



US00D944203S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,203 S**
Varatharajah et al. (45) **Date of Patent:** **** Feb. 22, 2022**

(54) **BATTERY SIDE TERMINAL BUSHING**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **CPS Technology Holdings LLC**, New York, NY (US)

WO 2009/142621 A1 11/2009

(72) Inventors: **Arunraj Varatharajah**, Menomonee Falls, WI (US); **Jason D. Fuhr**, Sussex, WI (US)

OTHER PUBLICATIONS

International Search Report and Written Opinion of the International Searching Authority dated Feb. 11, 2021 for PCT/US2020/058338 filed Oct. 30, 2020.

(73) Assignee: **CPS Technology Holdings LLC**, New York, NY (US)

Primary Examiner — Jennifer O King

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

(74) *Attorney, Agent, or Firm* — Boardman & Clark LLP

(21) Appl. No.: **29/711,693**

(57) **CLAIM**

(22) Filed: **Nov. 1, 2019**

The ornamental design for a battery side terminal bushing, as shown and described.

(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**

USPC **D13/120**

(58) **Field of Classification Search**

USPC D8/395; D13/102–106, 110, 119–121, D13/184, 199, 133, 154, 156

CPC H01R 11/24; H01R 11/281; H01R 11/282; H01R 11/286

See application file for complete search history.

DESCRIPTION

FIG. 1 is a top perspective view of the ornamental design of the battery side terminal bushing, showing said design with shade lines;

FIG. 2 is a bottom perspective view thereof;

FIG. 3 is a front elevation view thereof, the rear elevation view being a mirror image of the front elevation view;

FIG. 4 is a left side elevation view thereof, the right side elevation view being a mirror image of the left side elevation view;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is a cross-section view thereof, taken from line 7-7 of FIG. 5; and,

FIG. 8 is a cross-section view thereof, taken from line 8-8 of FIG. 5.

The broken lines shown in the drawings show portions of the battery side terminal bushing which form no part of the claimed design.

The shade lines in the Figures show contour and not surface ornamentation.

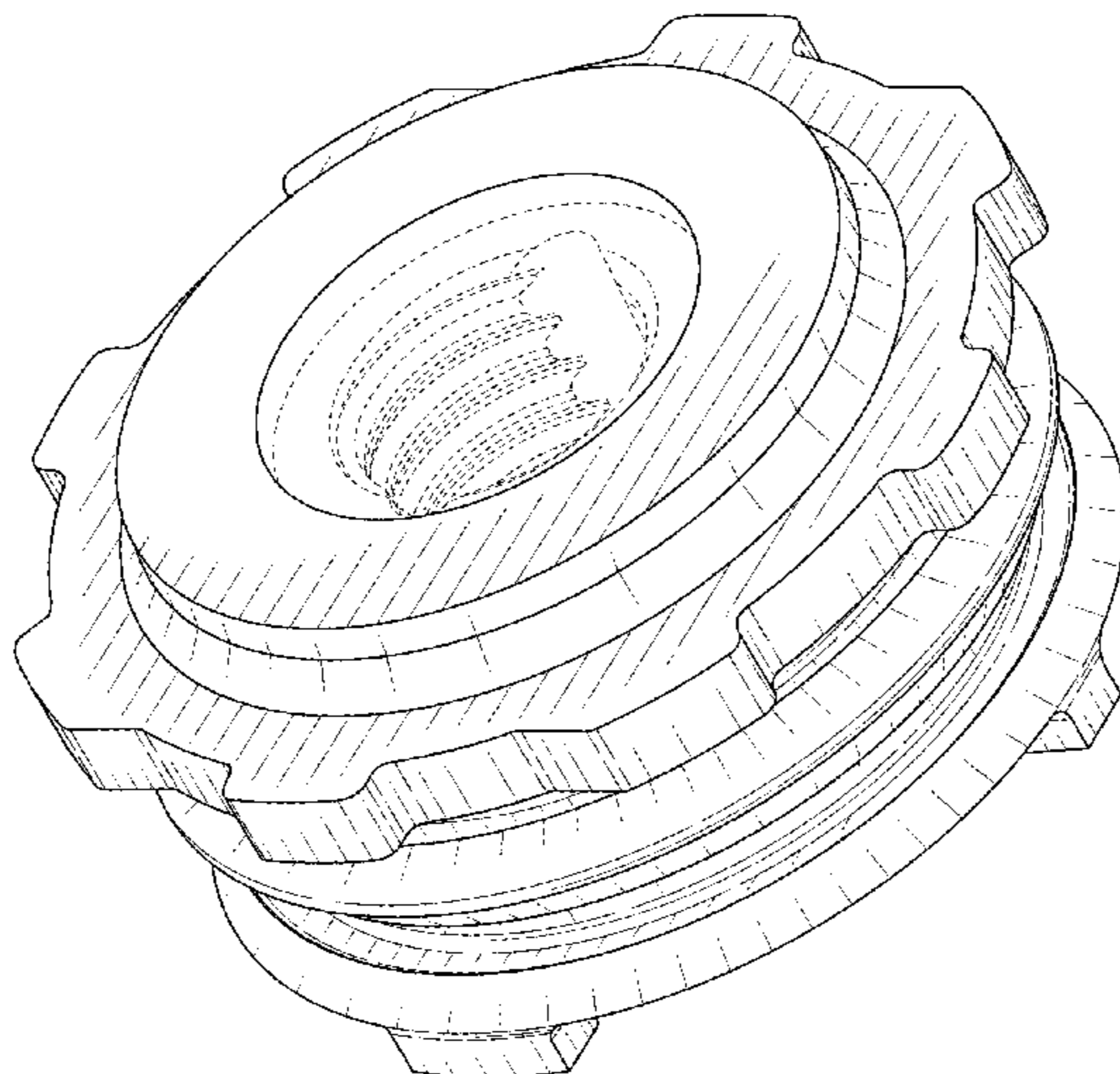
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,607,441 A	9/1971	Mix	
3,767,467 A	10/1973	Miller et al.	
3,775,730 A	11/1973	Rowls et al.	
3,928,079 A	12/1975	Jennings et al.	
4,207,390 A	6/1980	Oehrlein et al.	
4,237,603 A	12/1980	Crow	
4,317,871 A	3/1982	Wolf et al.	
4,446,214 A	5/1984	Mocas	
D277,454 S *	2/1985	Meinhardt D13/154
4,729,934 A	3/1988	Krystaszek	
5,159,272 A	10/1992	Rao et al.	
5,589,294 A	12/1996	Spiegelberg et al.	
5,791,183 A	8/1998	Spiegelberg et al.	
5,814,421 A	9/1998	Spiegelberg et al.	
6,803,146 B2	10/2004	Key et al.	

(Continued)

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,982,131	B1	1/2006	Hamada et al.	
D633,873	S *	3/2011	Kiely	D13/155
7,985,496	B2	7/2011	Evraets et al.	
D721,652	S *	1/2015	Smith	D13/129
D749,047	S *	2/2016	Smith	D13/149
D767,490	S *	9/2016	Bose	D13/119
D906,255	S *	12/2020	Yamaguchi	D13/149
D908,096	S *	1/2021	Smith	D13/149
D913,248	S *	3/2021	Voelzke	D13/155
2011/0014513	A1	1/2011	Lange	
2016/0043377	A1	2/2016	Heid	
2018/0076437	A1 *	3/2018	Goldschmidt	H01R 4/42
2018/0090740	A1 *	3/2018	Cain	H01M 50/543
2018/0175363	A1	6/2018	Heid	
2019/0223498	A1 *	7/2019	Ouyang	H01M 50/572
2020/0328398	A1 *	10/2020	Wiegmann	H01M 10/06

* cited by examiner

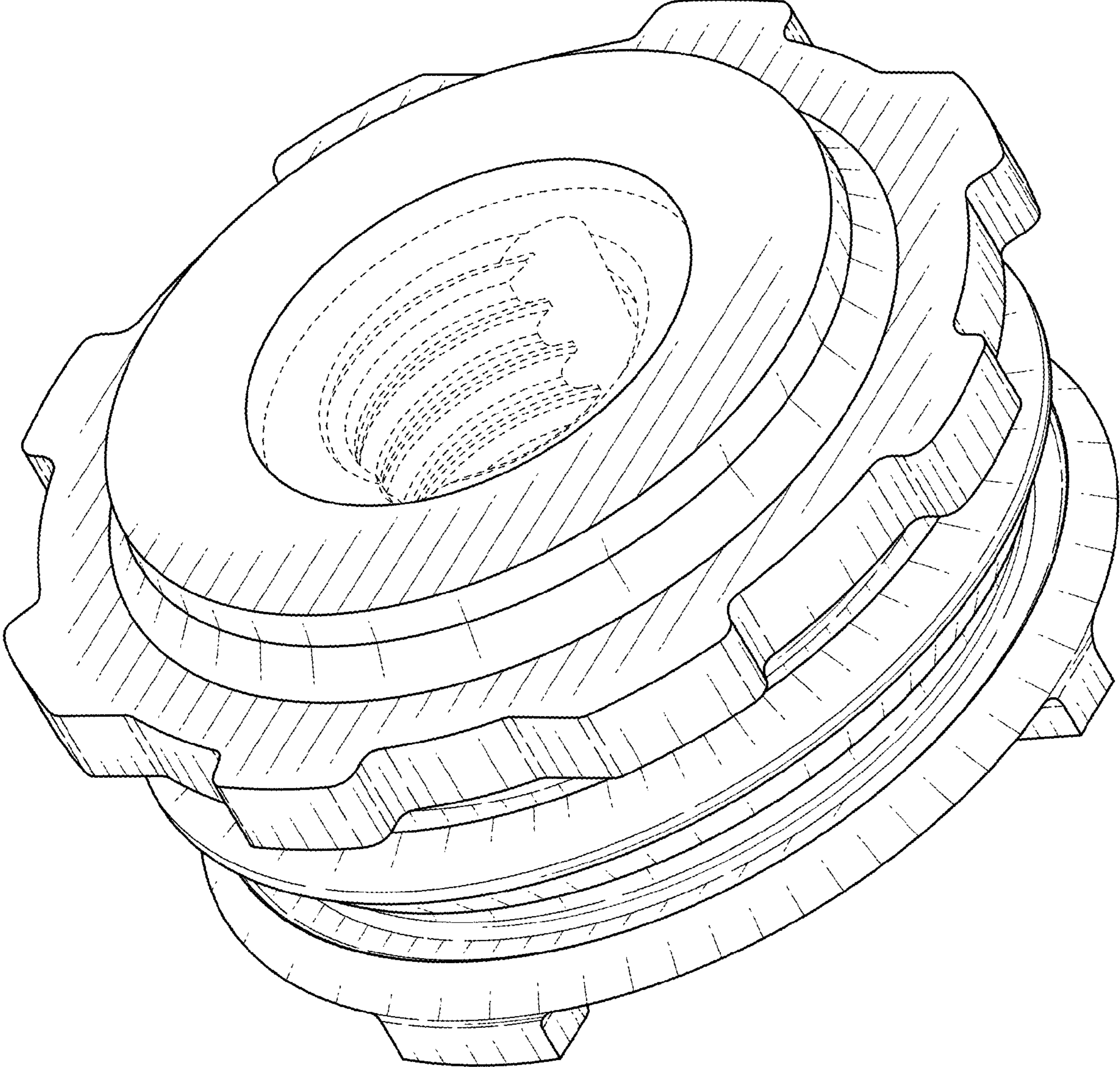


FIG. 1

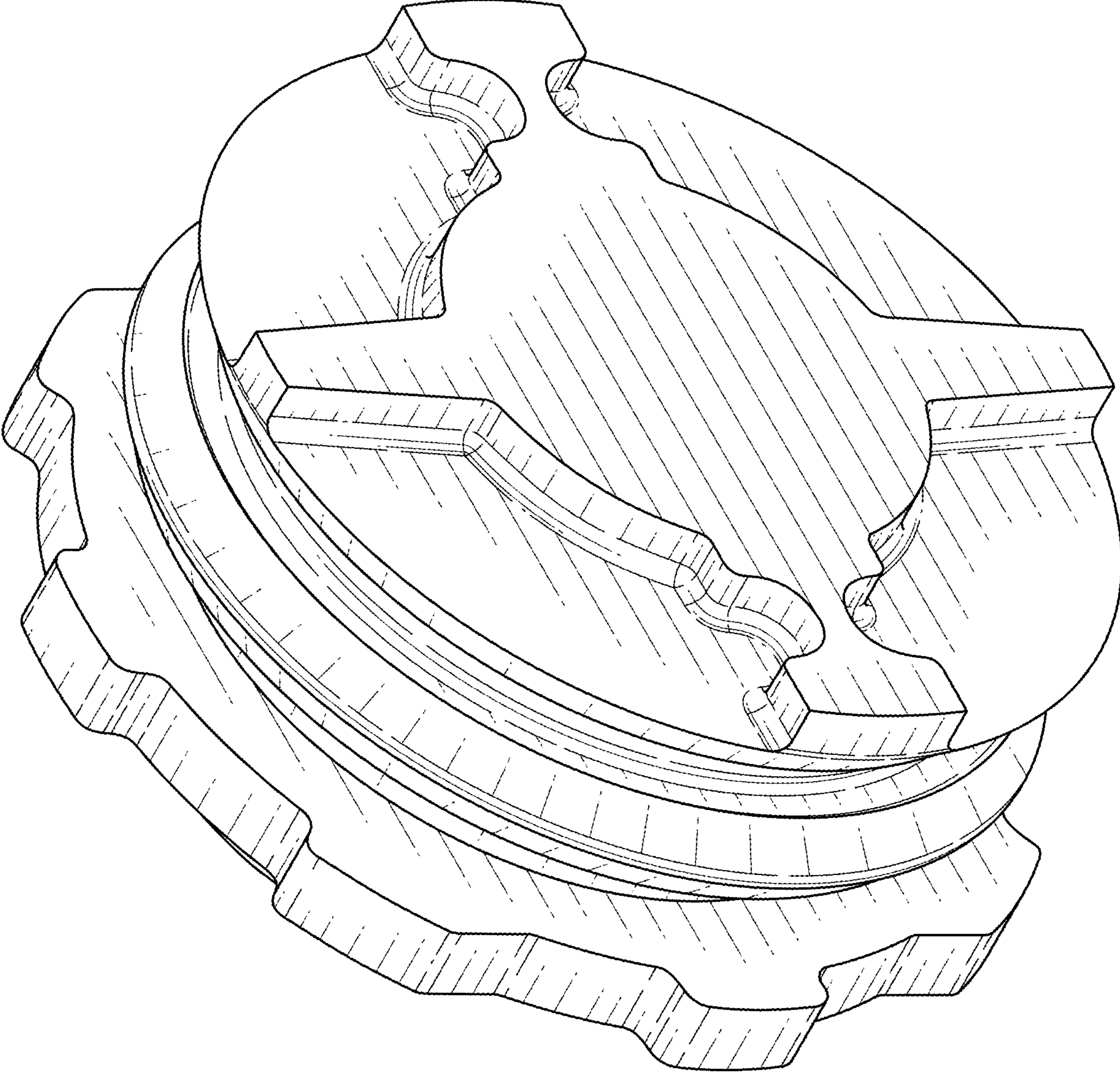


FIG. 2

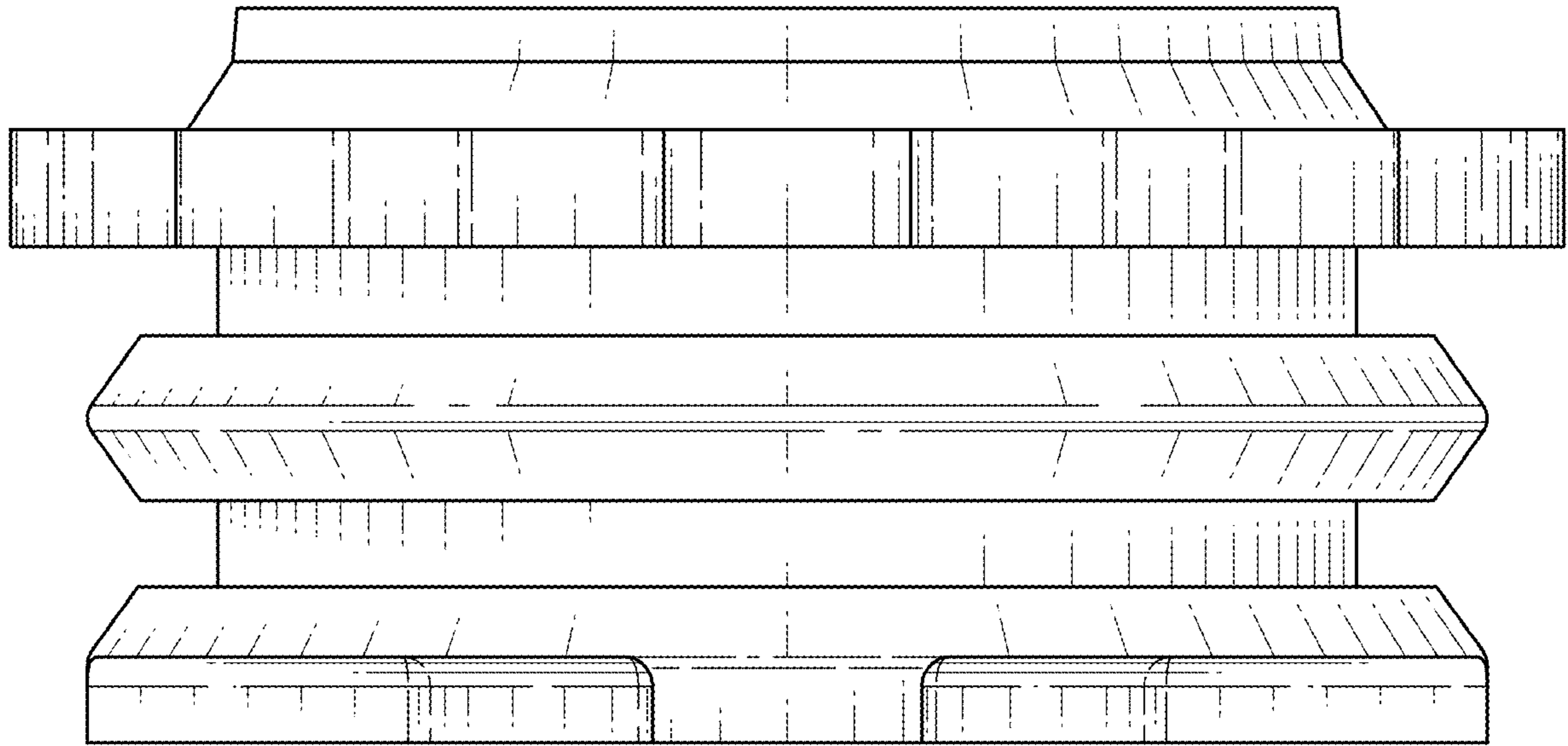


FIG. 3

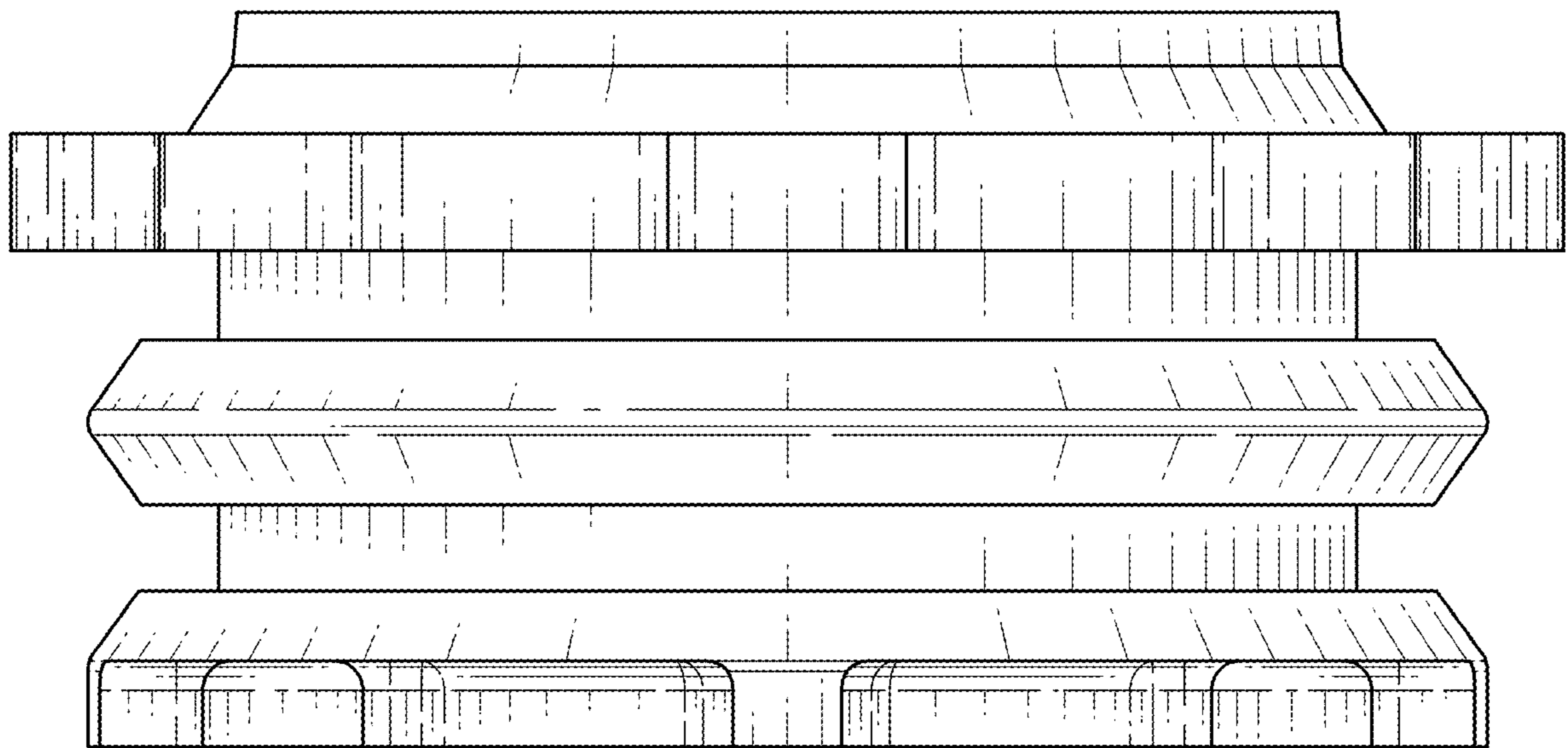


FIG. 4

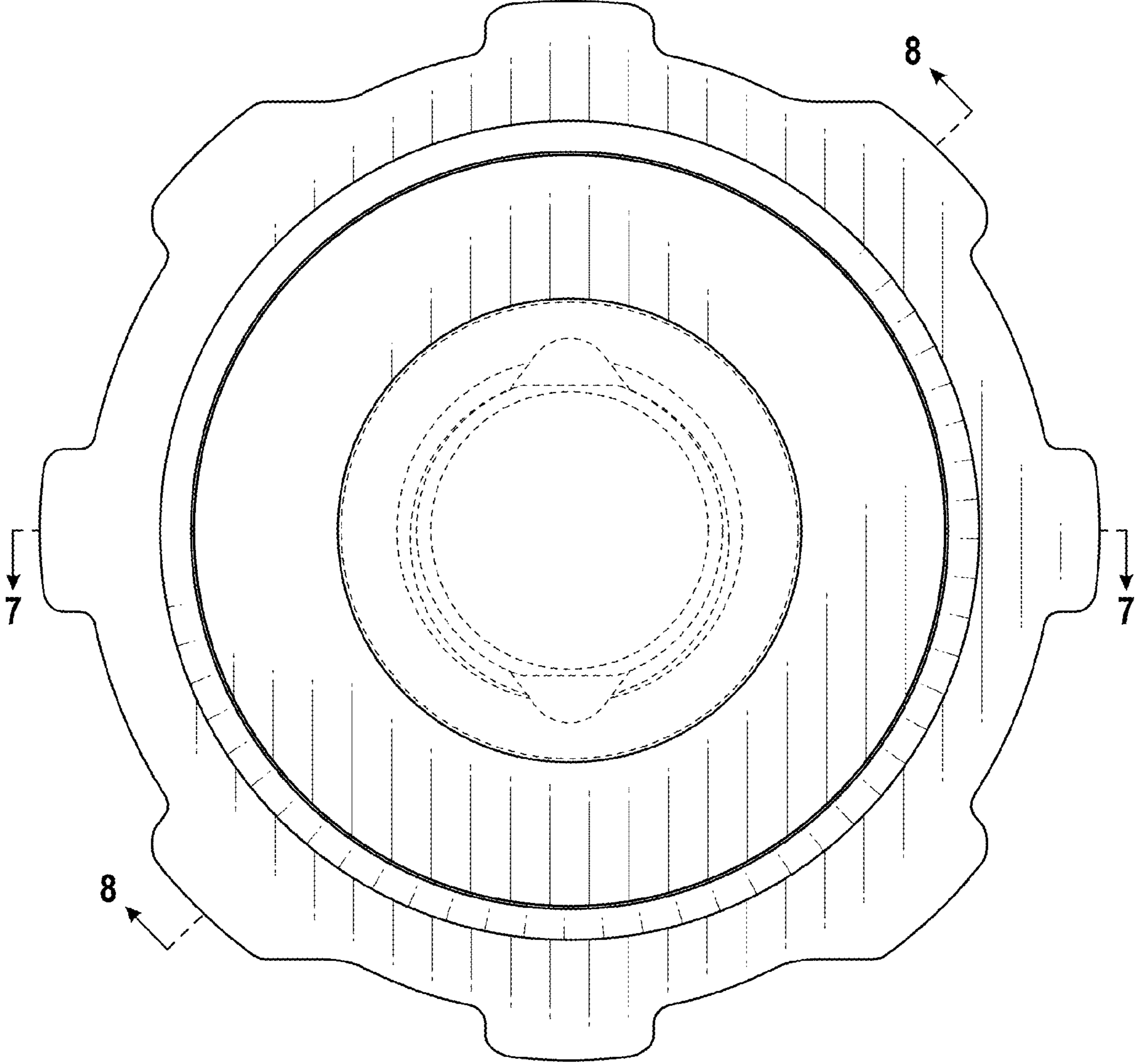


FIG. 5

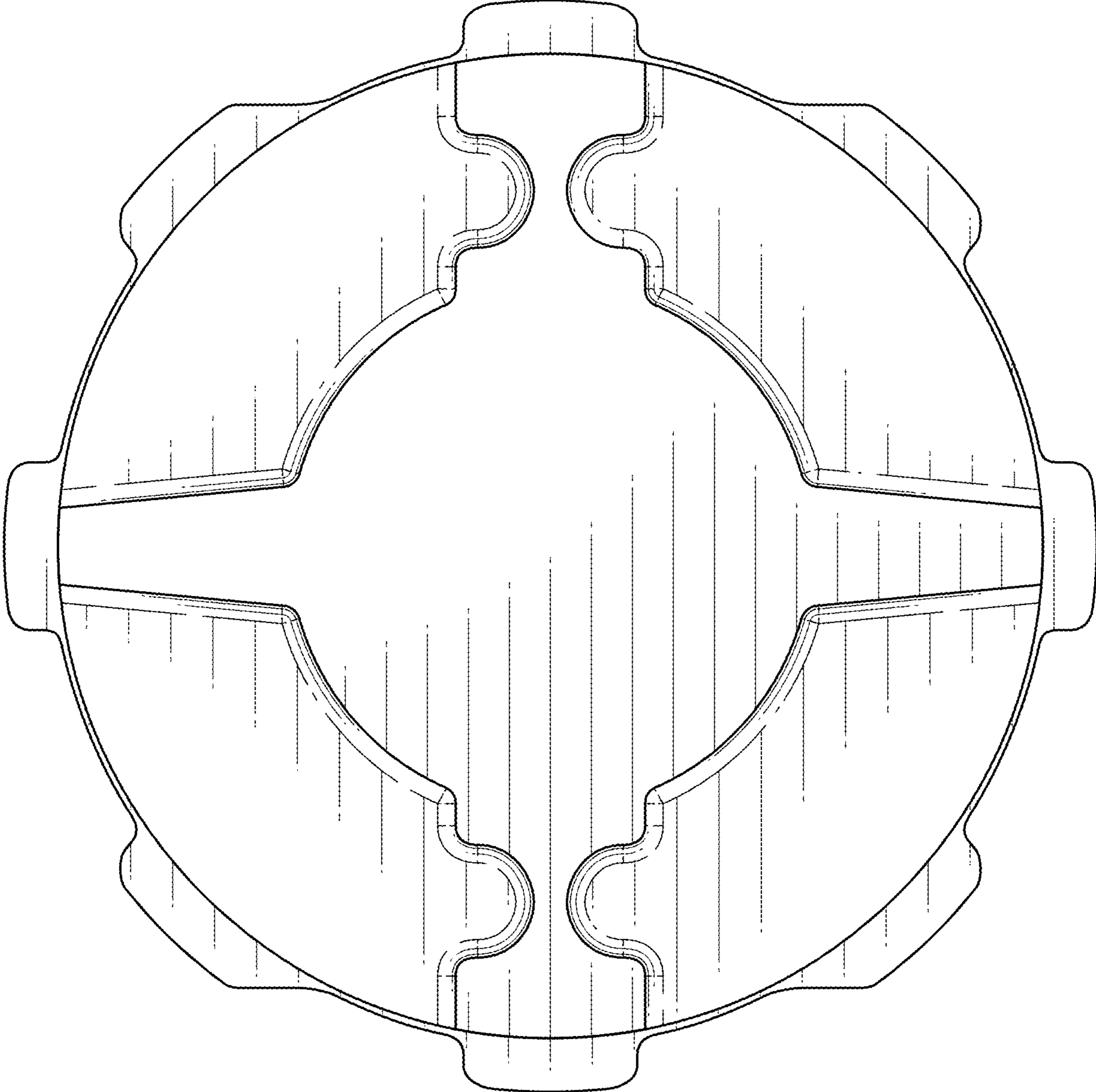


FIG. 6

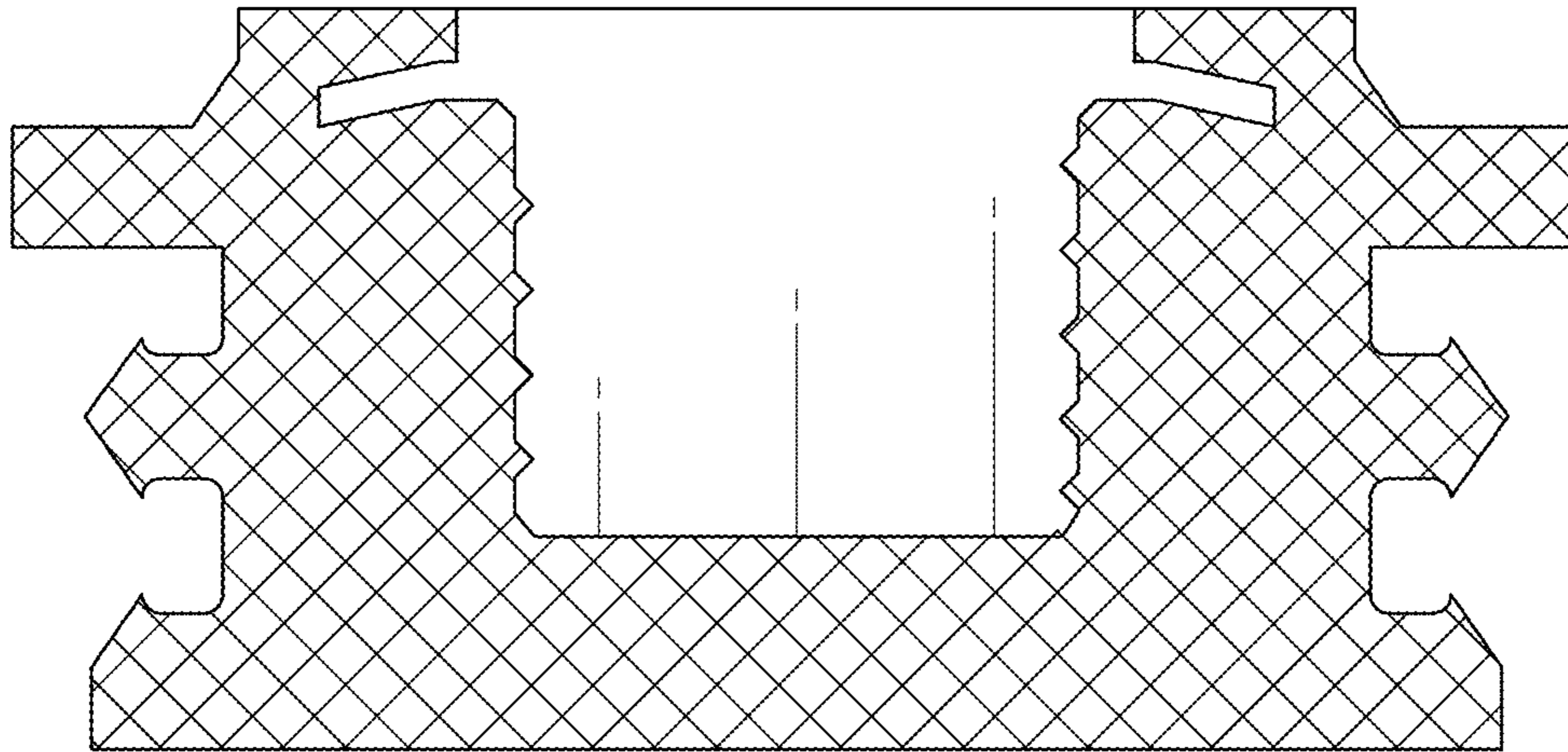


FIG. 7

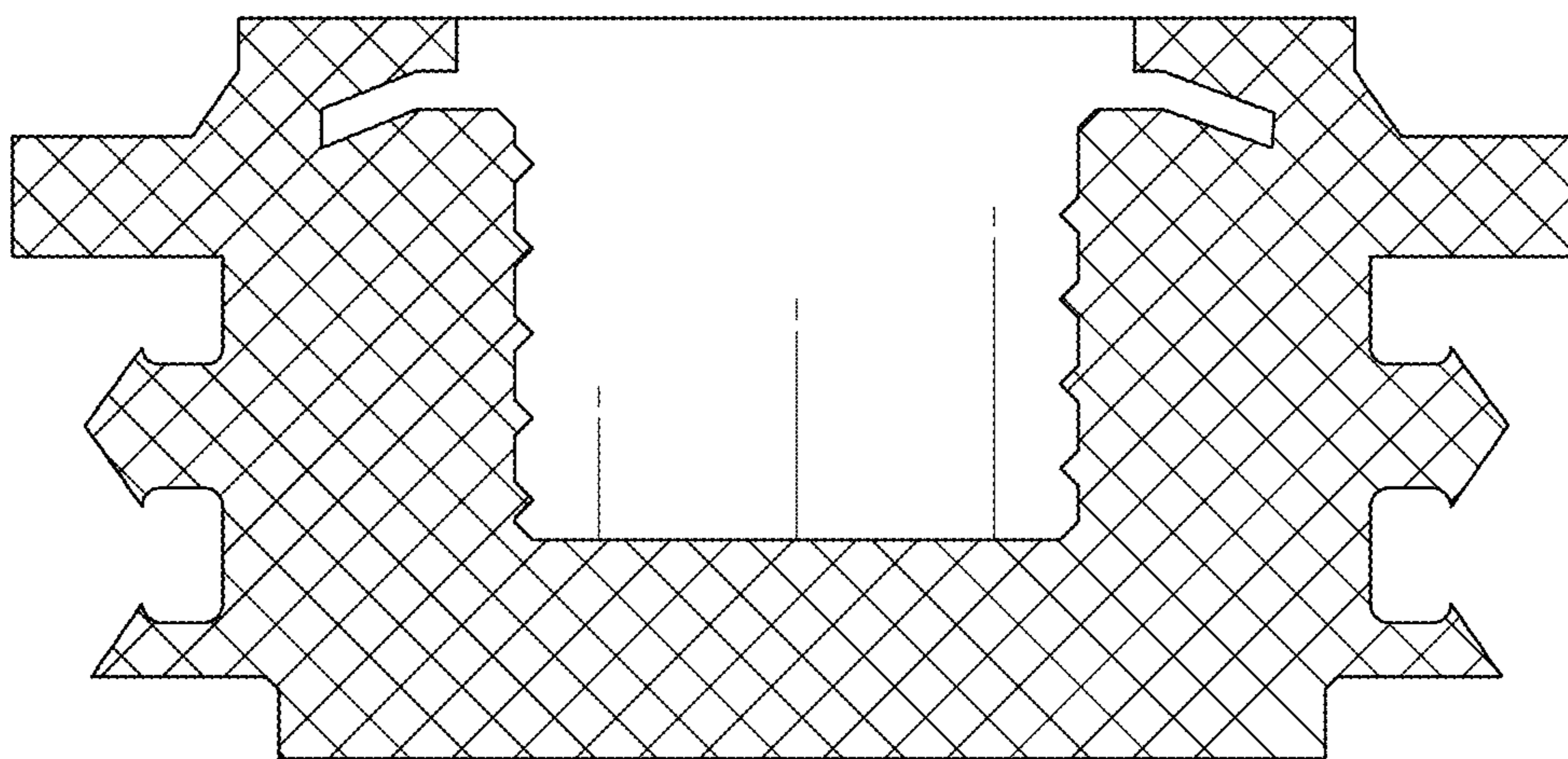


FIG. 8