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(12) United States Design Patent

Wang et al.

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(54) **JOINT MODULE OF ROBOTIC TOY**

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

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(51) **LOC (11) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/578**

(58) **Field of Classification Search**
USPC D14/302, 307; D15/199, 144; D16/134, D16/136, 200, 202–208, 218, 219; D21/578, 579, 576, 621–627, 630; D24/185
CPC . B25J 9/044; B25J 9/003; B25J 9/0078; B25J 9/102; B25J 18/00; B25J 18/002; B25J 18/04; B25J 18/007; B25J 15/00; B25J 15/0033; B25J 15/0038; A63H 27/12; A63H 30/04; A63H 33/005; A63H 33/26; A63H 33/04; A63H 33/042
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D563,486	S *	3/2008	Slater		D21/498
D673,988	S *	1/2013	Riegl		D16/202
D700,232	S *	2/2014	Ramsay		D16/207
D740,873	S *	10/2015	Scalisi		D16/203
D741,931	S *	10/2015	Huang		D16/202
D745,587	S *	12/2015	Leung		D16/203
D761,342	S *	7/2016	Kim		D16/203
D768,223	S *	10/2016	Wu		D16/203
D792,496	S *	7/2017	Meyer		D16/207
D811,463	S *	2/2018	Kim		D16/203
D824,460	S *	7/2018	Wang		D21/578
2006/0134978	A1 *	6/2006	Rosen		A63H 33/042 439/581
2016/0339351	A1 *	11/2016	Akishbekov		A63H 33/042

* cited by examiner

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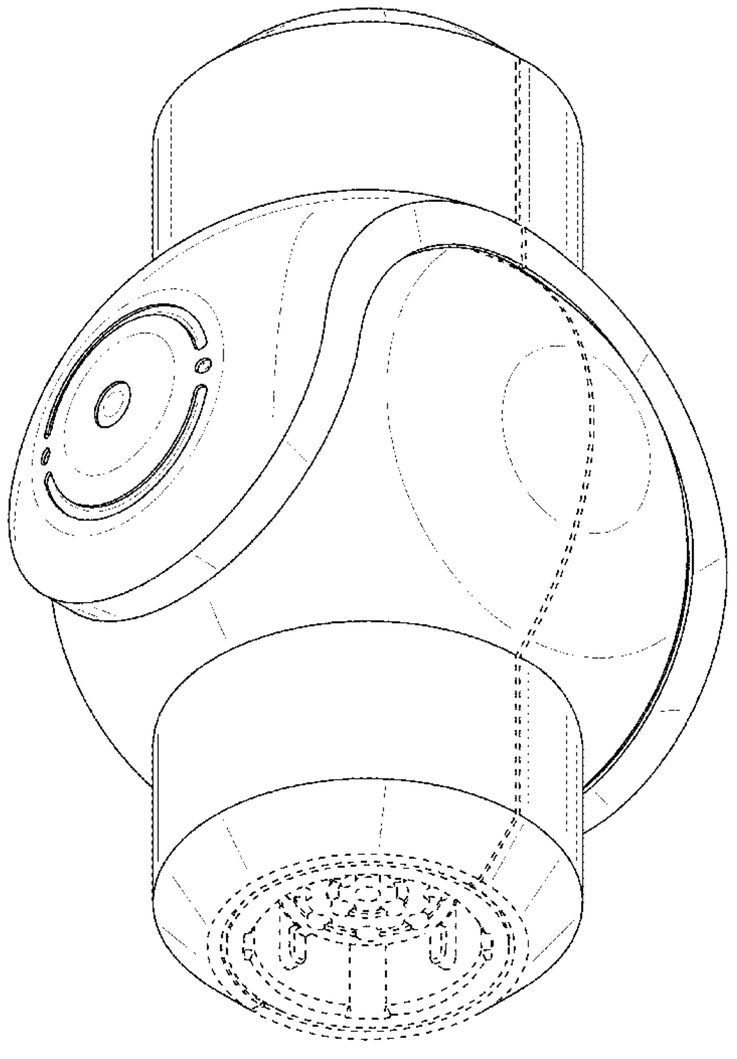
(57) **CLAIM**

The ornamental design for a joint module of robotic toy, as shown and described.

DESCRIPTION

FIG. **1** is a bottom front perspective view of a joint module of robotic toy showing the claimed design;
FIG. **2** is a front view thereof;
FIG. **3** is a rear view thereof;
FIG. **4** is a left side view thereof;
FIG. **5** is a right side view thereof;
FIG. **6** is a top view thereof; and,
FIG. **7** is a bottom view thereof.
The broken lines in the figures show portions of the joint module of robotic toy that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



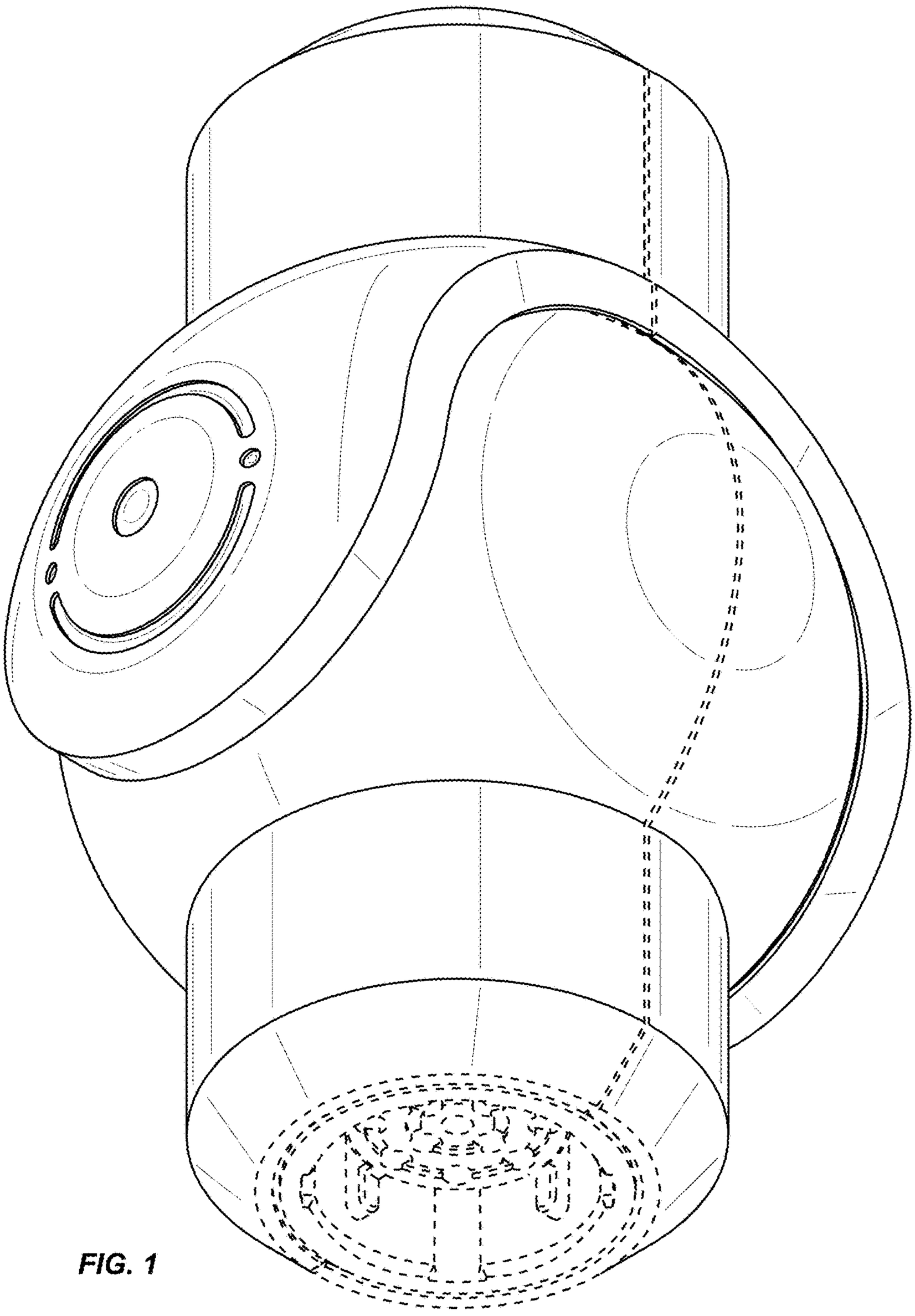


FIG. 1

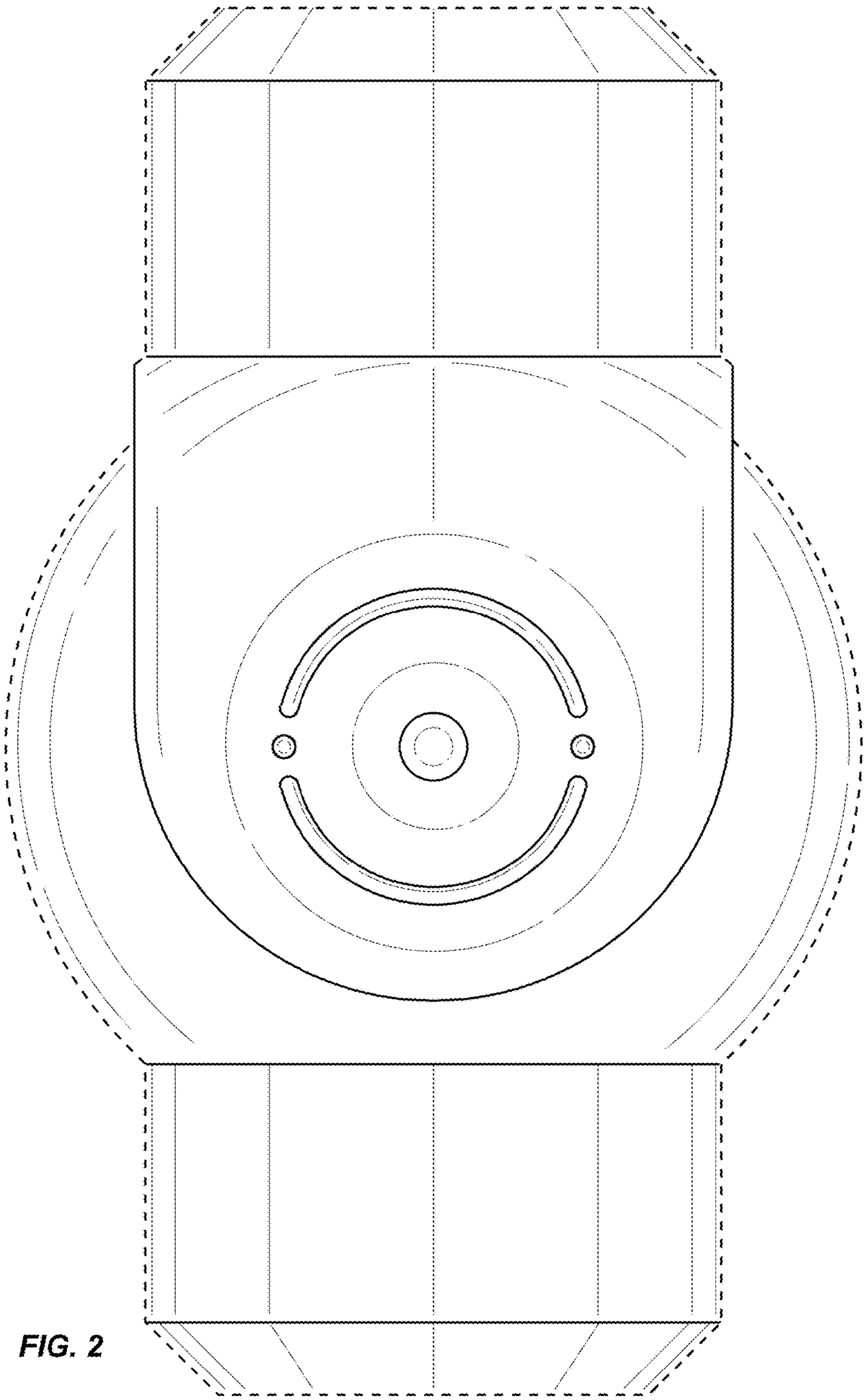


FIG. 2

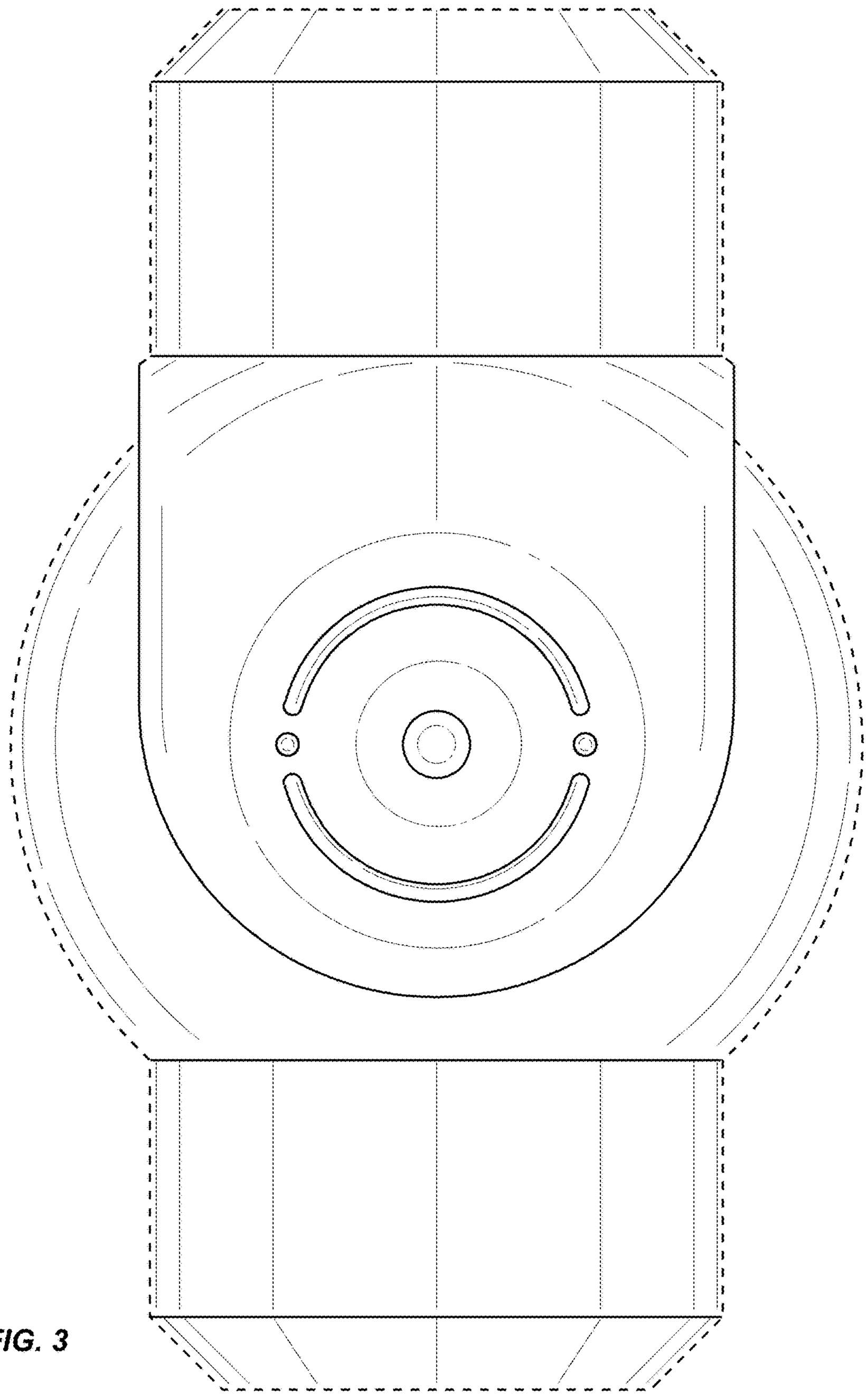


FIG. 3

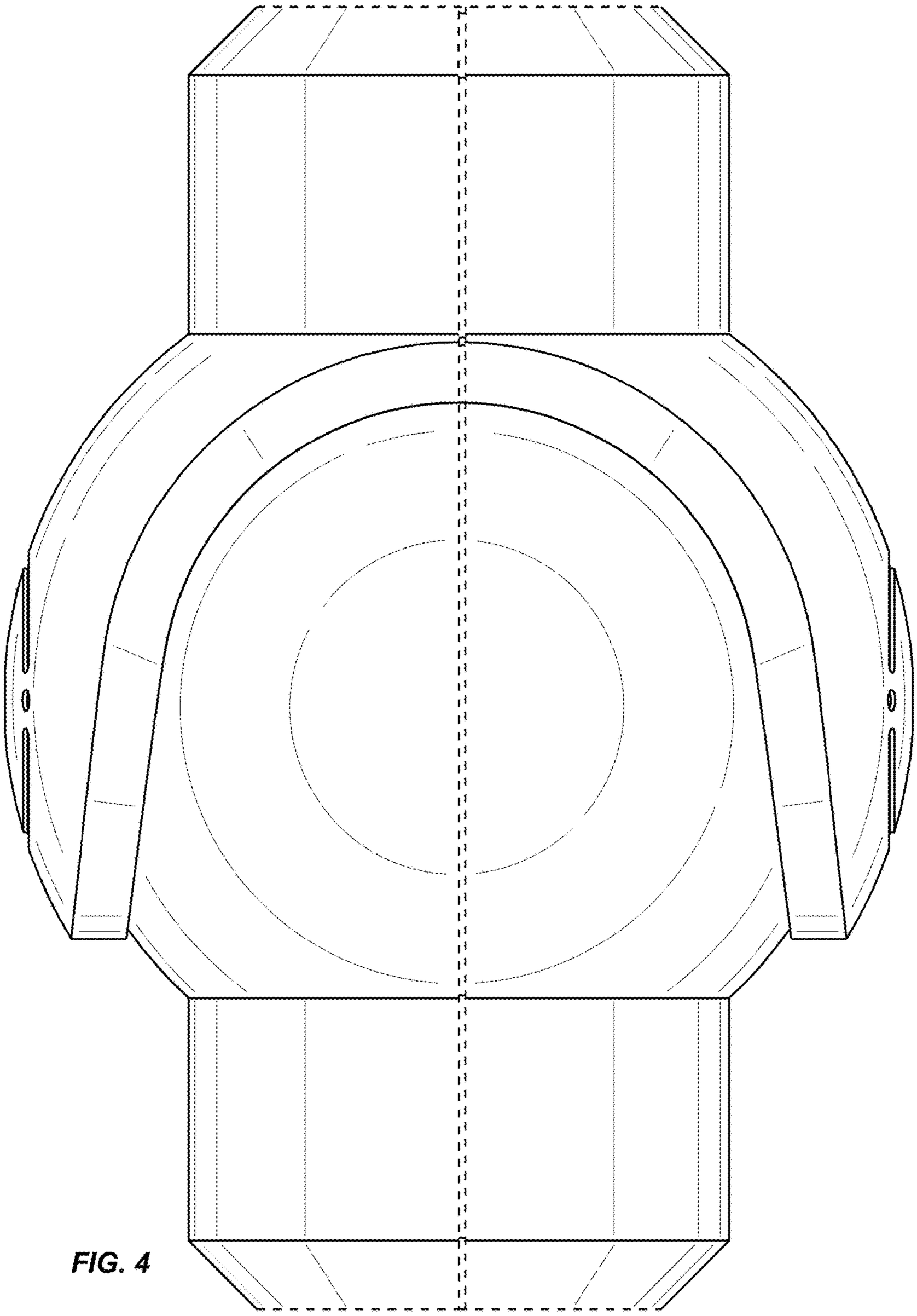


FIG. 4

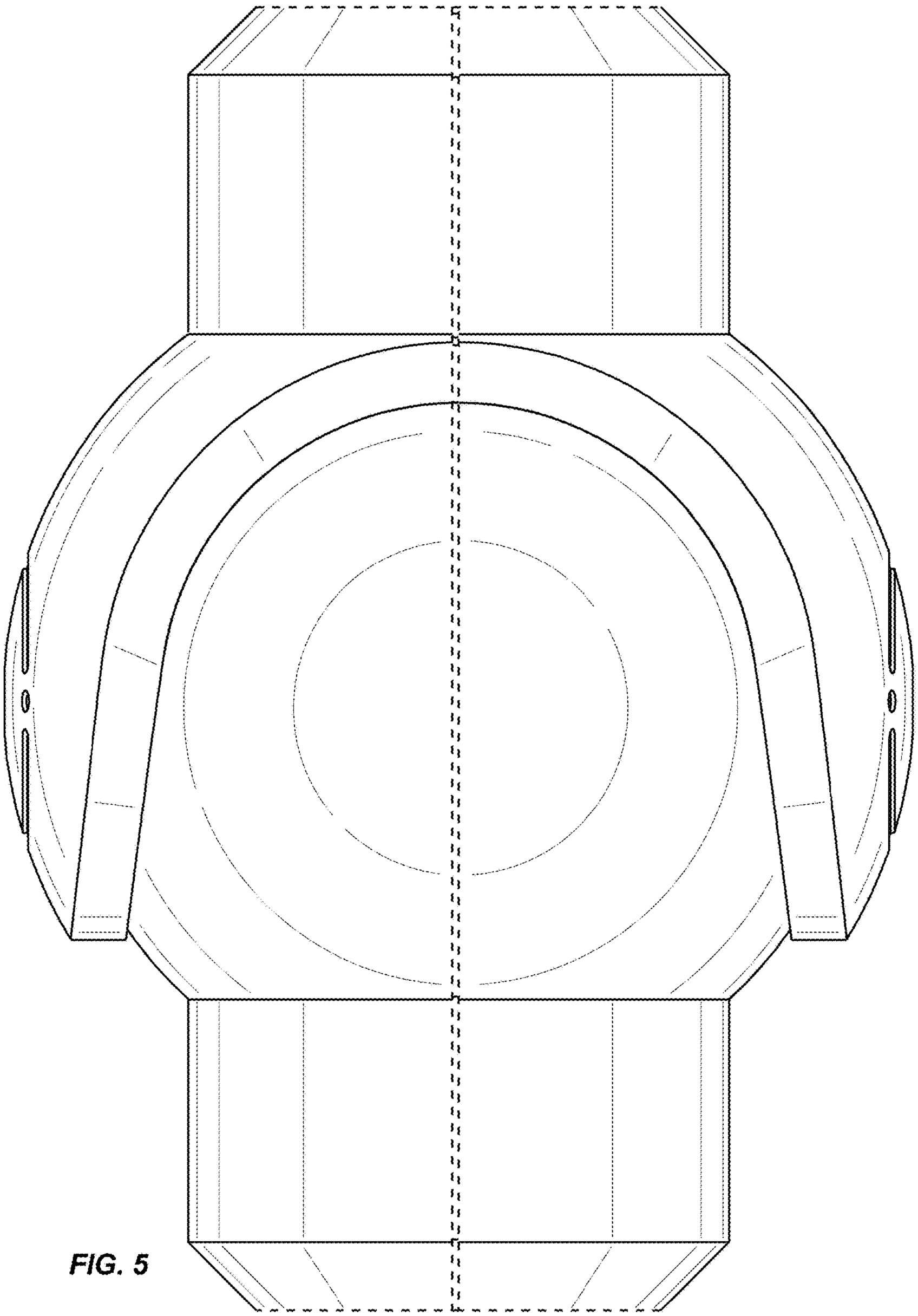


FIG. 5

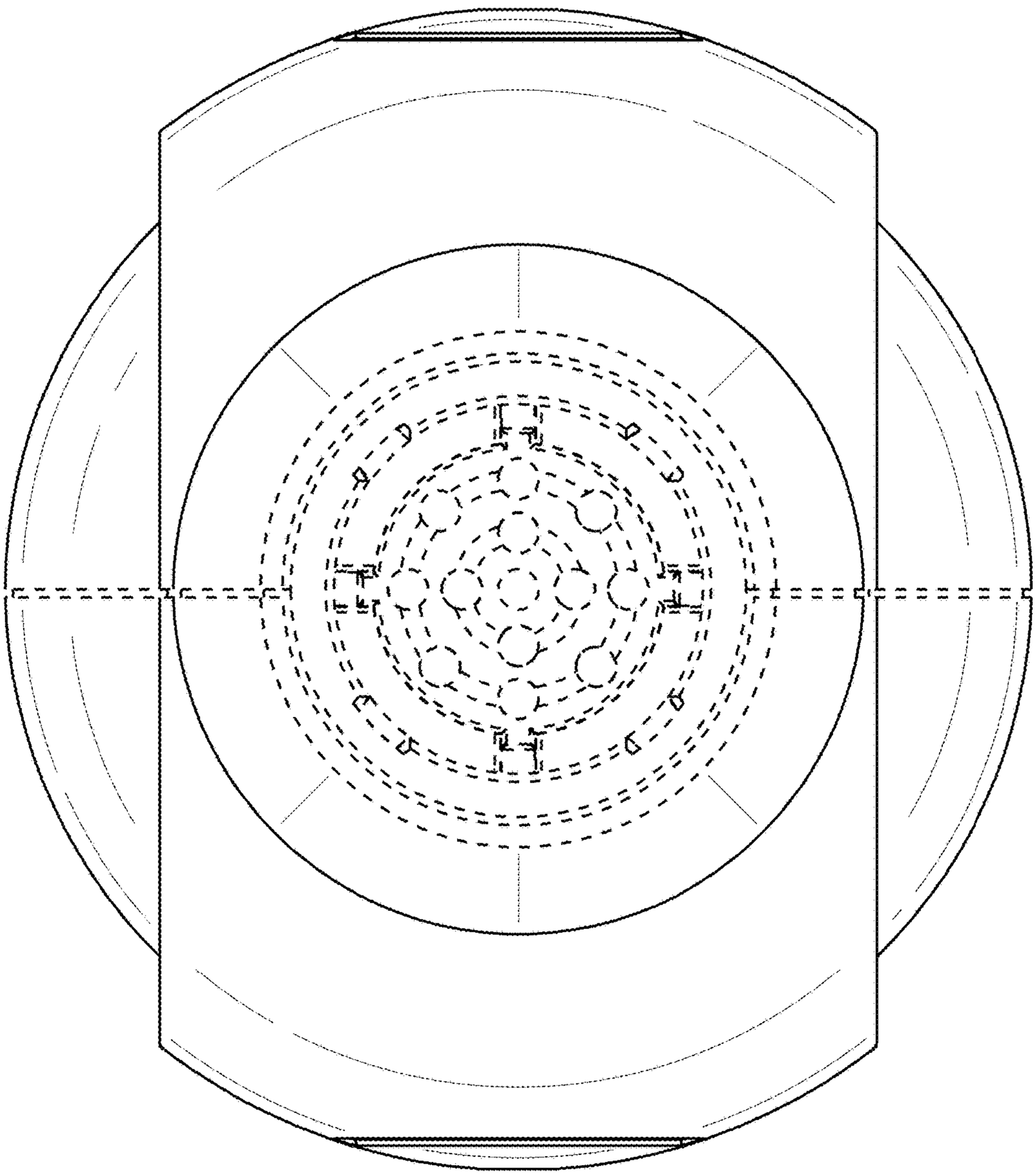


FIG. 6

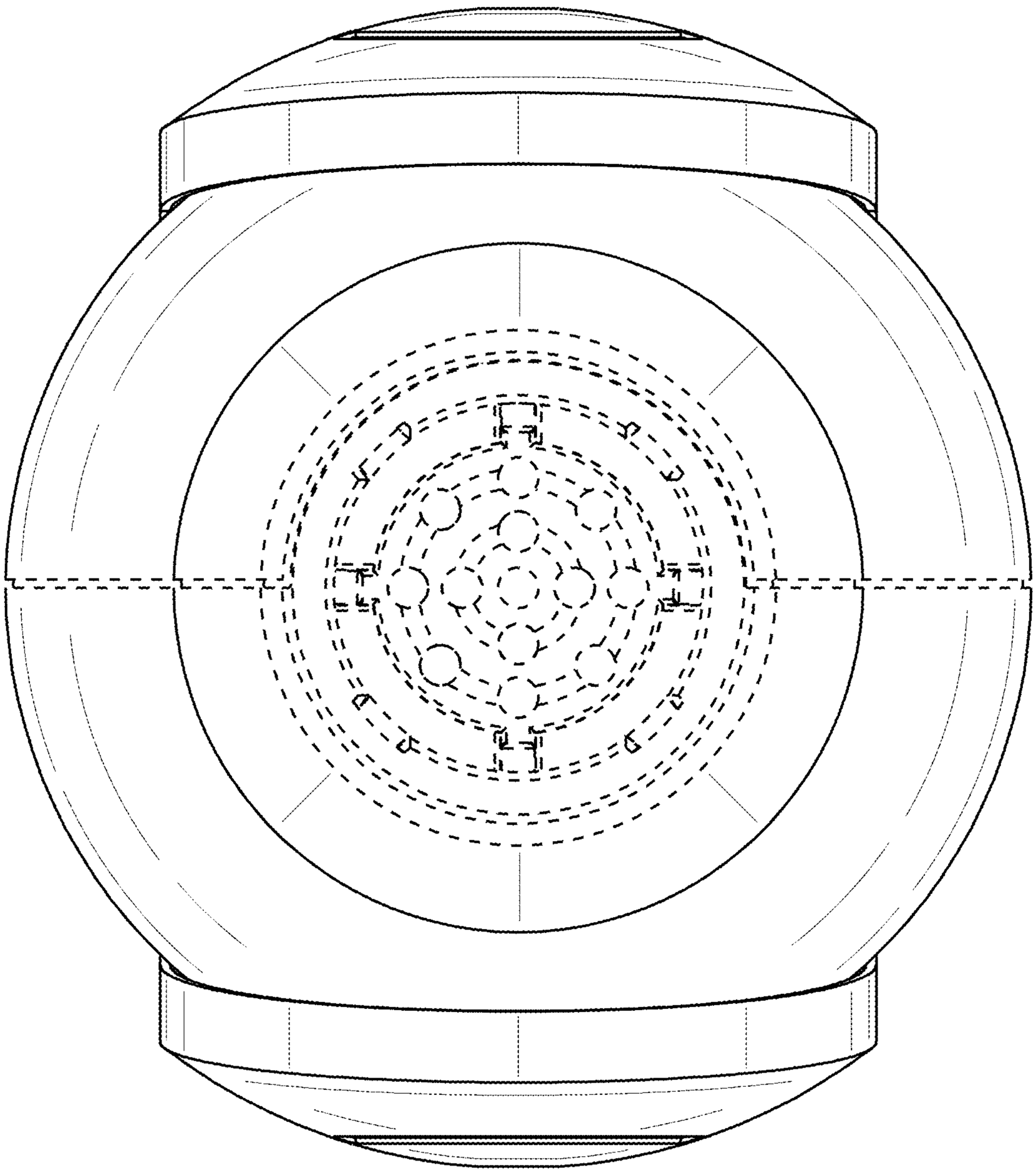


FIG. 7