



US00D967581S

(12) **United States Design Patent** (10) **Patent No.:** **US D967,581 S**
Son et al. (45) **Date of Patent:** **** *Oct. 18, 2022**

(54) **VACUUM CLEANER WITH WET FLOORCLOTH**
(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)
(72) Inventors: **Nerry Son**, Seoul (KR); **Hoil Jeon**, Seoul (KR); **Seunghyun Song**, Seoul (KR); **Seongmin Kim**, Seoul (KR); **Jinju Kim**, Seoul (KR)
(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)
(*) Notice: This patent is subject to a terminal disclaimer.
(**) Term: **15 Years**
(21) Appl. No.: **29/757,840**
(22) Filed: **Nov. 10, 2020**
(30) **Foreign Application Priority Data**

May 21, 2020 (KR) 30-2020-0022486

(51) **LOC (13) Cl.** **07-05**

(52) **U.S. Cl.**
USPC **D32/50; D32/32**

(58) **Field of Classification Search**
USPC D32/15, 17-24, 31-34, 45, 50
CPC A47L 5/24; A47L 7/0076; A47L 11/04; A47L 11/22; A47L 5/28; A47L 9/106; A47L 11/30; A47L 11/4005; A47L 5/30; A47L 9/02; A47L 9/0466; A47L 11/20; A47L 9/0686; A47L 11/4038; A47L 13/22; A47L 11/4013; B04C 5/185; E04H 4/1636

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,640,626 B2 * 1/2010 Oh A47L 11/4038
15/387
D795,514 S * 8/2017 Yoon D32/32

D795,518 S * 8/2017 Chung D32/45
D855,271 S * 7/2019 Liang D32/50
D864,512 S * 10/2019 Wu D32/50
D866,898 S * 11/2019 Tao D32/50
D882,895 S * 4/2020 Kim D32/33
10,653,287 B2 * 5/2020 Chung A47L 13/20
D901,113 S * 11/2020 Song D32/32
D911,646 S * 2/2021 DeBeck D32/45

(Continued)

OTHER PUBLICATIONS

LG CordZero A9 Kompressor Cordless Stick Vacuum and Power Mop (on-line), dated Feb. 6, 2021. Retrieved from Internet Apr. 27, 2022, URL: <https://web.archive.org/web/20210206005227/https://www.lg.com/us/vacuum-cleaners/lg-a929kvm-stick-vacuum> (2 pages) (Year: 2021).*

Primary Examiner — Kimberly Barnes

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

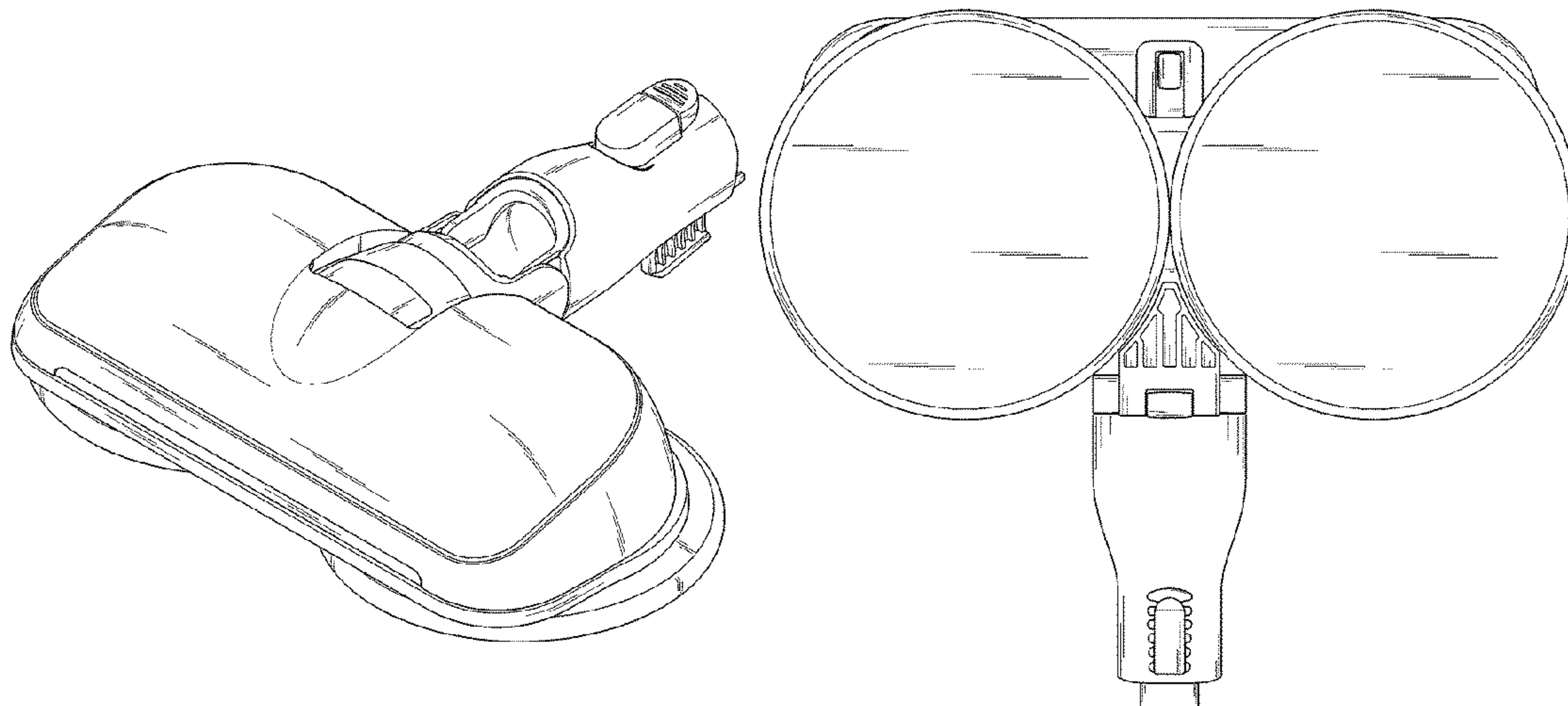
(57) CLAIM

We claim the ornamental design for a vacuum cleaner with wet floorcloth, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner with wet floorcloth showing the new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left-side elevation view thereof;
FIG. 5 is a right-side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is a front elevation view showing when a LED light in the front of main body thereof is on as being expressed by a stipple pattern.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D912,920	S *	3/2021	Tao	.....	D32/15
11,058,278	B2 *	7/2021	Shin	.....	A47L 11/4069
11,096,536	B2 *	8/2021	Yang	.....	A47L 11/4094
11,122,954	B2 *	9/2021	Ding	.....	A47L 11/161
11,191,410	B2 *	12/2021	Woo	.....	A47L 11/305
11,191,415	B2 *	12/2021	Yang	.....	A47L 9/0472
D950,176	S *	4/2022	Song	.....	D32/32
D950,178	S *	4/2022	Pei	.....	D32/45
11,357,381	B2 *	6/2022	Ko	.....	A47L 13/22
11,399,684	B2 *	8/2022	Ryu	.....	A47L 11/4013
2008/0172822	A1 *	7/2008	Oh	.....	A47L 9/04
					15/349
2018/0003265	A1 *	1/2018	Jung	.....	F16H 57/0498
2019/0328200	A1 *	10/2019	Ko	.....	A47L 11/4088
2021/0161338	A1 *	6/2021	Hwang	.....	A47L 9/009

* cited by examiner

FIG. 1

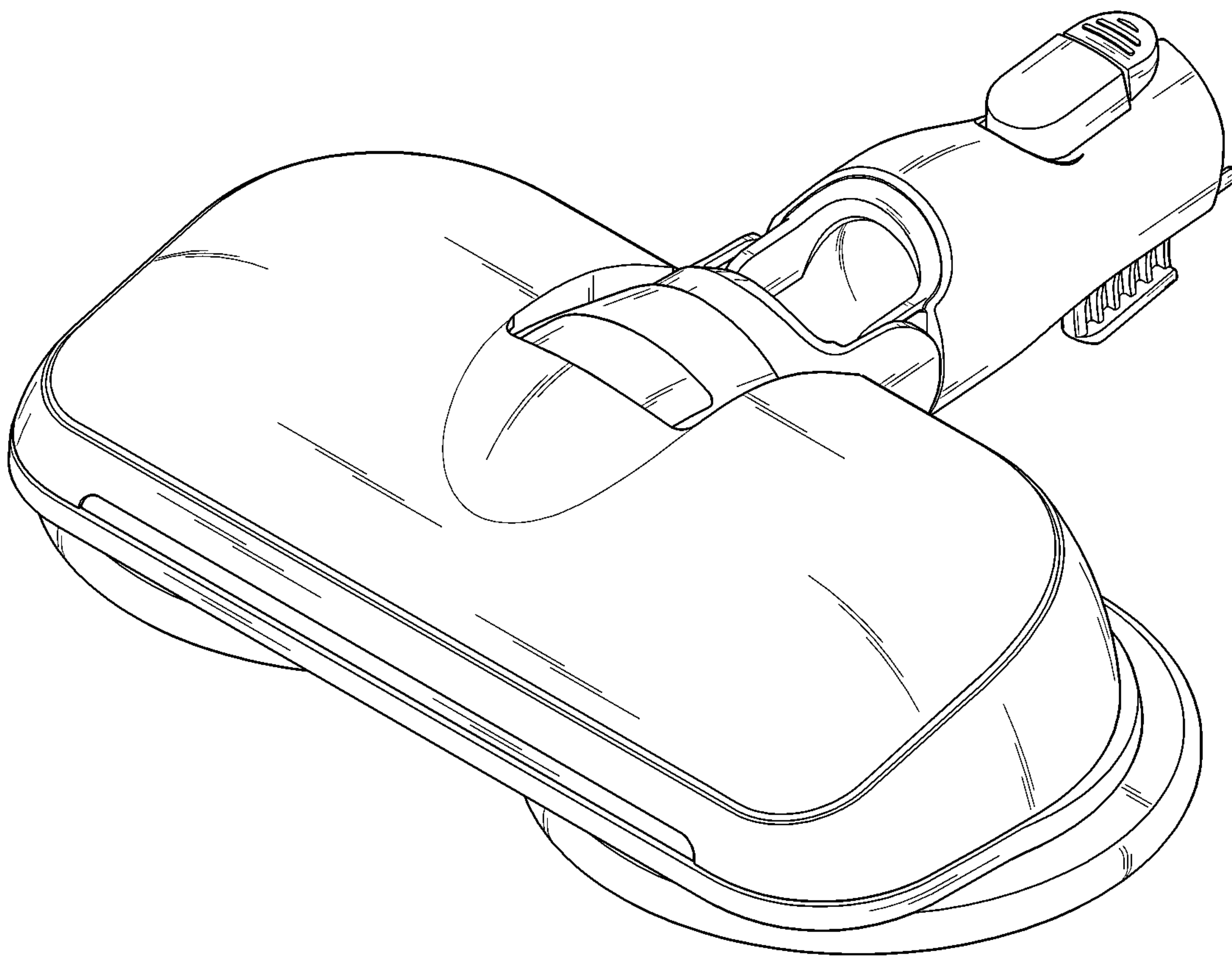


FIG. 2

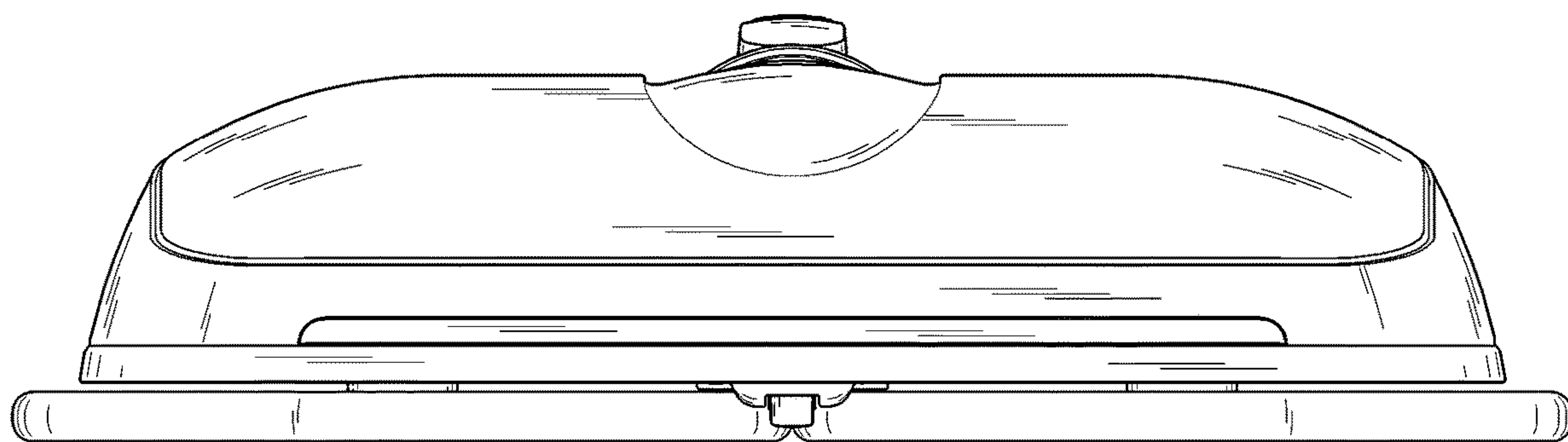


FIG. 3

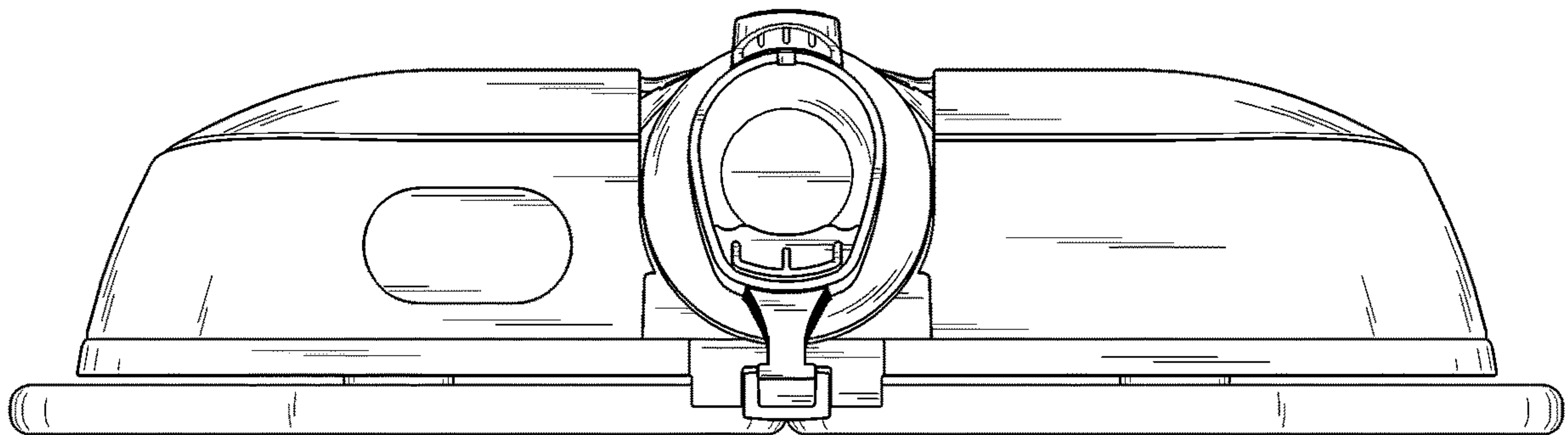


FIG. 4

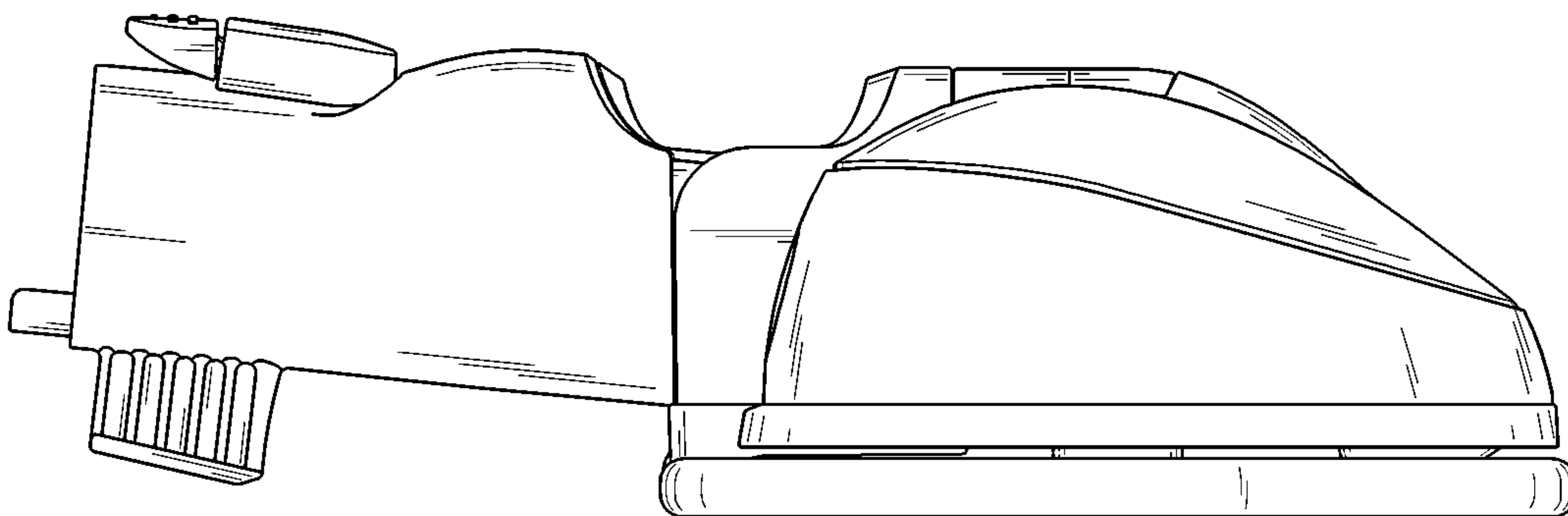


FIG. 5

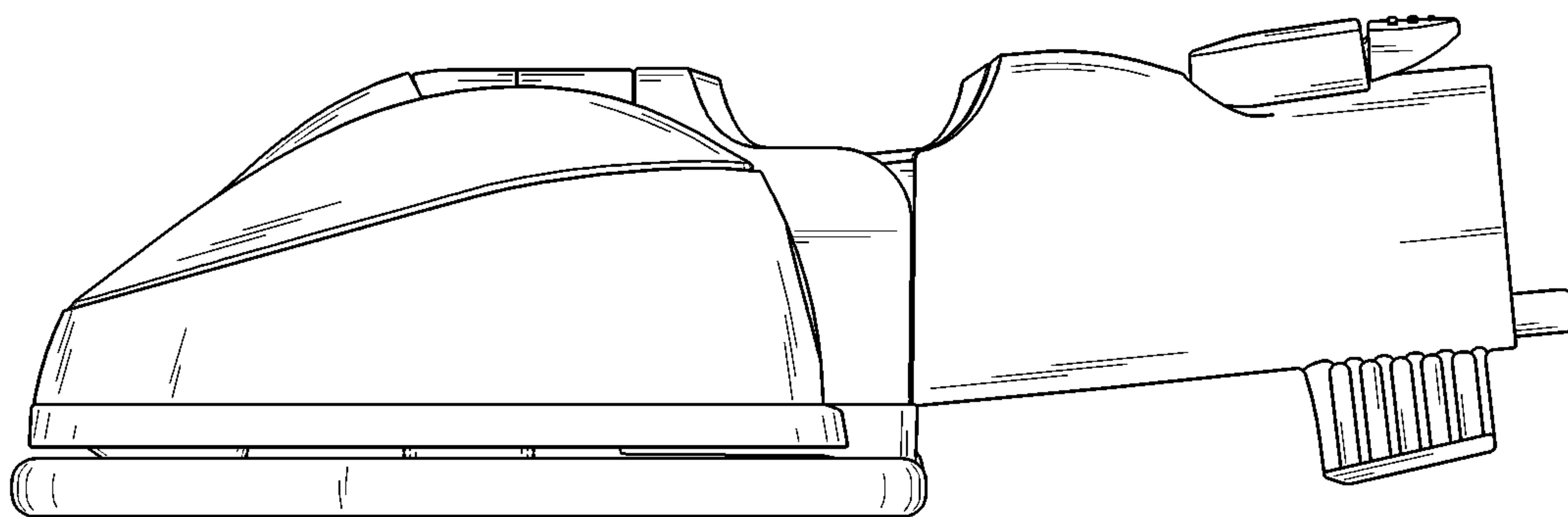


FIG. 6

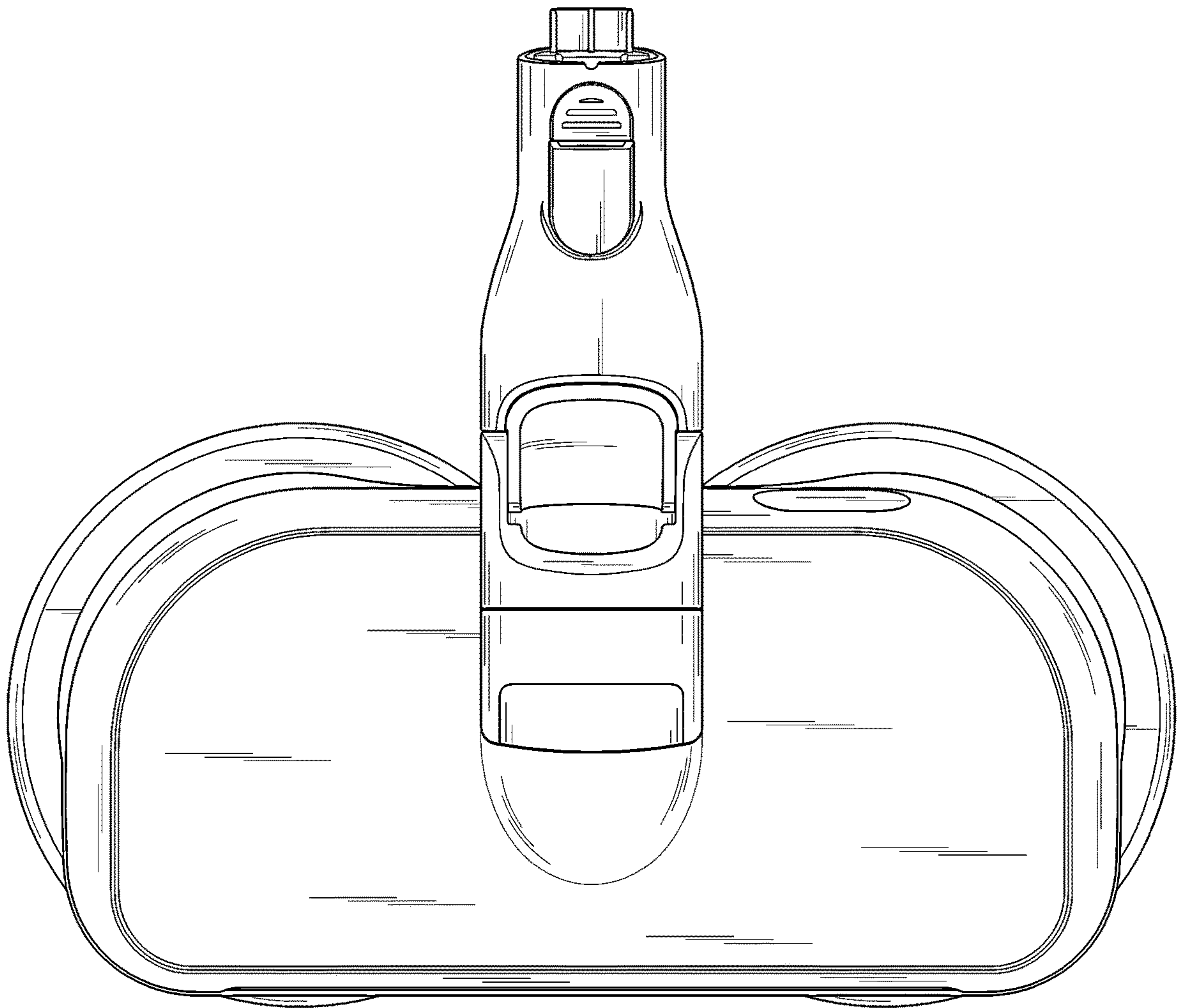


FIG. 7

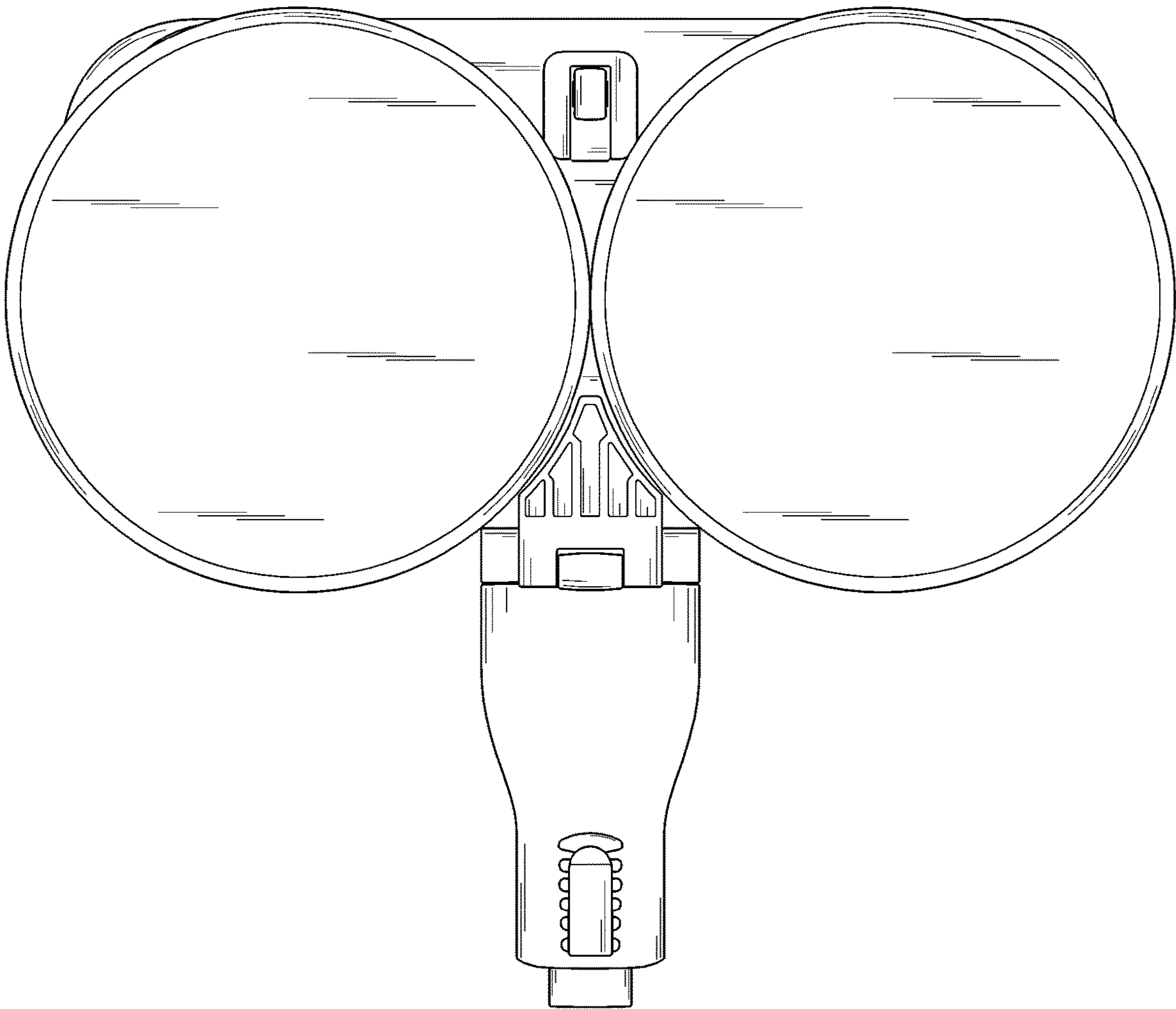


FIG. 8

