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(12) United States Design Patent

Sapiens et al.

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(54) **MONOCULAR OPTICAL DEVICE FOR AUTOMATED REFRACTION TESTING**

(71) Applicant: **EyeQue Inc.**, Newark, CA (US)

(72) Inventors: **Noam Sapiens**, Newark, CA (US); **David Hishinuma**, Newark, CA (US); **Vincent Yeh**, Newark, CA (US); **Jessica Hsueh**, Newark, CA (US); **Jinsong Chen**, Newark, CA (US); **Brian Ward**, Newark, CA (US)

(73) Assignee: **EyeQue Inc.**, Newark, CA (US)

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

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(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/150**

(58) **Field of Classification Search**
USPC D24/107, 133, 137, 150, 172; D16/130, D16/132, 133
CPC A61B 5/7282; A61B 3/18; A61B 3/0325; A61B 3/103; A61B 3/0041
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,035,483	A *	5/1962	Andreas	A61B 3/1208	351/218
D808,527	S *	1/2018	Wing	D24/158	
D834,713	S *	11/2018	Myers	D24/137	
D835,271	S *	12/2018	Myers	D24/137	
10,206,566	B2 *	2/2019	Skolianos	A61B 5/7282	
D847,345	S *	4/2019	Iliffe-Moon	D24/172	
D852,251	S *	6/2019	Skolianos	D16/130	
D857,075	S *	8/2019	Xu	D16/133	
D865,169	S *	10/2019	Zimmerli	D24/137	
D883,490	S *	5/2020	Billard	D24/172	
D897,528	S *	9/2020	Perrault	D24/137	
D905,238	S *	12/2020	Englert	D24/137	
D908,881	S *	1/2021	Dacosta	D24/158	
D921,899	S *	6/2021	Suarez	D24/158	
D933,829	S *	10/2021	Serri	D24/172	
D936,834	S *	11/2021	Yamaoka	D24/172	
D938,047	S *	12/2021	Denis	D24/186	
D940,313	S *	1/2022	Heine	D24/133	
D950,064	S *	4/2022	Jackson	D24/172	
D950,732	S *	5/2022	West	D24/172	
D958,339	S *	7/2022	Englert	D24/137	
D962,444	S *	8/2022	Suarez	D24/158	

(Continued)

Primary Examiner — Jonathan J Han
Assistant Examiner — Amanda J Berlinski
(74) *Attorney, Agent, or Firm* — Steven A. Nielsen; NielsenPatents.com

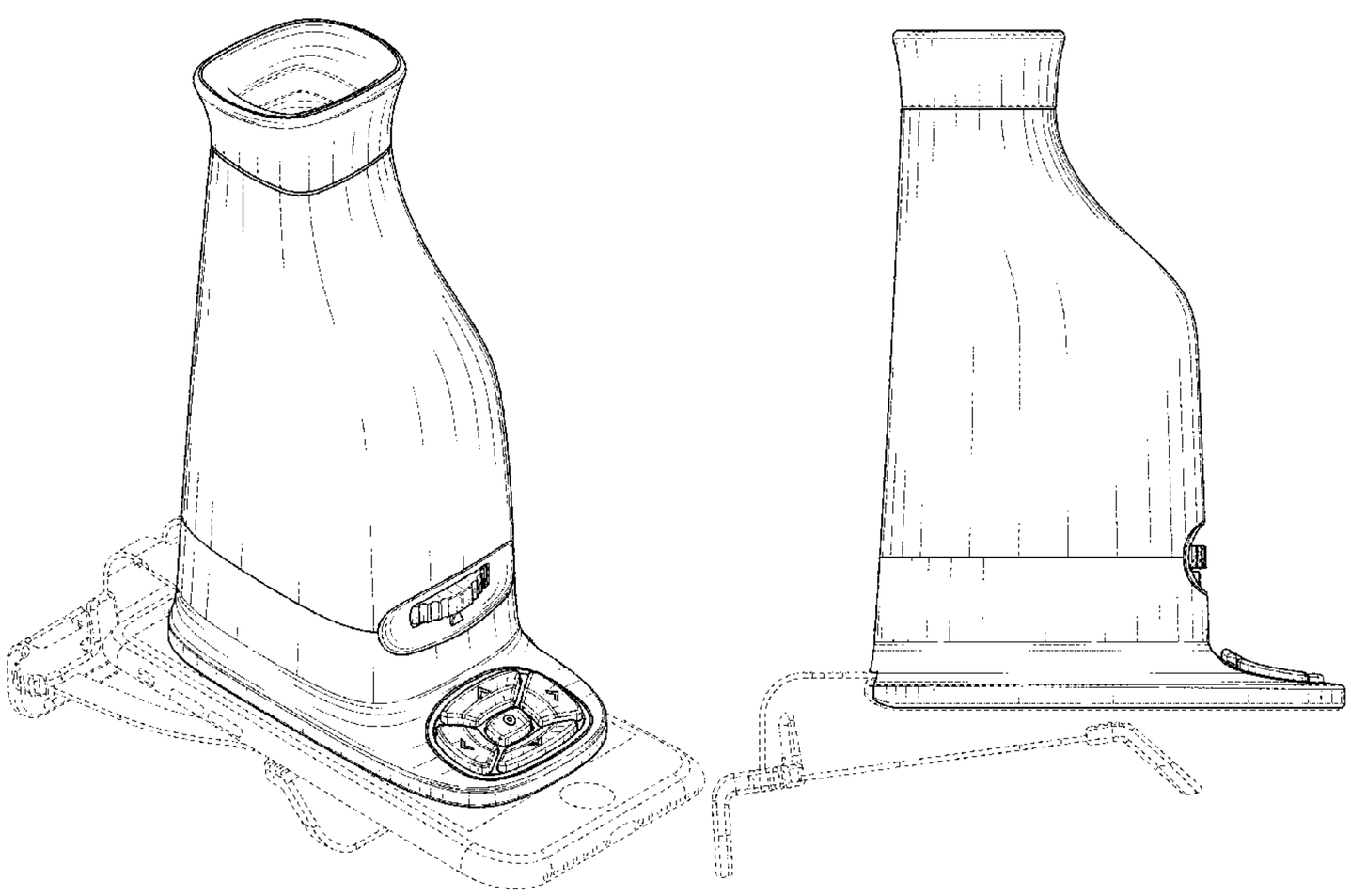
(57) **CLAIM**

The ornamental design for a monocular optical device for automated refraction testing, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a monocular optical device for automated refraction testing showing the new design;
FIG. **2** is another perspective view thereof;
FIG. **3** is a front view thereof;
FIG. **4** is a back view thereof;
FIG. **5** is a left side view thereof;
FIG. **6** is a right side view thereof;
FIG. **7** is a top view thereof; and,
FIG. **8** is a bottom view thereof.
The dashed lines in the drawings represent portions of the monocular optical device for automated refraction testing and environmental structure that forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2020/0077886	A1*	3/2020	Serri	A61B 3/14
2022/0304570	A1*	9/2022	Sapiens	A61B 3/0041

* cited by examiner

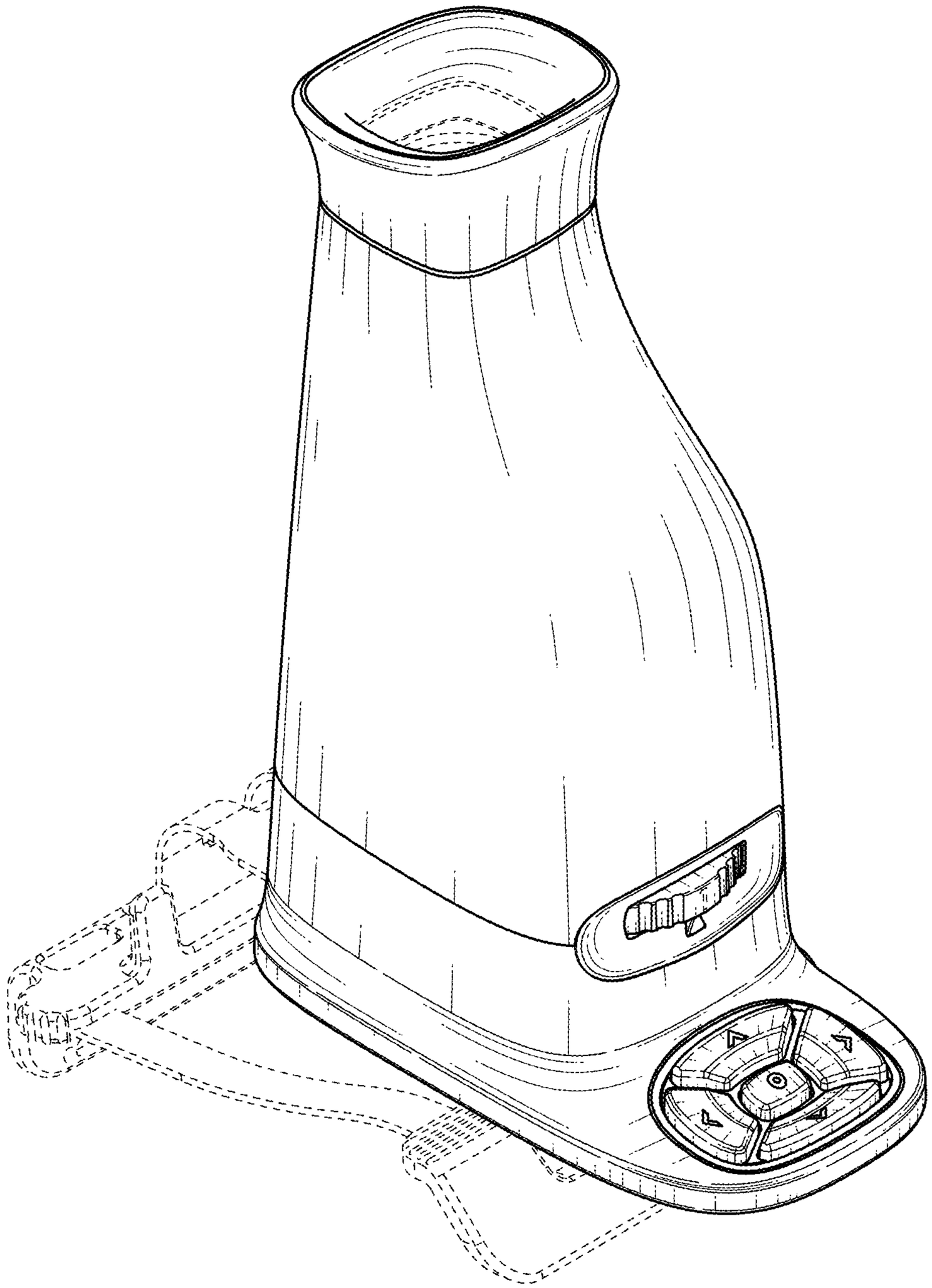


FIG. 1

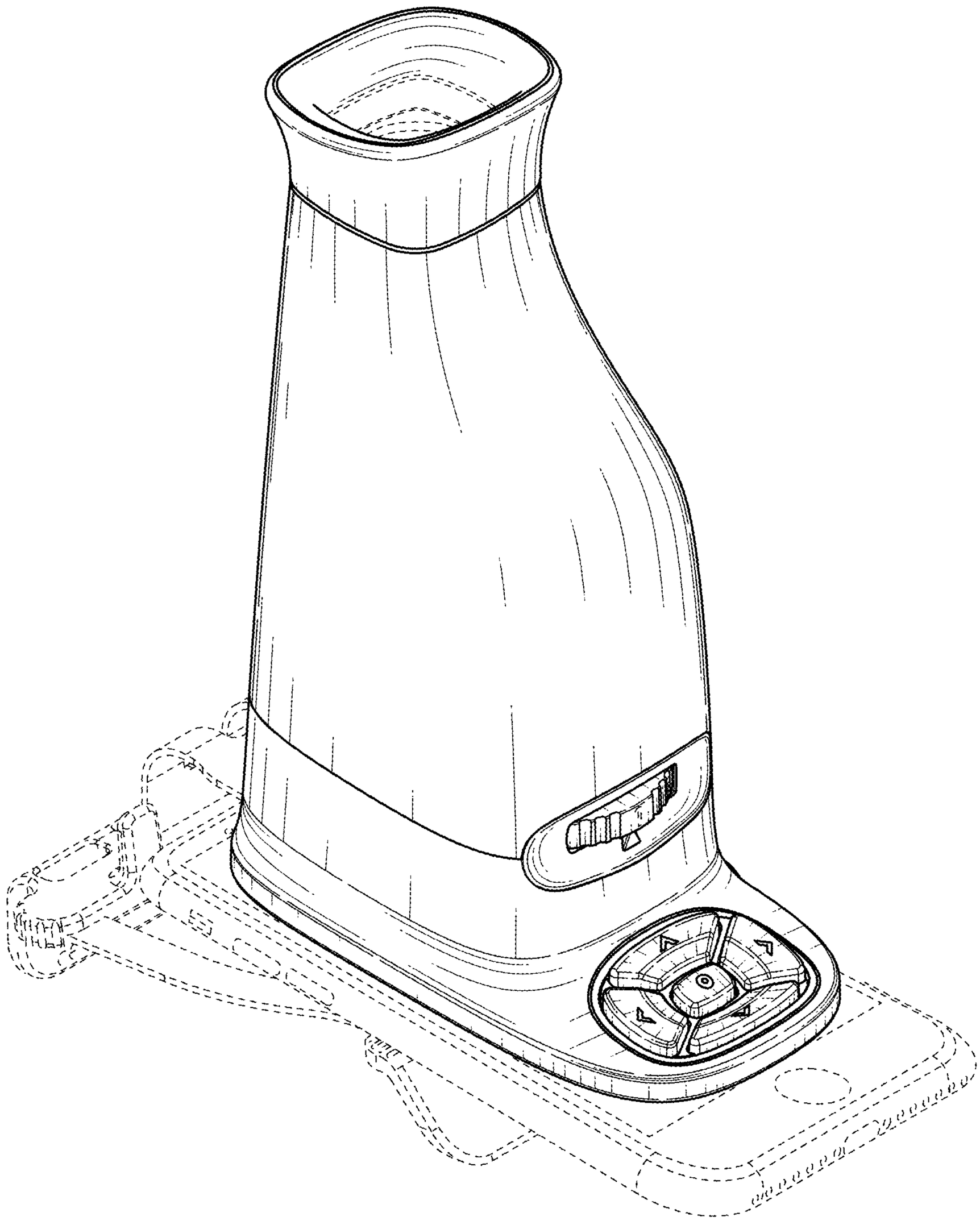


FIG. 2

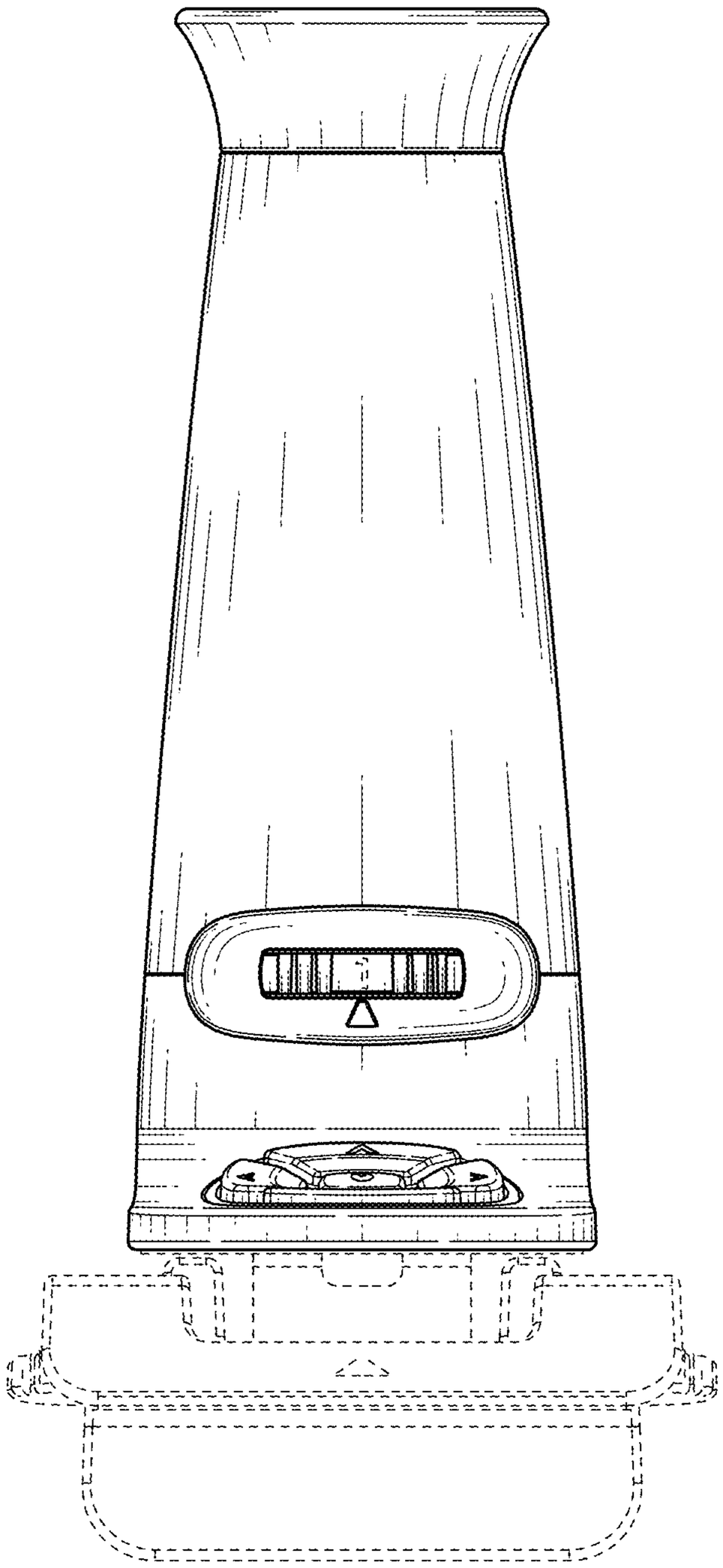


FIG. 3

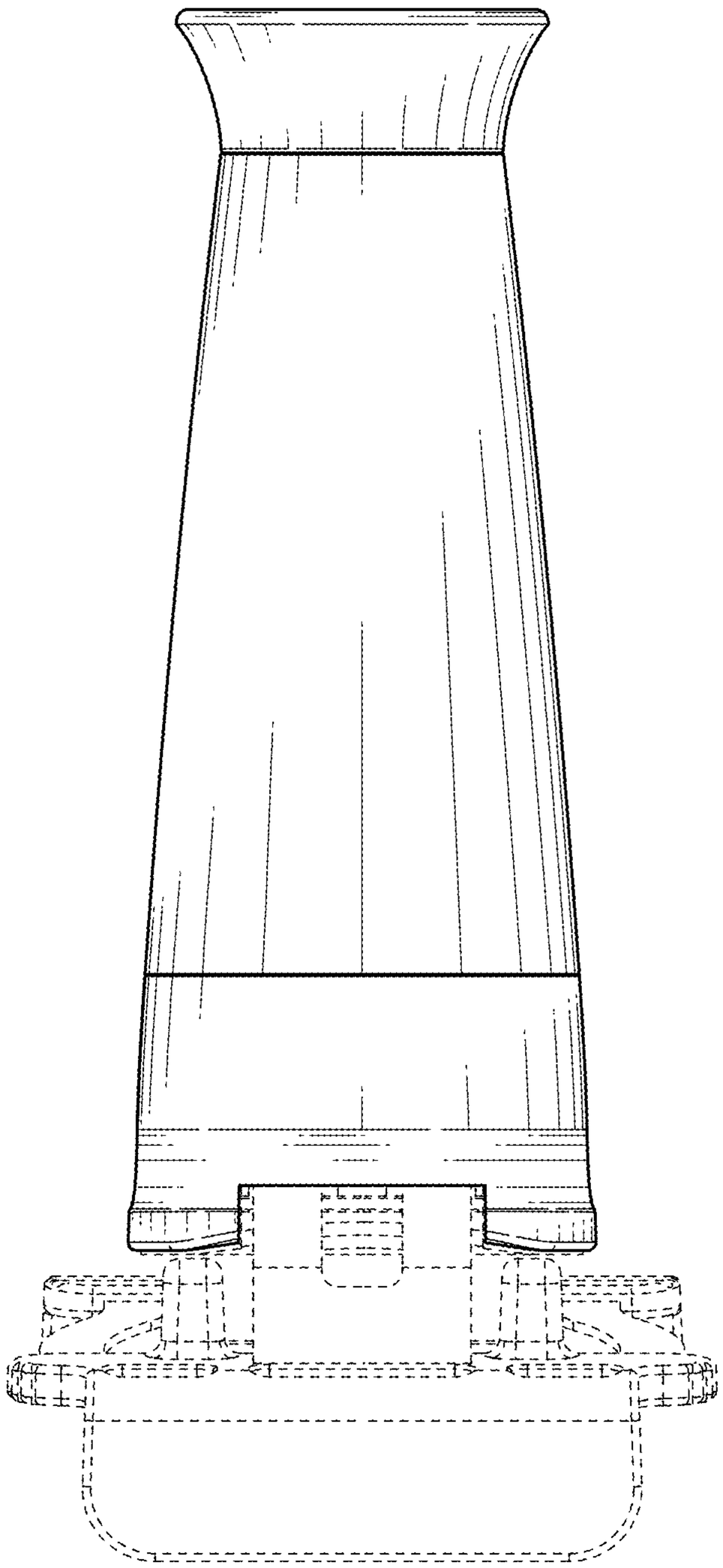


FIG. 4

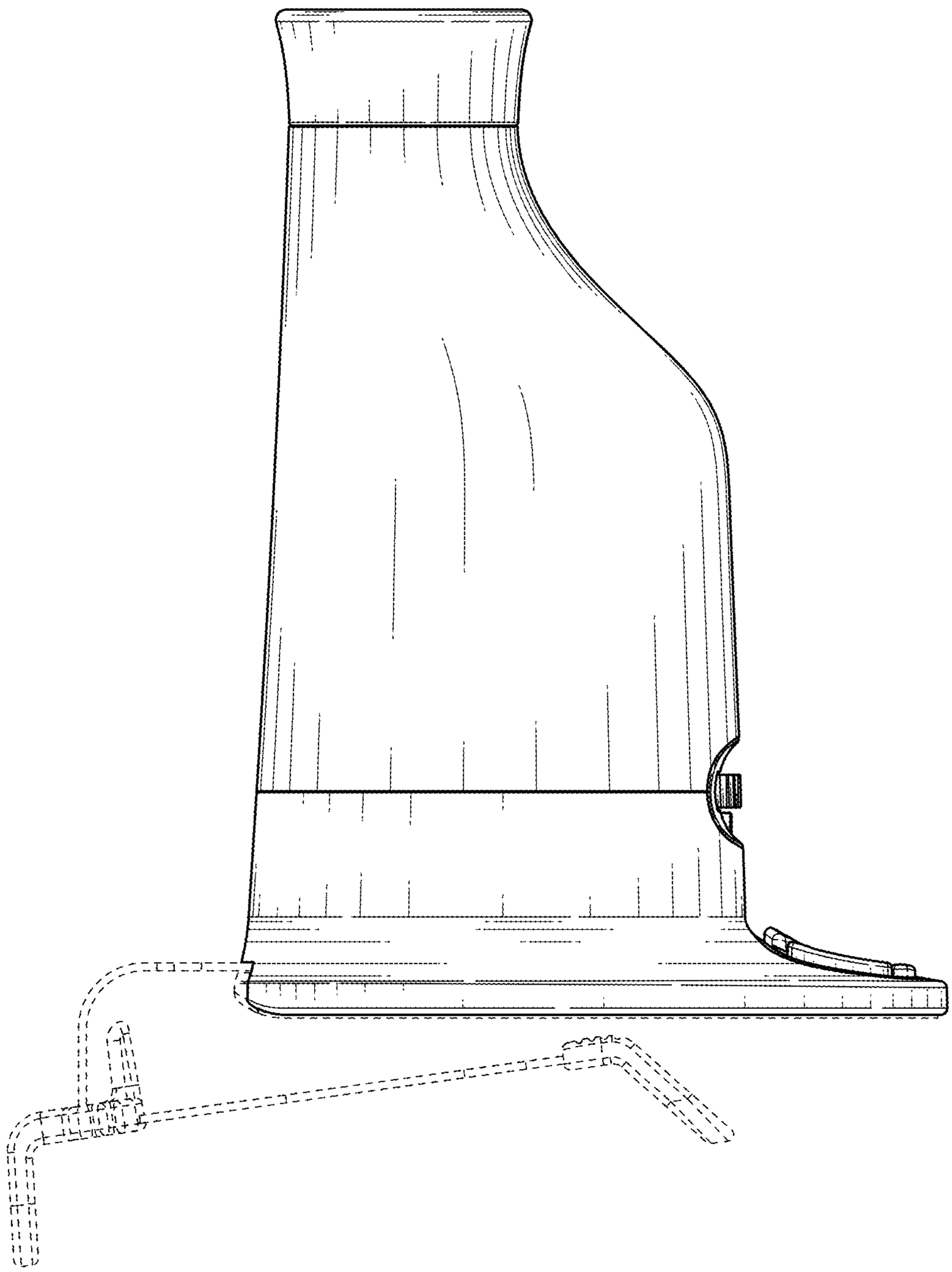


FIG. 5

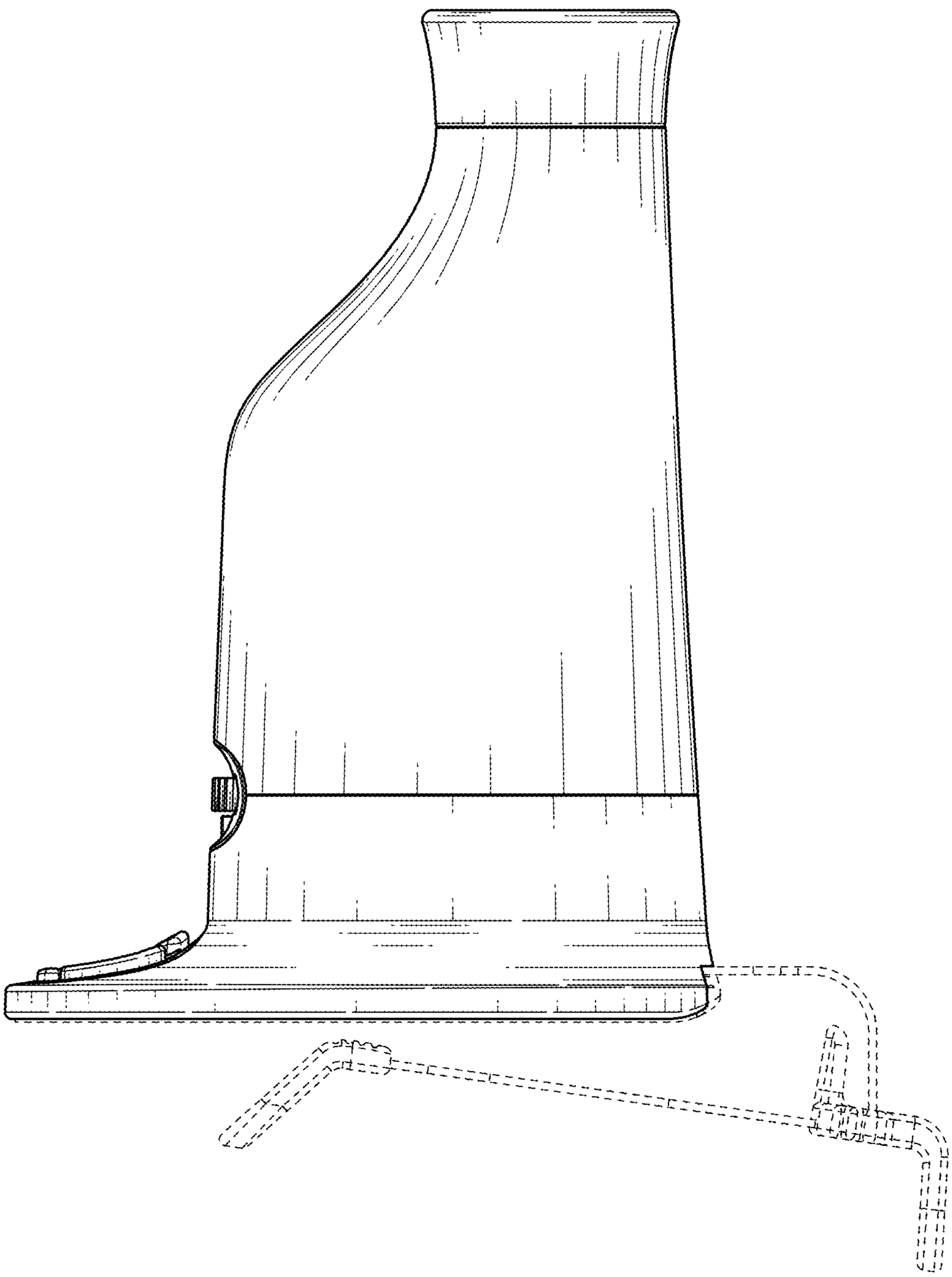


FIG. 6

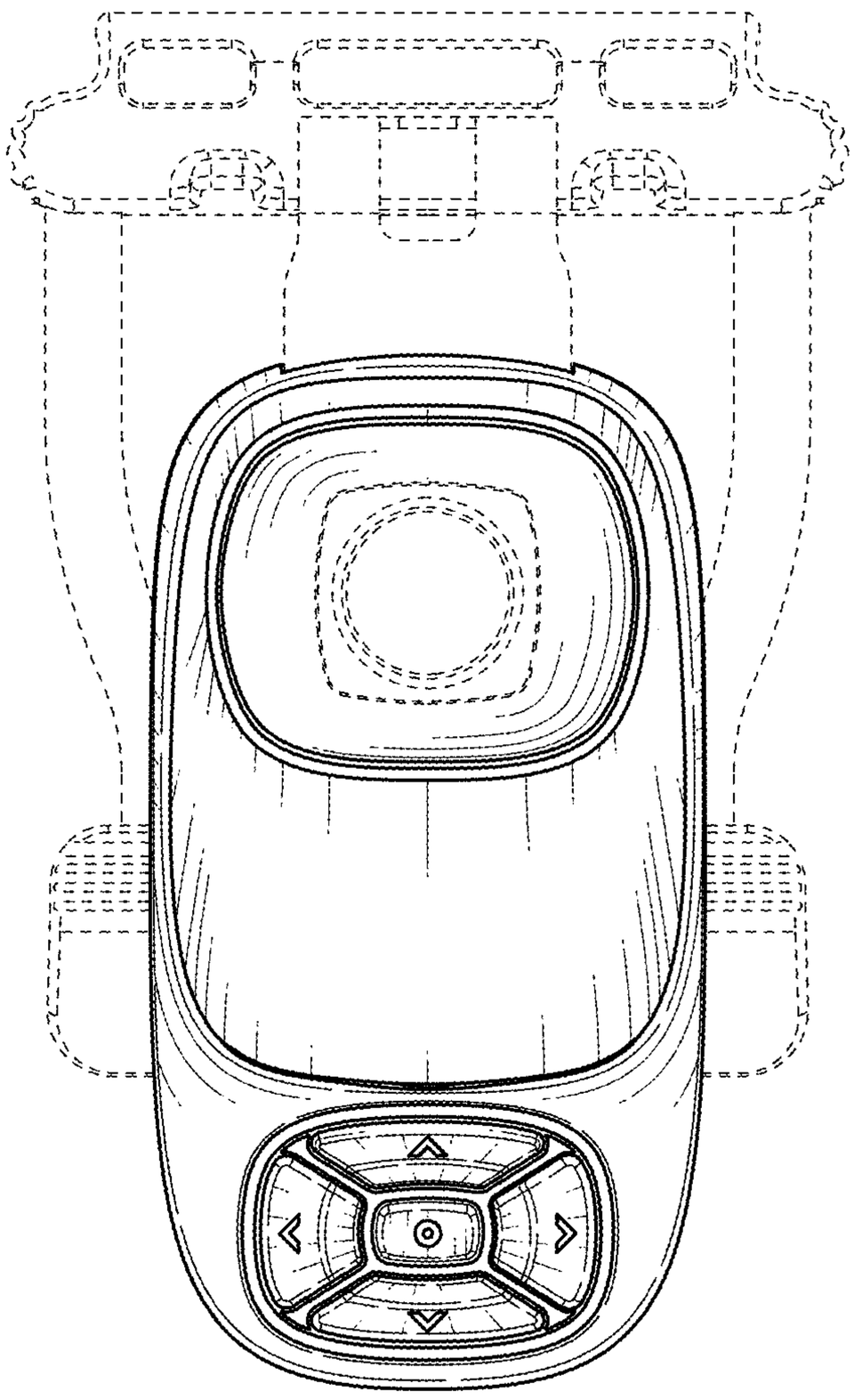


FIG. 7

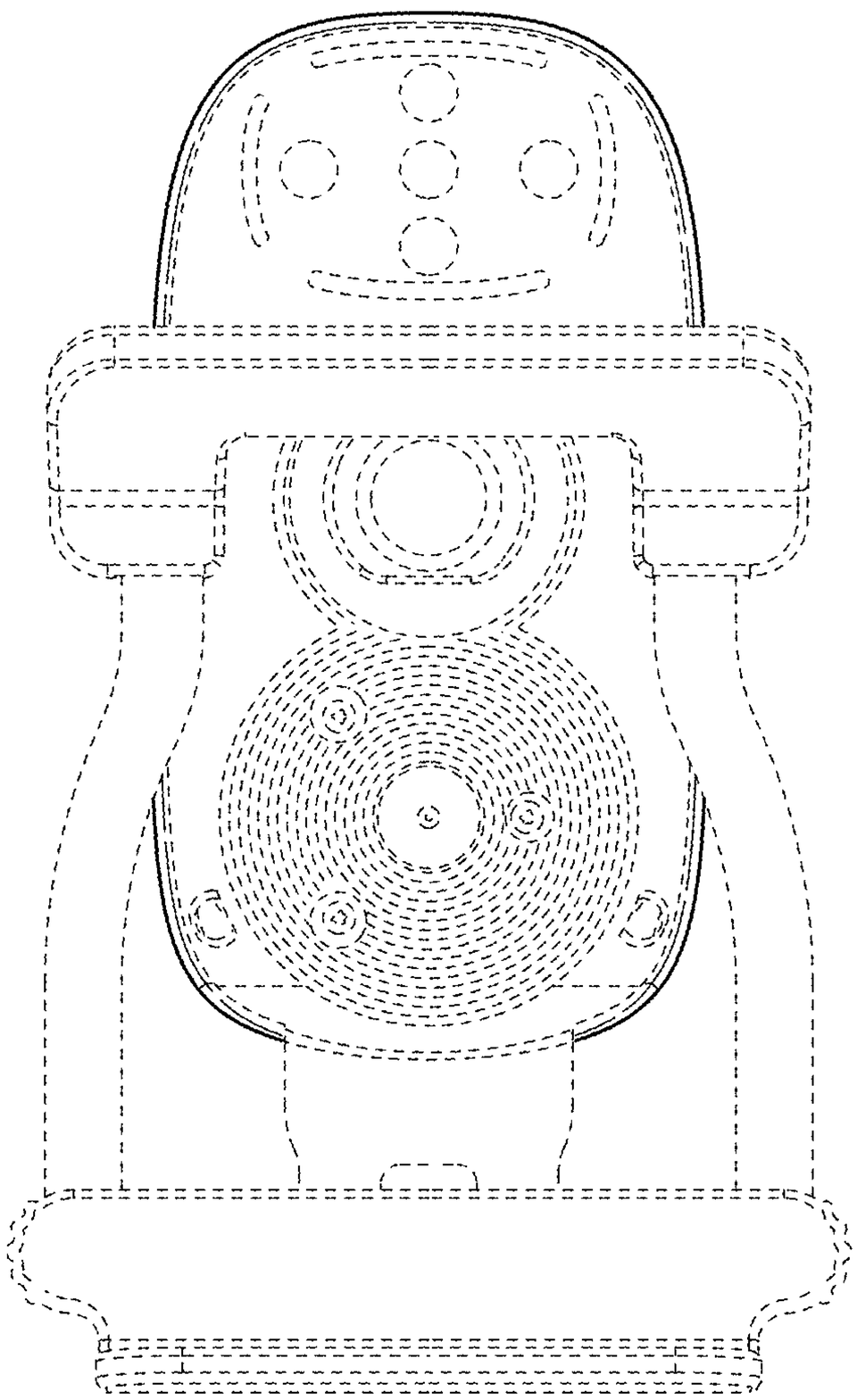


FIG. 8