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(12) **United States Design Patent**  
**Wang**

(10) **Patent No.:** **US D979,357 S**

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- (54) **PLANT WATERING SPIKE**
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- (72) Inventor: **Ting Wang**, Nanyang (CN)
- (73) Assignee: **ZHENPING COUNTY TINGYU TRADE CO., LTD.**, Nanyang (CN)

5,546,697 A \* 8/1996 Lymberis ..... A01G 5/04  
47/55  
5,568,701 A \* 10/1996 Haigler ..... A01G 27/006  
47/79  
D401,124 S 11/1998 Rose  
5,836,106 A \* 11/1998 Alex ..... A01G 27/005  
47/48.5  
D402,862 S \* 12/1998 Rose ..... D8/1  
D403,930 S \* 1/1999 Gotoh ..... D8/1  
6,112,456 A \* 9/2000 Rummins ..... A01G 27/006  
47/48.5

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

(Continued)

(21) Appl. No.: **29/858,024**

**OTHER PUBLICATIONS**

(22) Filed: **Oct. 27, 2022**

Topsome Self Watering Spikes, Plant Watering Stakes Spikes Plant Waterer, Terracotta Automatic Watering Devices Wine Bottle Stakes for Indoor and Outdoor Garden Plants in Vacation, 6 Pack; Top-some; Amazon.ca; Apr. 2, 2020; Accessed Jan. 10, 2023; URL <<https://www.amazon.ca/dp/B083Q18XFM/>> (Year: 2020).\*

(51) **LOC (14) Cl.** ..... **08-01**

(52) **U.S. Cl.**  
USPC ..... **D8/1**

(58) **Field of Classification Search**  
USPC ..... D8/1, 2; D23/213  
CPC ..... A01G 29/00  
See application file for complete search history.

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(56) **References Cited**

(57) **CLAIM**

**U.S. PATENT DOCUMENTS**

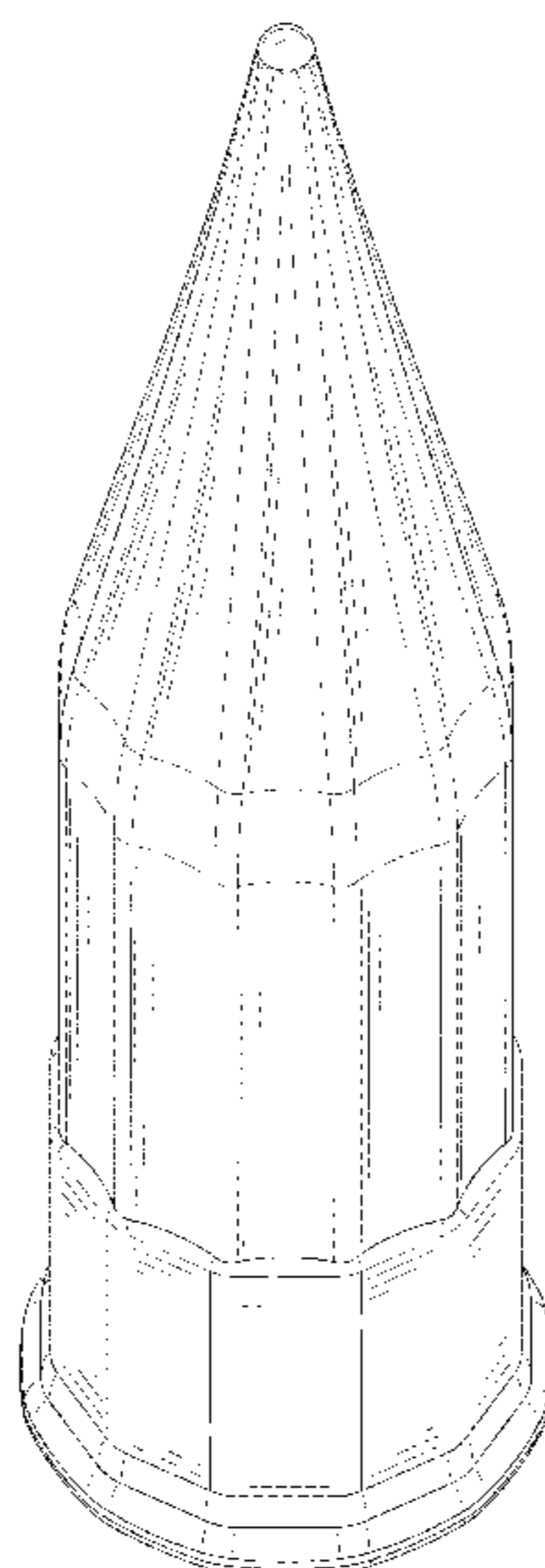
The ornamental design for a plant watering spike, as shown and described.

- 73,442 A \* 1/1868 Fish ..... A01G 29/00  
47/48.5
- 349,874 A \* 9/1886 Buhner ..... A01G 29/00  
405/43
- 718,380 A \* 1/1903 Patterson ..... A01G 29/00  
47/48.5
- 1,791,873 A \* 2/1931 Neiman ..... A01G 27/006  
47/48.5
- 1,948,117 A \* 2/1934 Kadow ..... A01G 21/00  
71/64.13
- 4,361,983 A \* 12/1982 Wilson ..... A01G 25/00  
47/9
- 4,578,897 A \* 4/1986 Pazar ..... A01G 27/006  
47/79
- D330,066 S \* 10/1992 Macon, III ..... D23/213
- 5,259,142 A \* 11/1993 Sax ..... A01G 27/006  
47/79

**DESCRIPTION**

FIG. 1 is a perspective view of a plant watering spike showing my new design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is another perspective view thereof  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a rear elevational view thereof;  
FIG. 6 is a left side elevational view thereof;  
FIG. 7 is a right side elevational view thereof;  
FIG. 8 is a top plan view thereof; and,  
FIG. 9 is a bottom plan view thereof.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

6,185,866 B1 \* 2/2001 Enfaradi ..... A01G 27/006  
47/79  
6,219,963 B1 \* 4/2001 Wang ..... A01G 27/006  
239/38  
D447,921 S \* 9/2001 Beltz ..... A01G 29/00  
D23/213  
D450,549 S \* 11/2001 Burt ..... A01G 27/006  
D8/1  
D456,225 S \* 4/2002 Kohn ..... A01G 21/00  
D8/2  
6,598,338 B2 \* 7/2003 Buss ..... A01G 27/006  
47/48.5  
6,684,563 B2 \* 2/2004 Wu ..... A01G 27/006  
47/48.5  
7,441,369 B1 \* 10/2008 McAtee ..... A01G 29/00  
47/48.5  
7,685,766 B2 \* 3/2010 Amsellem ..... A01G 29/00  
47/48.5

D644,074 S \* 8/2011 Franchini ..... D8/1  
8,127,491 B1 \* 3/2012 Voigt, III ..... A01G 29/00  
47/48.5  
D973,178 S \* 12/2022 Wei ..... A01G 27/04  
D23/213  
D973,839 S \* 12/2022 Wei ..... A01G 27/006  
D23/213  
2001/0023555 A1 \* 9/2001 Buss ..... A01G 29/00  
47/48.5  
2006/0032119 A1 \* 2/2006 Amsellem ..... A01G 27/006  
47/48.5  
2007/0056215 A1 \* 3/2007 Weninger ..... A01G 27/005  
47/79  
2009/0255451 A1 \* 10/2009 Wold ..... A01G 27/006  
111/118  
2016/0014985 A1 \* 1/2016 Phang ..... A01G 27/04  
47/48.5  
2020/0359574 A1 \* 11/2020 Dill ..... A01G 13/0243  
2021/0054603 A1 \* 2/2021 Park ..... A01G 25/00

\* cited by examiner

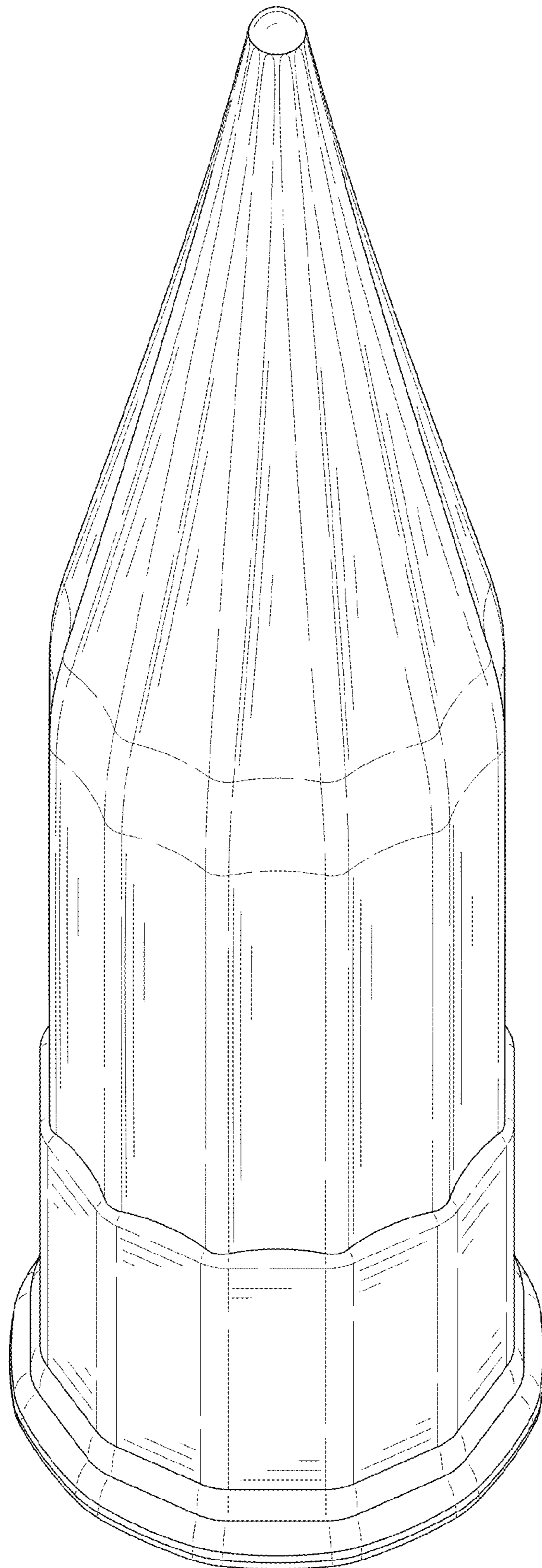


FIG. 1

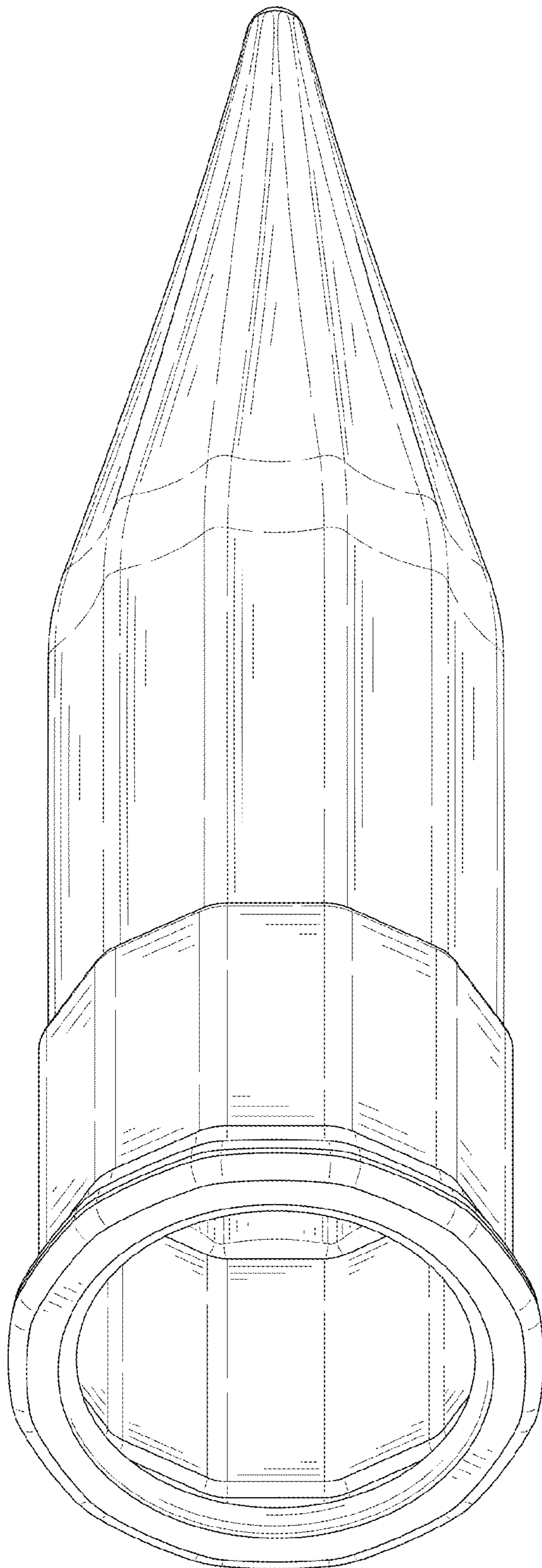


FIG. 2

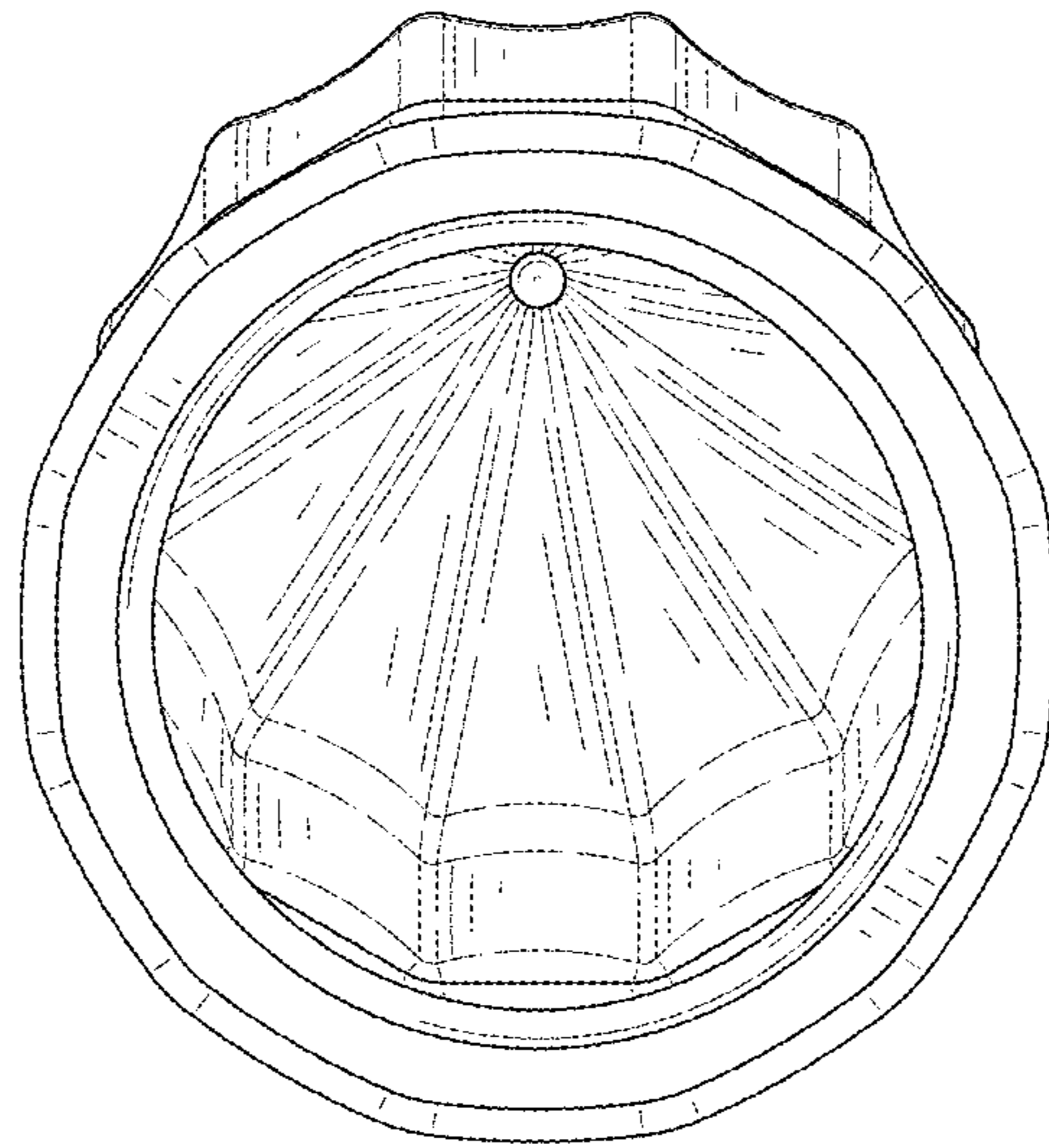


FIG. 3

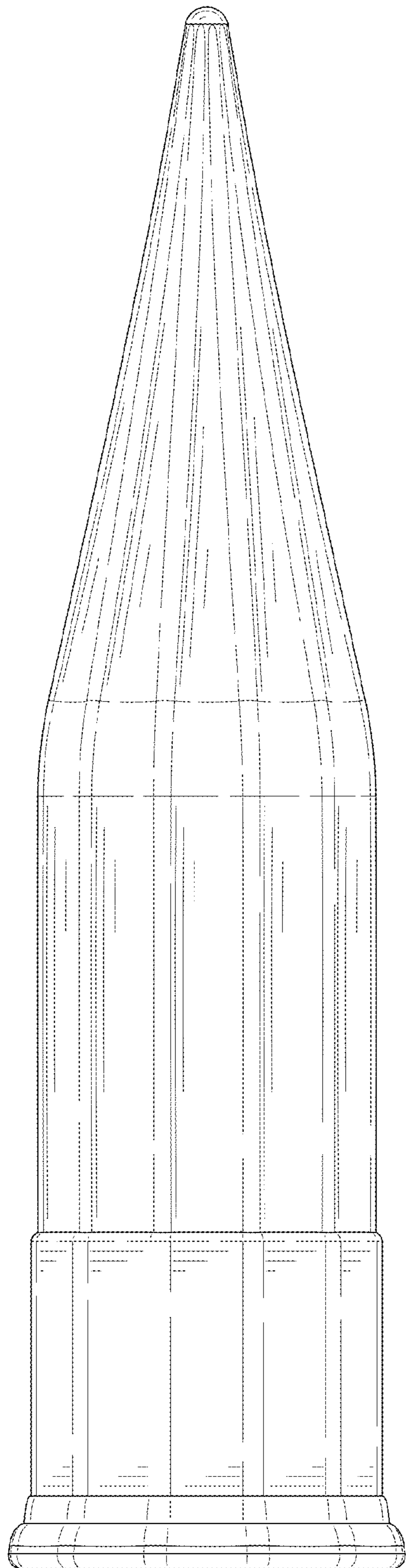


FIG. 4

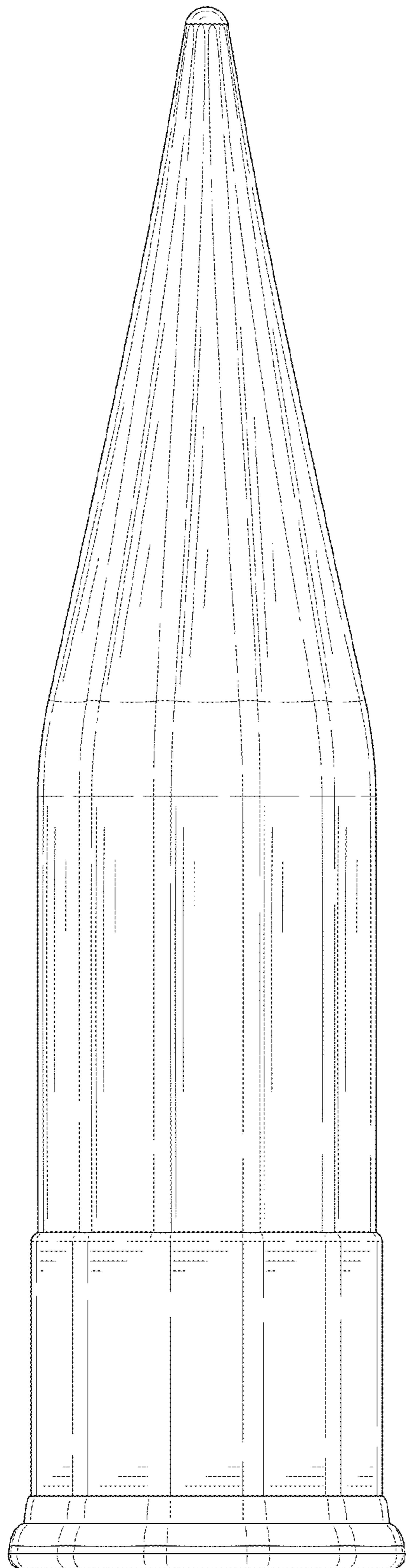


FIG. 5

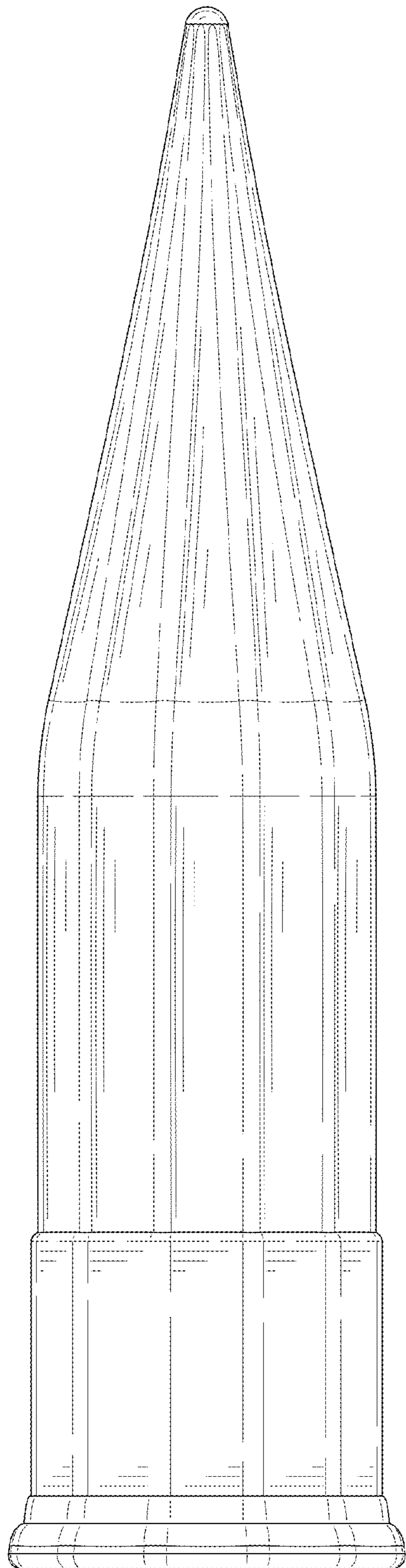


FIG. 6



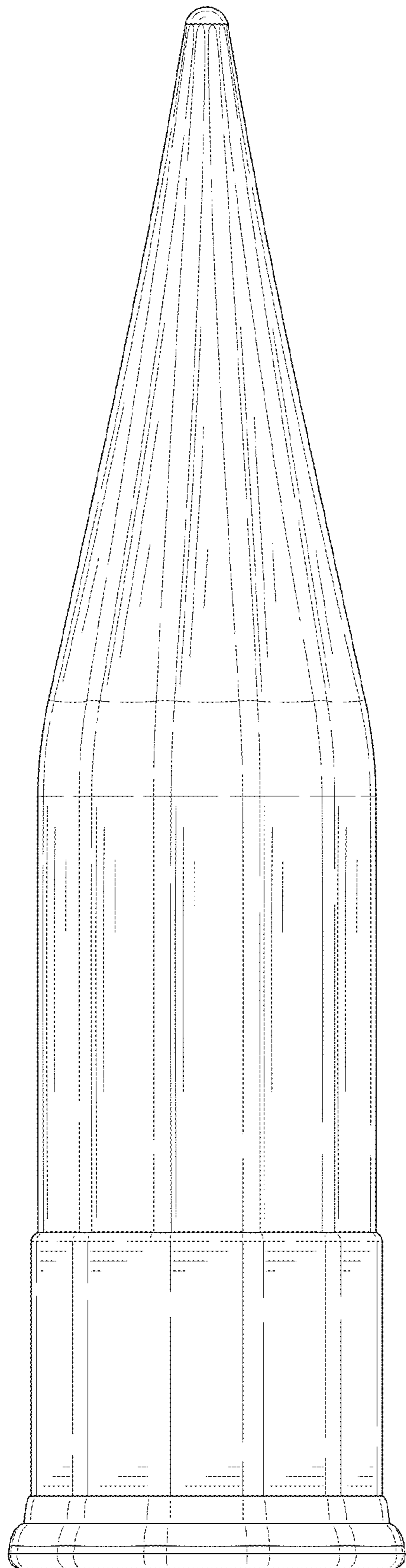


FIG. 7

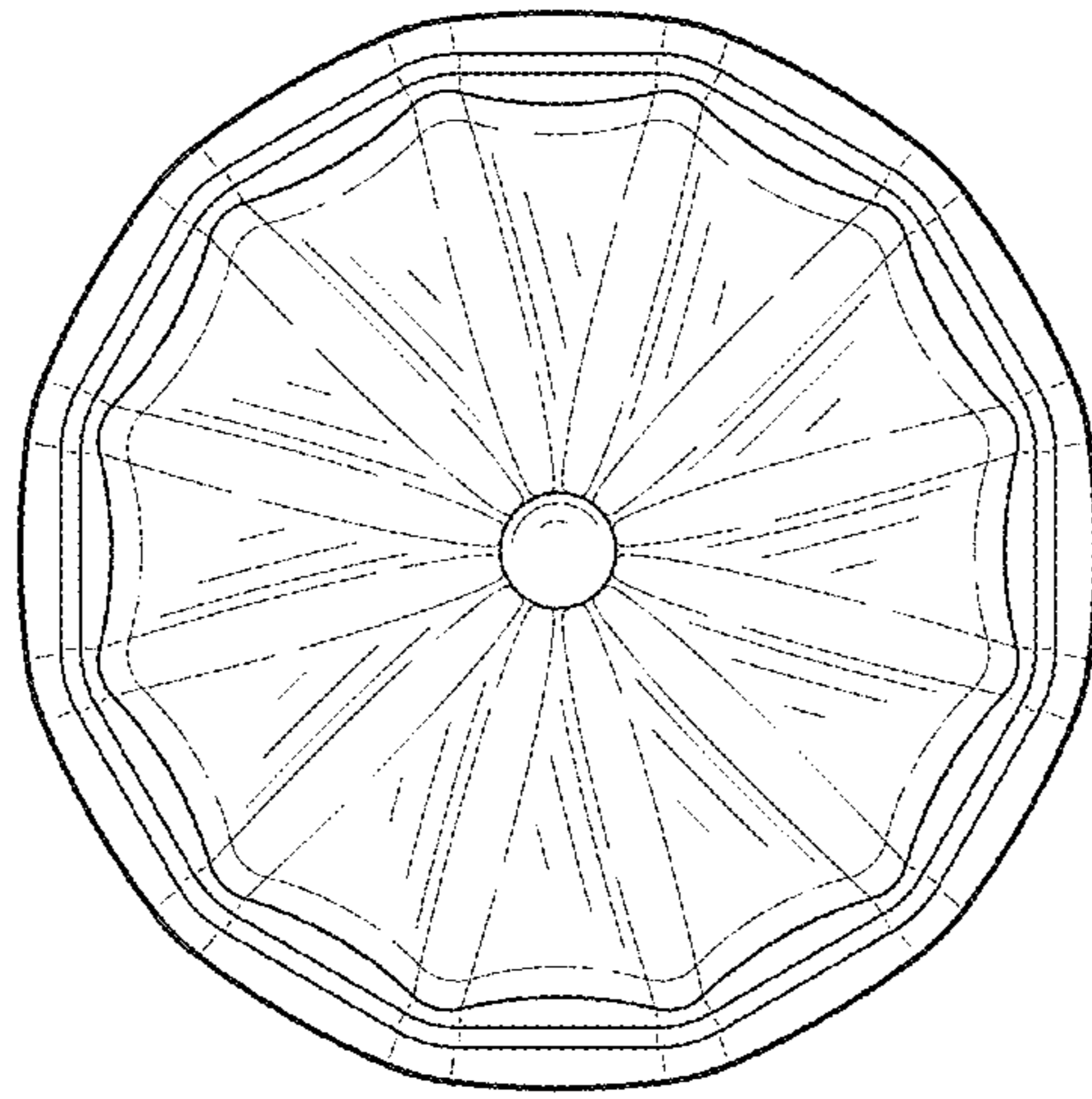


FIG. 8

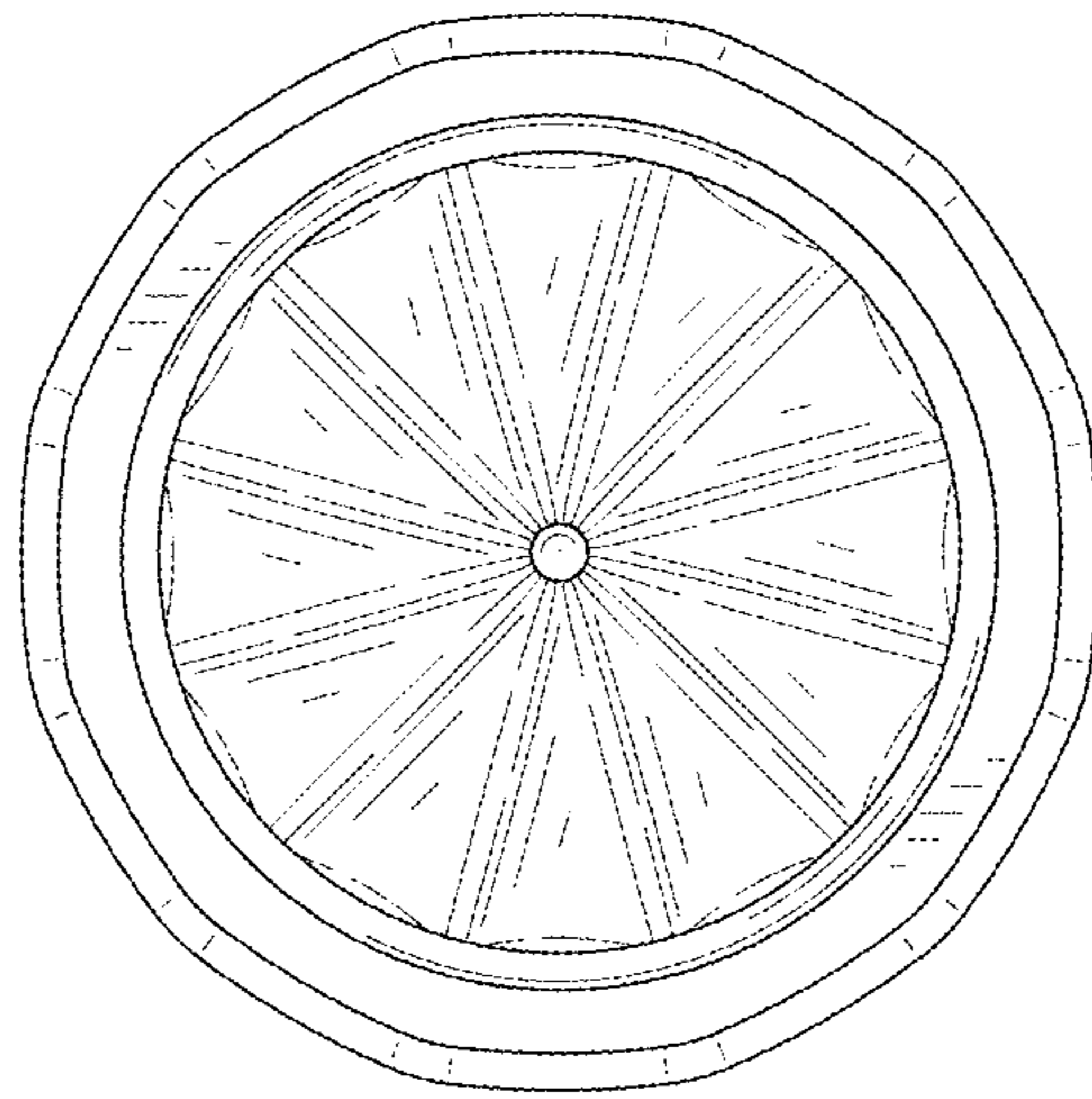


FIG. 9