



US00D884878S

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

(10) **Patent No.:** **US D884,878 S**

(45) **Date of Patent:** **** May 19, 2020**

(54) **HEMORRHOID BANDING DEVICE**

(71) Applicant: **SpaceBander Corporation**,
Hillsborough, NJ (US)

(72) Inventor: **Devjit S. Nayar**, Hoboken, NJ (US)

(73) Assignee: **SpaceBander Corporation**,
Hillsborough, NJ (US)

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

(21) Appl. No.: **29/650,257**

(22) Filed: **Jun. 5, 2018**

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/112**

(58) **Field of Classification Search**
USPC D24/112–114, 108, 130, 127, 133, 186;
606/181, 185, 140; 604/264, 523–528,
604/272, 164.01–164.11, 187, 93.01;
600/101, 139, 143; 128/200.24, 207.14,
128/207.15
CPC A61B 17/12013; A61B 17/12; A61B
2017/12018; A61M 25/00; A61M 39/00;
A61M 27/00; A61M 25/0043; A61M
25/0067; A61M 25/0097; A61F 2/958
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,989,049	A	11/1976	Yoon	
4,548,201	A	10/1985	Yoon	
5,158,563	A	10/1992	Cosman	
5,203,863	A	4/1993	Bidoia	
5,464,412	A	11/1995	Budding	
5,571,115	A	11/1996	Nicholas	
5,741,273	A	4/1998	O'Regan	
5,922,001	A *	7/1999	Yoon	A61B 17/12013 606/139

6,342,052	B1	1/2002	Allende	
6,436,108	B1 *	8/2002	Mears	A61B 17/12013 606/139
6,517,477	B1 *	2/2003	Wendlandt	A61B 1/00156 600/114
6,896,682	B1	5/2005	McClellan	
7,037,314	B2 *	5/2006	Armstrong	A61B 1/31 606/1
7,083,629	B2 *	8/2006	Weller	A61B 17/0482 606/151
7,118,528	B1	10/2006	Piskun	
7,488,333	B2	2/2009	Ghareeb	
7,846,138	B2 *	12/2010	Dann	A61B 17/00234 604/263

(Continued)

Primary Examiner — David G Muller

(74) *Attorney, Agent, or Firm* — Gearhart Law LLC

(57) **CLAIM**

The ornamental design for a hemorrhoid banding device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the hemorrhoid banding device.

FIG. 2 is a top view thereof.

FIG. 3 is a bottom view thereof.

FIG. 4 is a right side view thereof.

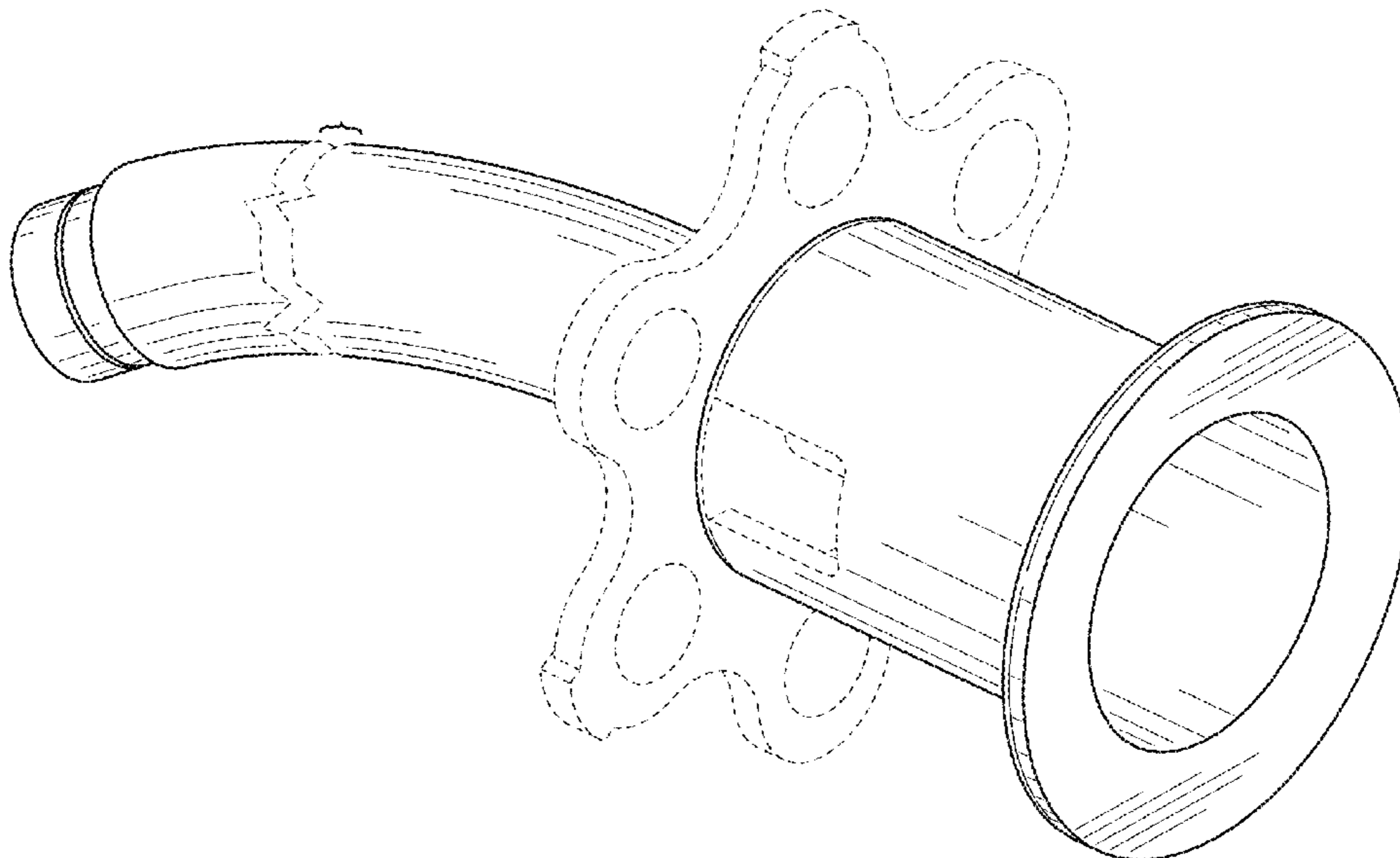
FIG. 5 is a left side view thereof.

FIG. 6 is a back view of thereof; and,

FIG. 7 is a front view of thereof.

The hemorrhoid banding device is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design. Further, as shown in FIG. 2, there is a dot-dash boundary line present on the surface visible through the top opening in FIG. 2. The surface within the circular boundary line is not claimed and forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,918,227 B1 * 4/2011 Phythyon A61M 16/04
128/204.18
8,262,677 B2 9/2012 Goto
8,591,525 B2 11/2013 Ikeda
8,647,352 B2 2/2014 Noda et al.
8,728,094 B2 * 5/2014 Roorda A61B 17/0401
606/139
8,974,474 B2 * 3/2015 Kamler A61B 17/12013
606/140
9,782,177 B2 * 10/2017 Su A61B 17/12013
D810,928 S * 2/2018 Teufel D24/112
D818,115 S * 5/2018 Teufel D24/112
D818,116 S * 5/2018 Teufel D24/112
2006/0259041 A1 11/2006 Hoffman
2009/0105728 A1 4/2009 Noda et al.
2010/0063517 A1 3/2010 Cleator
2012/0010633 A1 1/2012 Noda et al.
2012/0059394 A1 3/2012 Brenner
2013/0226198 A1 8/2013 Kamler
2014/0121679 A1 5/2014 Cleator

* cited by examiner

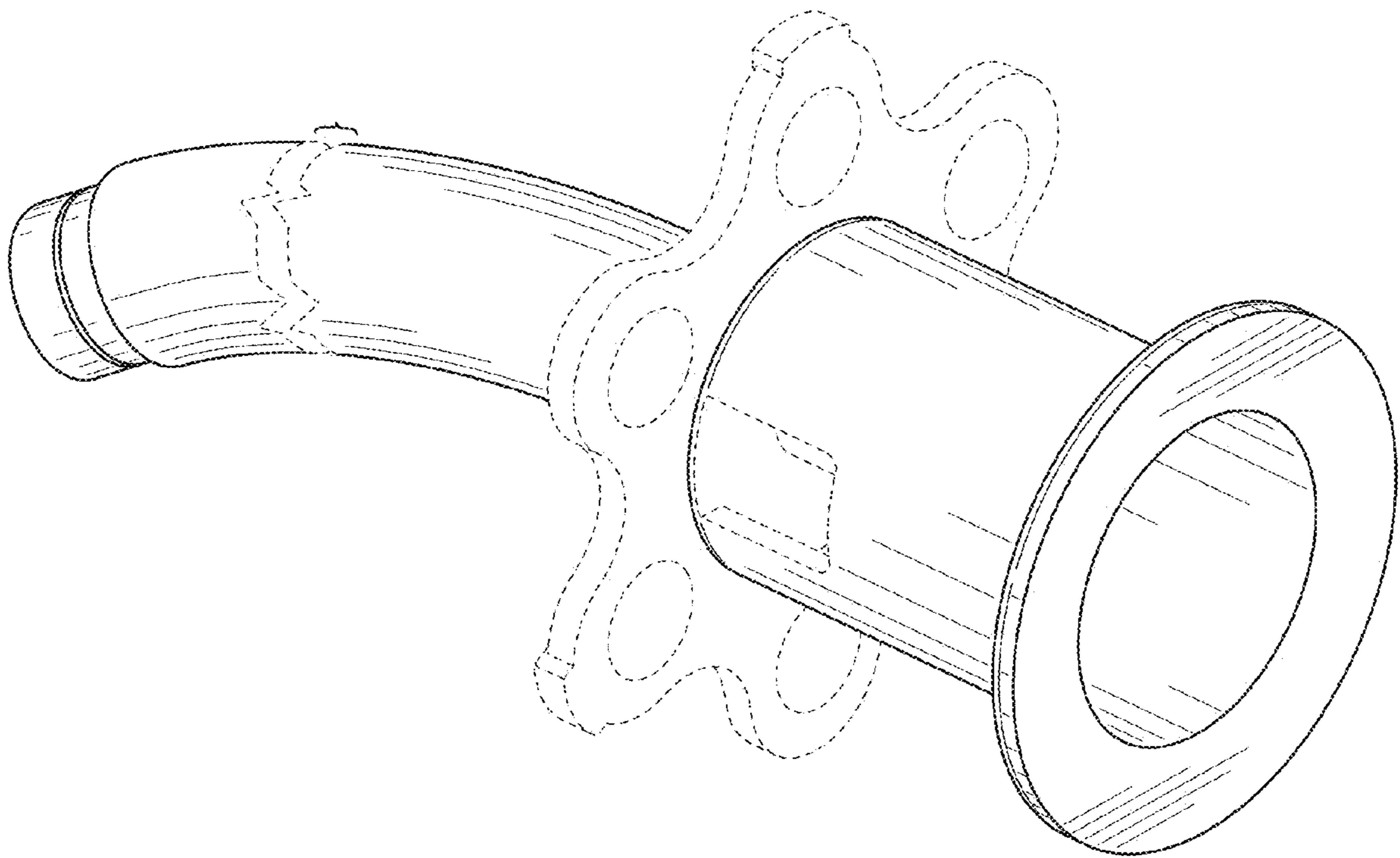


FIG. 1

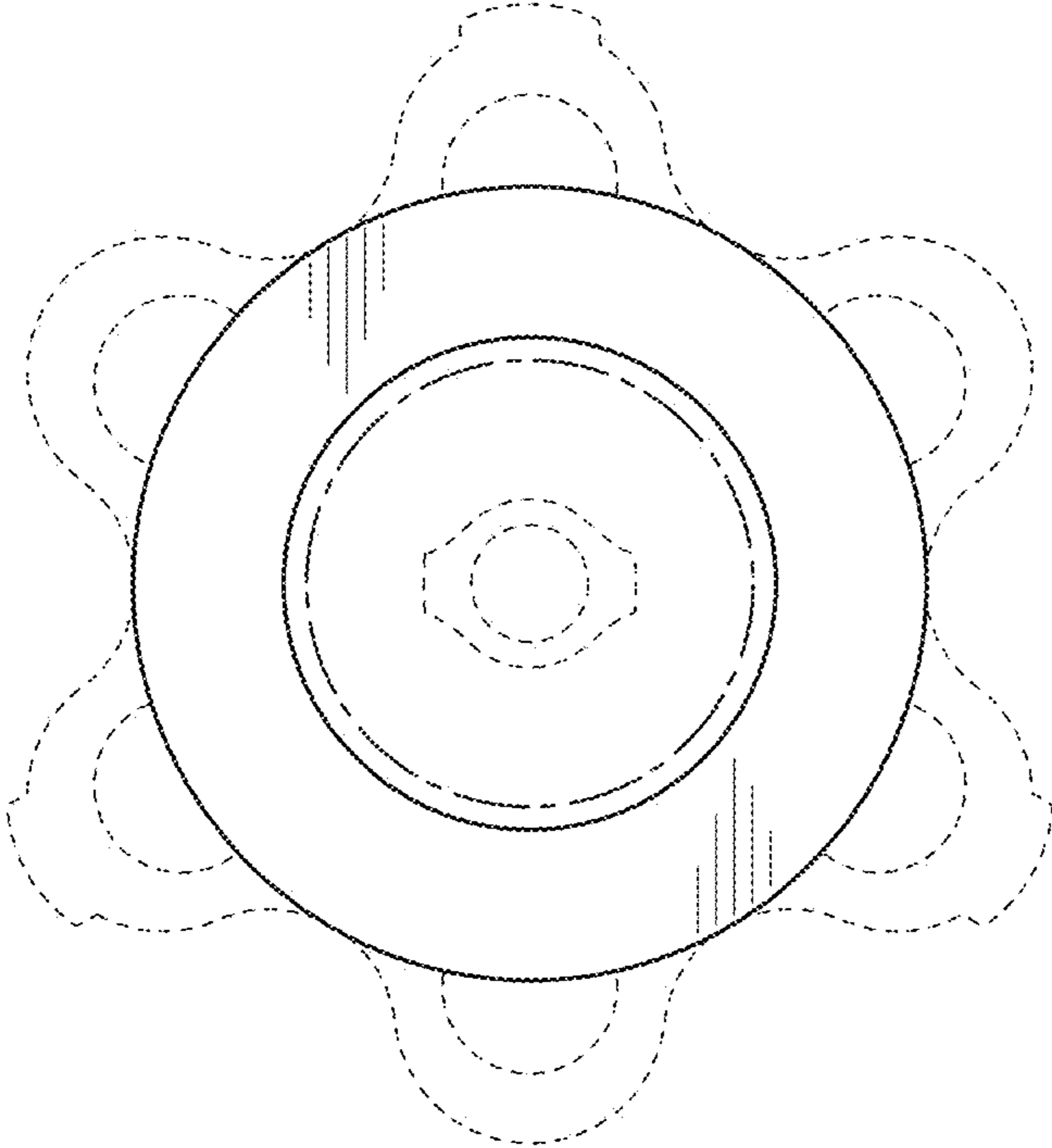


FIG. 2

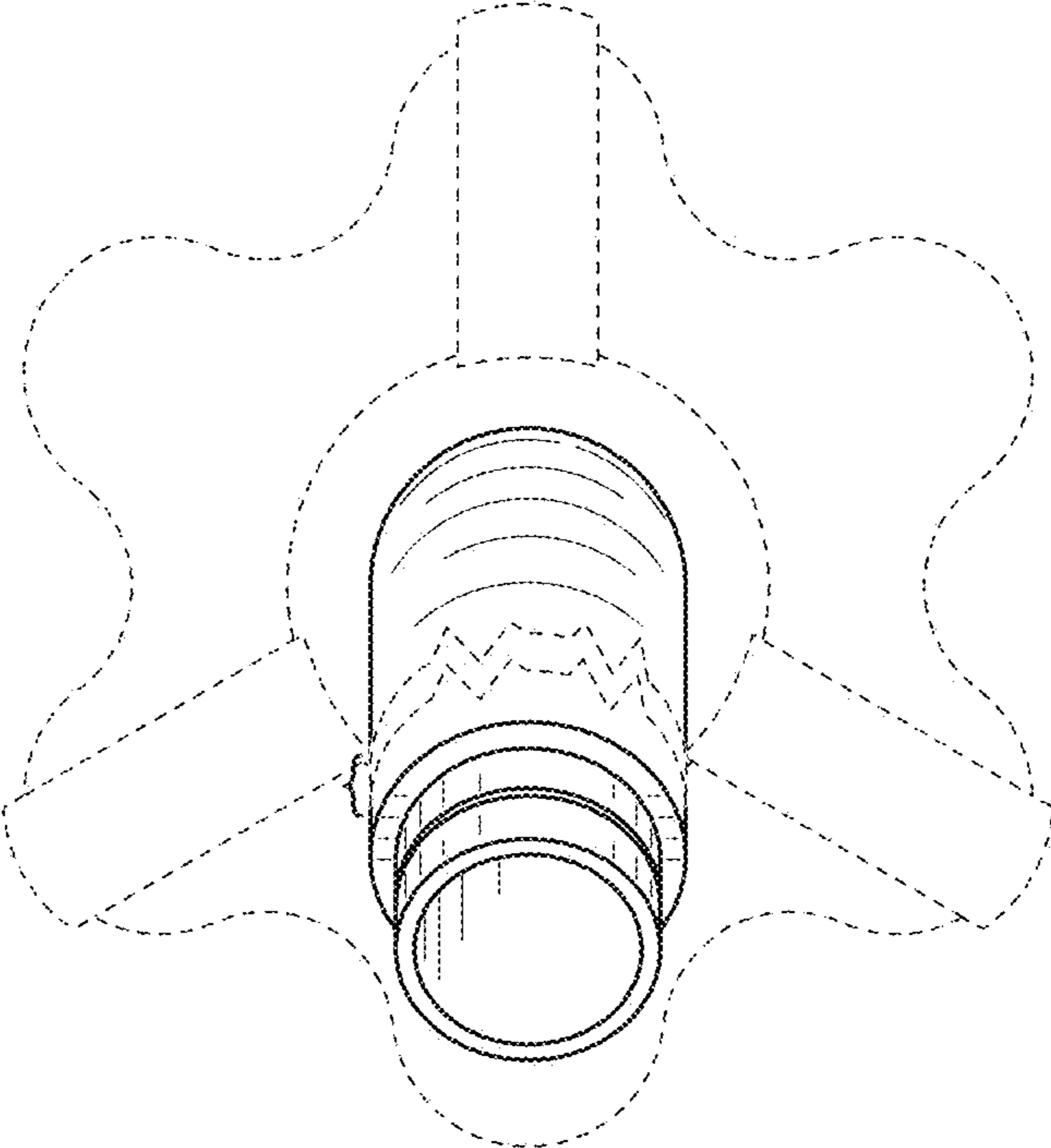


FIG. 3

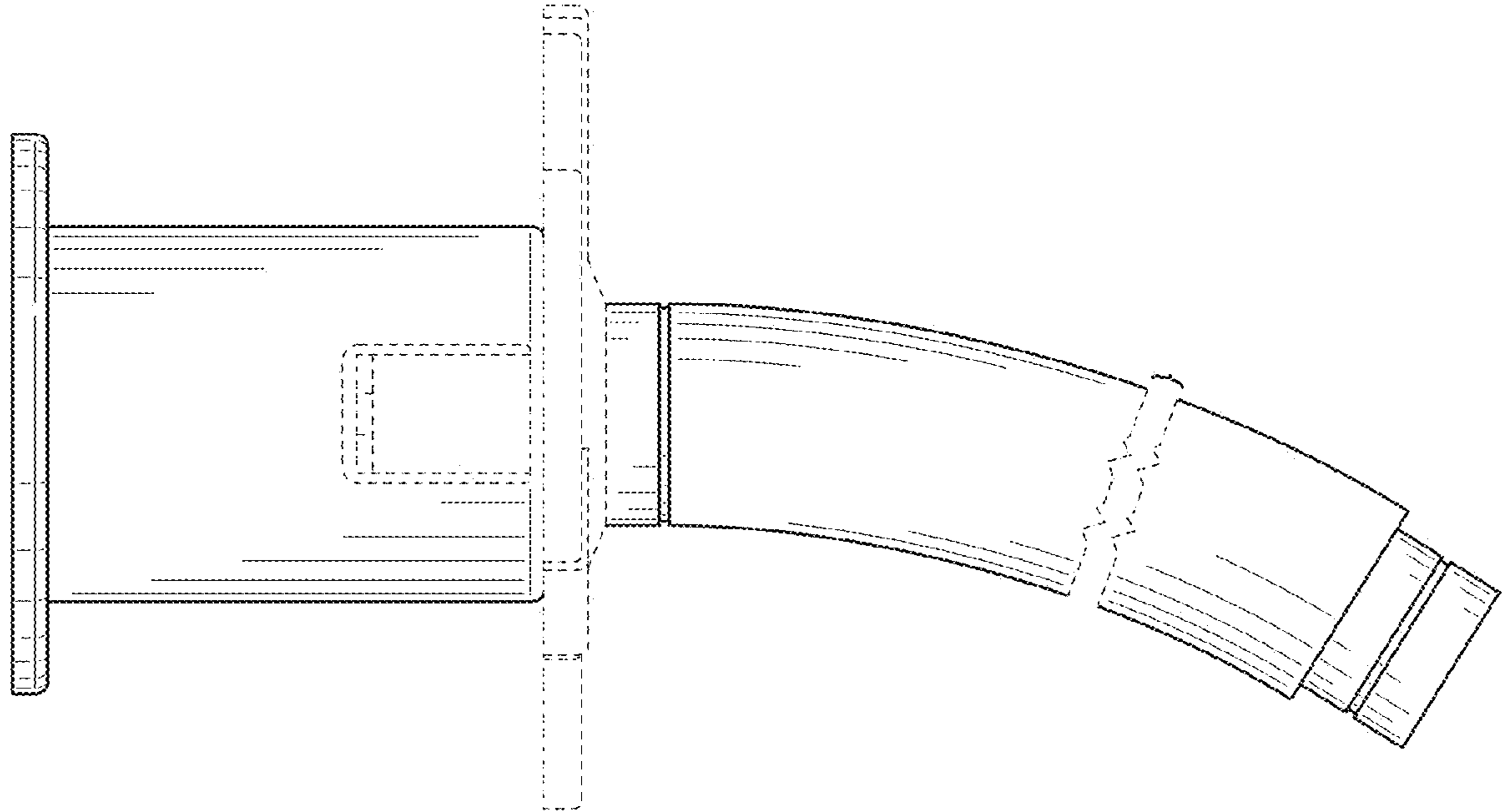


FIG. 4

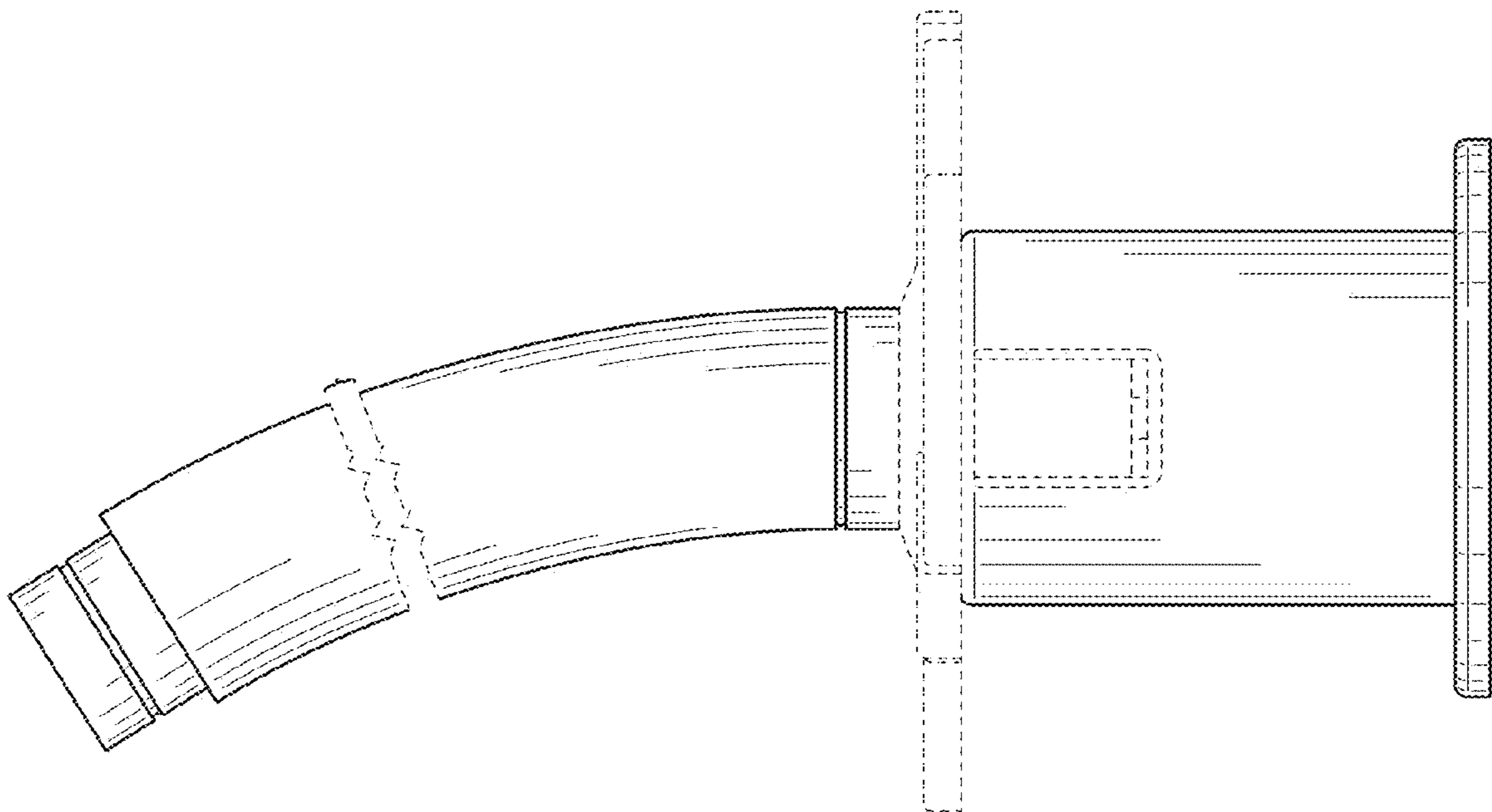


FIG. 5

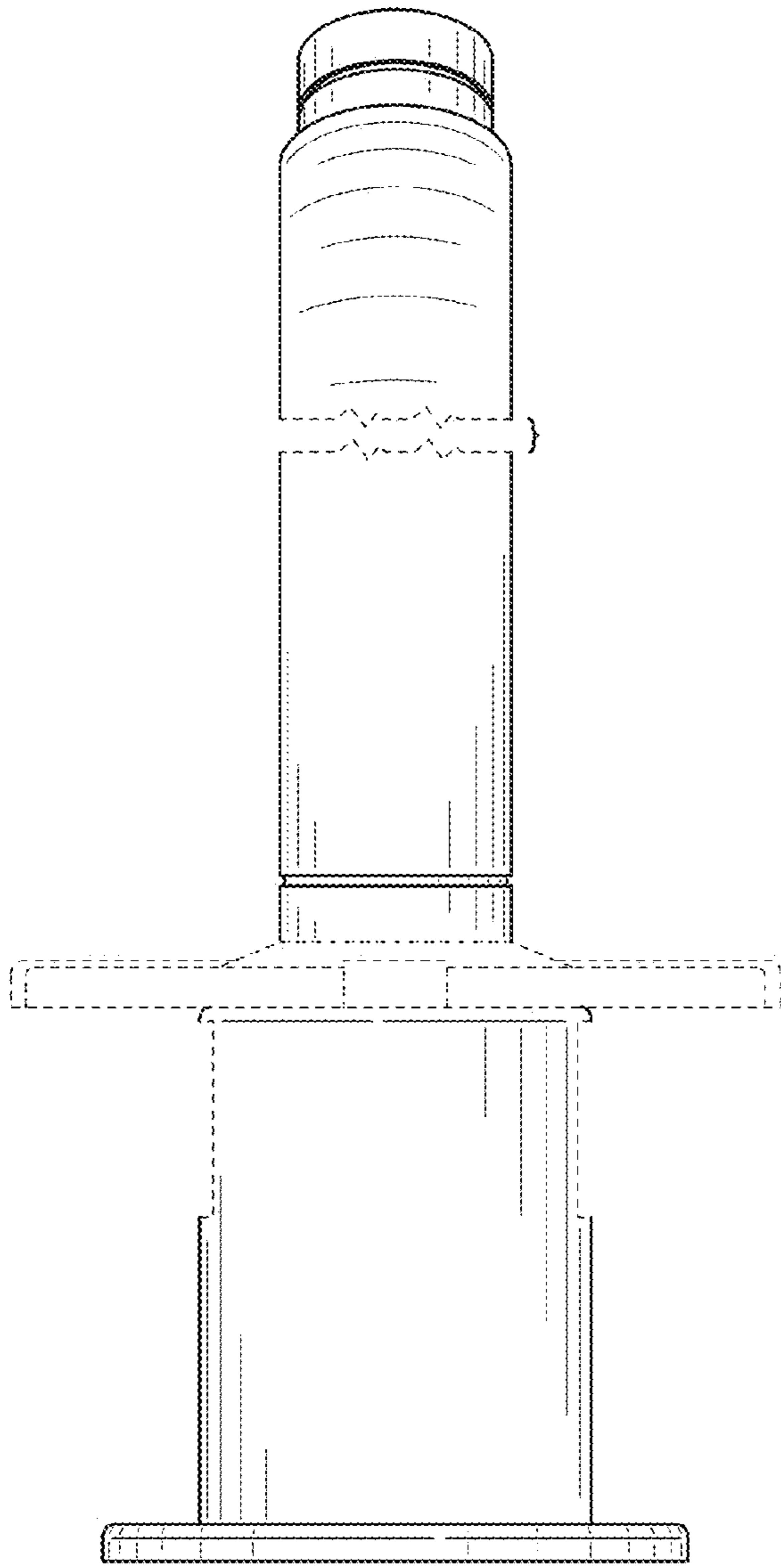


FIG. 6

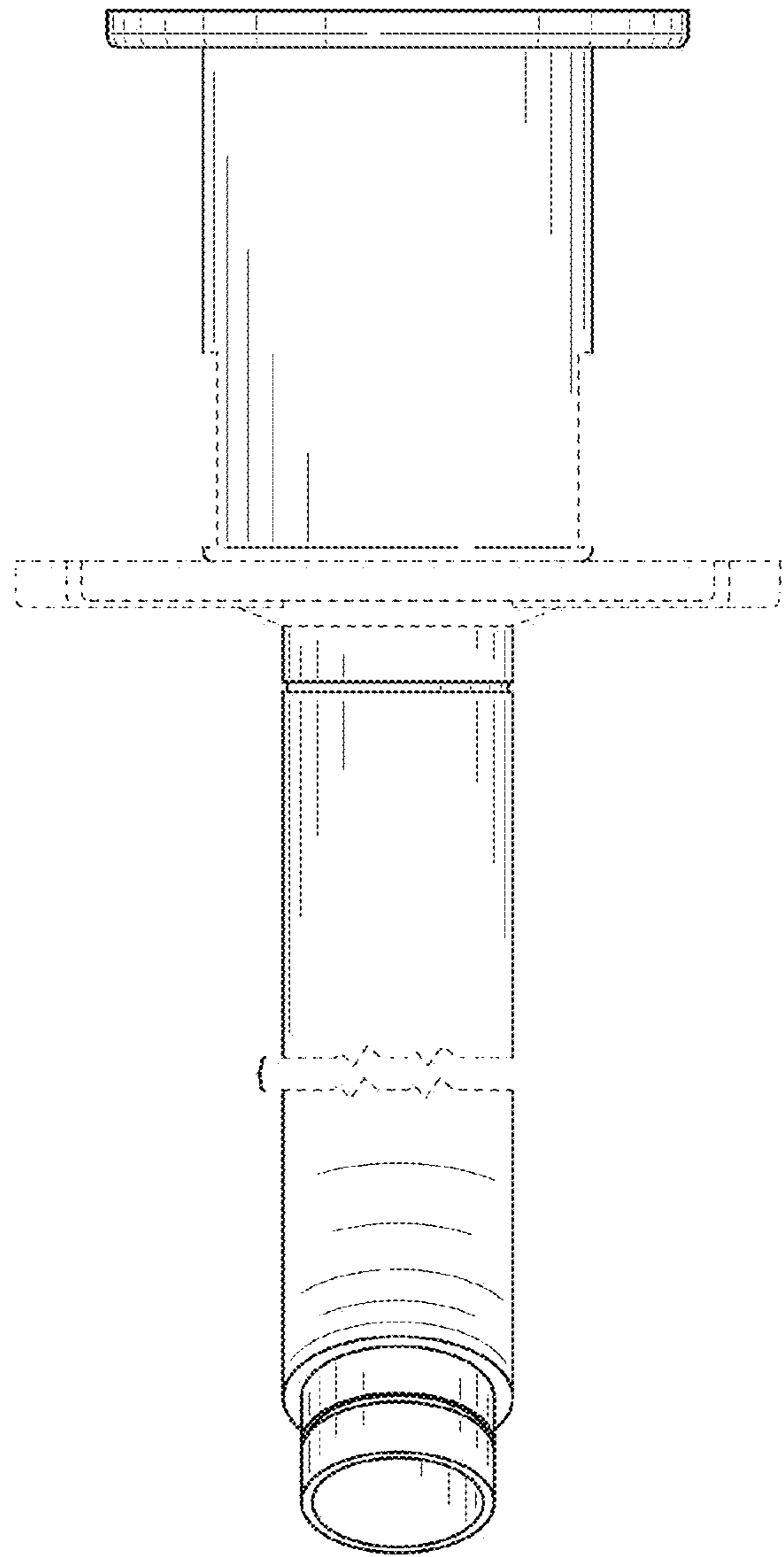


FIG. 7