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

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(54) **SILENCER FOR AIR PRESSURE DEVICES**

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/138**

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D15/138, 139, 140; D22/108, 199; 55/276,
55/315, 320; 60/39.33; 89/14.4; 180/21;
181/226, 227, 230, 242, 243, 246, 249, 251,
181/255, 256, 258, 265, 282; 422/180
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,354,416	A *	9/1920	Oliver	.....	89/14.4
1,821,013	A *	9/1931	Hamilton	.....	181/266
4,316,523	A *	2/1982	Boretti	.....	181/226
4,971,612	A *	11/1990	Loughran	.....	96/387
6,085,864	A *	7/2000	Copeland et al.	.....	181/242
D439,630	S *	3/2001	Ellington et al.	.....	D22/199
6,312,650	B1 *	11/2001	Frederiksen et al.	.....	422/180

6,374,718	B1 *	4/2002	Rescigno et al.	.....	89/14.4
6,543,501	B2 *	4/2003	Ferreira	.....	181/282
6,543,577	B1 *	4/2003	Ferreira et al.	.....	181/282
6,715,583	B2 *	4/2004	Santos	.....	181/251
6,802,388	B2 *	10/2004	Wolf et al.	.....	181/265
7,159,692	B1 *	1/2007	Frederiksen et al.	.....	181/249
7,247,180	B1 *	7/2007	Hill	.....	55/315
7,624,841	B2 *	12/2009	Bae et al.	.....	181/249

* cited by examiner

Primary Examiner—Sandra Snapp
Assistant Examiner—Patricia Palasik

(57) **CLAIM**

The ornamental design for a silencer for air pressure devices, as shown and described.

DESCRIPTION

FIG. 1 shows a front view of a silencer for air pressure devices showing my new design;

FIG. 2 shows a rear view thereof;

FIG. 3 shows a right side view thereof;

FIG. 4 shows a left side view thereof;

FIG. 5 shows a top view thereof;

FIG. 6 shows a bottom view thereof;

FIG. 7 shows a top, front and left side perspective view thereof; and,

FIG. 8 shows a cross-sectional view thereof, taken along line 8—8 in FIG. 7.

1 Claim, 4 Drawing Sheets

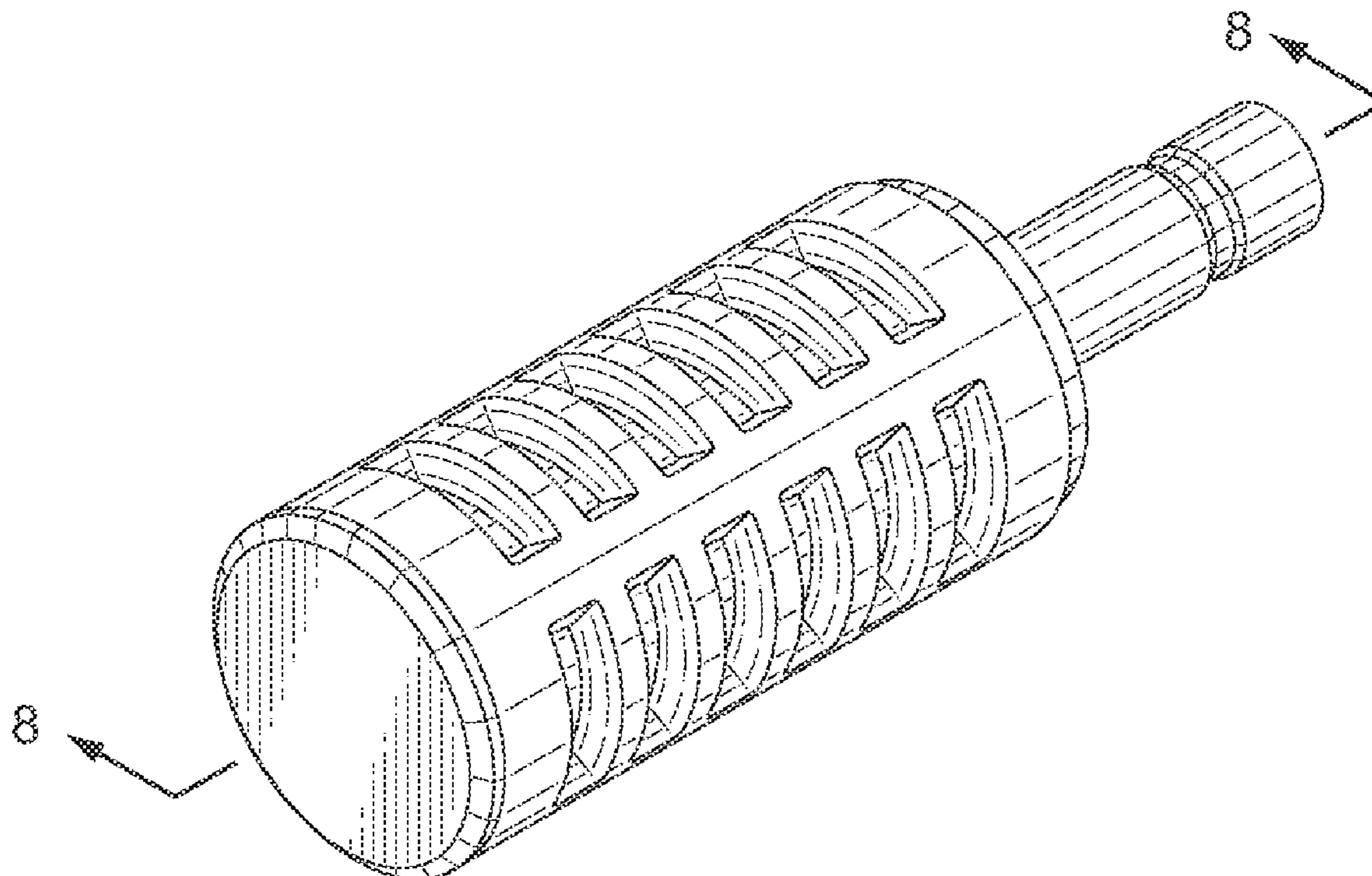


FIG. 1

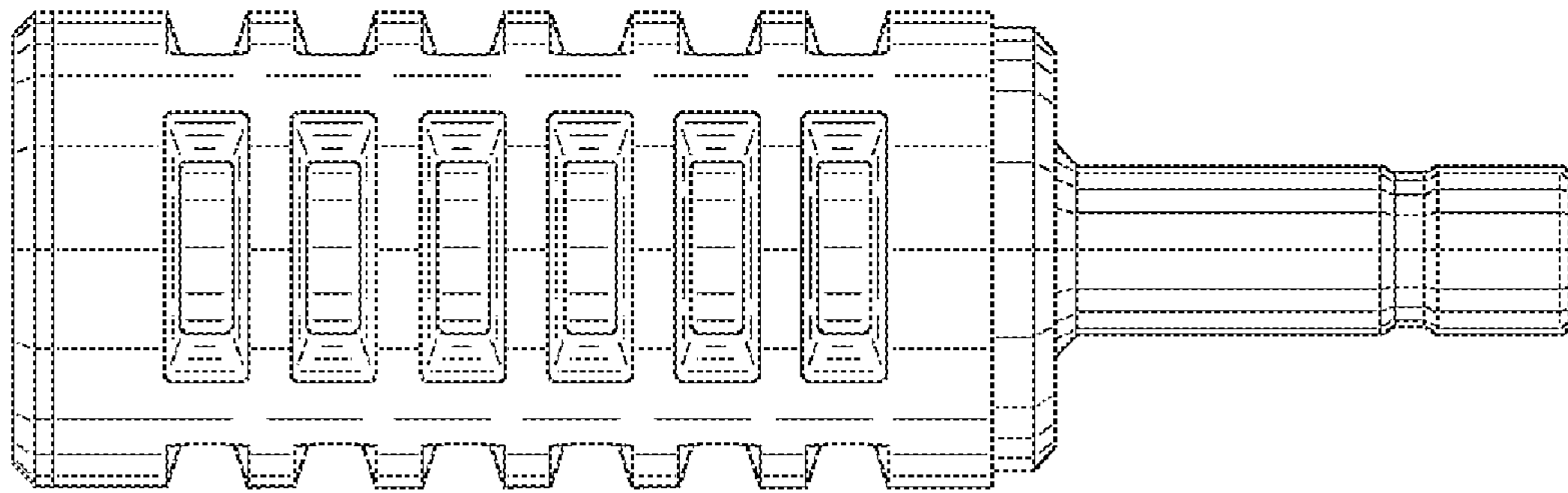


FIG. 2

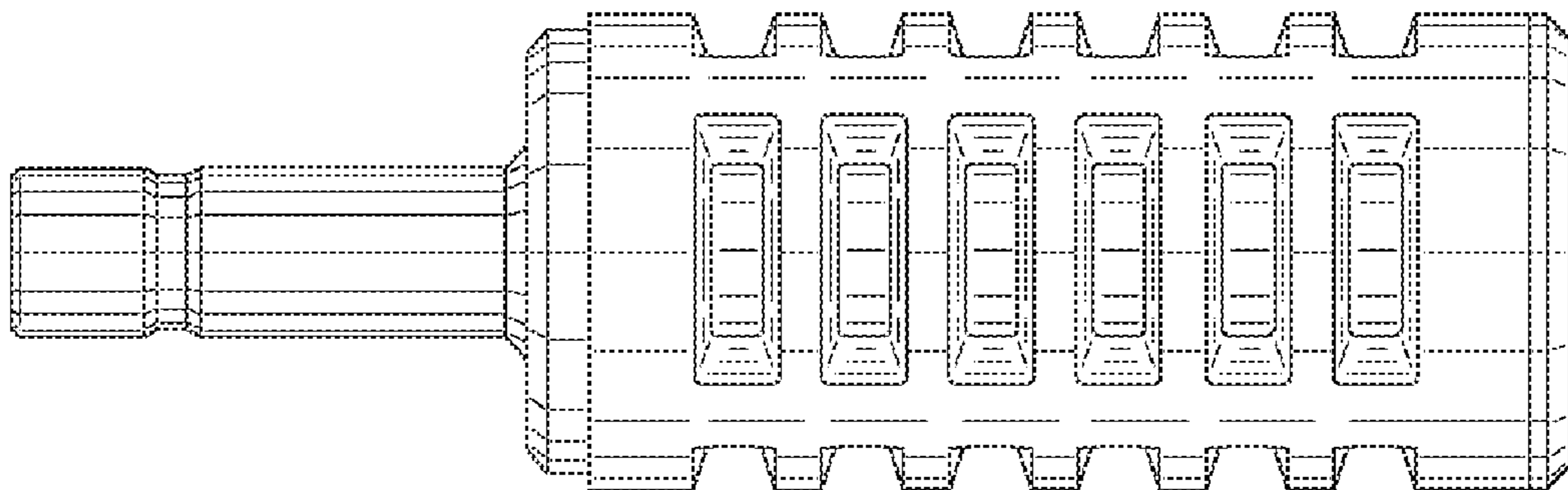


FIG. 3

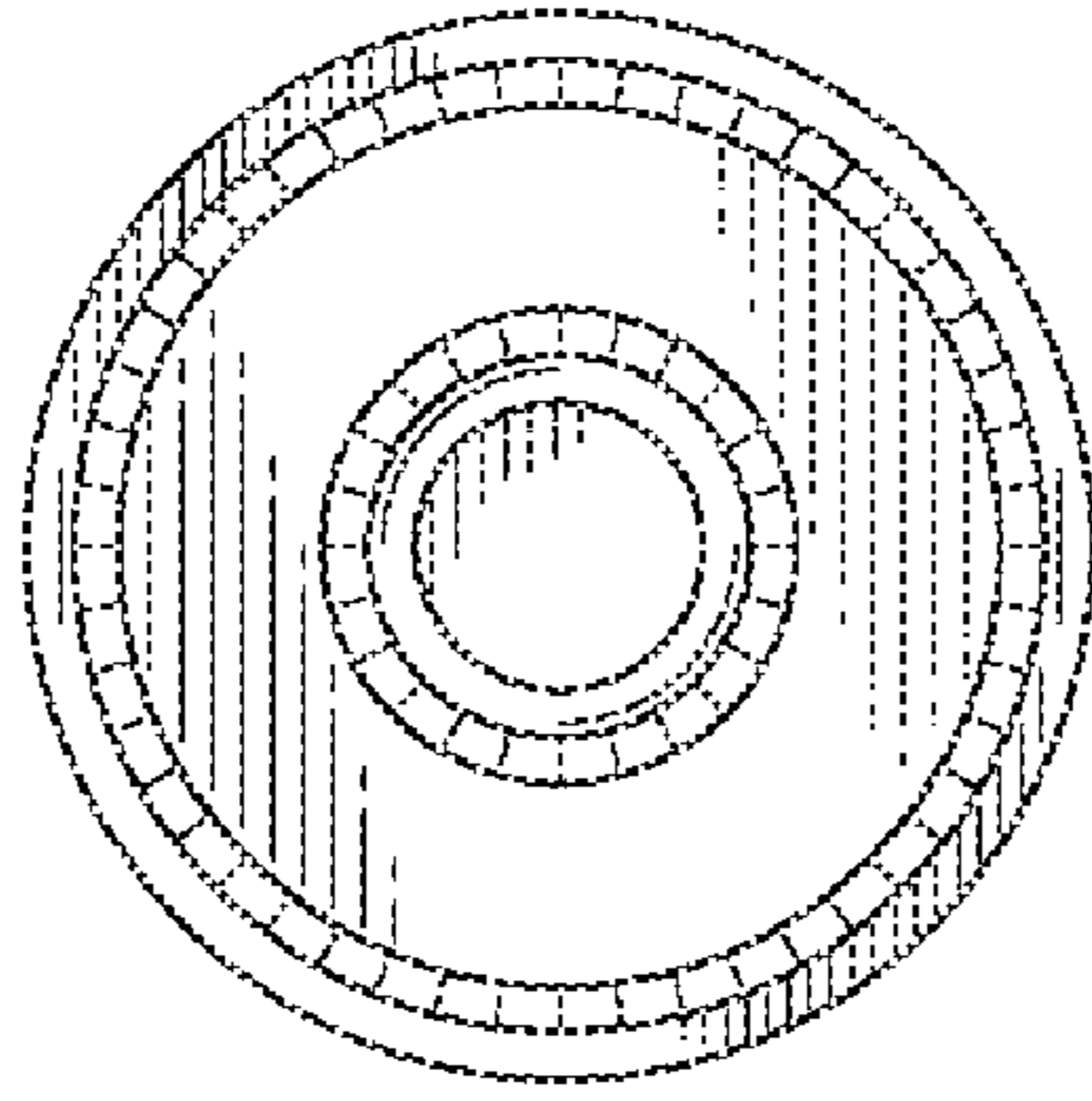


FIG. 4

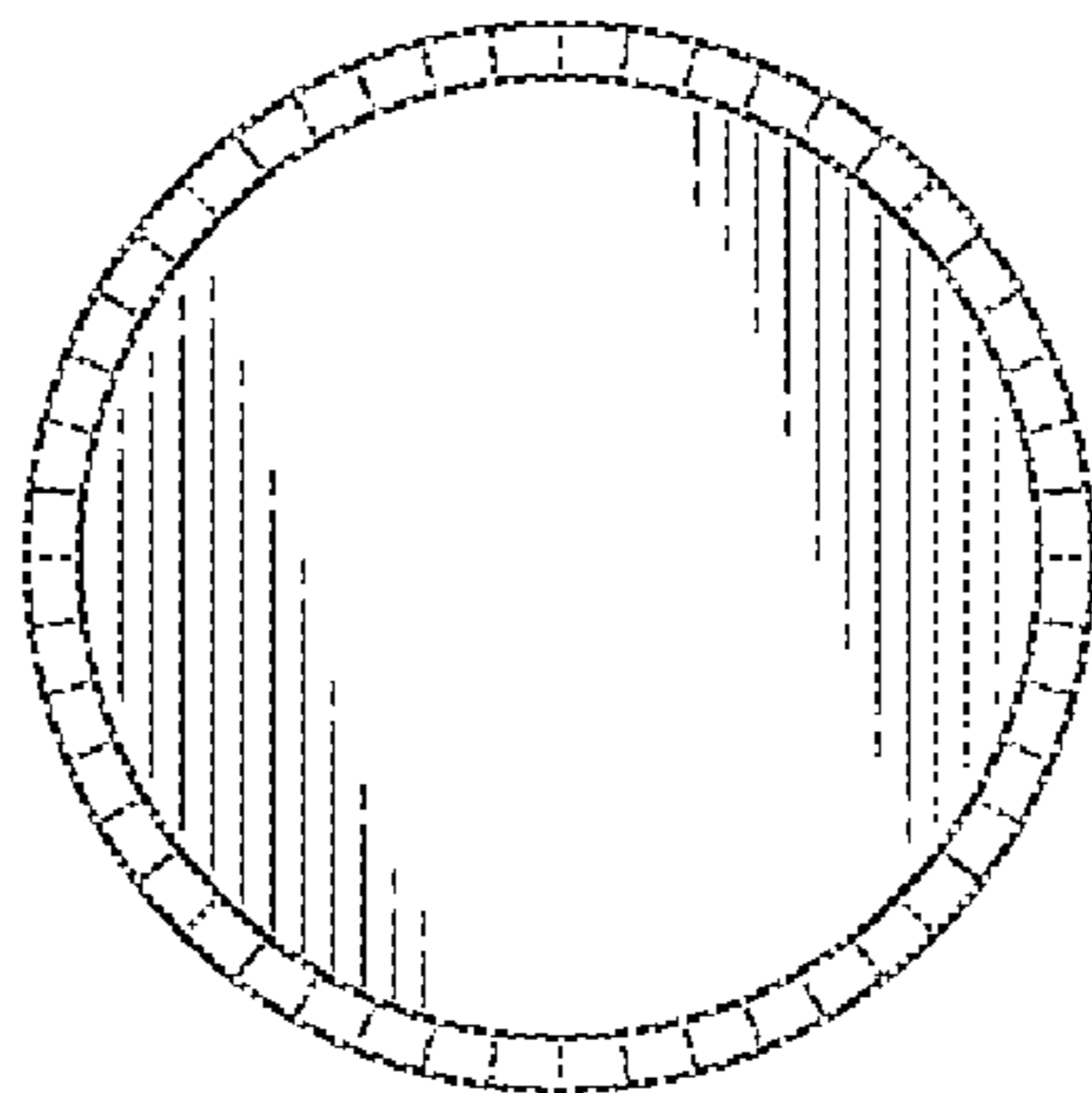


FIG. 5

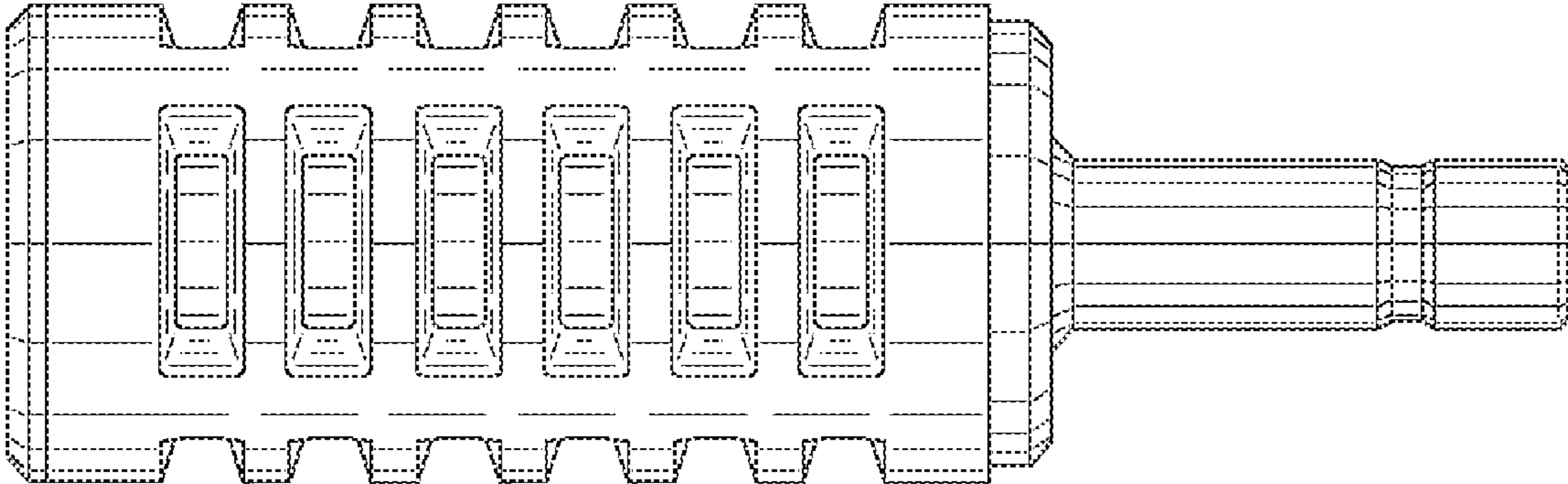


FIG. 6

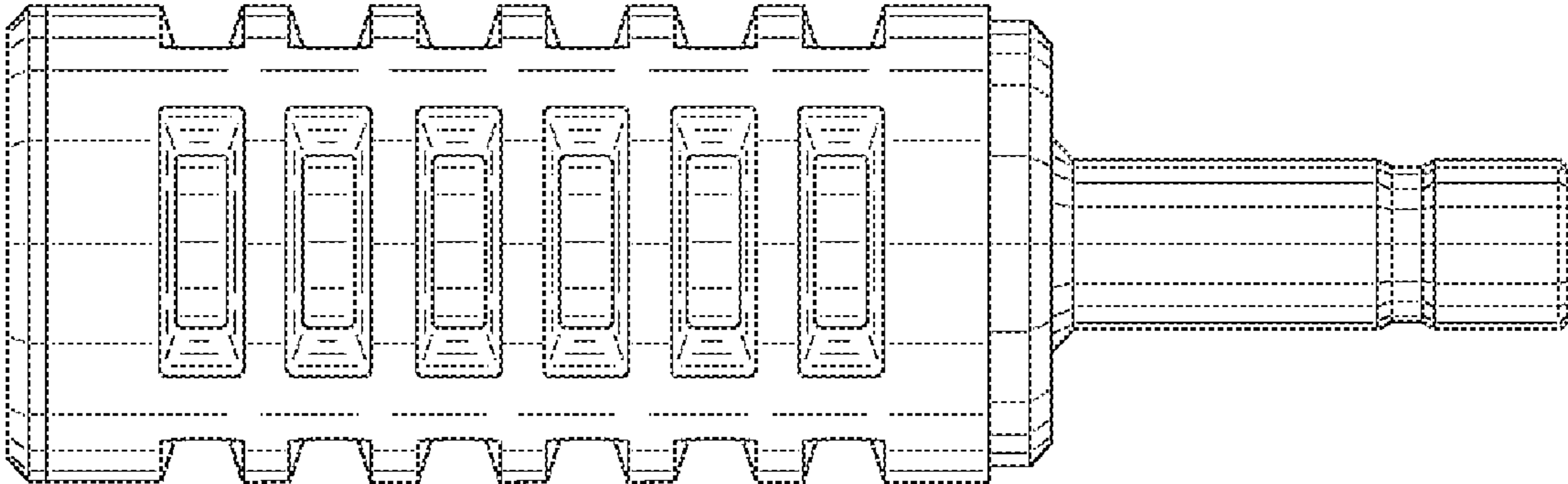


FIG. 7

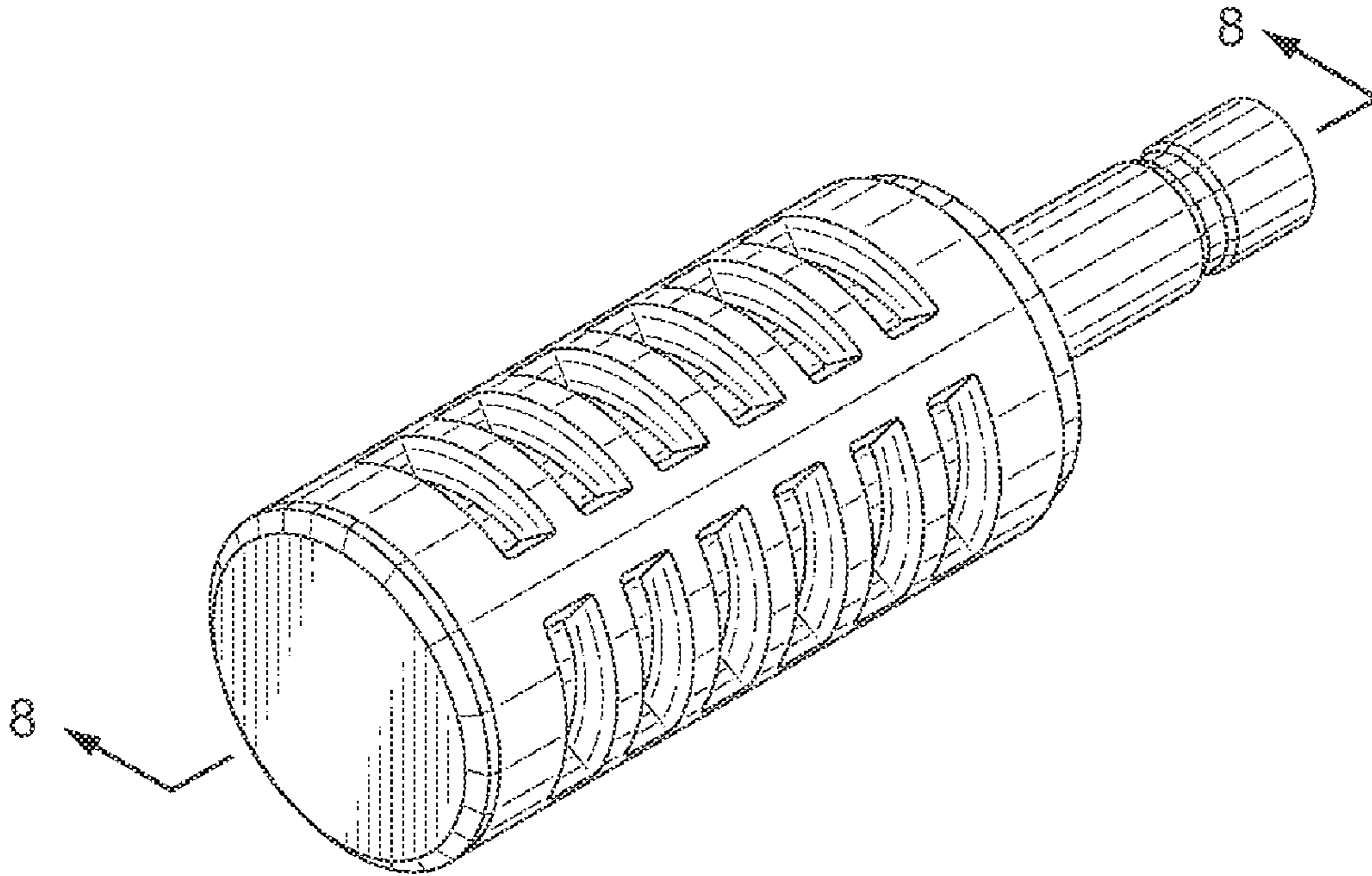


FIG. 8

