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(12) **United States Design Patent**
Lin

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(54) **CAR VACUUM CLEANER**

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

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(51) **LOC (12) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/18**

(58) **Field of Classification Search**
USPC D32/17, 18, 22, 31
CPC ... A47L 5/24; A47L 5/362; A47L 5/36; A47L
5/28; A47L 9/102; A47L 9/1683; B01D
50/002

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D303,856 S *	10/1989	Yuen	.....	D32/18
D314,650 S *	2/1991	Pudwill	.....	D32/18
5,794,303 A *	8/1998	Sanfilippo	.....	A47L 5/26 15/339
D448,895 S *	10/2001	Andreas	.....	D32/18
D481,840 S *	11/2003	Lammers	.....	D32/18
D550,410 S *	9/2007	Khalil	.....	D32/18
D566,349 S *	4/2008	Agren	.....	D32/18
D575,013 S *	8/2008	Gee, II	.....	D32/18
D578,259 S *	10/2008	Agren	.....	D32/18

D608,961 S *	1/2010	Reese	.....	D32/18
D738,052 S *	9/2015	Kim	.....	D32/18
D773,130 S *	11/2016	Gray	.....	D32/18
D790,782 S *	6/2017	Bruneel	.....	D32/18
D795,513 S *	8/2017	Bruneel	.....	D32/18
D803,492 S *	11/2017	Jang	D32/18
D807,598 S *	1/2018	Houghton	D32/18

* cited by examiner

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(57) **CLAIM**

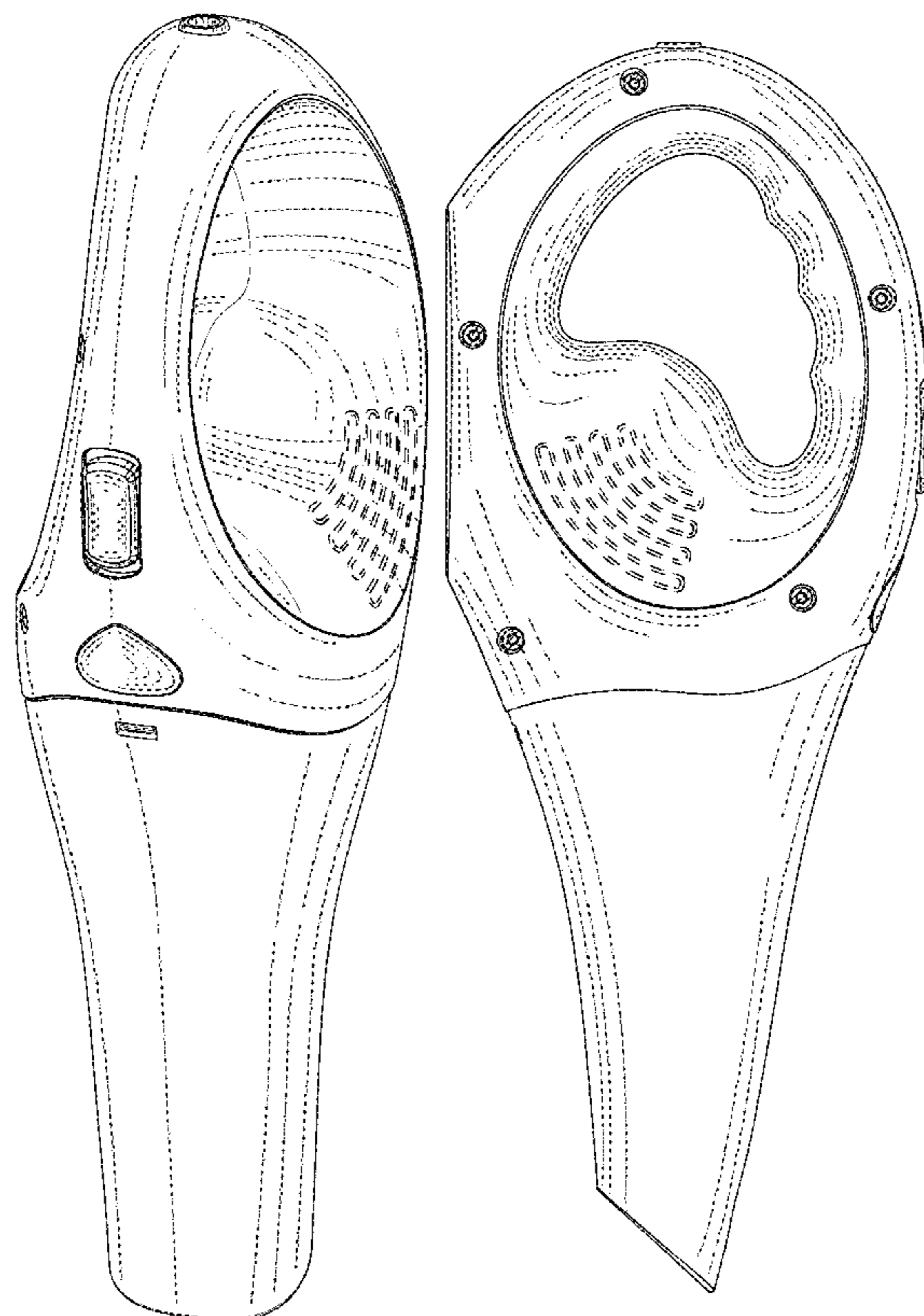
The ornamental design for a car vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front and right side perspective view of a car vacuum cleaner showing my new design;
FIG. 2 is a top and right side perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

The broken lines illustrate portions of the car vacuum cleaner that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



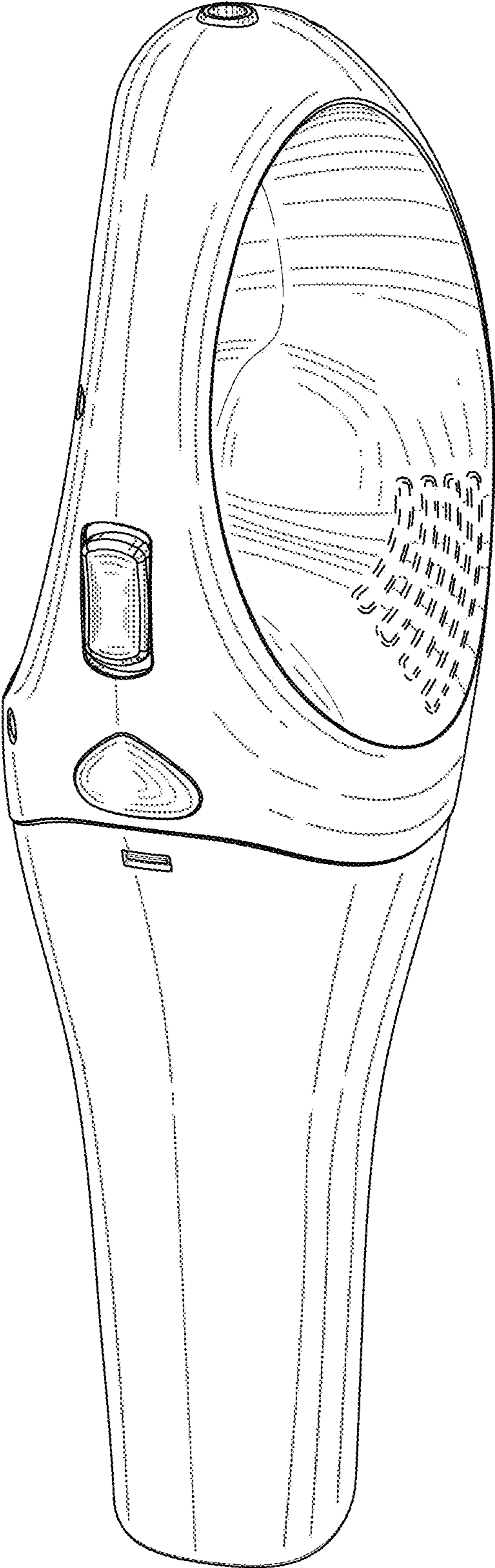


FIG. 1

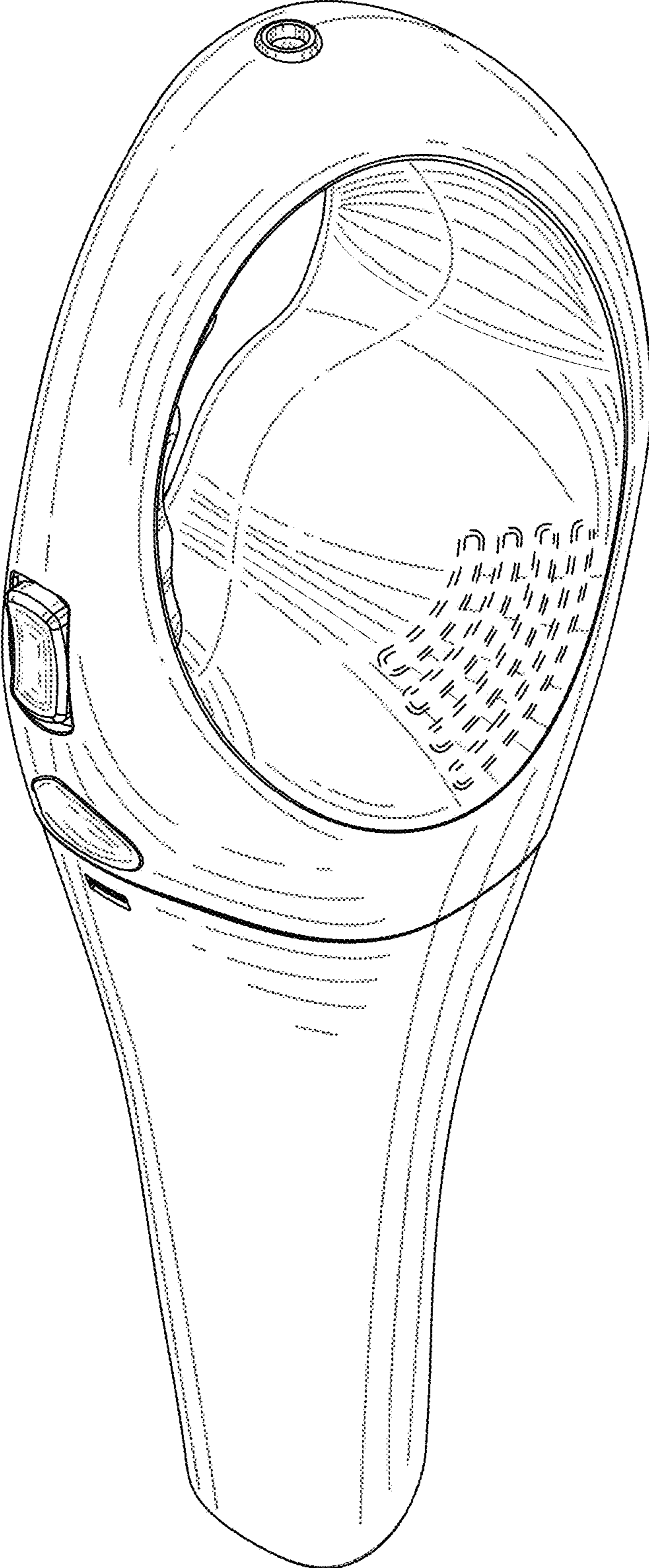


FIG. 2

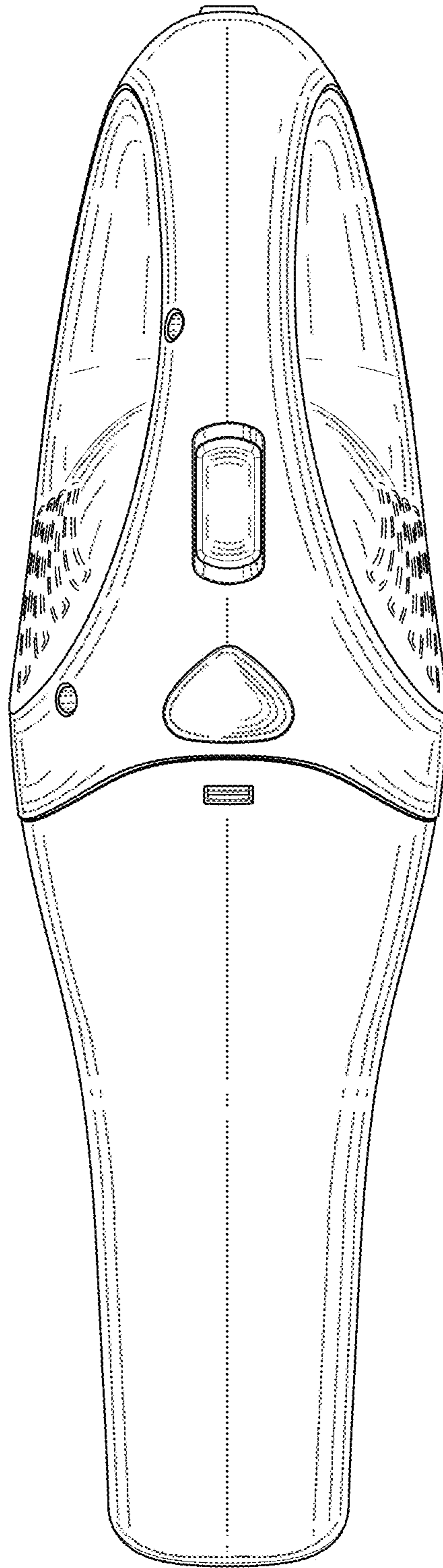


FIG. 3

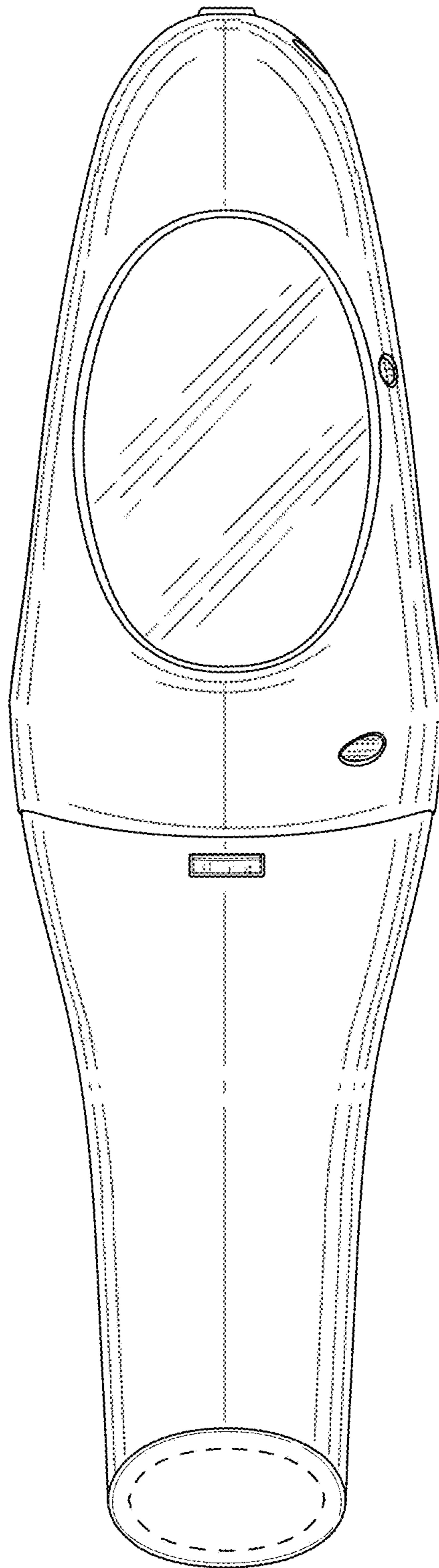


FIG. 4

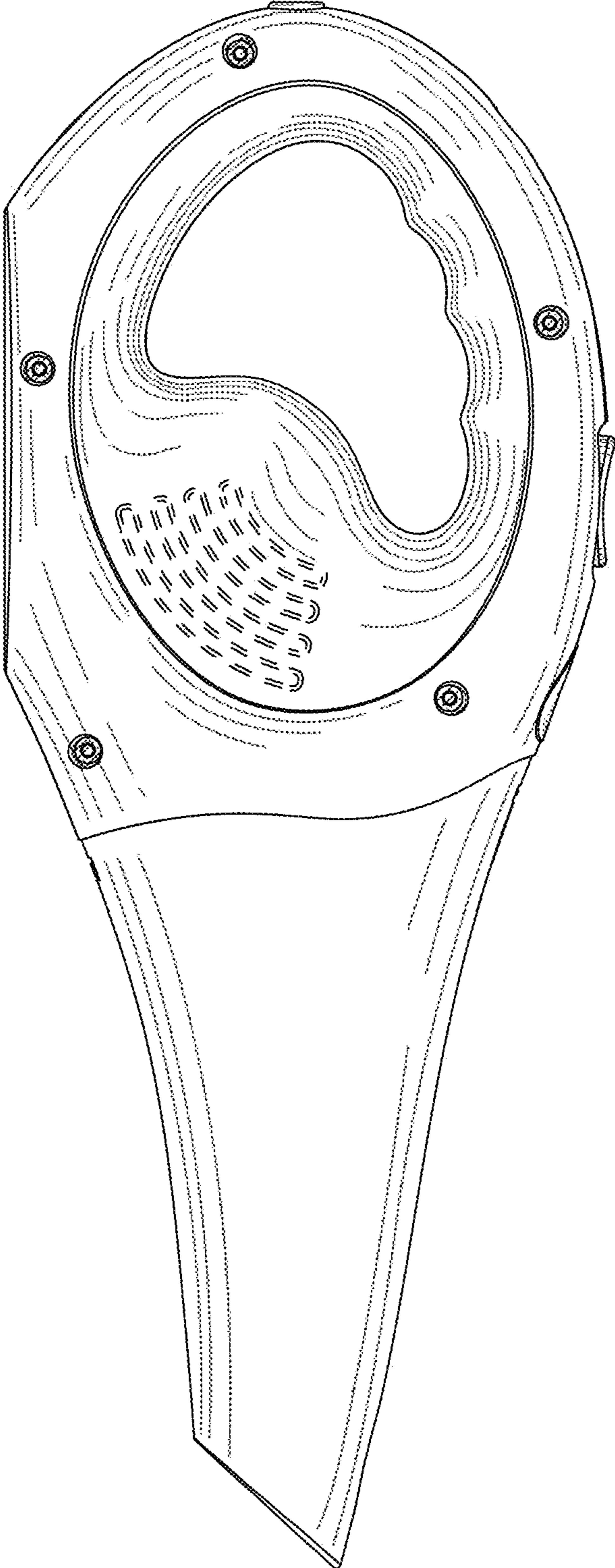


FIG. 5

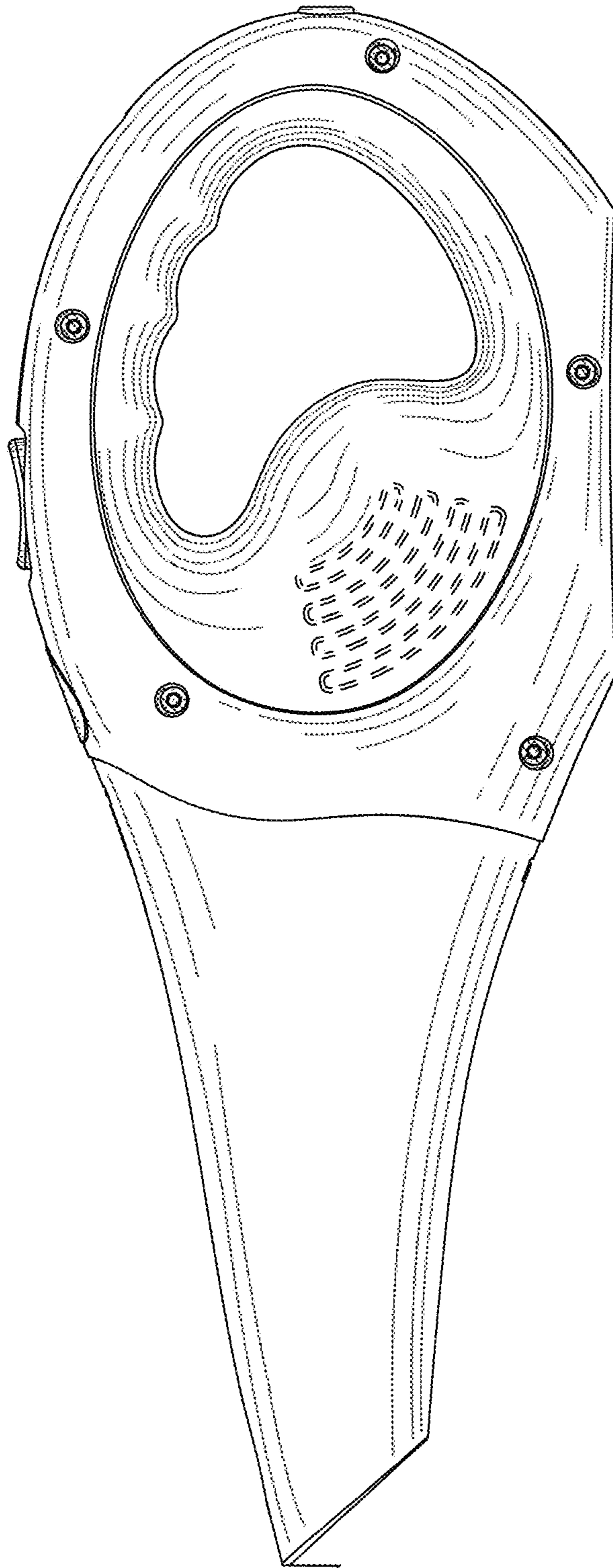


FIG. 6

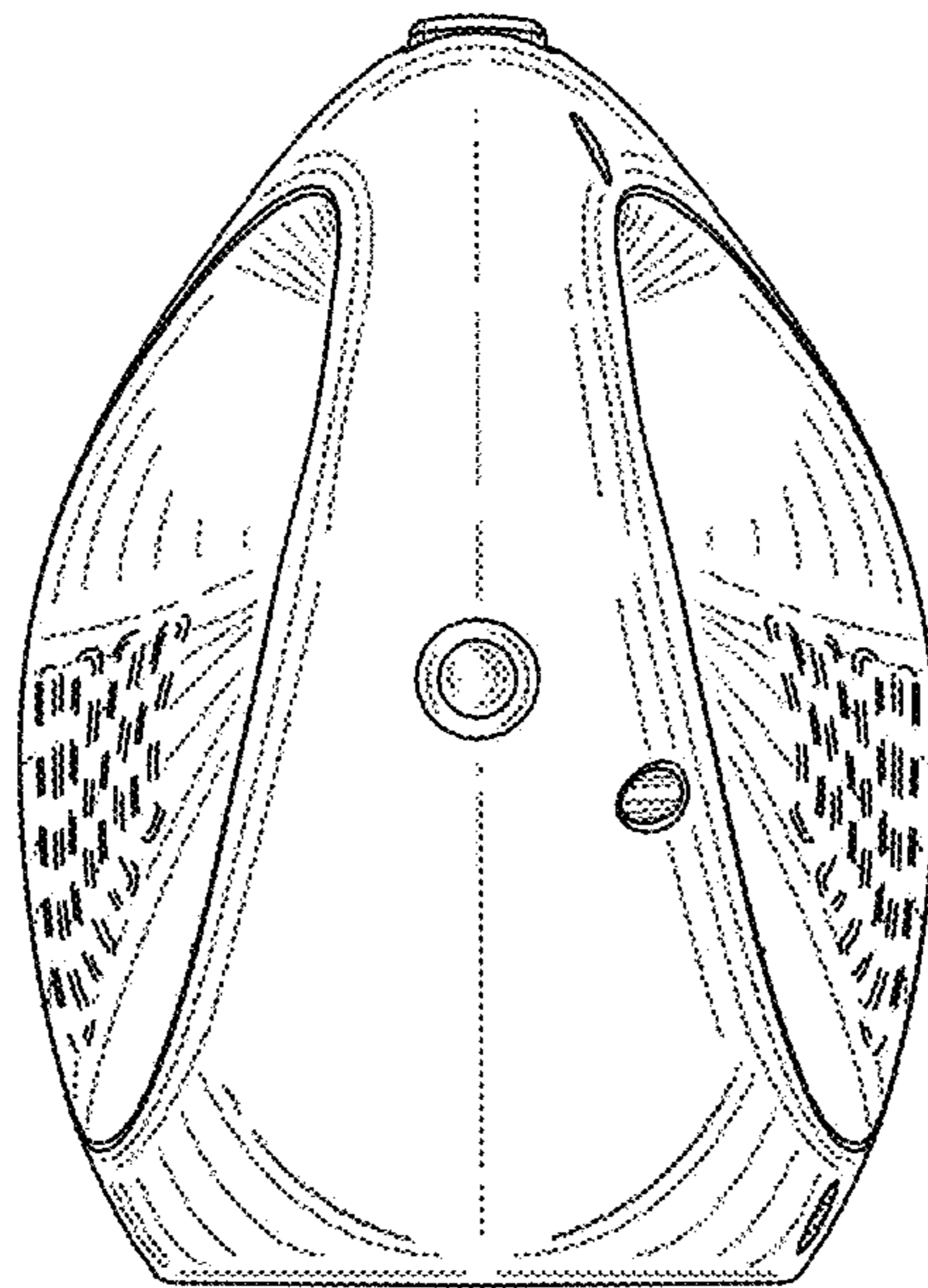


FIG. 7

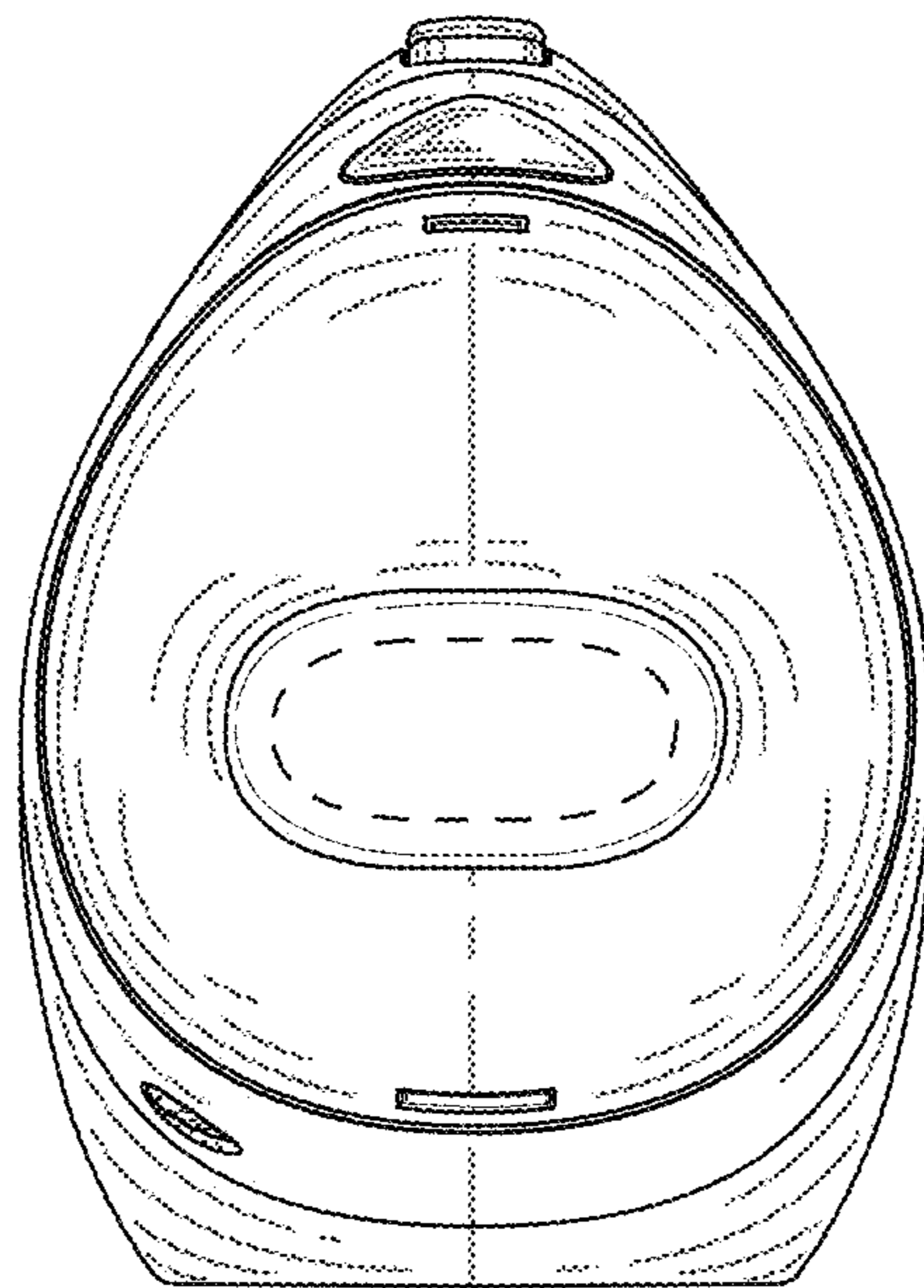


FIG. 8