



US00D905546S

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

(10) **Patent No.:** **US D905,546 S**

(45) **Date of Patent:** **** Dec. 22, 2020**

- (54) **FASTENER** 5,795,118 A * 8/1998 Osada B29C 65/0672
411/171
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Glenview, IL (US) 24/297
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6,364,586 B1 * 4/2002 Okada F16B 19/1081
411/41
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(US) 7,033,121 B2 4/2006 Kirchen
7,207,759 B2 * 4/2007 Kato F16B 19/1081
411/41
- (**) Term: **15 Years** 7,690,876 B2 * 4/2010 Kawai F16B 19/1081
411/45

(Continued)

- (21) Appl. No.: **29/675,678**
- (22) Filed: **Jan. 4, 2019**
- (51) **LOC (12) Cl.** **08-08**
- (52) **U.S. Cl.**
USPC **D8/382**
- (58) **Field of Classification Search**
USPC D8/382, 349, 385
CPC F16B 13/06; F16B 19/1081; F16B 19/08;
F16B 19/10; F16B 21/086; F16B 21/07;
F16B 21/075; F16B 21/082; F16B 21/08
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a fastener, as shown and described.

DESCRIPTION

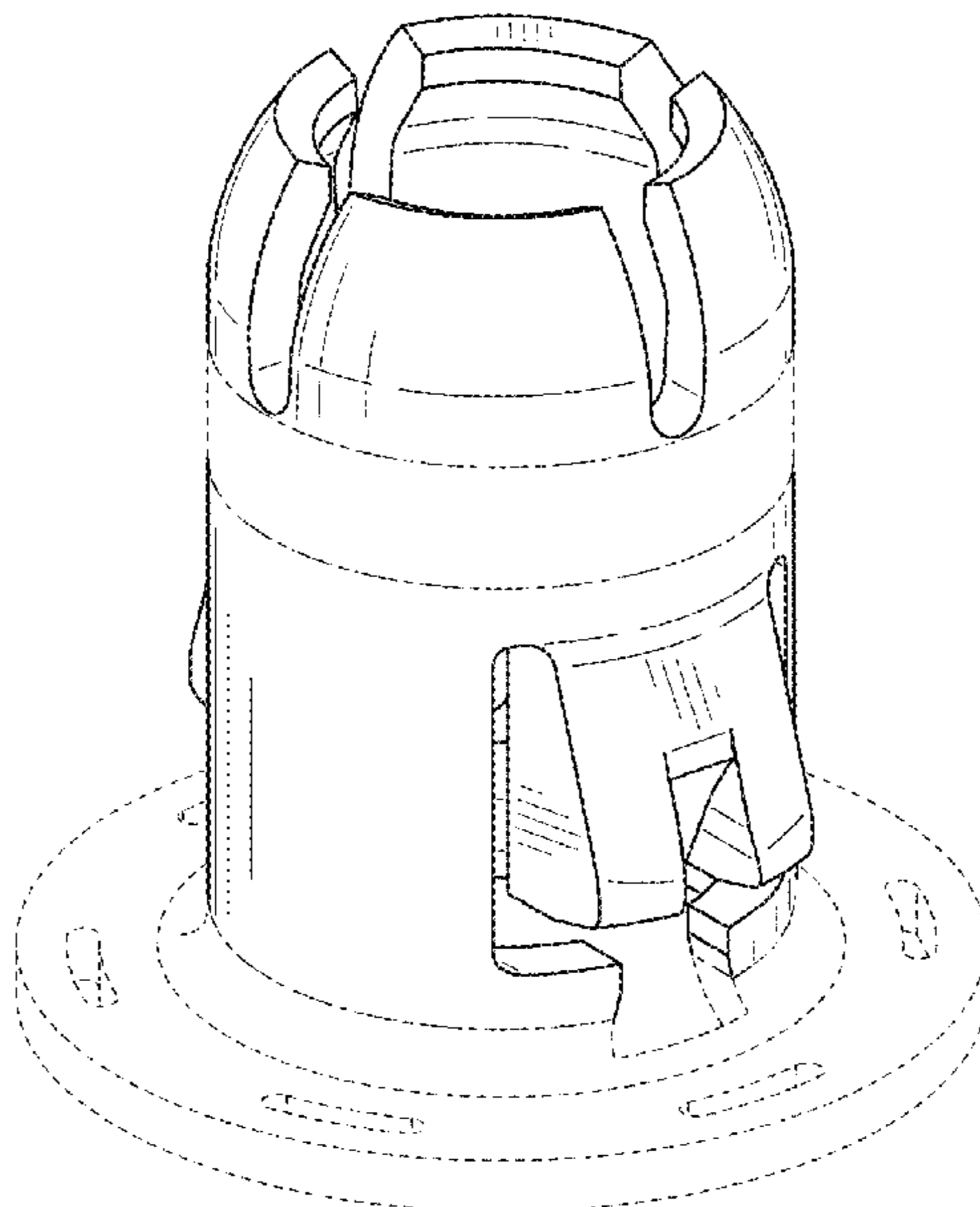
FIG. 1 is an isometric view of a front, top, and right side of an ornamental design for a fastener;
 FIG. 2 is an isometric view of a front, bottom, and right side of the fastener of FIG. 1;
 FIG. 3 is a front elevational view of the fastener of FIG. 1;
 FIG. 4 is a rear elevational view of the fastener of FIG. 1;
 FIG. 5 is a right side elevational view of the fastener of FIG. 1;
 FIG. 6 is a left side elevational view of the fastener of FIG. 1;
 FIG. 7 is a top plan view of the fastener of FIG. 1; and,
 FIG. 8 is a bottom plan view of the fastener of FIG. 1.
 The dashed broken lines in the drawings illustrate portions of the fastener and form no part of the claimed design. The dot-dash-dot broken lines in the drawings define the bounds of the claim and form no part thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D273,091 S * 3/1984 Kurosaki D8/382
- 4,927,287 A * 5/1990 Ohkawa F16B 21/086
24/297
- 4,952,106 A * 8/1990 Kubogochi F16B 19/1081
411/48
- 5,375,954 A * 12/1994 Eguchi F16B 19/1081
411/41
- 5,435,679 A 7/1995 Barry
- 5,499,737 A * 3/1996 Kraus F16B 21/086
138/89
- 5,507,610 A 4/1996 Benedetti et al.
- 5,632,581 A * 5/1997 Hasada F16B 19/1081
411/48

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D665,245 S *	8/2012	Nakazato	D8/382
8,348,568 B2 *	1/2013	Murakami	F16B 19/1081 411/45
8,662,807 B2 *	3/2014	Adachi	F16B 19/1081 411/45
8,769,779 B2	7/2014	Lee	
9,061,379 B1	6/2015	Mead et al.	
9,303,672 B2 *	4/2016	Lepper	F16B 19/1027
9,879,707 B2	1/2018	Watanabe	
D824,747 S *	8/2018	Briese	D8/343
10,113,577 B2	10/2018	Kanie	
2002/0026693 A1	3/2002	Akema et al.	
2002/0094253 A1 *	7/2002	Enomoto	F16B 19/1081 411/41
2004/0013481 A1	1/2004	Jeppesen	
2004/0020016 A1 *	2/2004	Yoneoka	F16B 19/1081 24/297
2006/0171793 A1	8/2006	Kawai et al.	
2008/0298925 A1 *	12/2008	Shinozaki	F16B 21/086 411/48
2011/0014005 A1 *	1/2011	Shinozaki	F16B 21/086 411/347
2012/0057948 A1 *	3/2012	Jeon	F16B 19/1081 411/357
2012/0210546 A1 *	8/2012	Jang	A63H 33/101 24/615
2012/0230796 A1 *	9/2012	McClure	F16B 19/1081 411/80.1
2014/0099156 A1 *	4/2014	Weber	B60J 1/1815 403/119
2016/0348707 A1 *	12/2016	Wu	
2020/0141440 A1 *	5/2020	Liebelt	F16B 21/07
2020/0217345 A1 *	7/2020	Liebelt	F16B 21/075

* cited by examiner

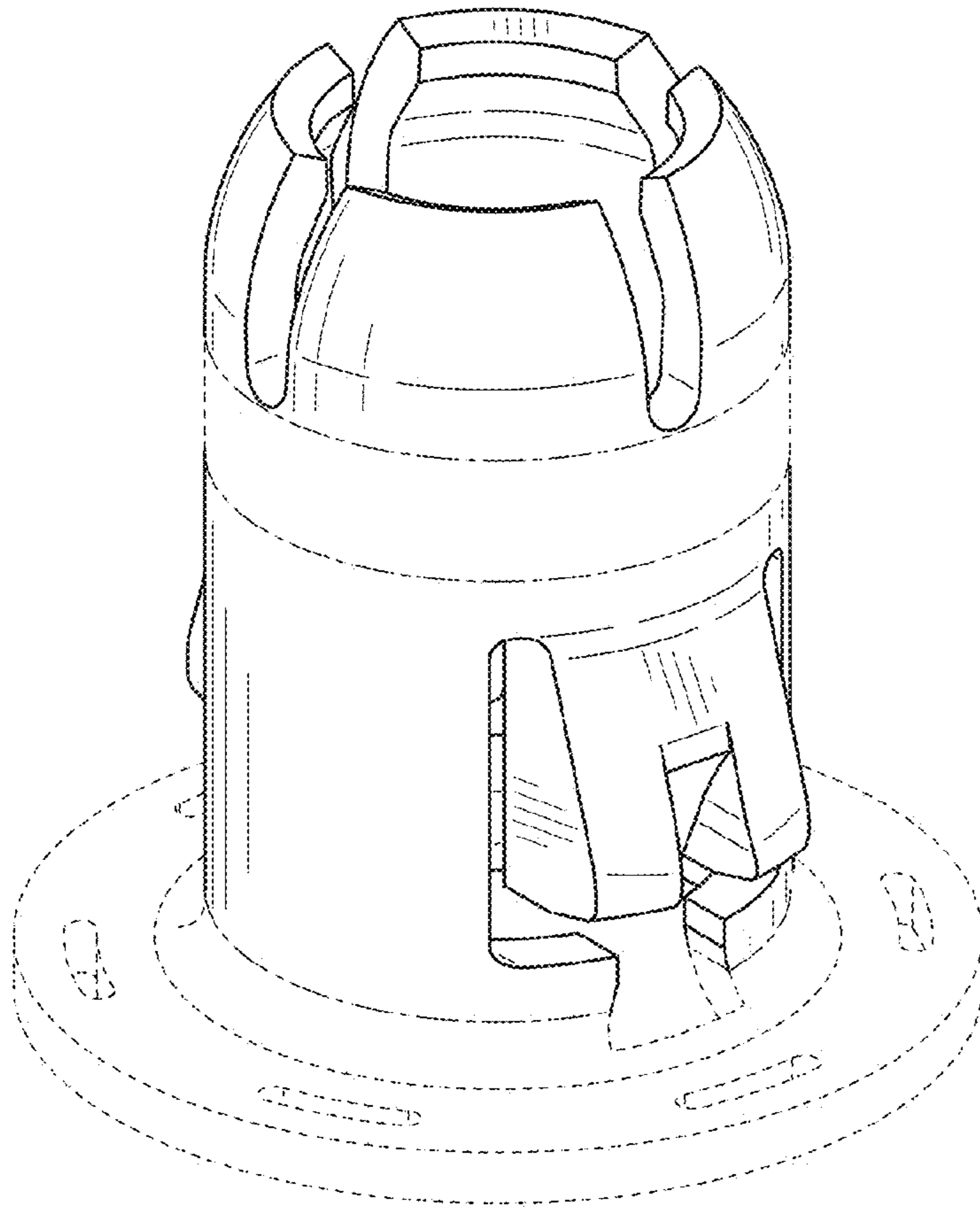


FIG. 1

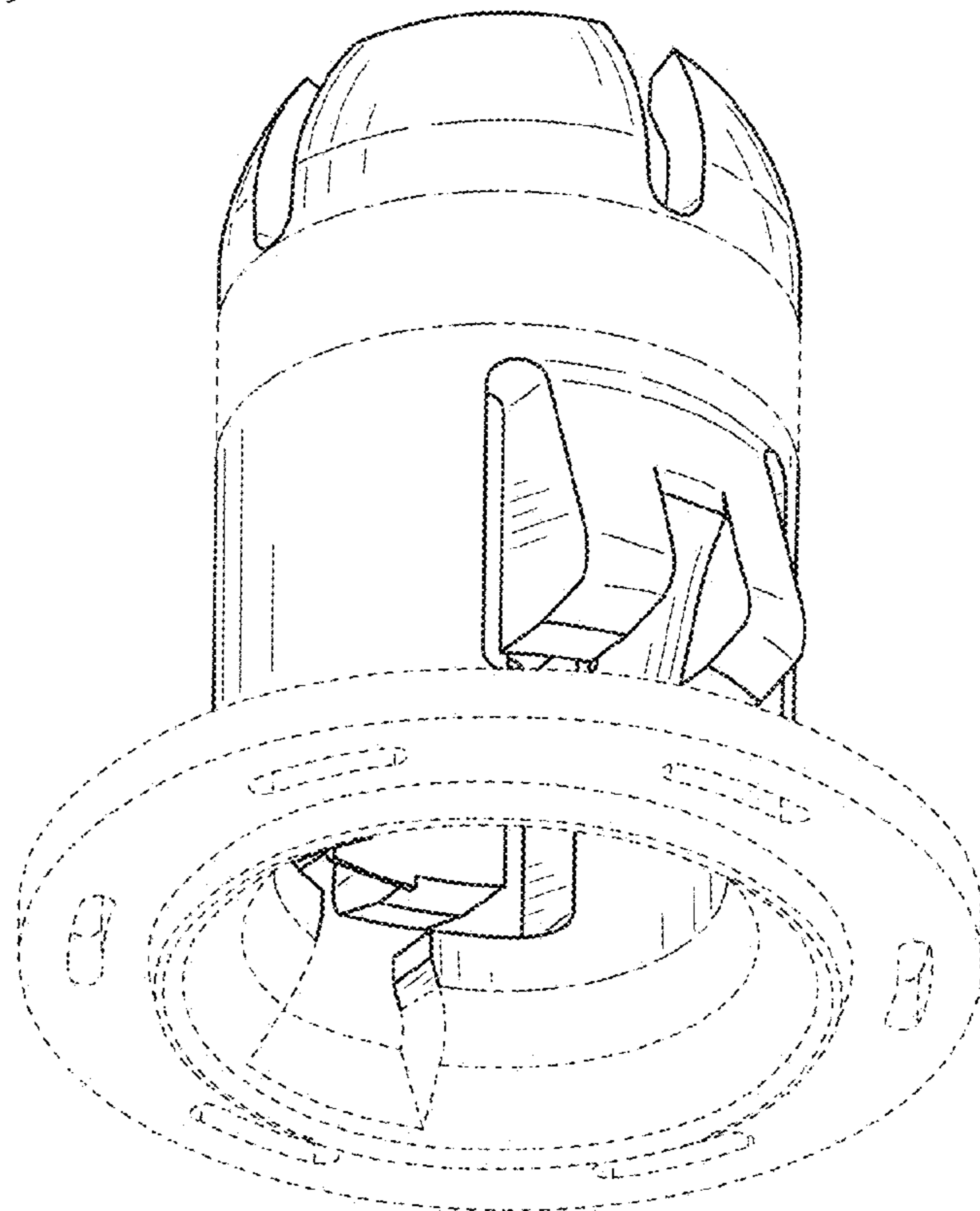


FIG. 2

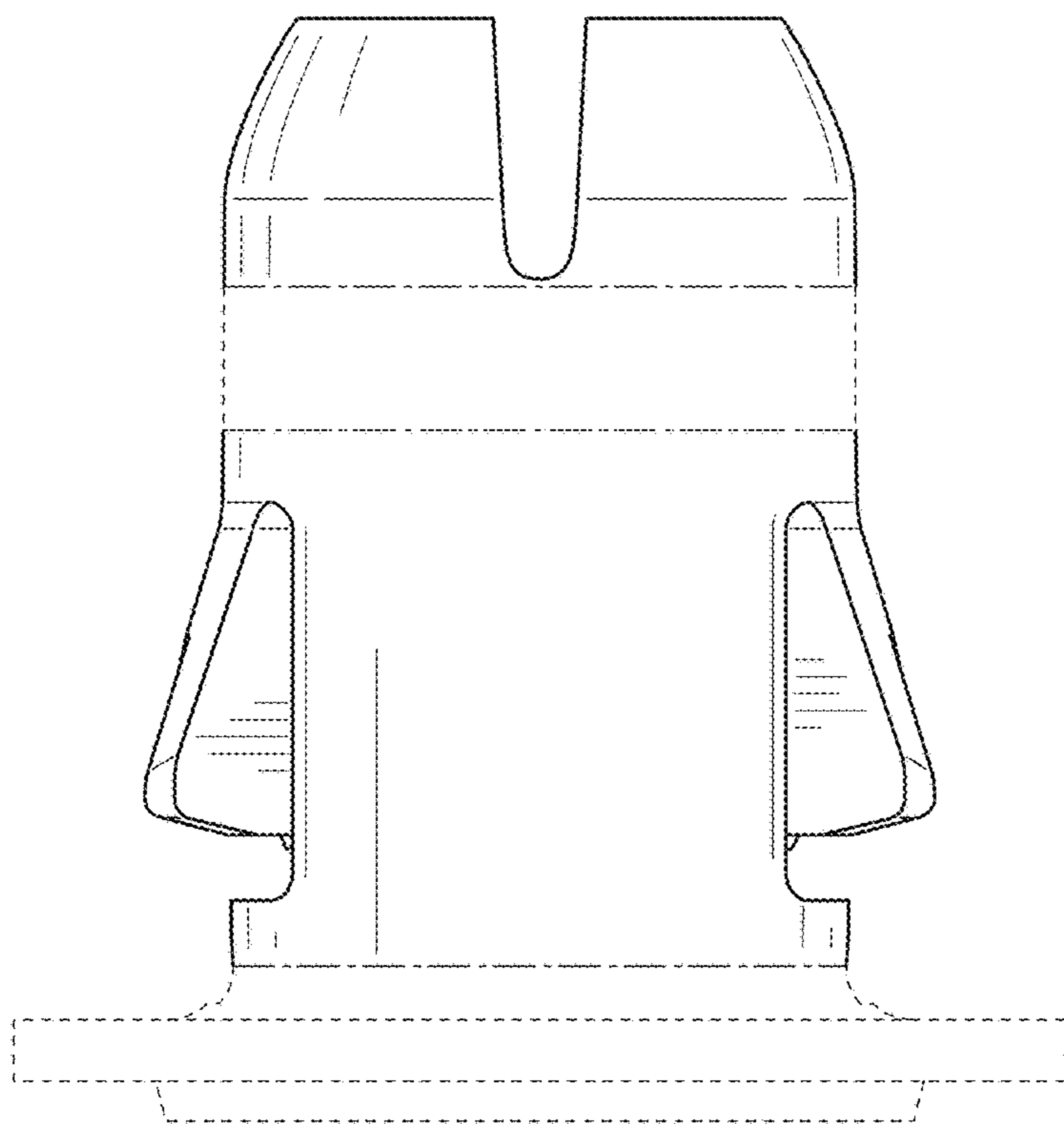


FIG. 3

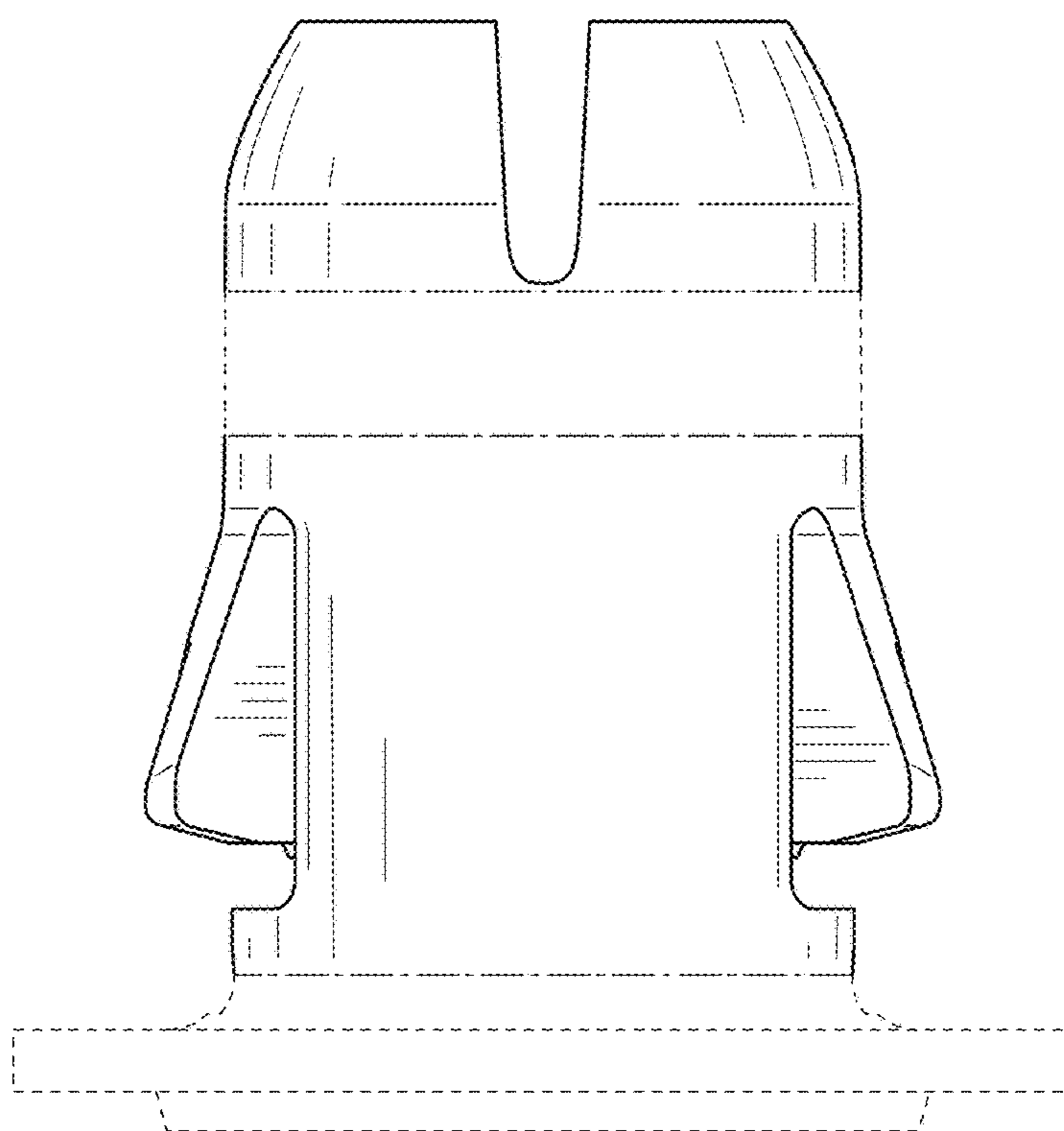


FIG. 4

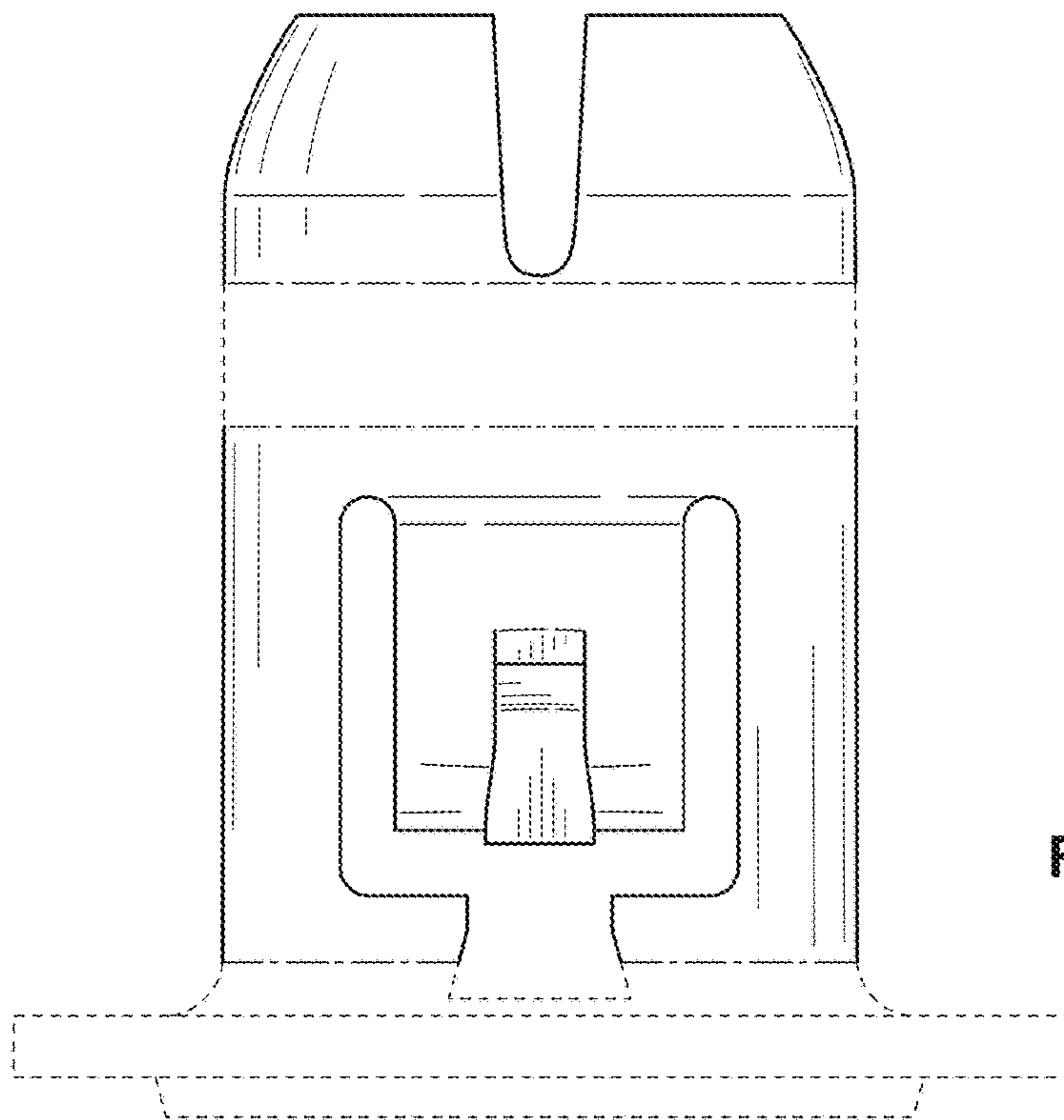
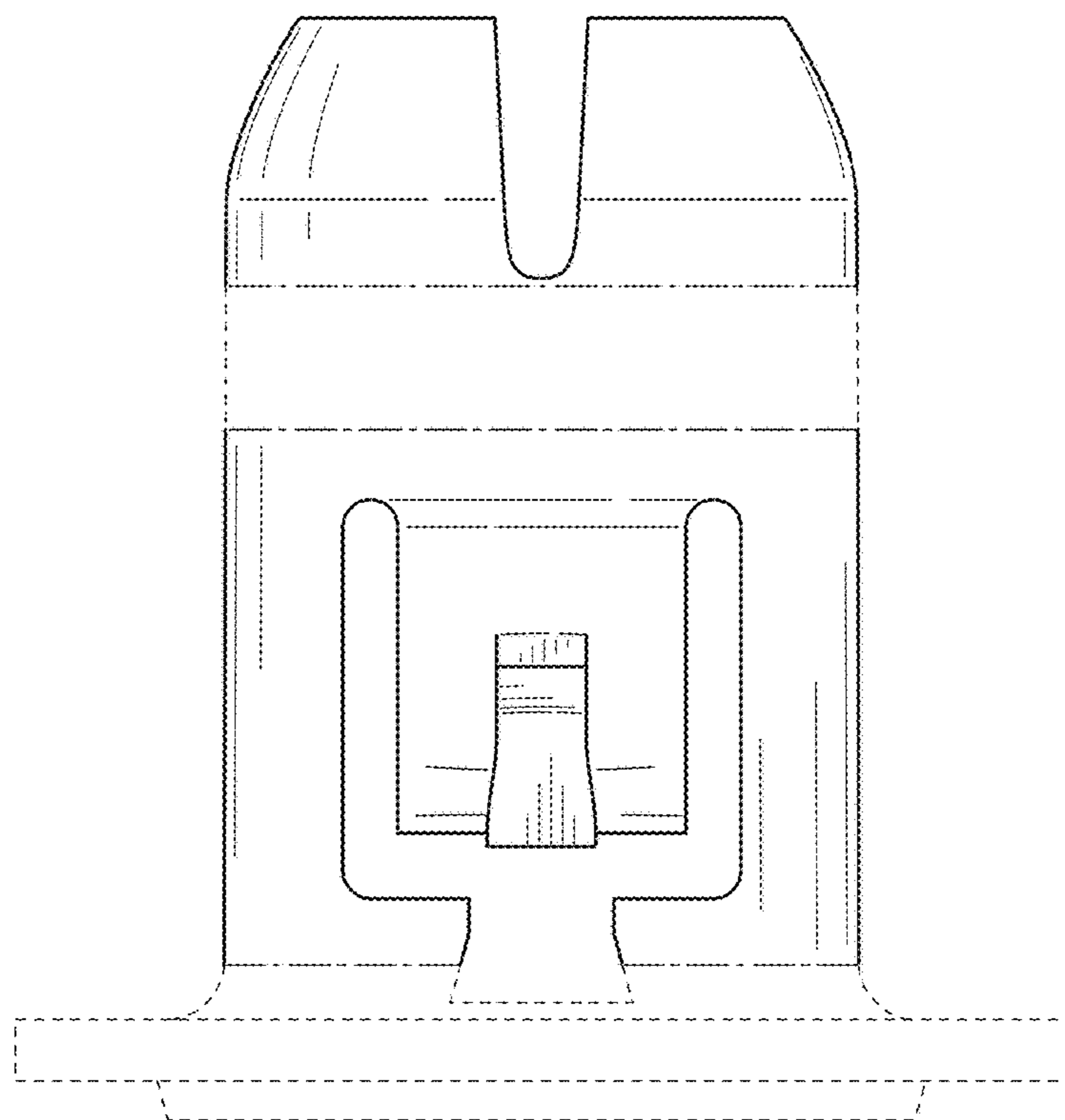


FIG. 5

FIG. 6



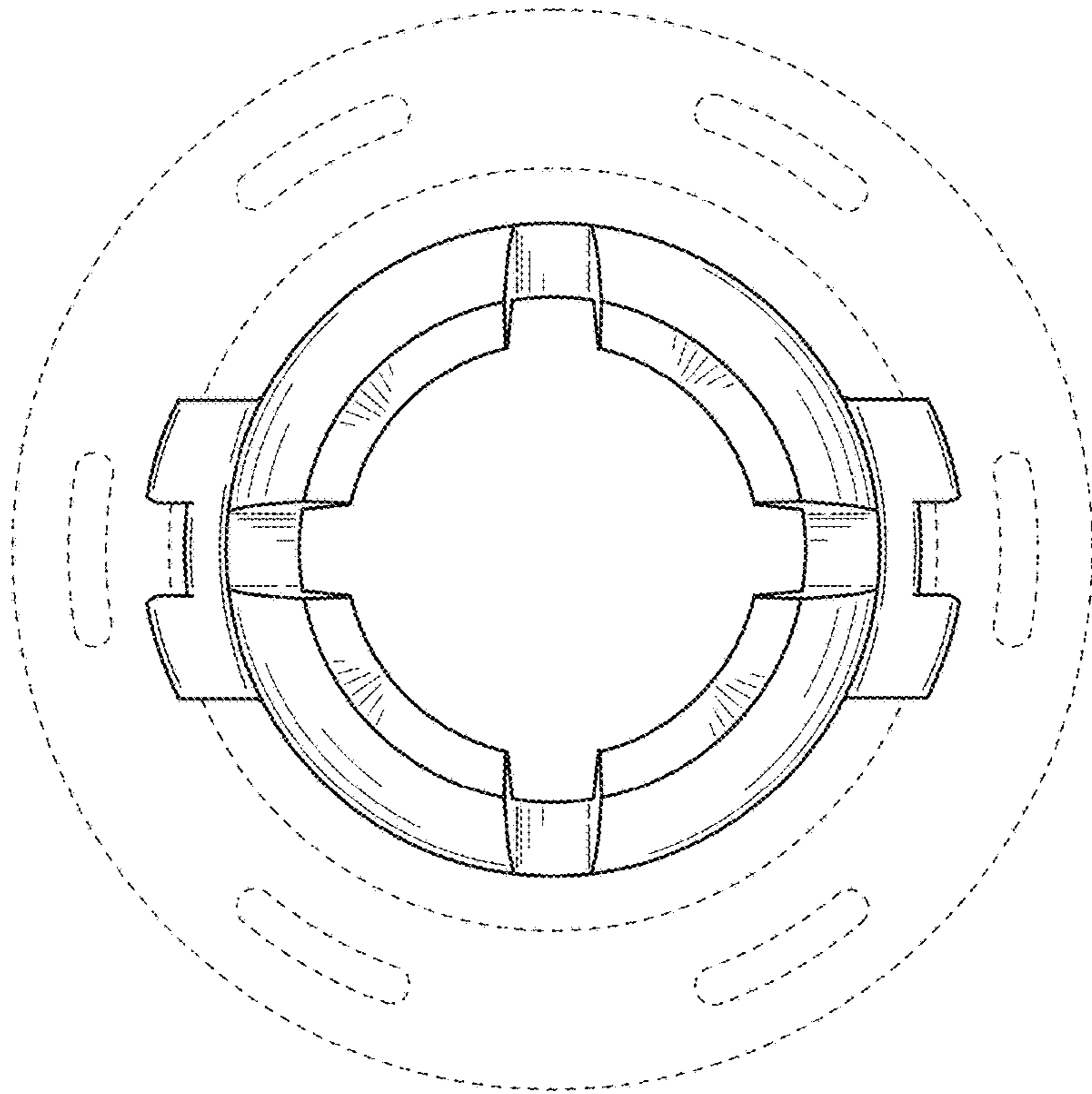


FIG. 7

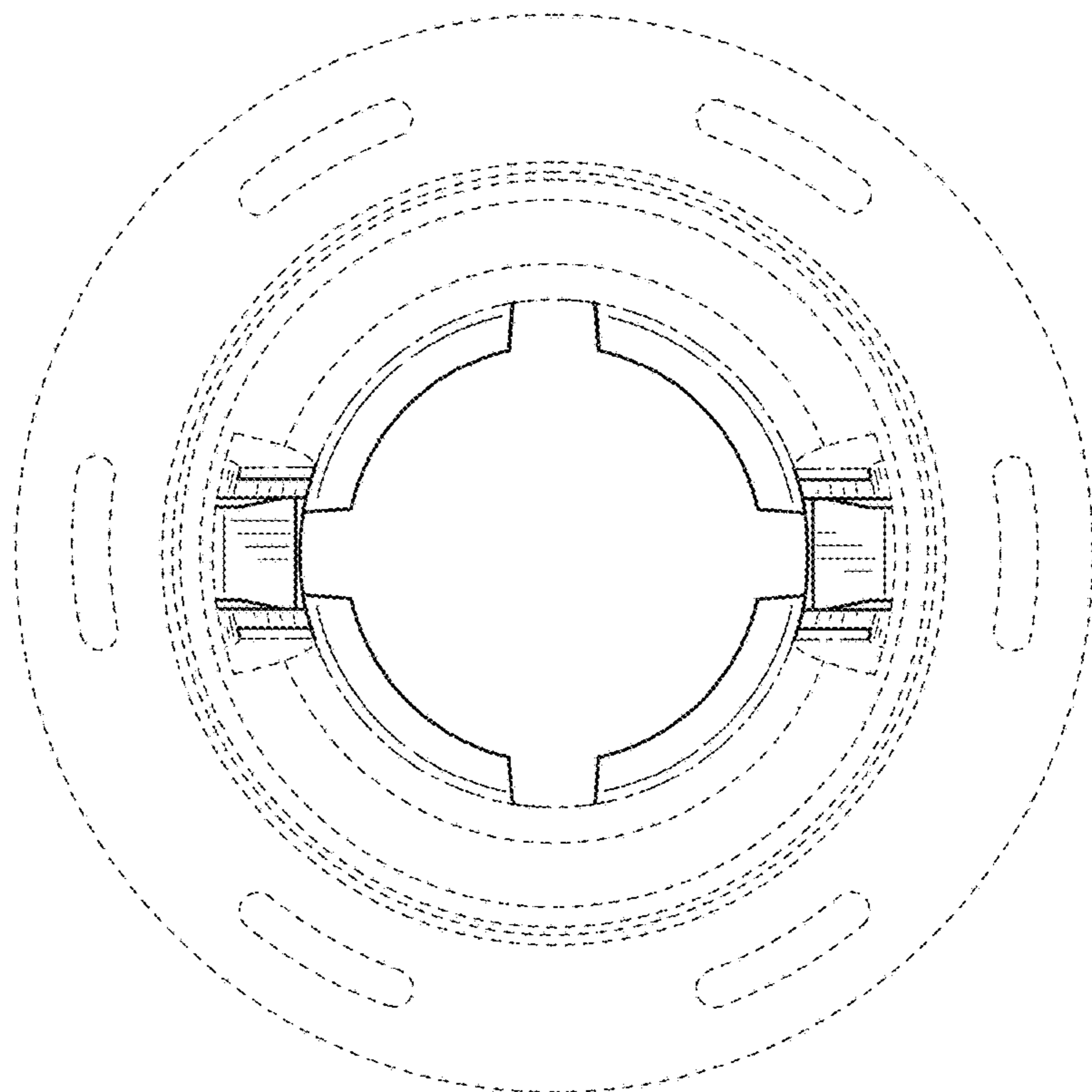


FIG. 8