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(12) United States Design Patent

Nguyen et al.

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(54) **MAGNETIC ACTUATOR**

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(73) Assignee: **RB Distribution, Inc.**, Colmar, PA (US)

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

(21) Appl. No.: **29/561,991**

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(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/173**

(58) **Field of Classification Search**
USPC D13/158, 166, 173, 174; D8/349, 382
CPC F01L 1/34; F01L 1/34406; F01L 1/34409; H01F 7/128
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,231,330	A	11/1980	Garcea	
4,811,698	A	3/1989	Akasaka et al.	
5,163,872	A	11/1992	Niemiec et al.	
6,155,220	A	12/2000	Marriott	
D607,851	S *	1/2010	Miyasaka	D13/173
D633,872	S *	3/2011	Shen	D13/155
D643,378	S *	8/2011	Pippert	D13/173
8,136,790	B2 *	3/2012	Hoppe	F01L 1/34 251/129.15
D695,591	S *	12/2013	Ackerman	D8/349
D701,451	S *	3/2014	Momiyama	D8/382
8,674,795	B2 *	3/2014	Reuber	H01F 7/13 335/179
8,800,515	B1	8/2014	Smith	
D738,326	S *	9/2015	Bulla	D13/173
D775,933	S *	1/2017	Hill	D8/349
2008/0084263	A1 *	4/2008	Kondoh	F16K 31/0613 335/255
2009/0200502	A1 *	8/2009	Hoppe	F01L 1/34 251/129.15
2010/0095919	A1 *	4/2010	Myers	F01L 1/34 123/90.17
2011/0253085	A1 *	10/2011	Kokubo	F01L 1/352 123/90.17

(Continued)

OTHER PUBLICATIONS

A set of three photographs that disclose a prior art OE part.

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(74) *Attorney, Agent, or Firm* — Volpe and Koenig, P.C.

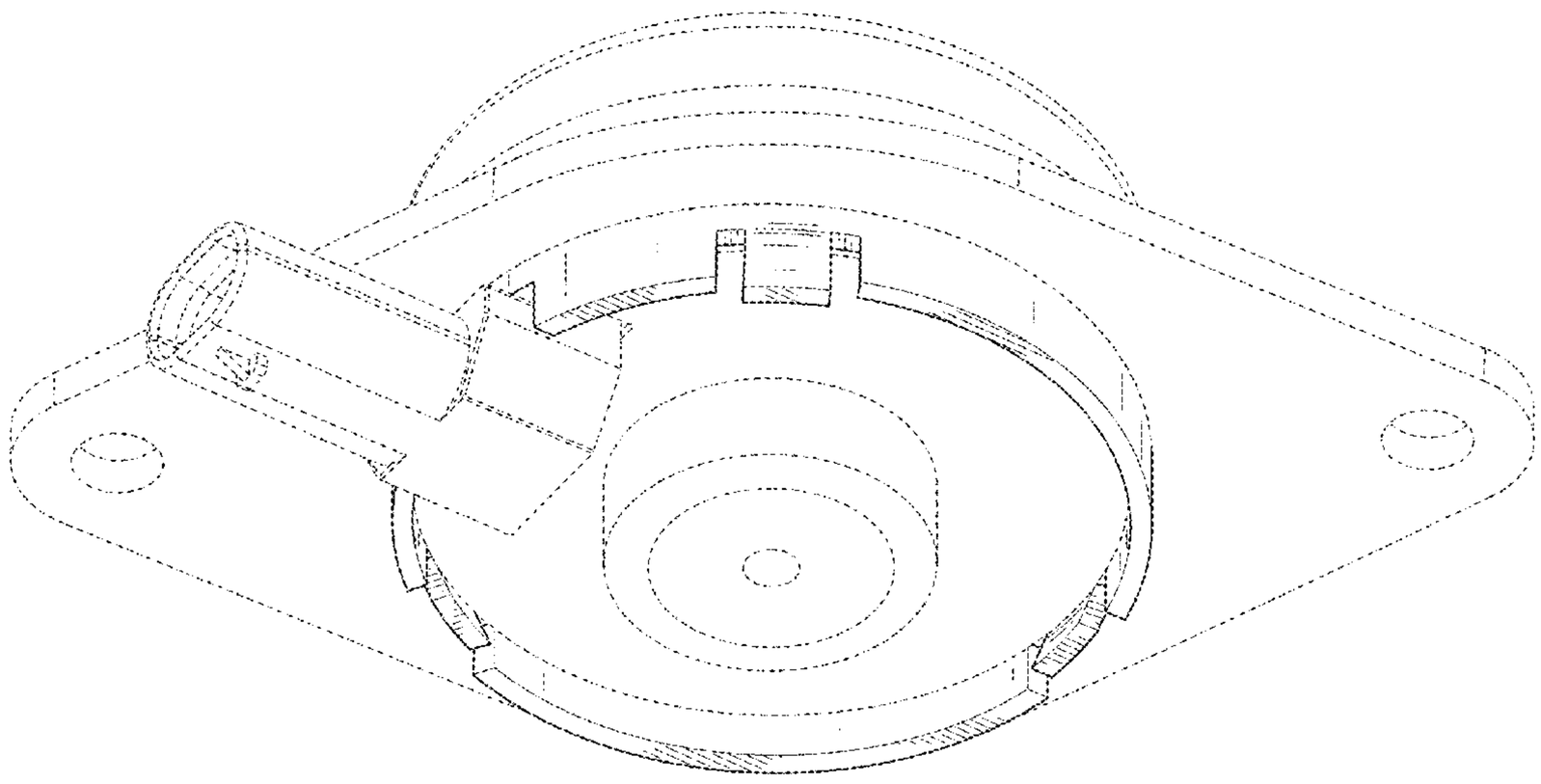
(57) **CLAIM**

The ornamental design for magnetic actuator, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective of a magnetic actuator according to the invention;
FIG. **2** is a front elevation of the magnetic actuator of FIG. **1**;
FIG. **3** is a rear elevation of the magnetic actuator of FIG. **1**;
FIG. **4** is a right side elevation of the magnetic actuator of FIG. **1**;
FIG. **5** is a left side elevation of the magnetic actuator of FIG. **1**;
FIG. **6** is a top plan view of the magnetic actuator of FIG. **1**; and,
FIG. **7** is a bottom plan view of the magnetic actuator of FIG. **1**.
The broken lines in the drawings illustrate portions of the magnetic actuator that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2015/0061799	A1*	3/2015	Dayton	H01F 7/081 335/280
2015/0214606	A1*	7/2015	Sano	H01Q 7/08 343/721
2016/0187762	A1*	6/2016	Lenzo	G03B 17/08 335/219

* cited by examiner

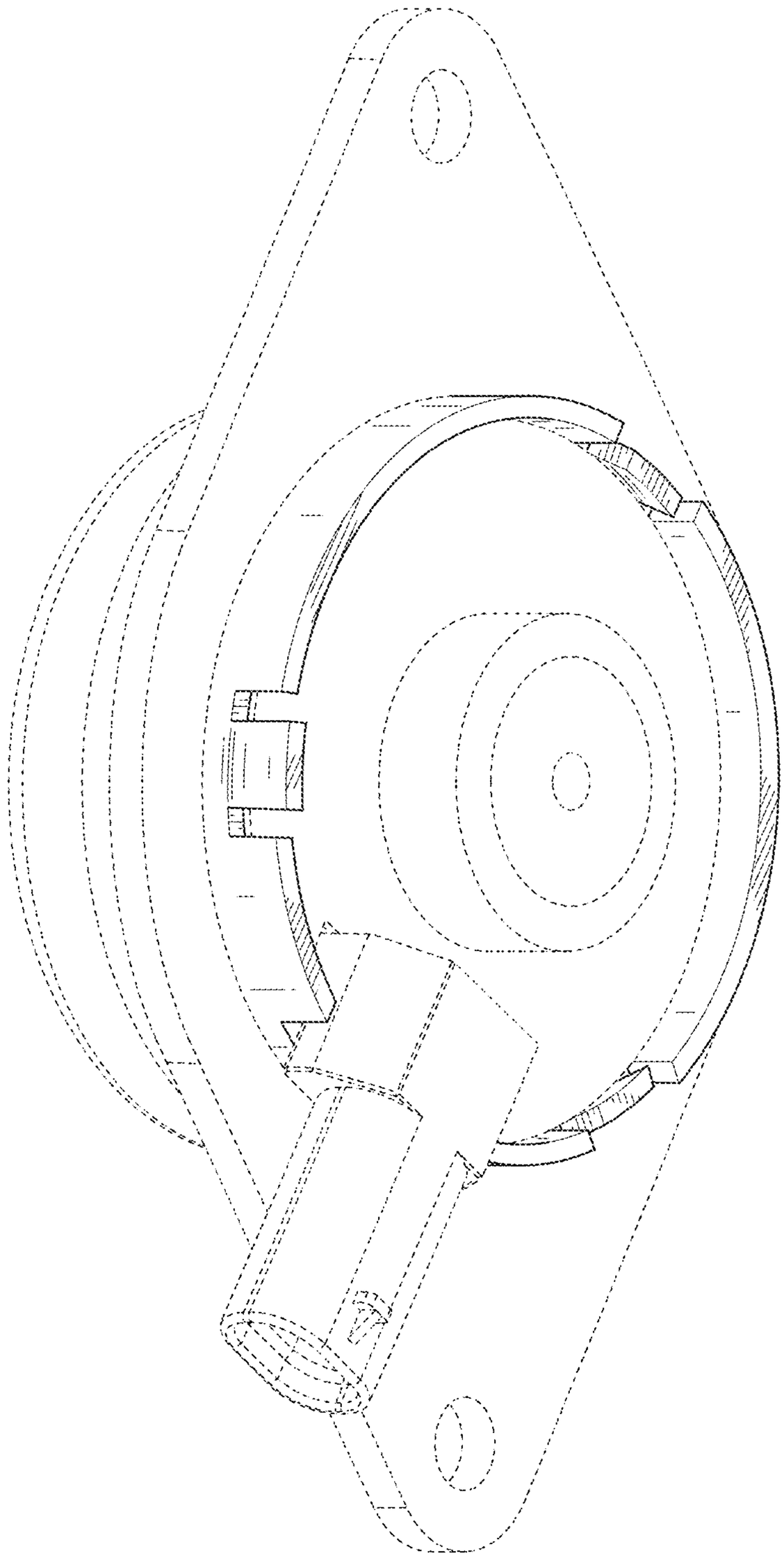


FIG. 1

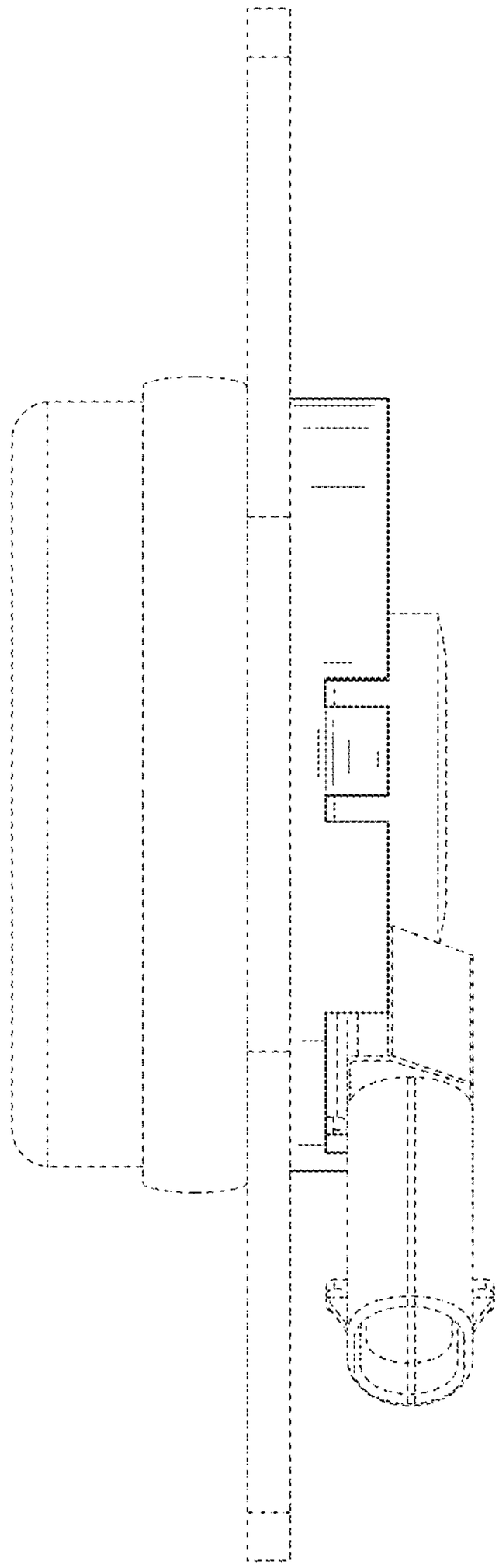


FIG. 2

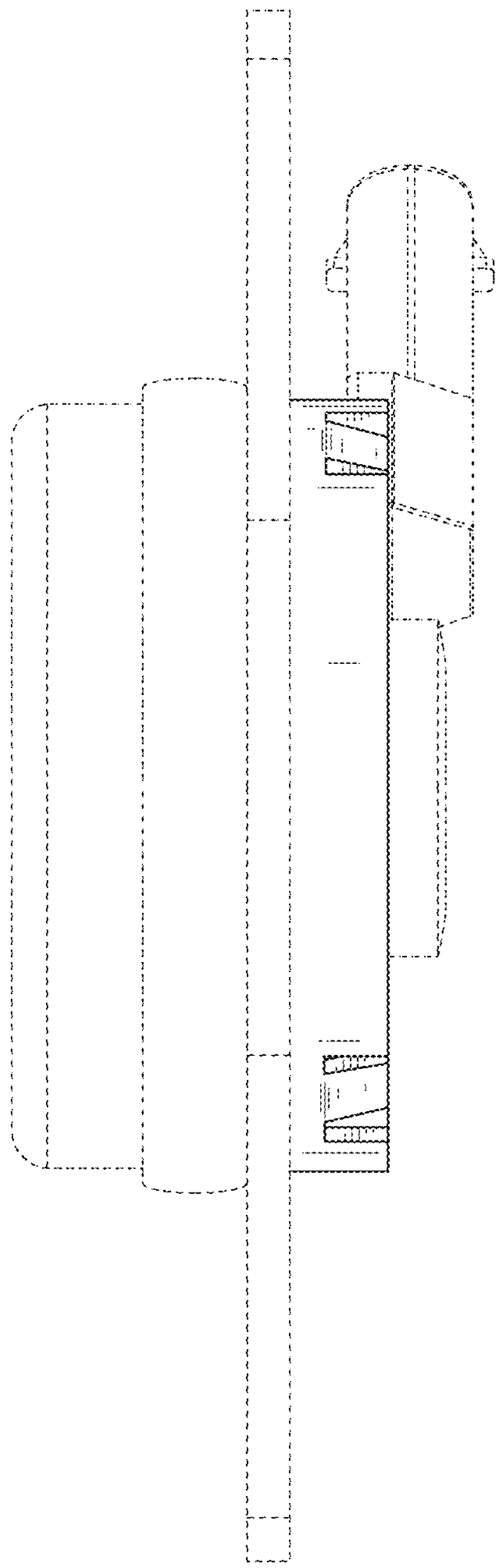


FIG. 3

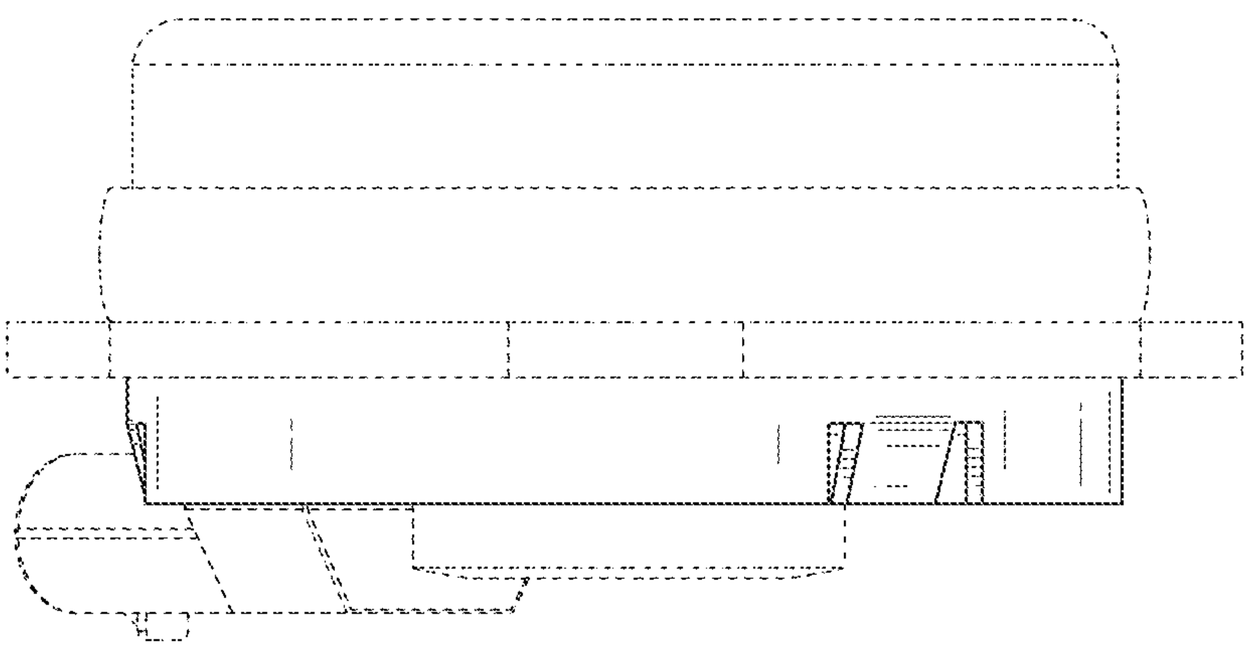


FIG. 4

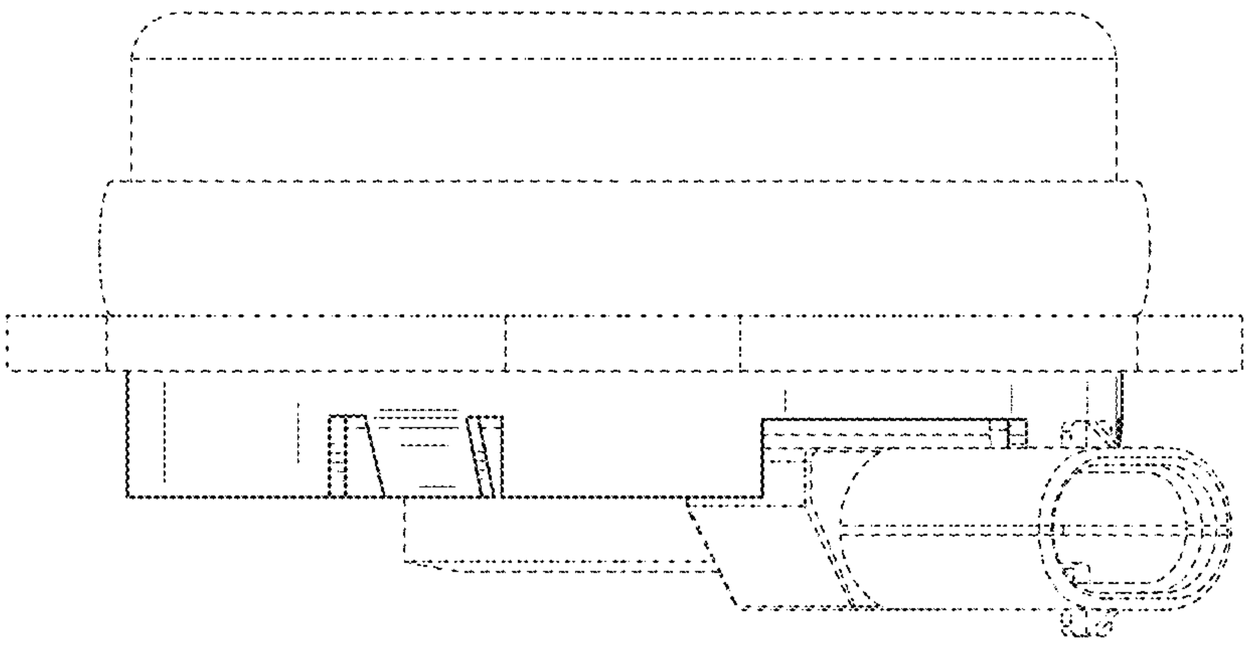


FIG. 5

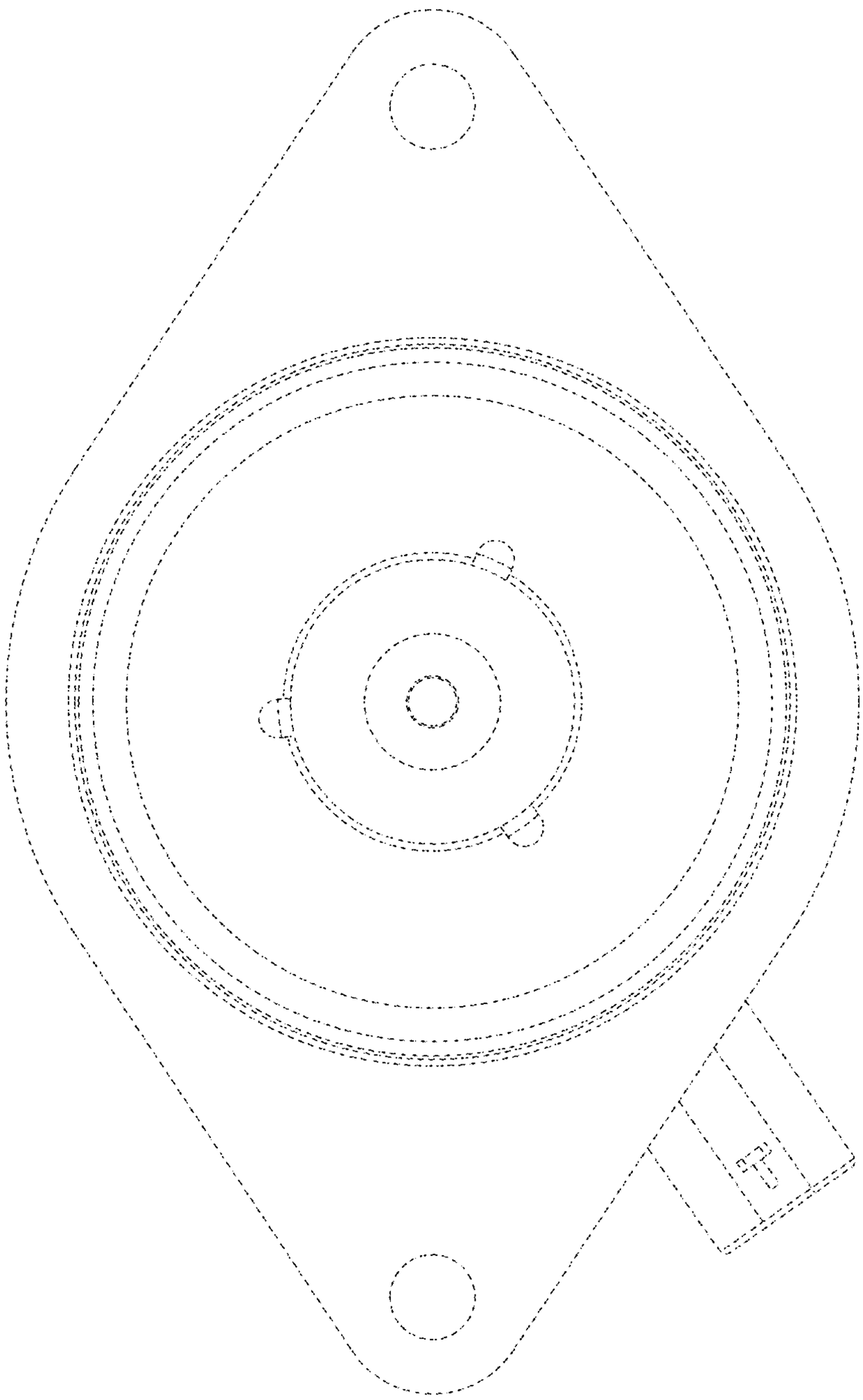


FIG. 6

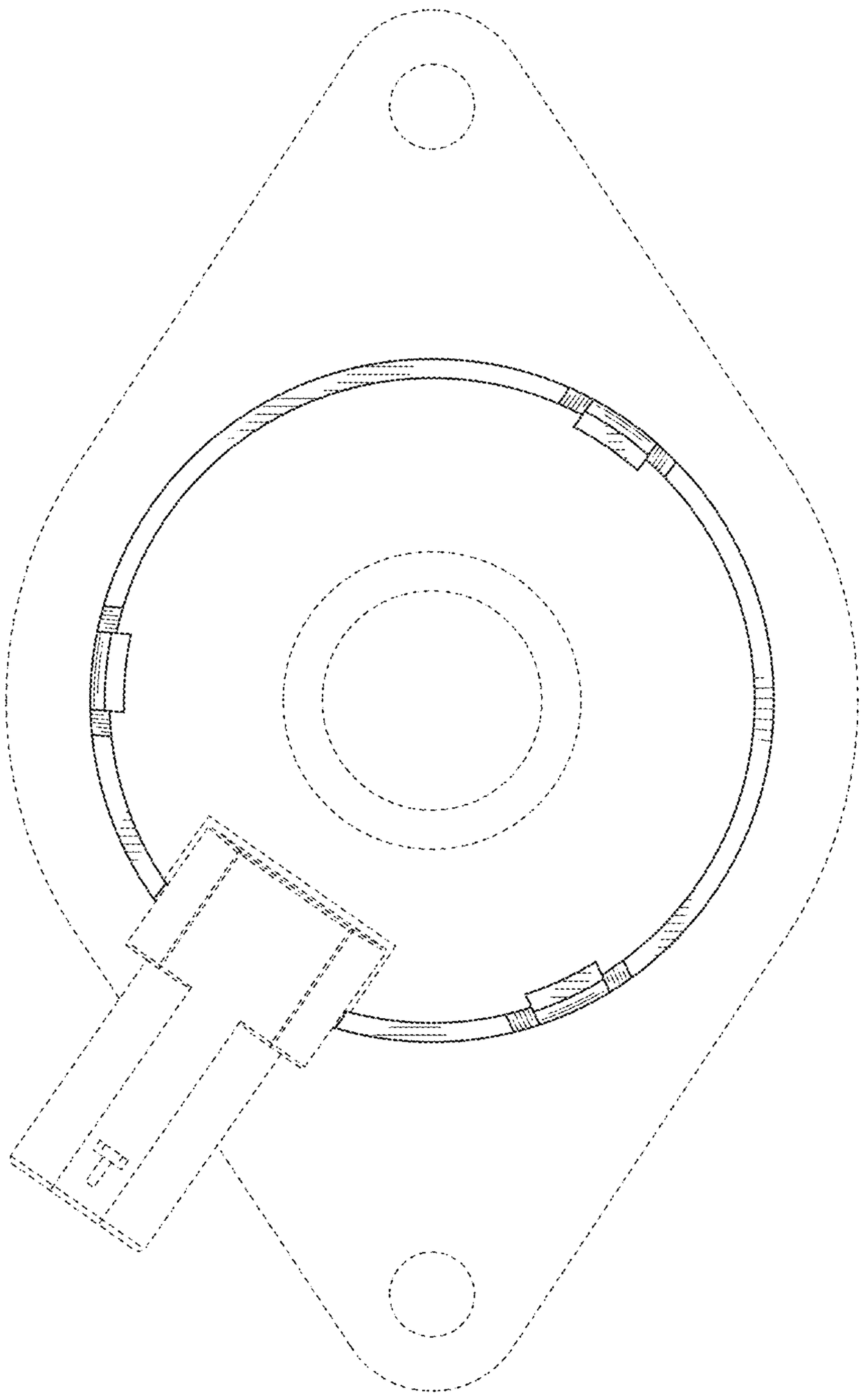


FIG. 7