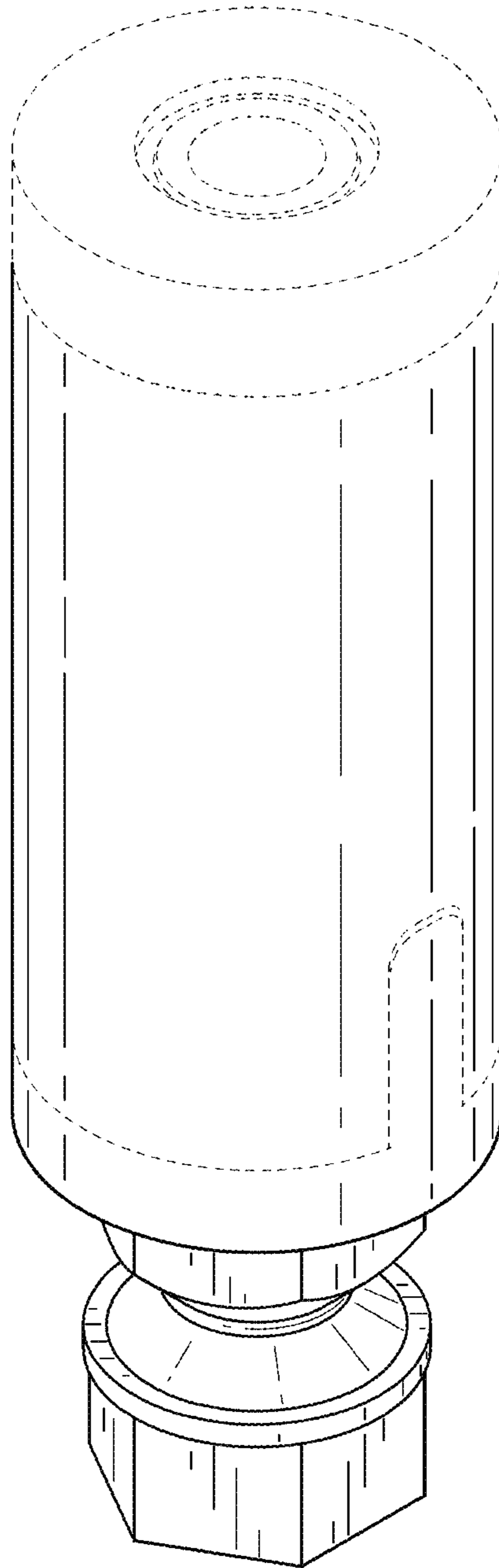


FIG. 1

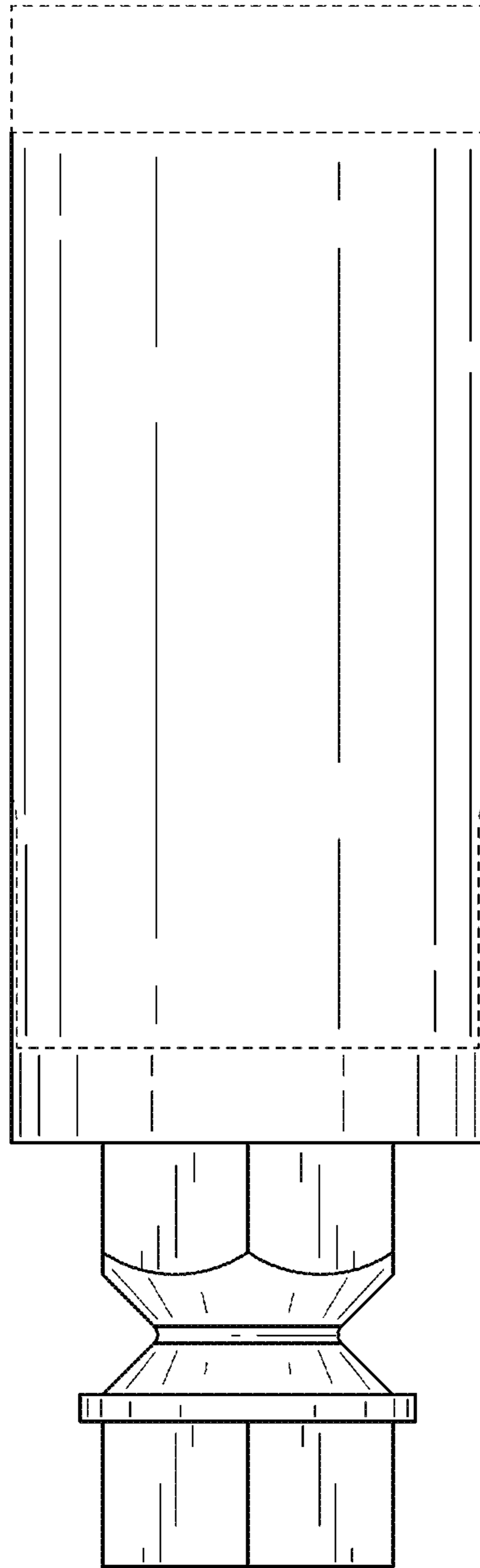


FIG. 2

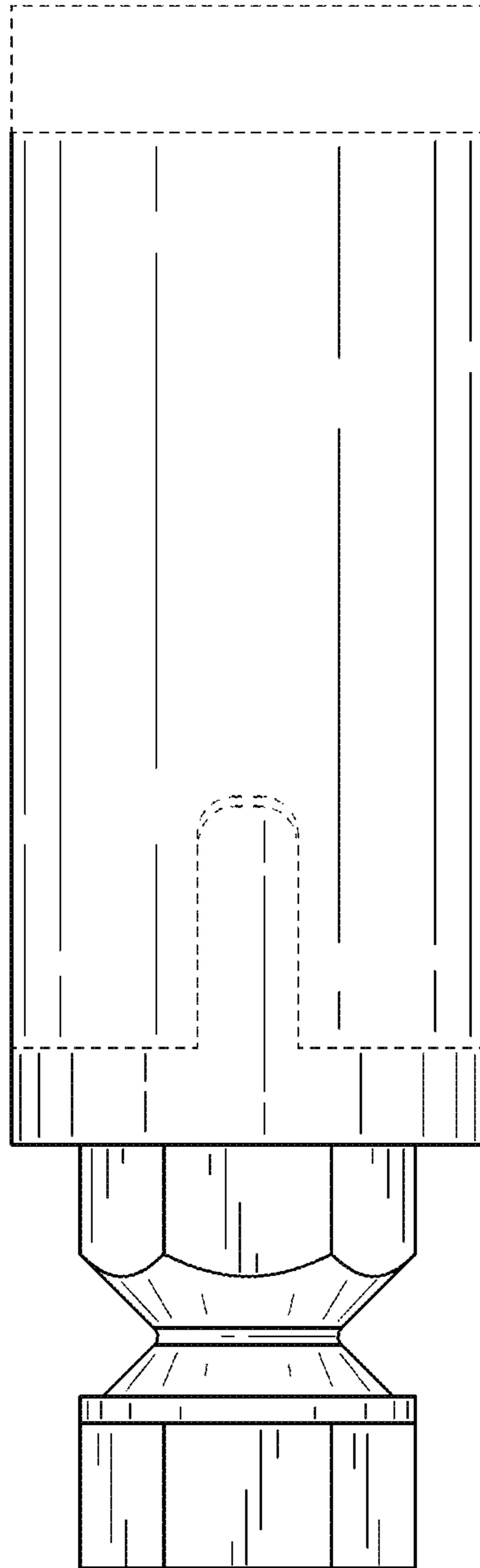


FIG. 3

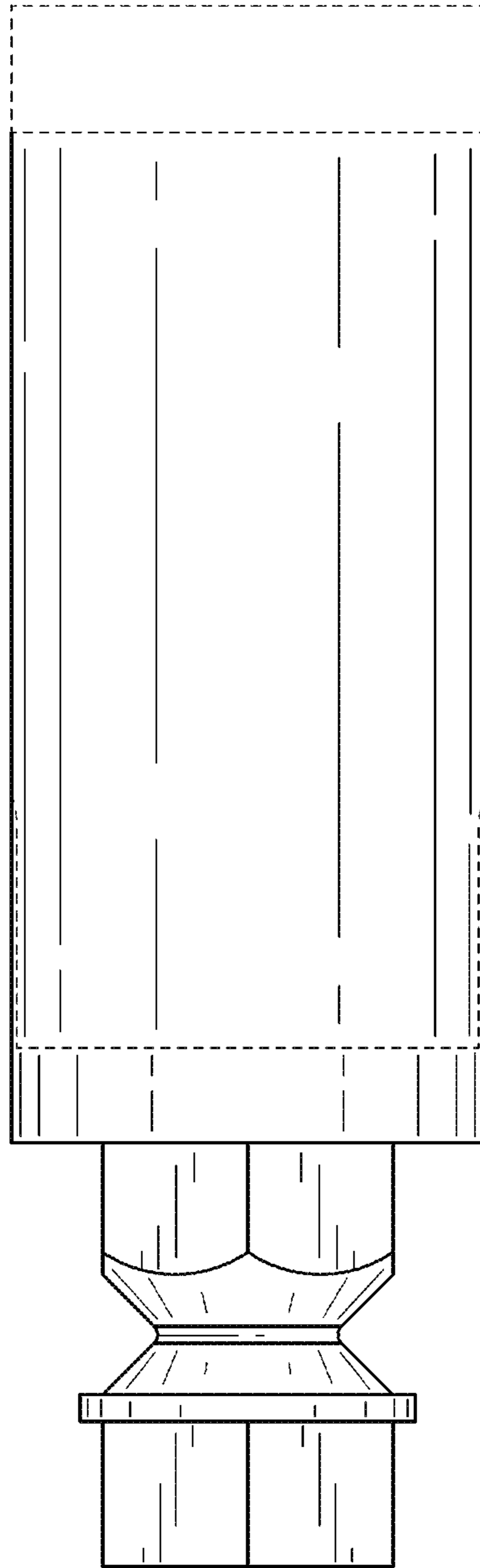


FIG. 4

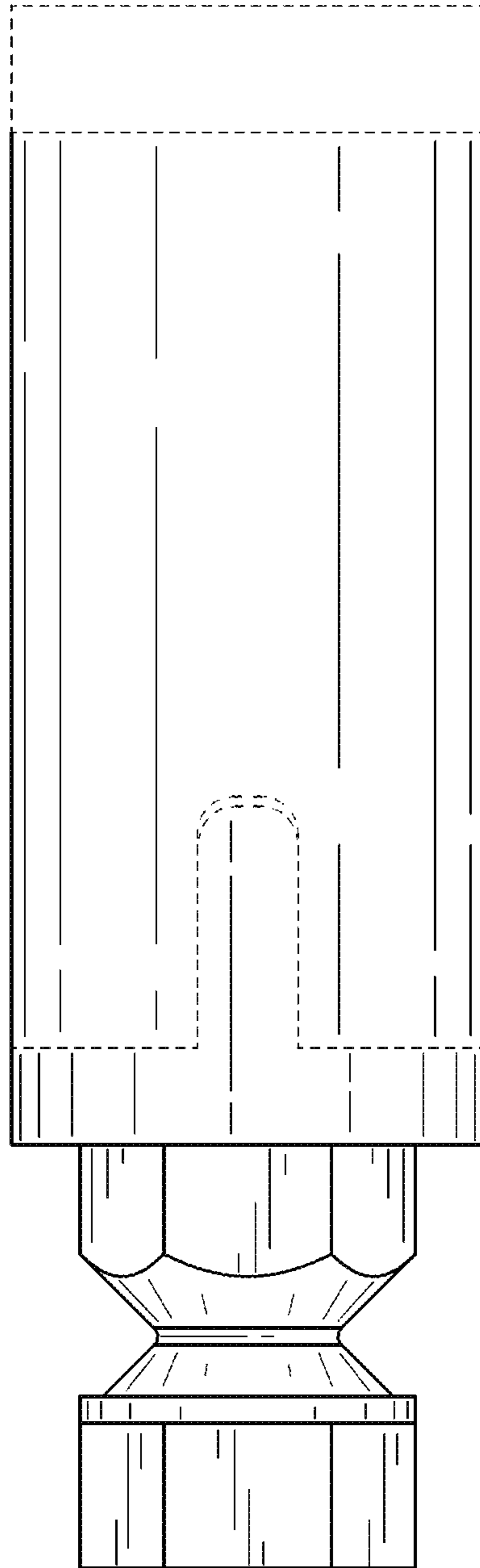


FIG. 5

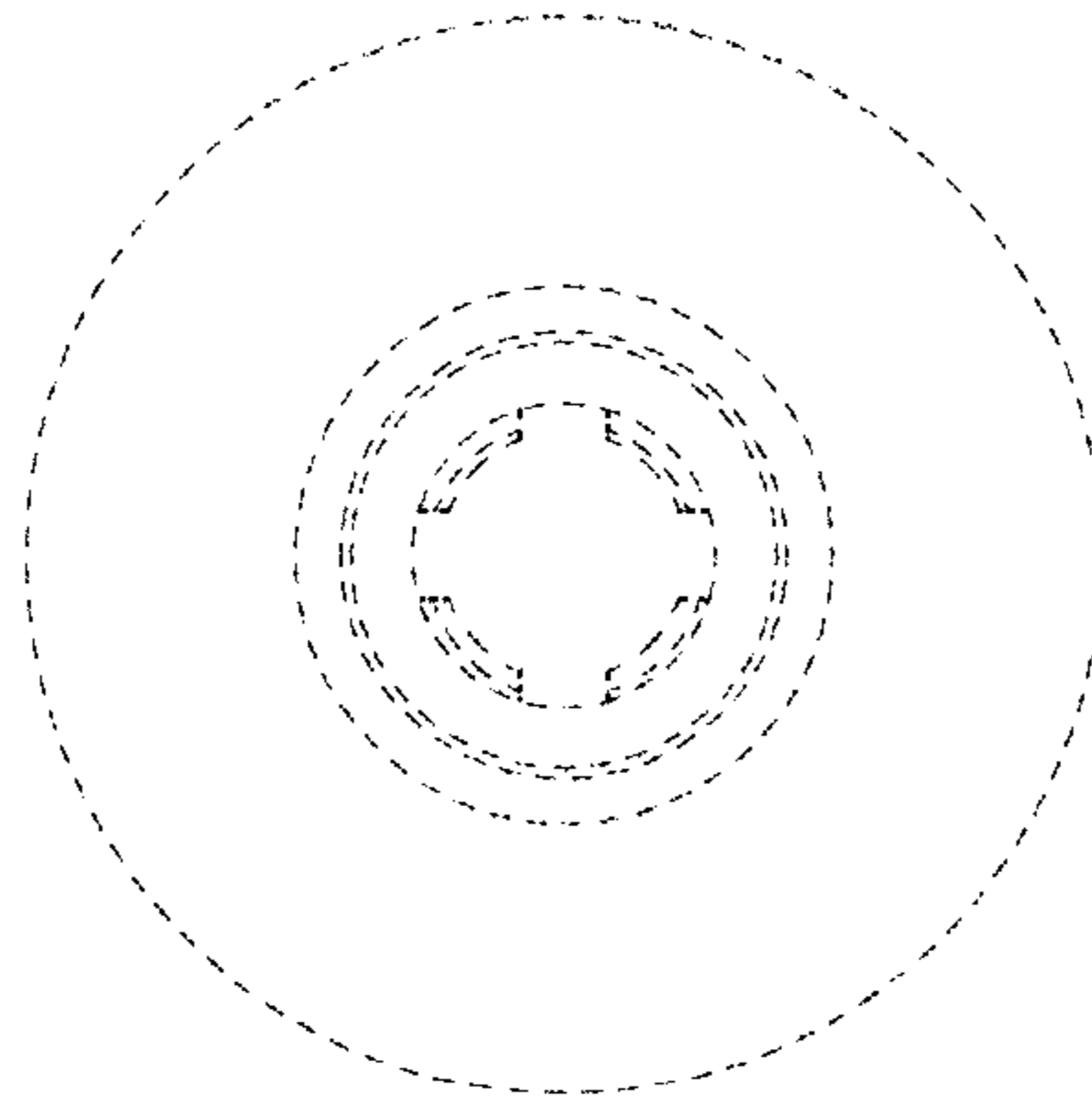


FIG. 6

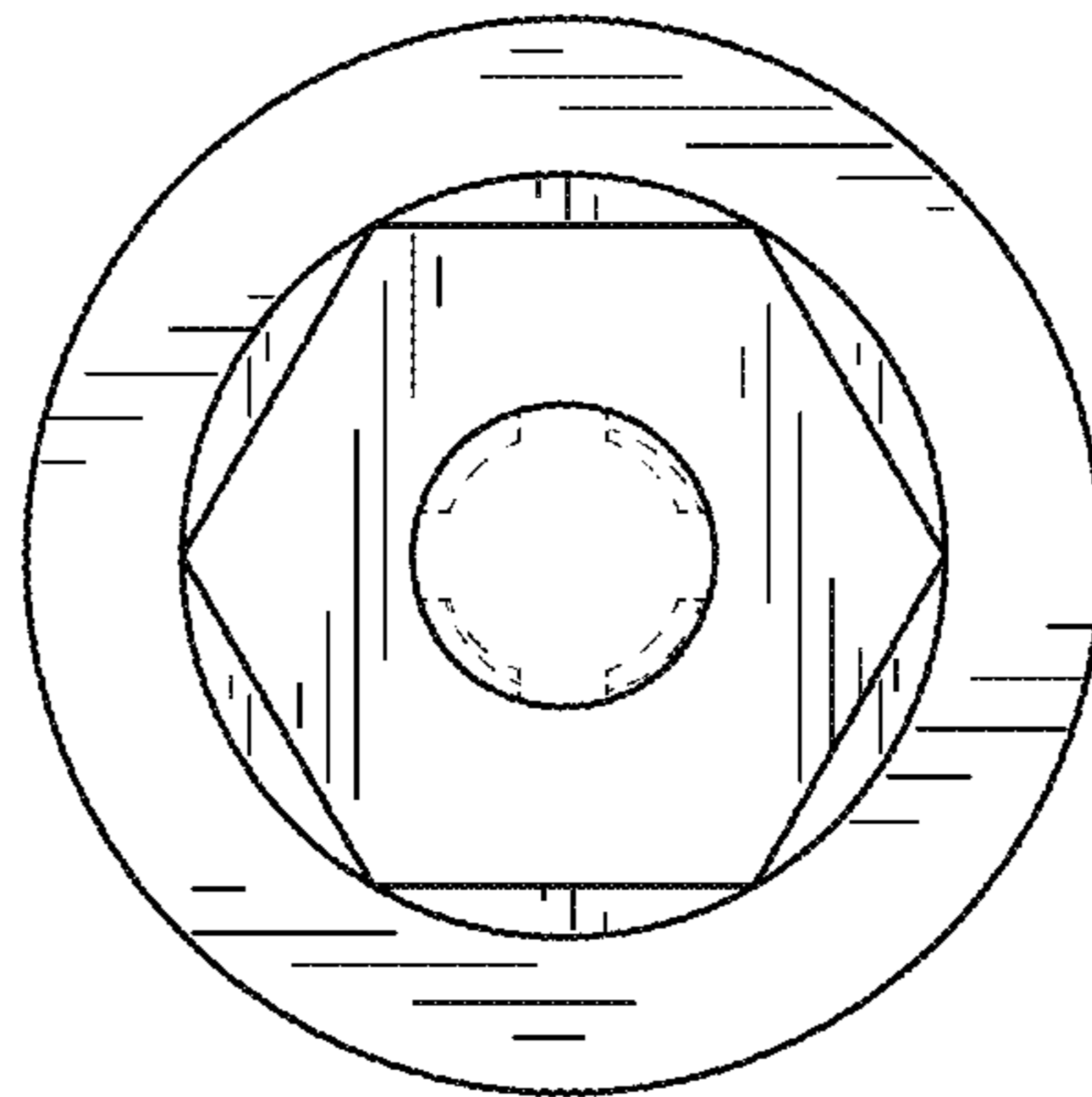


FIG. 7

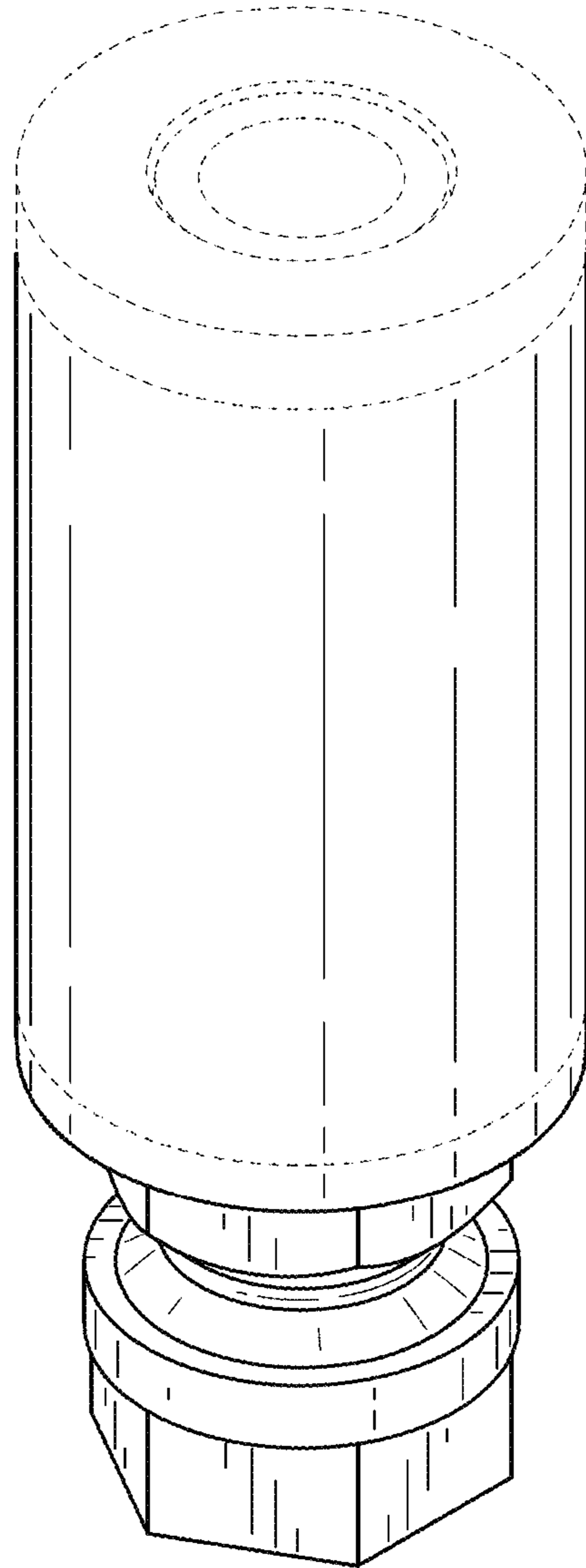


FIG. 8

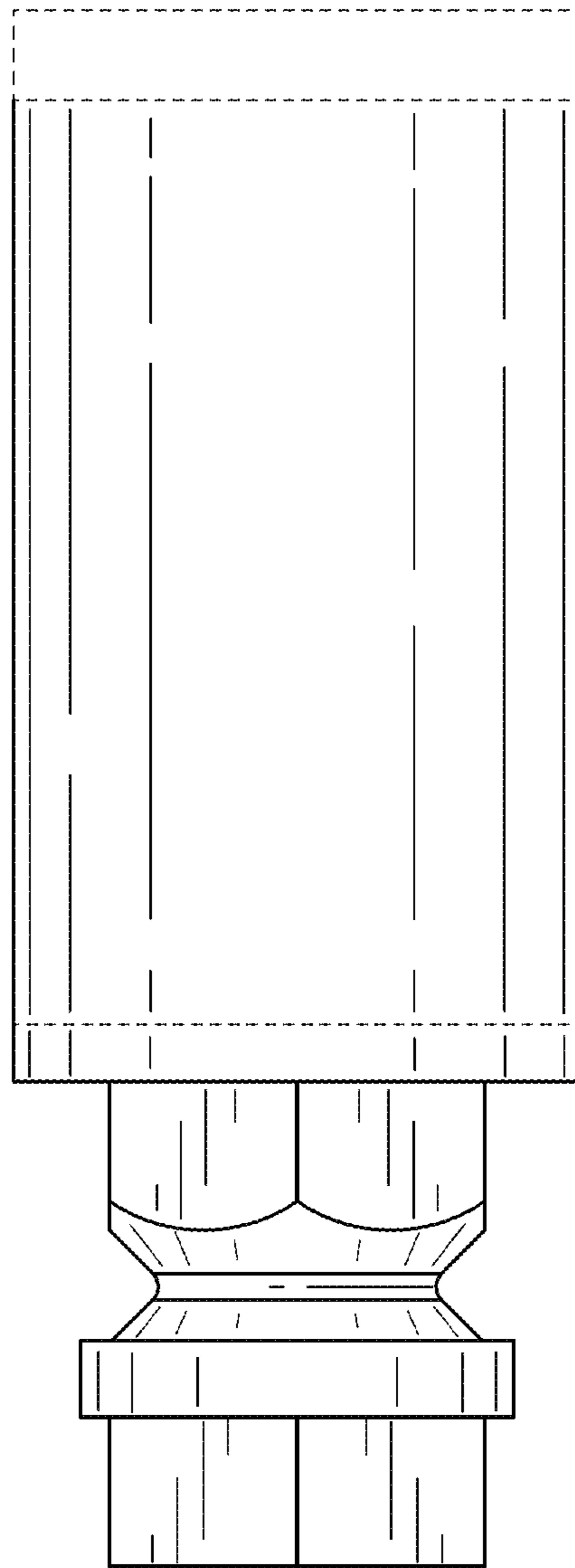


FIG. 9

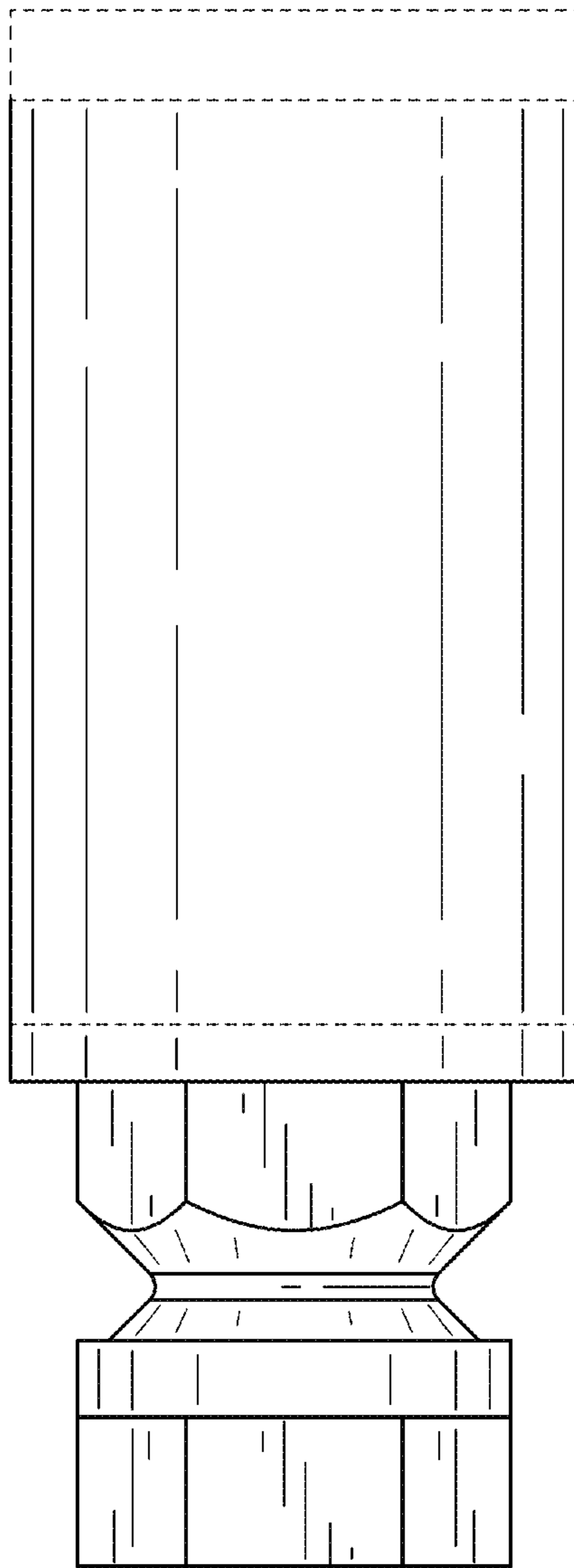


FIG. 10

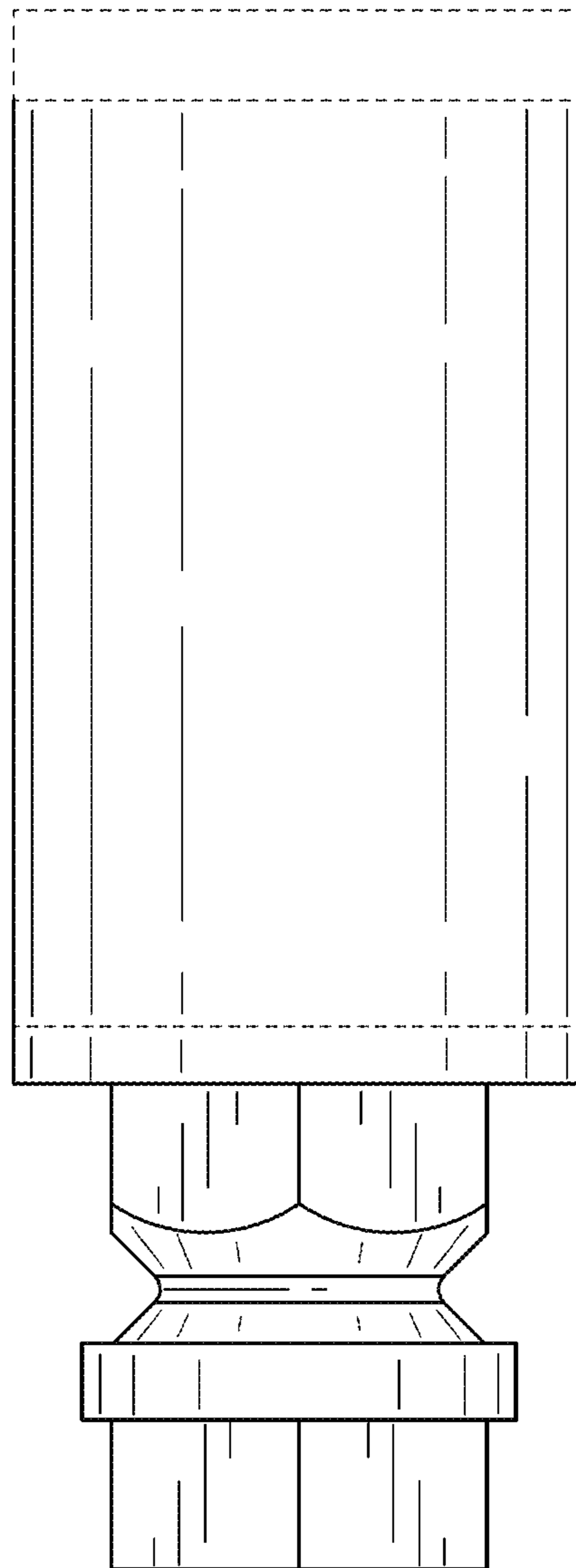


FIG. 11

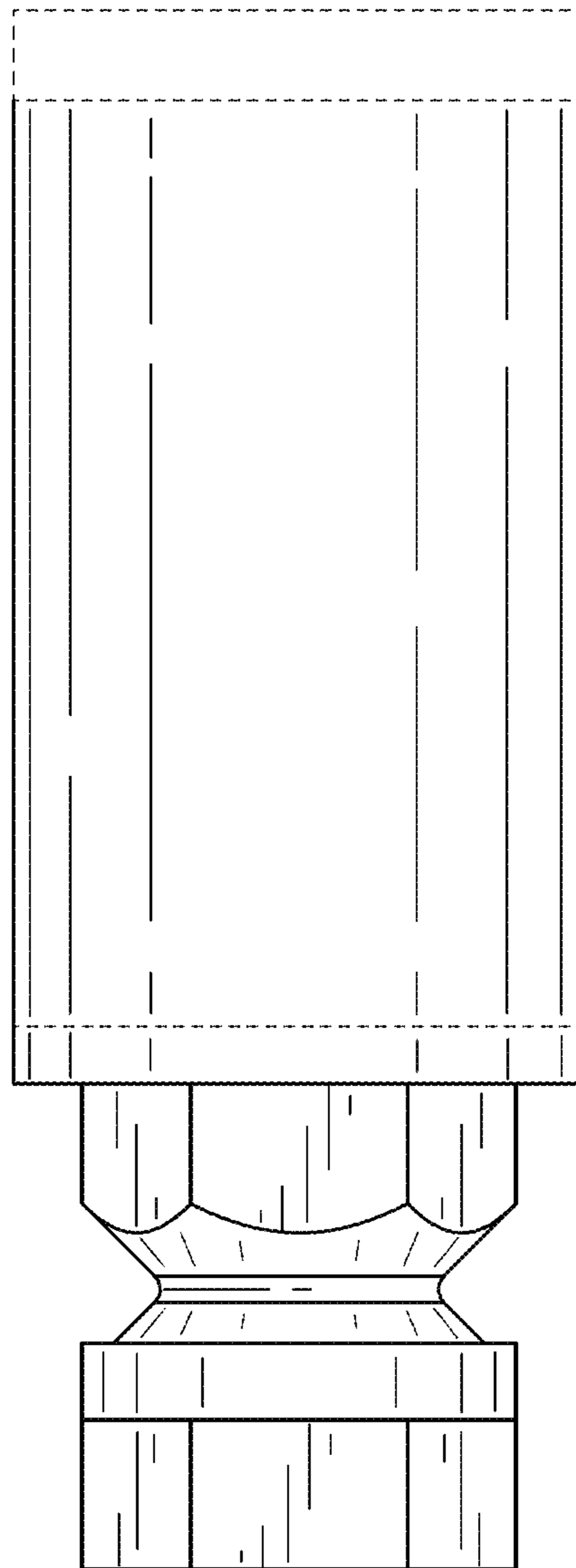


FIG. 12

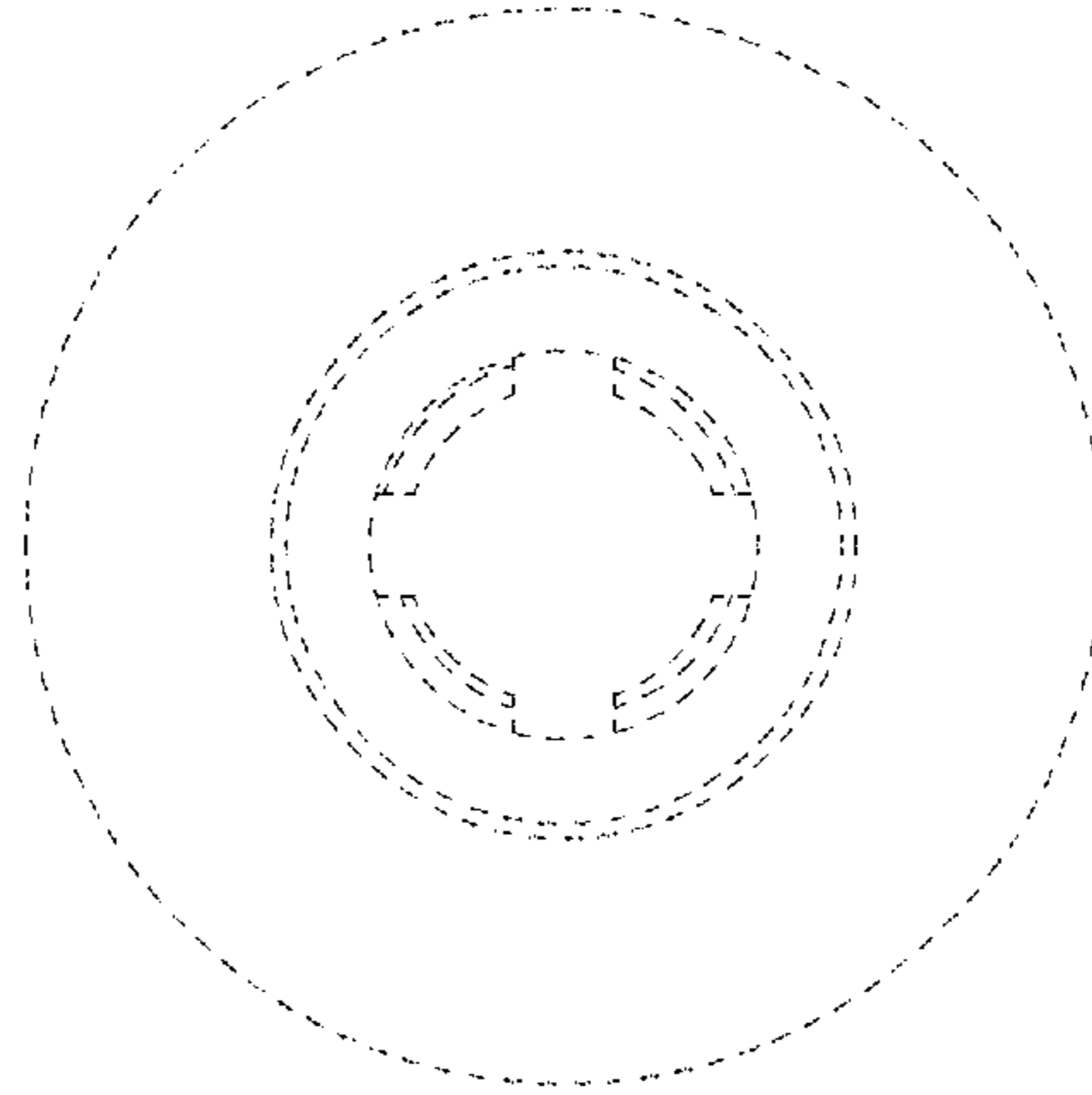


FIG. 13

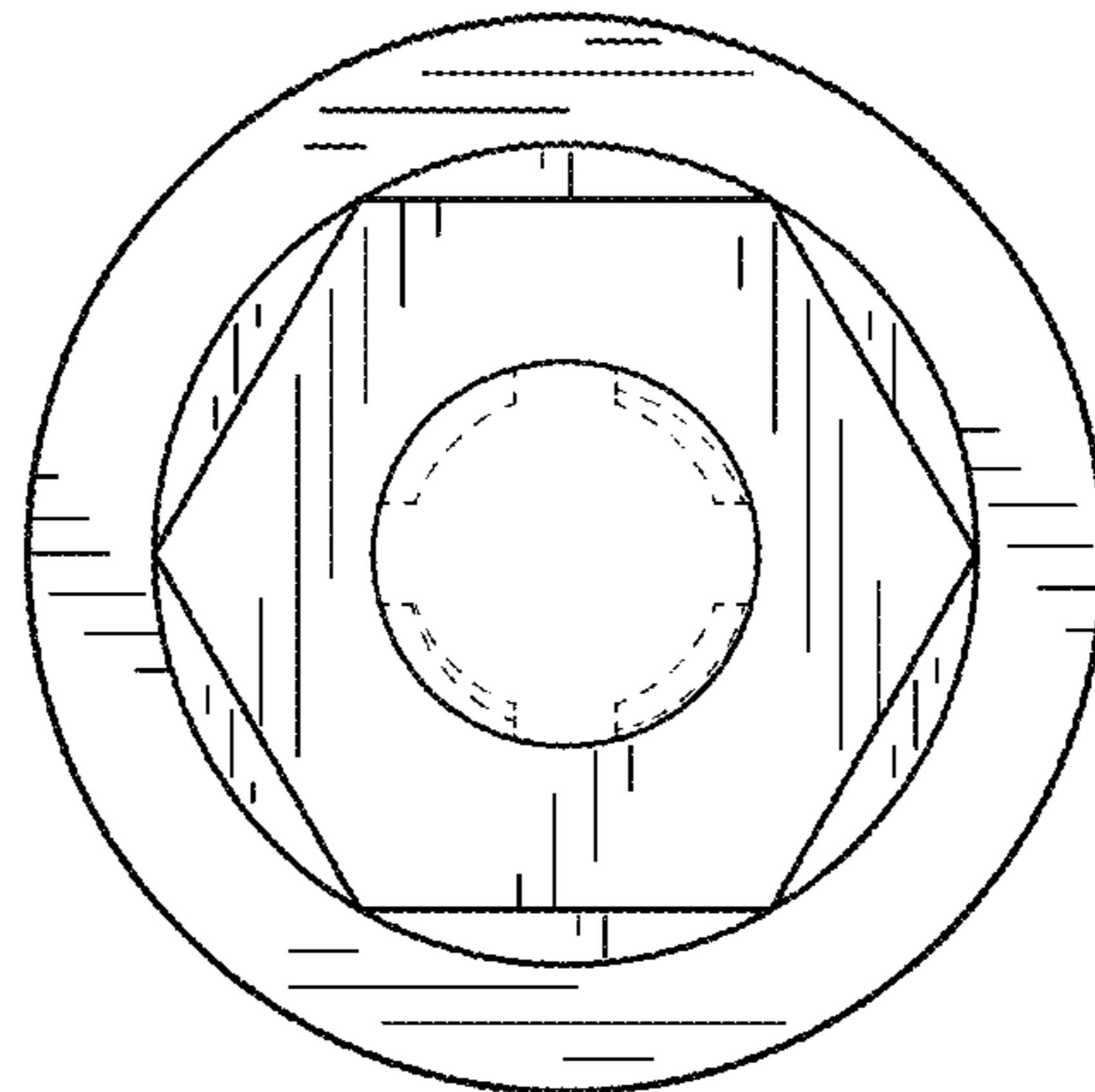


FIG. 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D972,404 S
APPLICATION NO. : 29/766444
DATED : December 13, 2022
INVENTOR(S) : Joseph M. Hand et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

On Page 2,

References Cited

U.S. Patent Documents

Column 1, Line 9, please replace "1,495,547" with --4,495,547--

Signed and Sealed this
Twenty-sixth Day of March, 2024



Katherine Kelly Vidal
Director of the United States Patent and Trademark Office