US00D981205S

(12) United States Design Patent

Lu

(10) Patent No.: US D981,205 S
(45) Date of Patent: ** Mar. 21, 2023

(54) **ELECTRONIC DOOR KNOB**

(71) Applicant: **Jun Lu**, Guangdong (CN)

(72) Inventor: **Jun Lu**, Guangdong (CN)

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

(21) Appl. No.: **29/766,496**

(22) Filed: **Jan. 15, 2021**

(51) **LOC (14) Cl.** **08-07**

(52) **U.S. Cl.**
USPC **D8/330**

(58) **Field of Classification Search**
USPC D8/334, 333, 343, 339, 335, 330, 331, D8/332; D99/28, 34, 35, 36
CPC E05B 77/00; E05B 71/00; E05B 67/36; E05B 65/00; E05B 67/063; E05B 13/10; E05B 2047/0084; E05B 77/28; E05B 37/00; E05B 2047/0068; E05B 2047/0024; E05B 85/10; E05B 37/025; E05B 41/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,318,123	A *	5/1967	Piazza	E05B 17/2042 70/447
D297,807	S *	9/1988	Fildan	D8/312
4,953,372	A *	9/1990	Lovell	E05B 37/12 70/74
5,609,051	A *	3/1997	Donaldson	G07C 9/0069 70/303 A
D382,790	S *	8/1997	Hankel	D8/301
6,382,001	B1 *	5/2002	Neeley	F16K 35/06 70/178
6,508,092	B1 *	1/2003	Laabs	E05B 9/084 248/222.12
D469,680	S *	2/2003	Laabs	D8/343
D482,596	S *	11/2003	Laabs	D8/343
D487,013	S *	2/2004	Jenks	D8/343
D627,622	S *	11/2010	Cosby	D8/339
9,732,894	B1 *	8/2017	Hartman	F16L 37/20
D891,901	S *	8/2020	Snodgrass	D8/311
D918,013	S *	5/2021	Yang	D8/333
D923,454	S *	6/2021	Chen	D8/331
D926,018	S *	7/2021	Snodgrass	D8/311
D937,655	S *	12/2021	Snodgrass	D8/301
2006/0065025	A1 *	3/2006	Viviano	E05B 63/04 70/134

(Continued)

OTHER PUBLICATIONS

Bothstar Keypad Door Knob, by Bothstar on amazon.com. Dated May 16, 2021. Found online [Jul. 22, 2022]. https://www.amazon.com/BOTHSTAR-Keyless-Install-Bedroom-Deadbolt/dp/B094W2L9RM.*

(Continued)

Primary Examiner — Eliza Z Harvey
Assistant Examiner — Kayla Marie Bennett
(74) *Attorney, Agent, or Firm* — ScienBiziP, P.C.

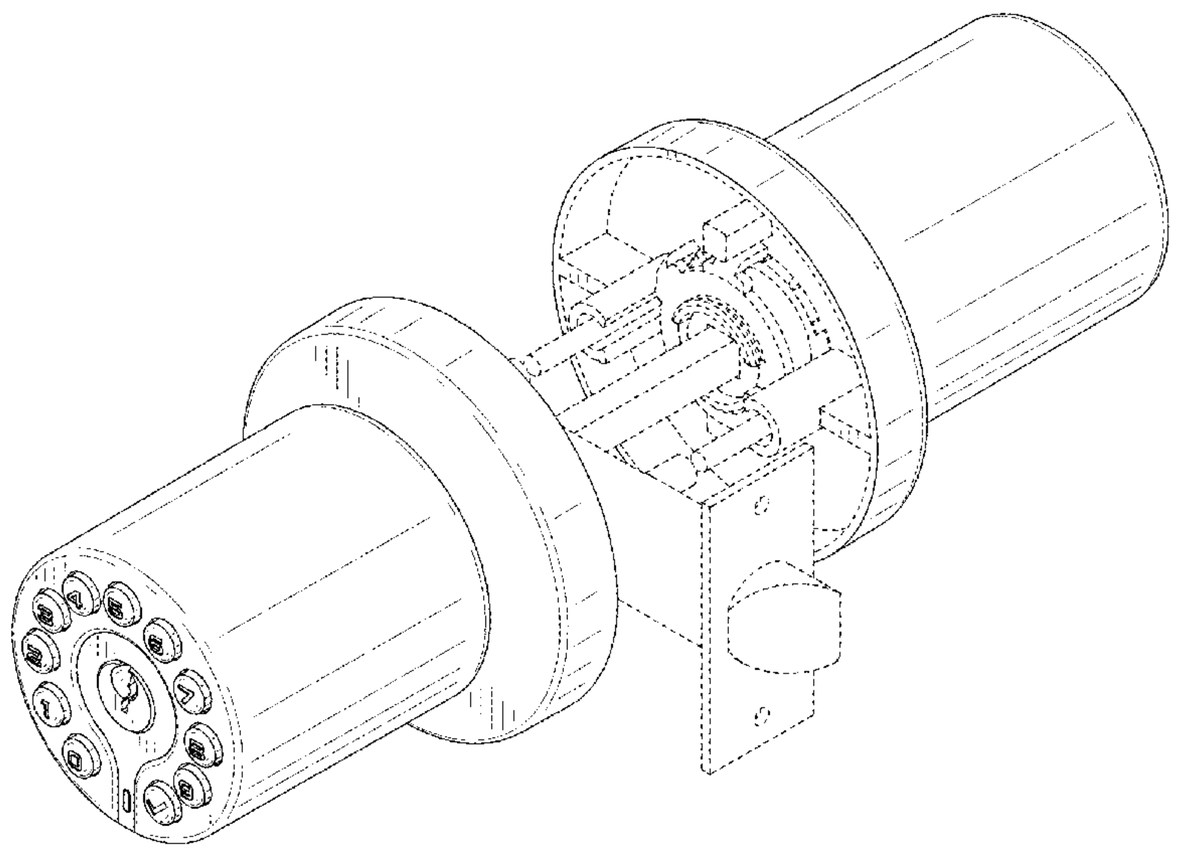
(57) **CLAIM**

The ornamental design for an electronic door knob, as shown and described.

DESCRIPTION

FIG. **1** is a front and top perspective view of an electronic door knob, showing my design.
FIG. **2** is a rear and bottom perspective view thereof.
FIG. **3** is a front elevation view thereof.
FIG. **4** is a rear elevation view thereof.
FIG. **5** is a left side elevation thereof.
FIG. **6** is a right side elevation thereof.
FIG. **7** is a top plan view thereof; and,
FIG. **8** is a bottom plan view thereof.
The broken lines shown in the drawings are included for the purpose of illustrating portions of the electronic door knob for environmental structure that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2020/0191259	A1*	6/2020	Bagley	G05G 5/05
2021/0388638	A1*	12/2021	Snodgrass	E05B 47/068

OTHER PUBLICATIONS

Lulock Code Dorr Lock, by lulock on amazon.com. Dated Jul. 25, 2021. Found online [Jul. 22, 2022]. https://www.amazon.com/Electronic-Waterproof-Passage-Function-Warehouse/dp/B09B5DS765.*

* cited by examiner

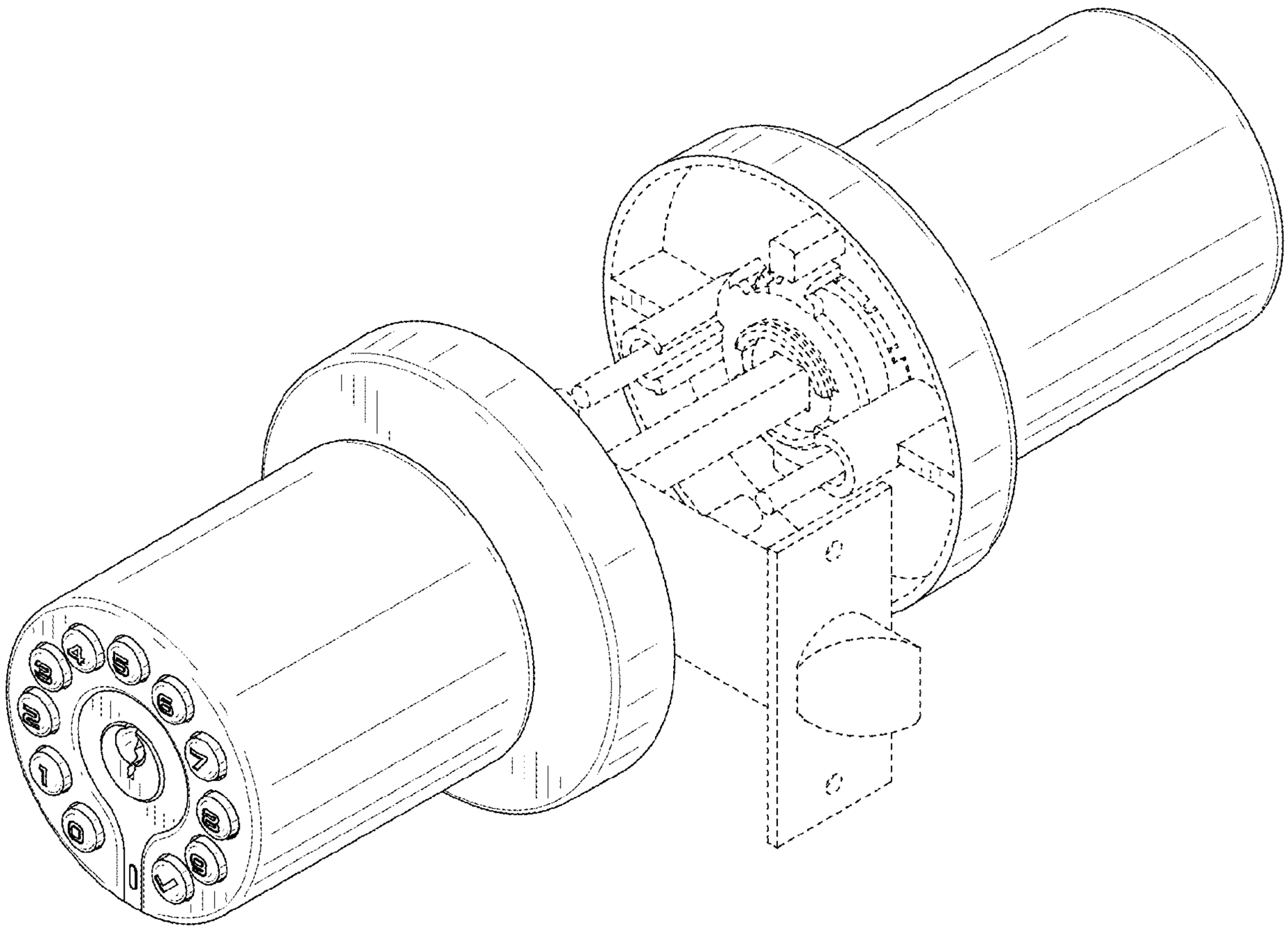


FIG. 1

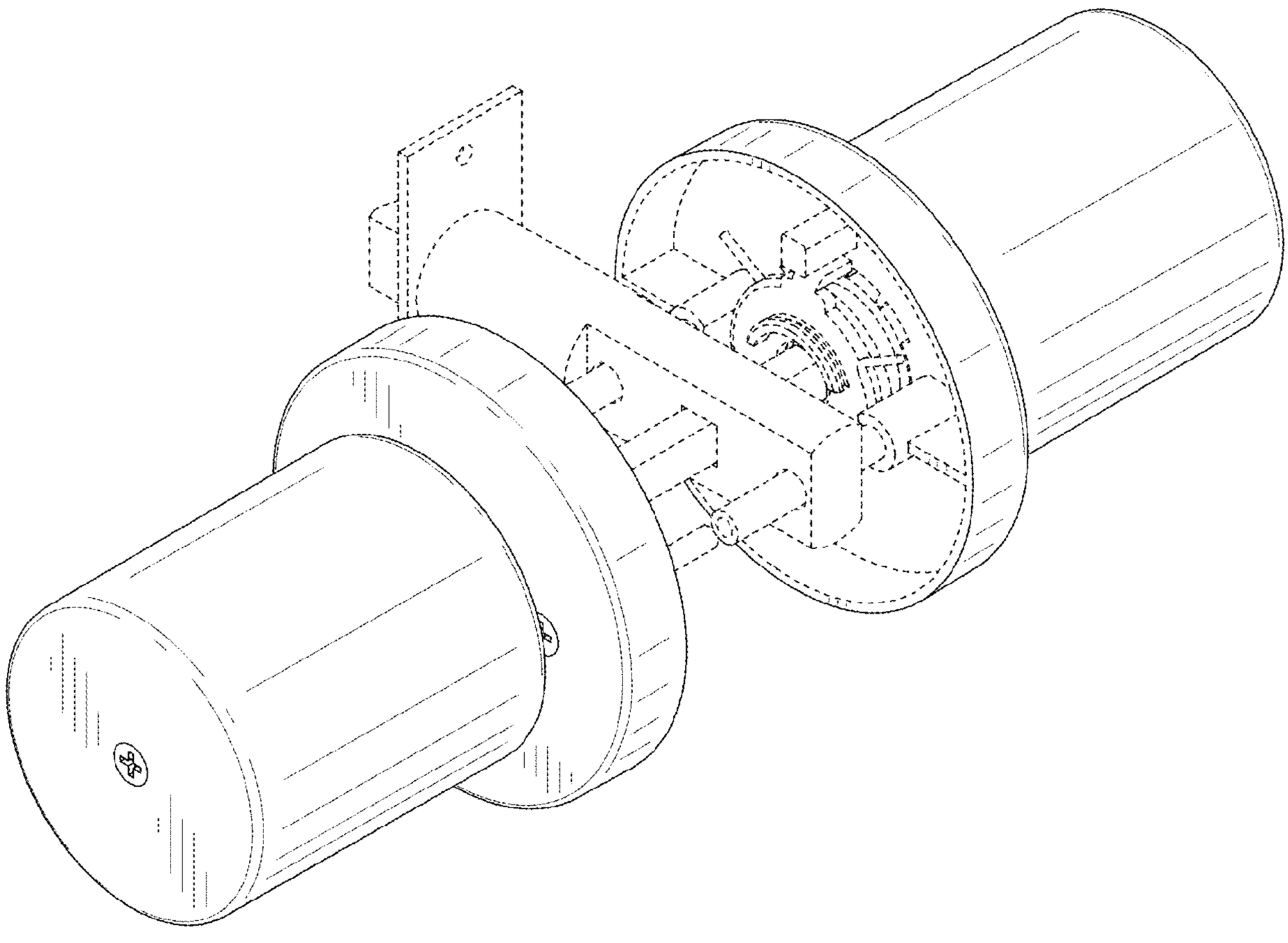


FIG. 2

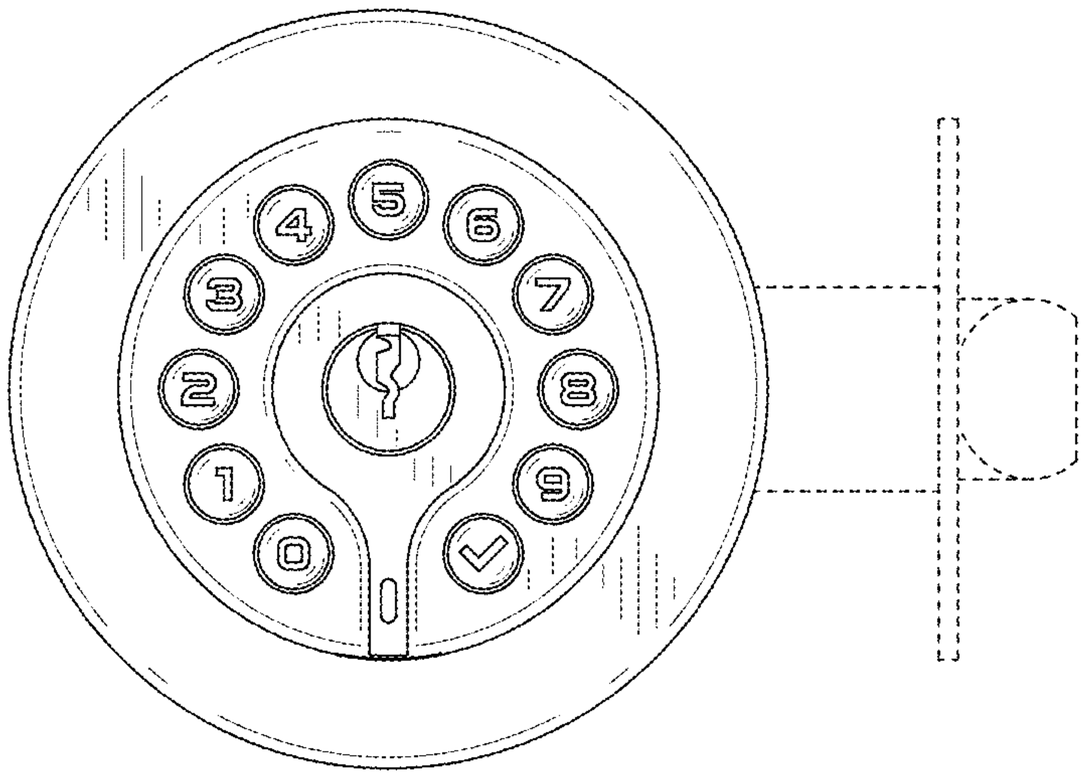


FIG. 3

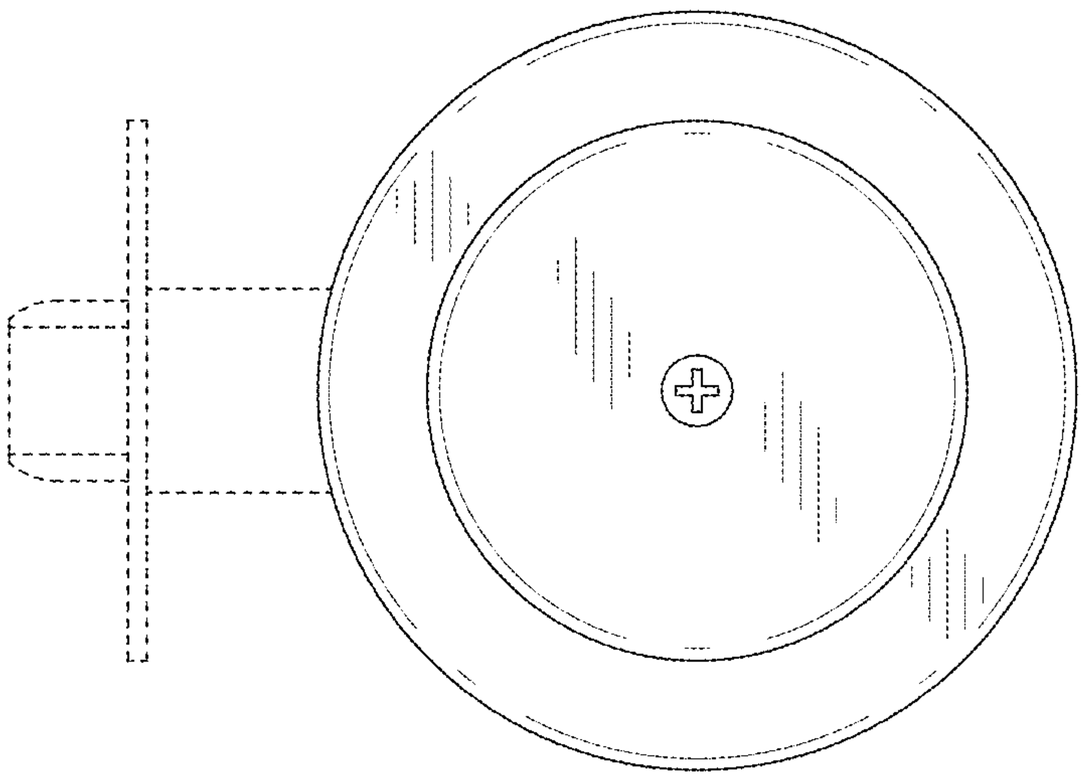


FIG. 4

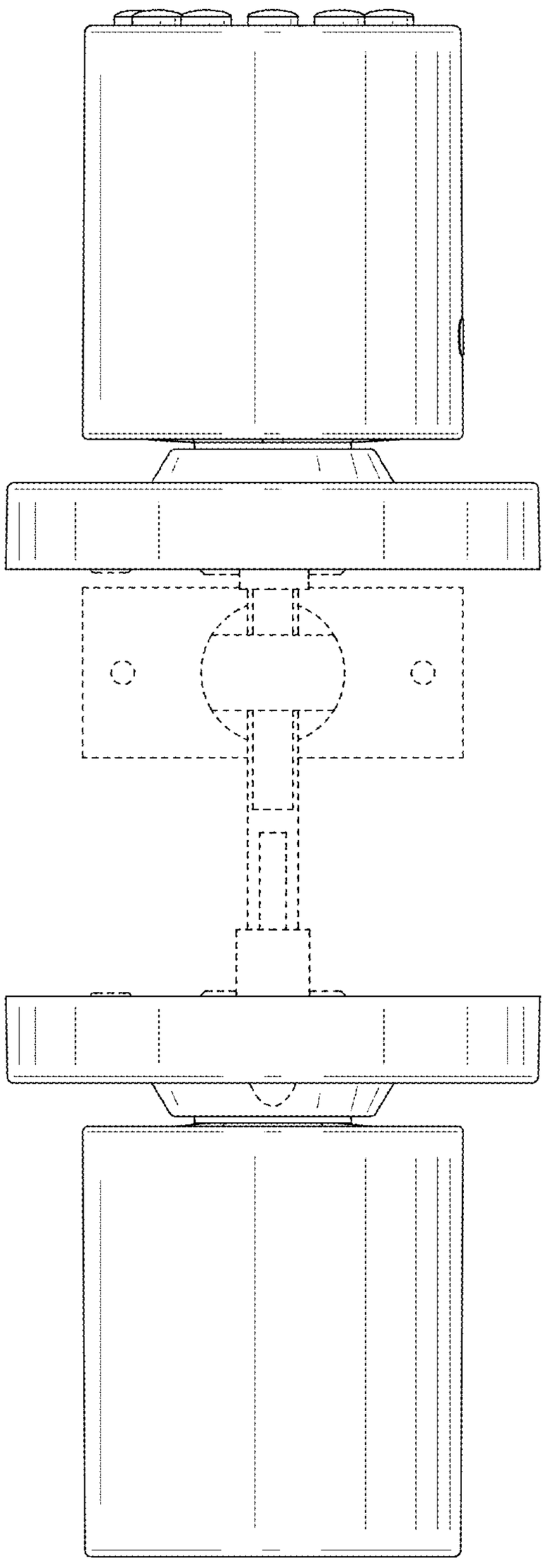


FIG. 5

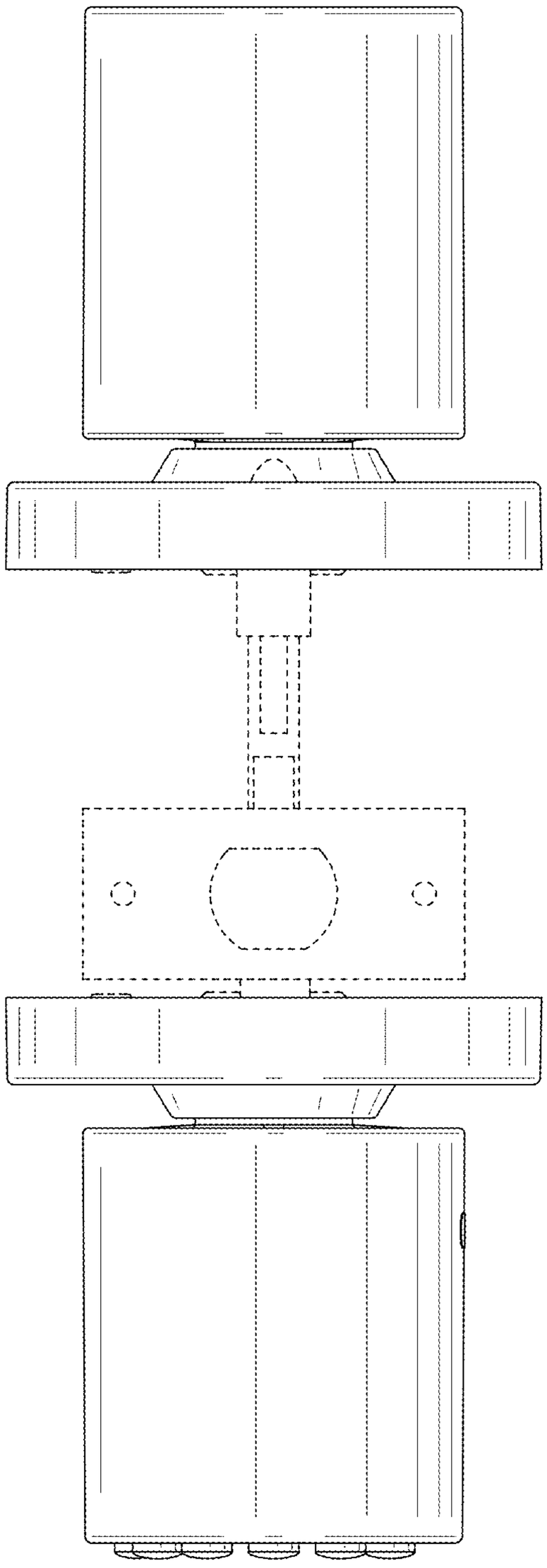


FIG. 6

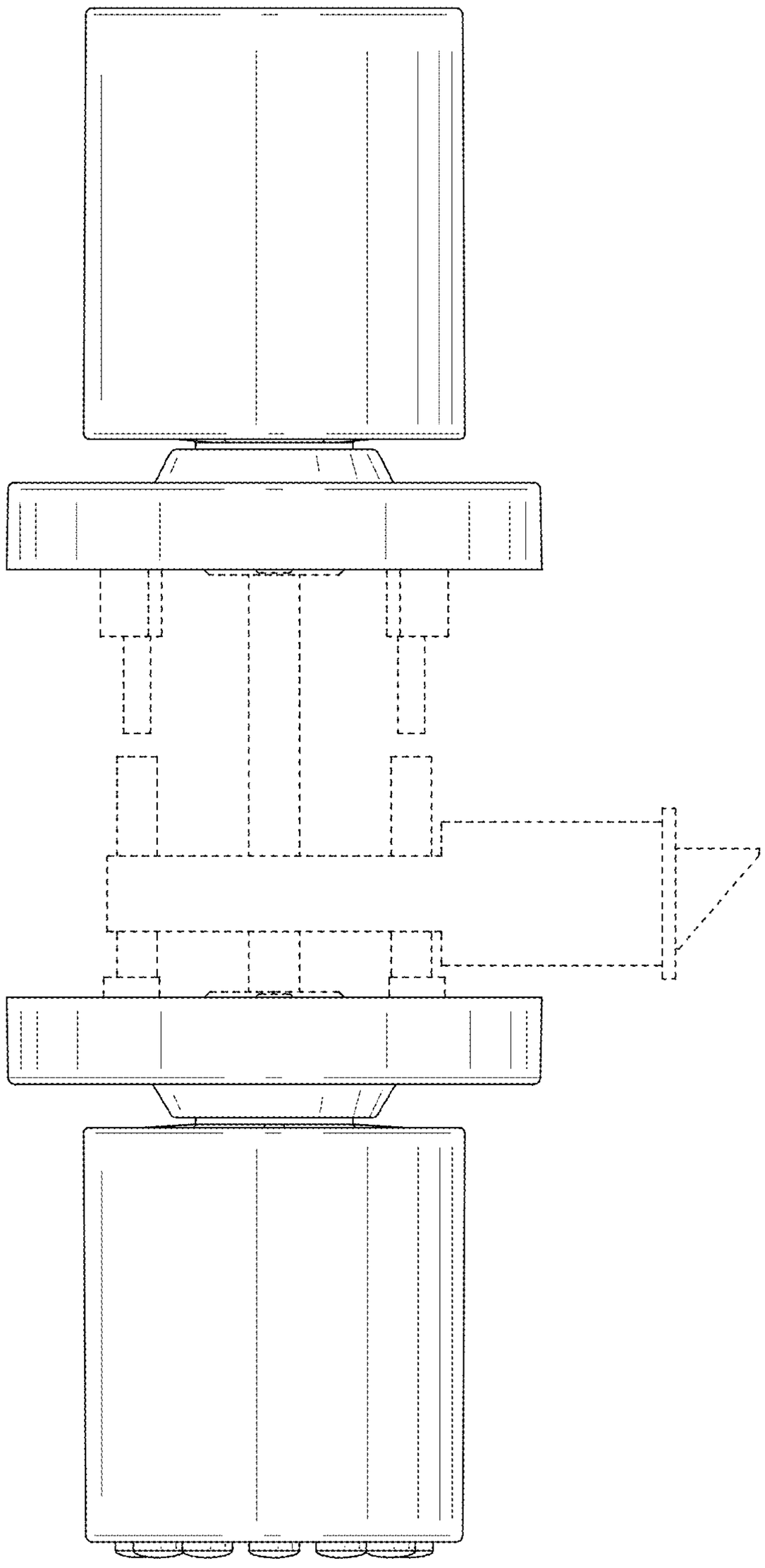


FIG. 7

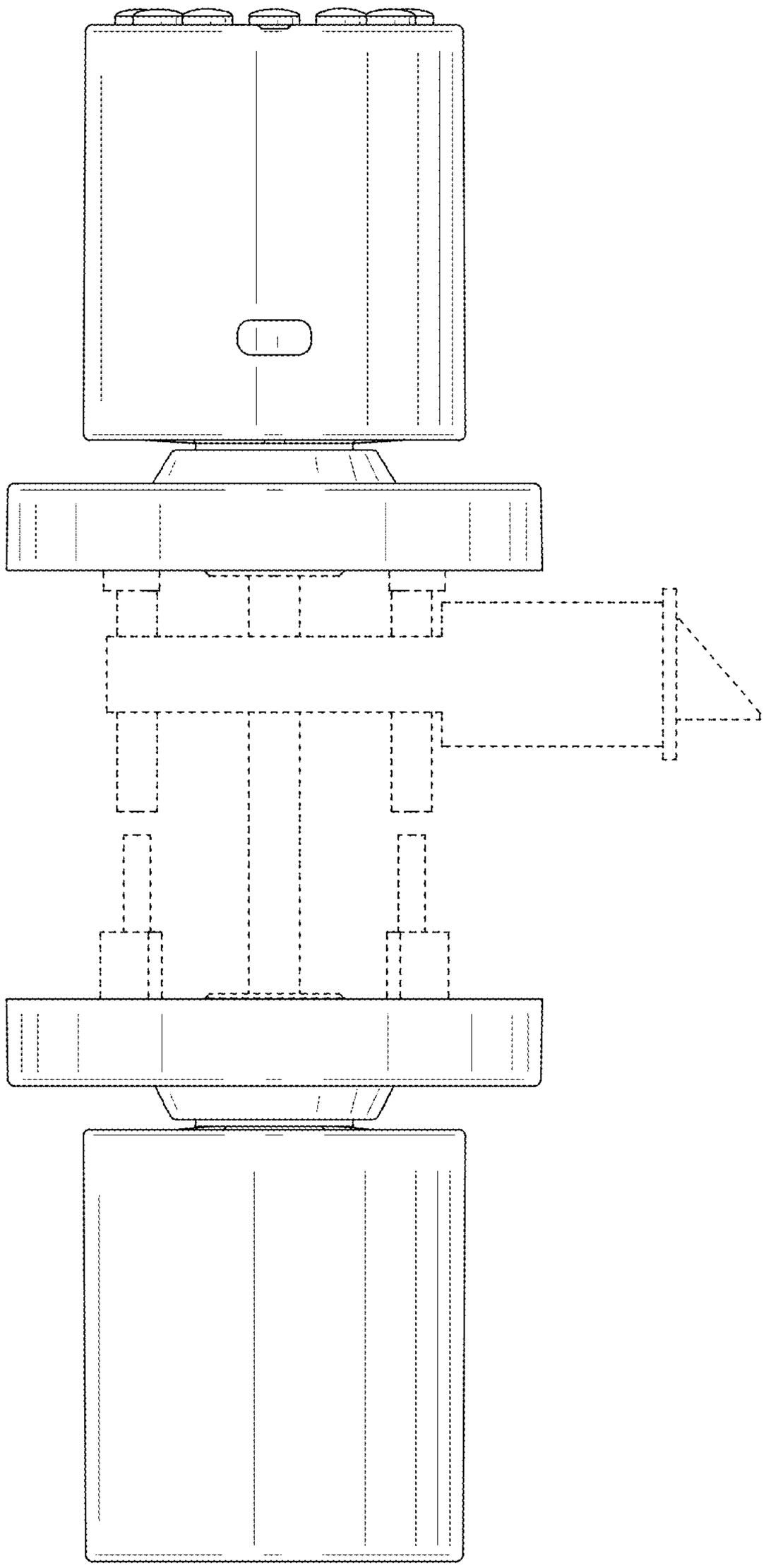


FIG. 8