



US00D927580S

(12) **United States Design Patent** (10) **Patent No.:** **US D927,580 S**
Khachikyan et al. (45) **Date of Patent:** **** Aug. 10, 2021**

- (54) **INTERACTIVE ROBOT**
- (71) Applicant: **EXPPER TECHNOLOGIES, INC.**,
Newark, DE (US)
- (72) Inventors: **Karen Khachikyan**, Yerevan (AM);
Hayk Khorasanjyan, Yerevan (AM);
Ashkhen Khandzratsyan, Yerevan
(AM)
- (73) Assignee: **EXPPER TECHNOLOGIES, INC.**,
Newark, DE (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/733,865**
- (22) Filed: **May 7, 2020**
- (51) **LOC (13) Cl.** **15-99**
- (52) **U.S. Cl.**
USPC **D15/199**
- (58) **Field of Classification Search**
USPC D15/199; D21/578-583, 621, 622;
D32/21; D34/34
CPC B25J 5/007; B25J 11/00; B25J 11/008;
B62D 57/024; G06N 3/008; Y10S 901/01
See application file for complete search history.

- D726,836 S * 4/2015 Song D21/578
- D793,145 S * 8/2017 Huang D7/306
- D810,167 S * 2/2018 Yang D15/199
- D810,800 S * 2/2018 Wang D15/199
- D811,458 S * 2/2018 Wang D15/199
- D813,281 S * 3/2018 Kittmann D15/199
- D829,250 S * 9/2018 Zilbershtein D15/199
- D829,252 S * 9/2018 Wang D15/199
- D830,437 S * 10/2018 Metta D15/199
- D830,438 S * 10/2018 Haddadin D15/199
- D835,693 S * 12/2018 Lee D15/199
- D837,855 S * 1/2019 Chen D15/199
- D840,451 S * 2/2019 Yoo D15/199

(Continued)

Primary Examiner — Patricia A Palasik
(74) *Attorney, Agent, or Firm* — Arluys IP, P.C.

(57) **CLAIM**

The ornamental design for a interactive robot, as shown and described.

DESCRIPTION

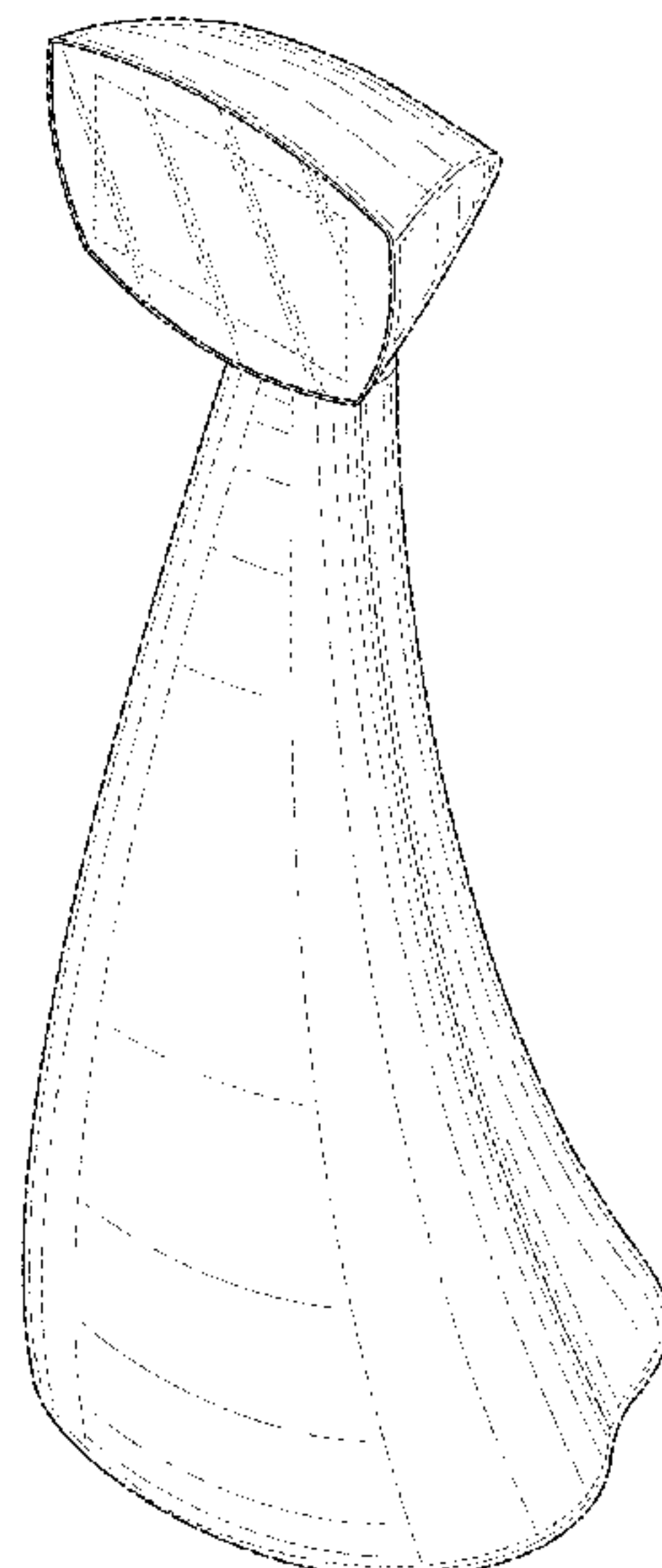
FIG. 1 is a front perspective view of an ornamental design for a interactive robot according to the invention;
 FIG. 2 is a back perspective view of an ornamental design for a interactive robot according to the invention;
 FIG. 3 is a front view of an ornamental design for a interactive robot according to the invention;
 FIG. 4 is a rear view of an ornamental design for a interactive robot according to the invention;
 FIG. 5 is a side view of an ornamental design for a interactive robot according to the invention;
 FIG. 6 is a reverse side view of an ornamental design for a interactive robot according to the invention;
 FIG. 7 is a top view of an ornamental design for a interactive robot according to the invention; and,
 FIG. 8 is a bottom view of an ornamental design for a interactive robot according to the invention.
 The broken lines indicate portions of the interactive robot which form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D290,032 S * 5/1987 Horiuchi D21/578
- D549,756 S * 8/2007 Park D15/199
- D559,288 S * 1/2008 Matsuda D15/199
- D579,035 S * 10/2008 Kim B25J 11/008
D15/199
- D644,256 S * 8/2011 Kitano D15/199
- D675,656 S * 2/2013 Sutherland D15/199
- D701,256 S * 3/2014 Song D15/199
- D719,620 S * 12/2014 Clerc B25J 5/007
D21/578
- D725,166 S * 3/2015 Paik D15/199



(56)

References Cited

U.S. PATENT DOCUMENTS

D849,813	S *	5/2019	Sutherland	.....	D15/199
D855,673	S *	8/2019	Sutherland	.....	D15/199
10,399,616	B2 *	9/2019	Ellerman	.....	A63H 33/26
D881,249	S *	4/2020	Kim	.....	D15/199
2007/0192910	A1 *	8/2007	Vu	.....	B25J 19/06
					700/245
2014/0009561	A1 *	1/2014	Sutherland	.....	F16M 11/42
					348/14.05
2015/0081338	A1 *	3/2015	Lai	.....	G06Q 50/22
					705/3
2015/0224640	A1 *	8/2015	Vu	.....	B25J 5/007
					700/259
2016/0221191	A1 *	8/2016	Ota	.....	B25J 9/1674
2017/0080816	A1 *	3/2017	Clerc	.....	H02J 7/0044
2018/0178375	A1 *	6/2018	Yang	.....	B25J 19/00

* cited by examiner

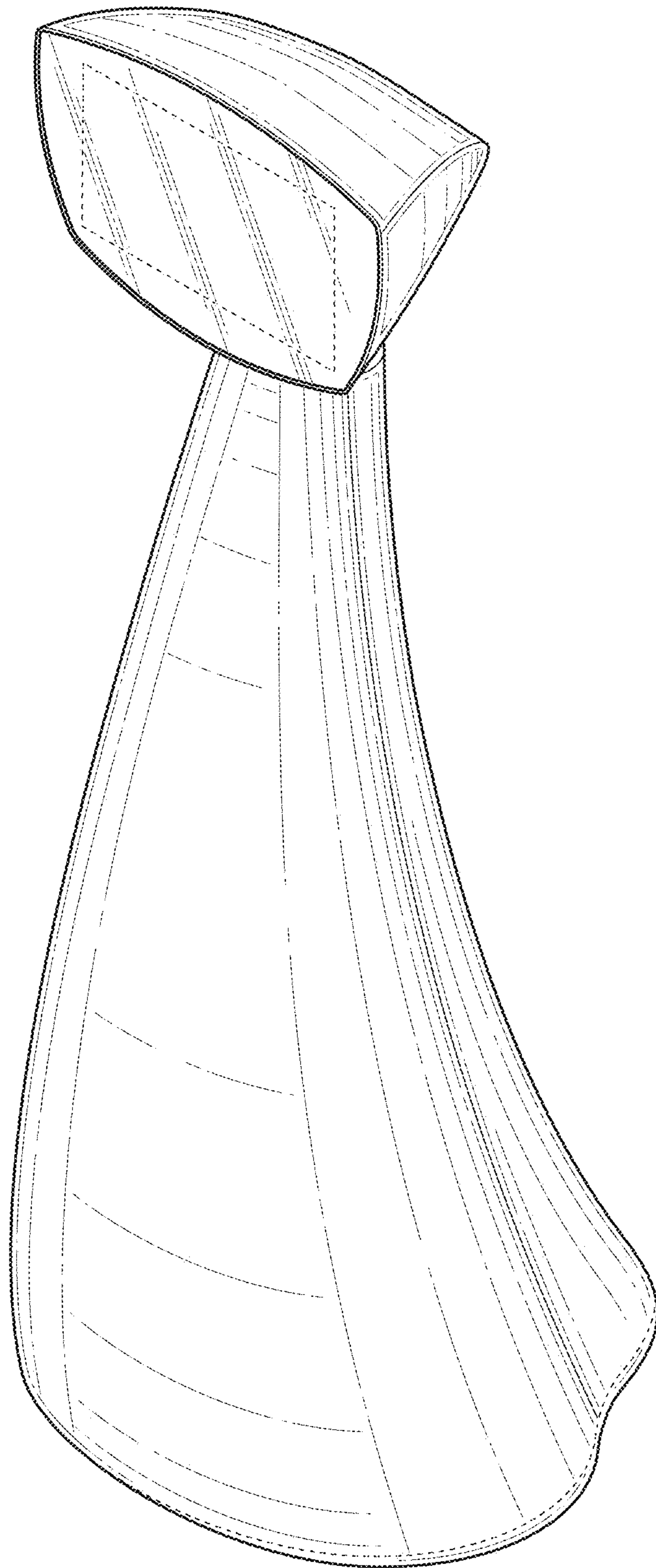


FIG. 1

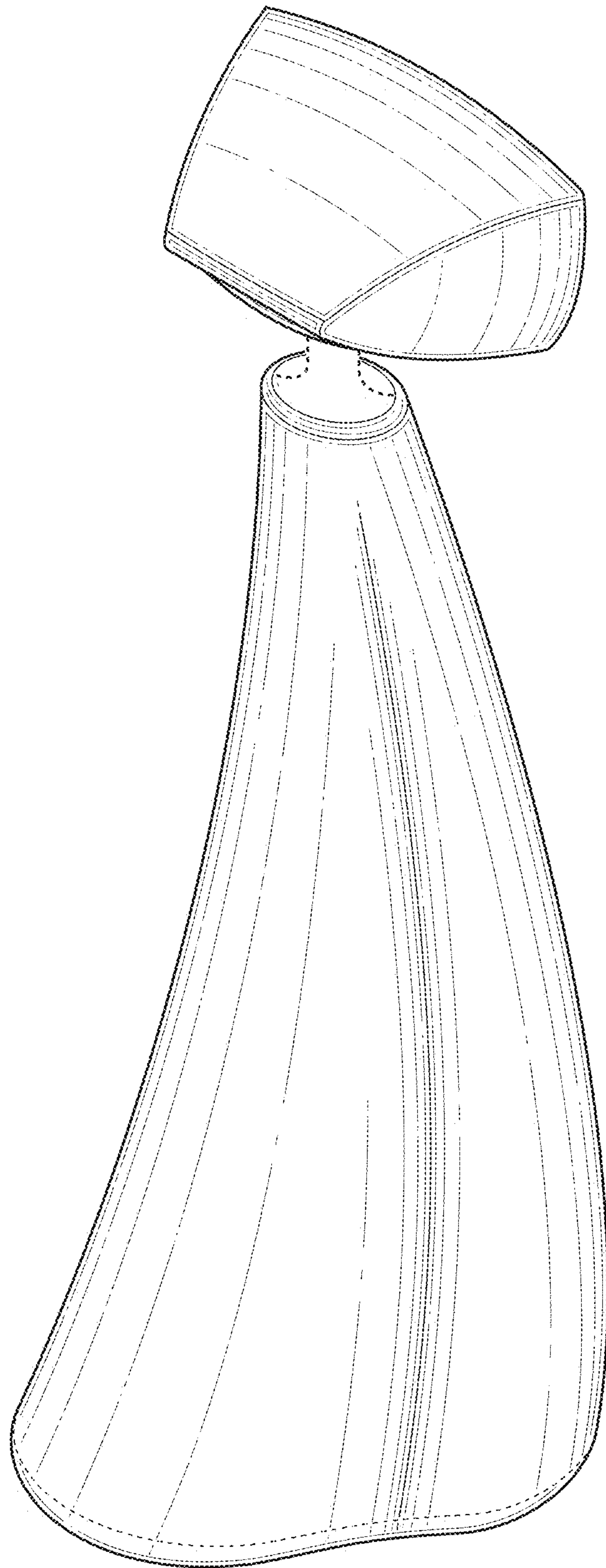


FIG. 2

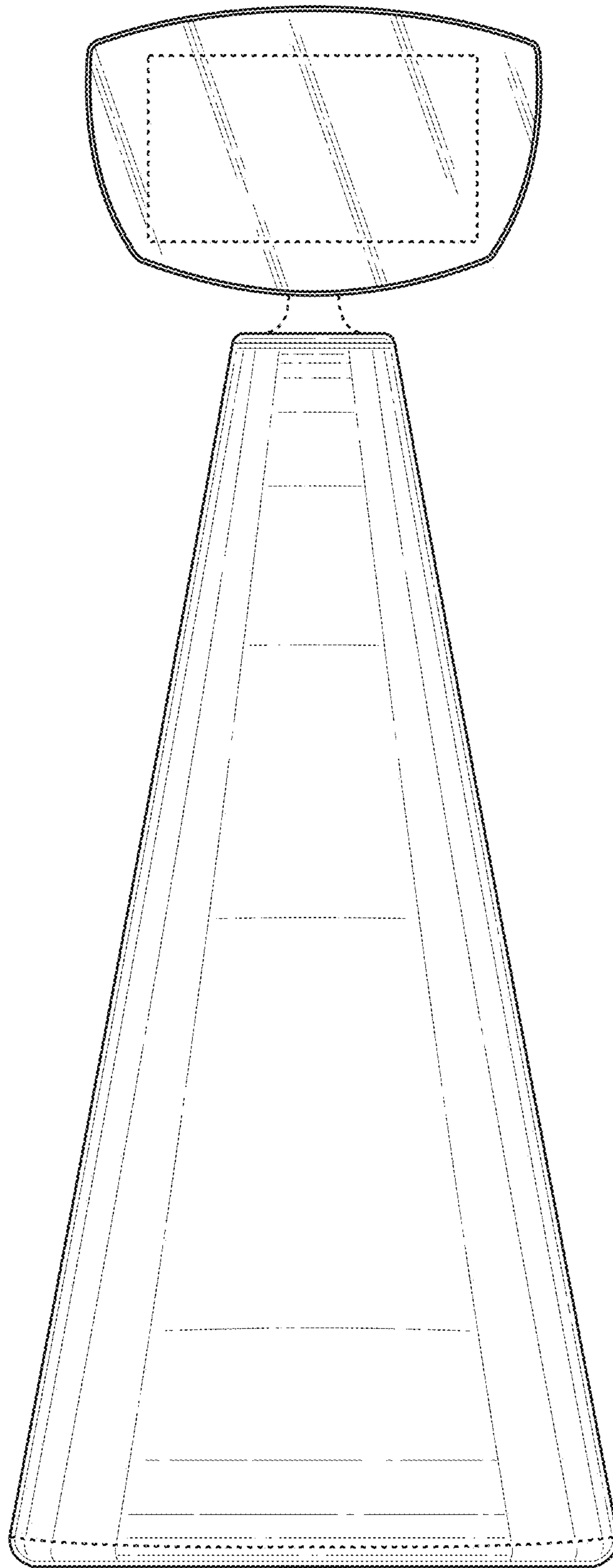


FIG. 3

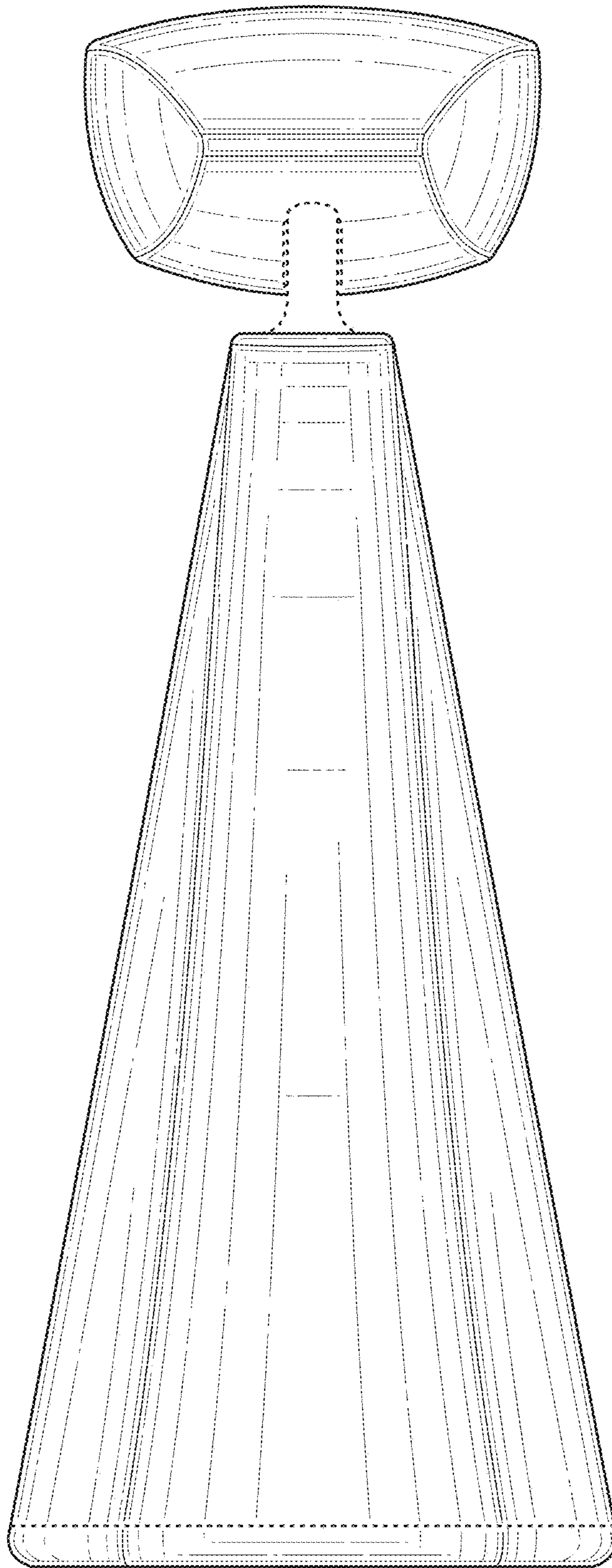


FIG. 4

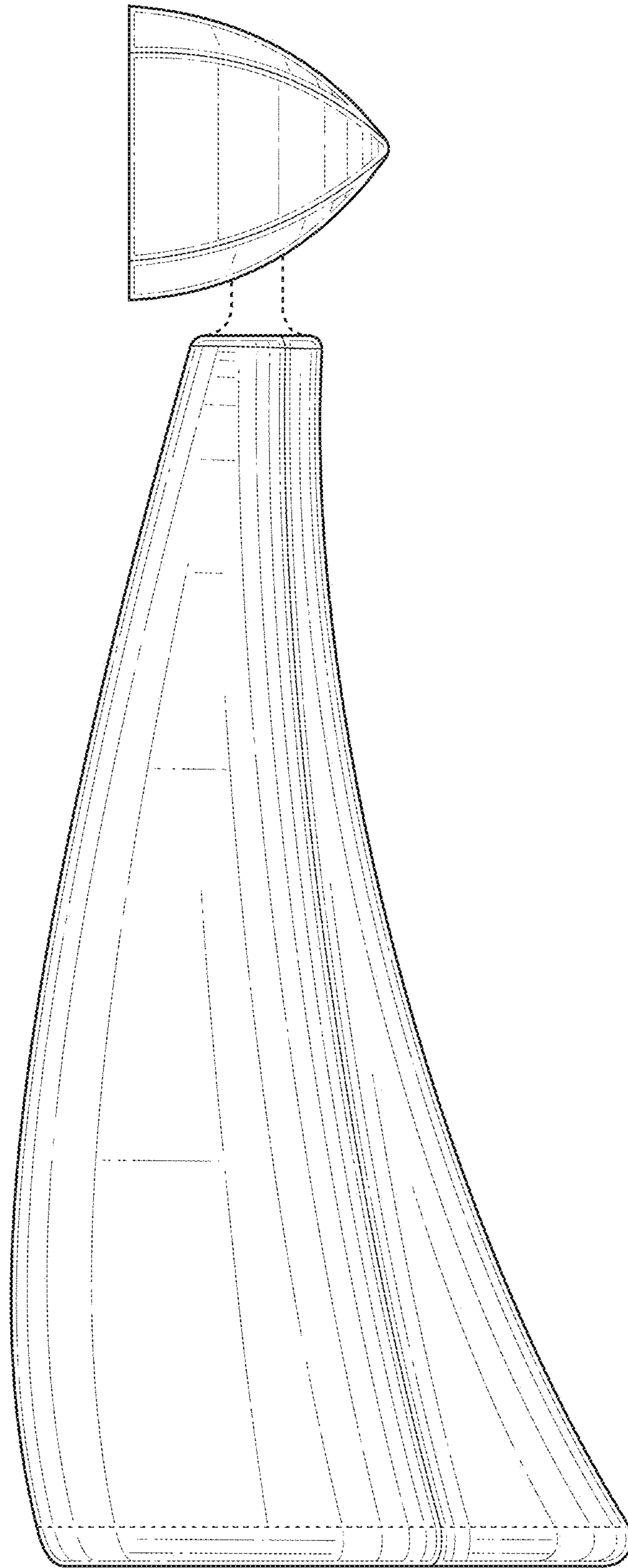


FIG. 5

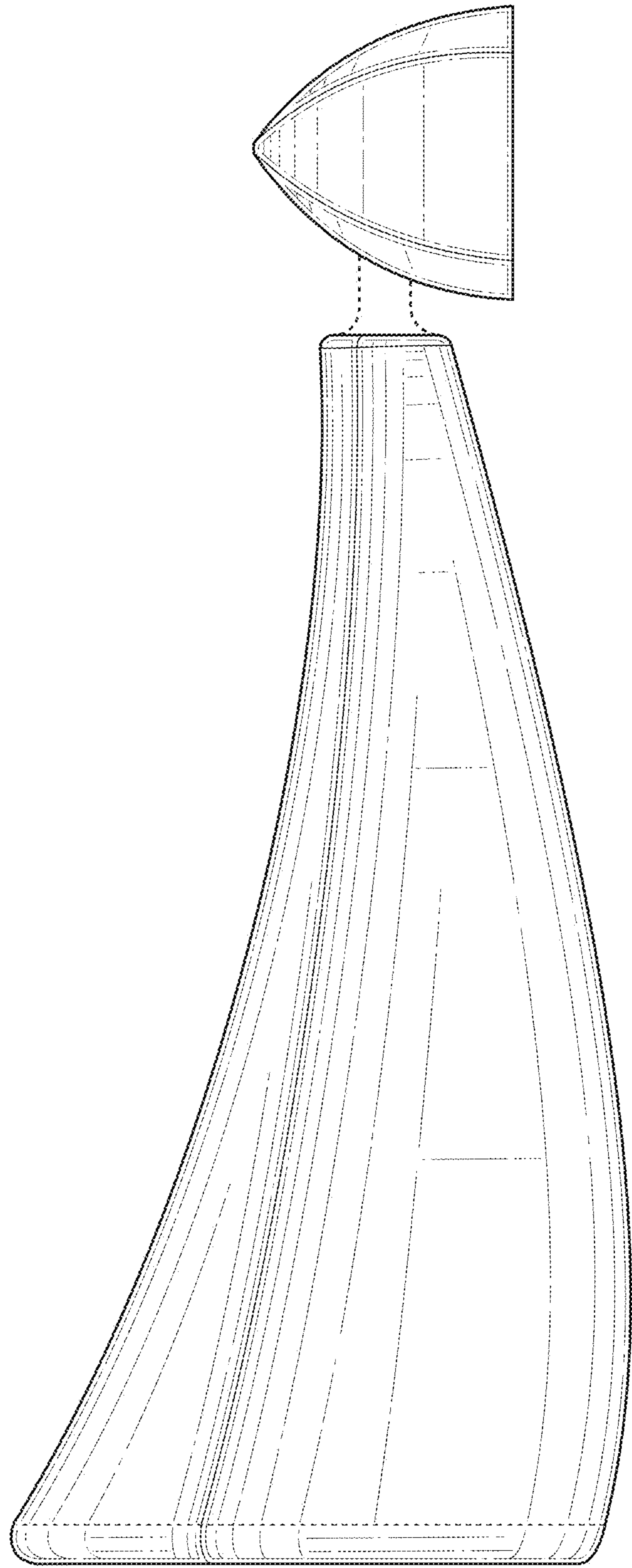


FIG. 6

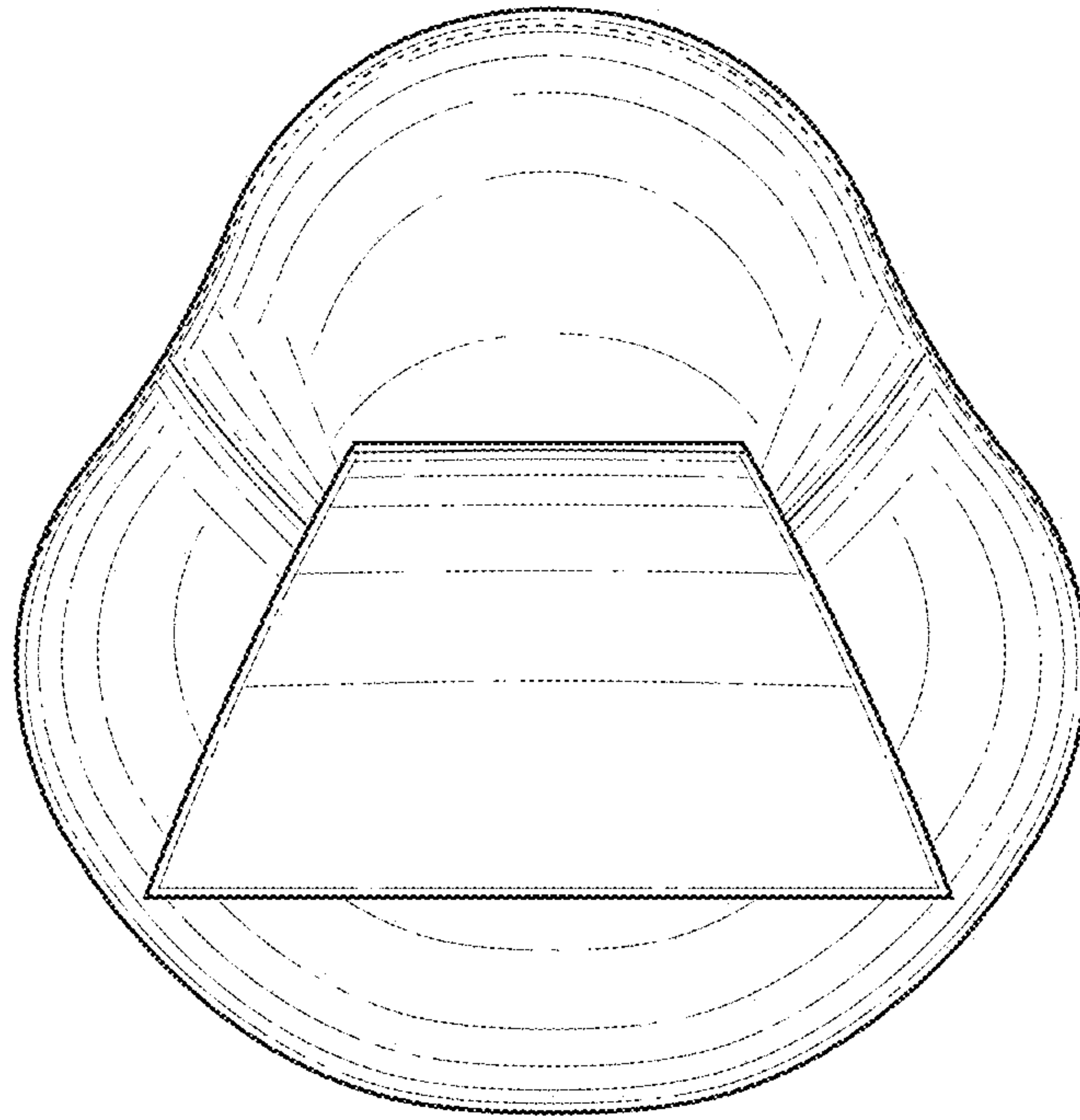


FIG. 7

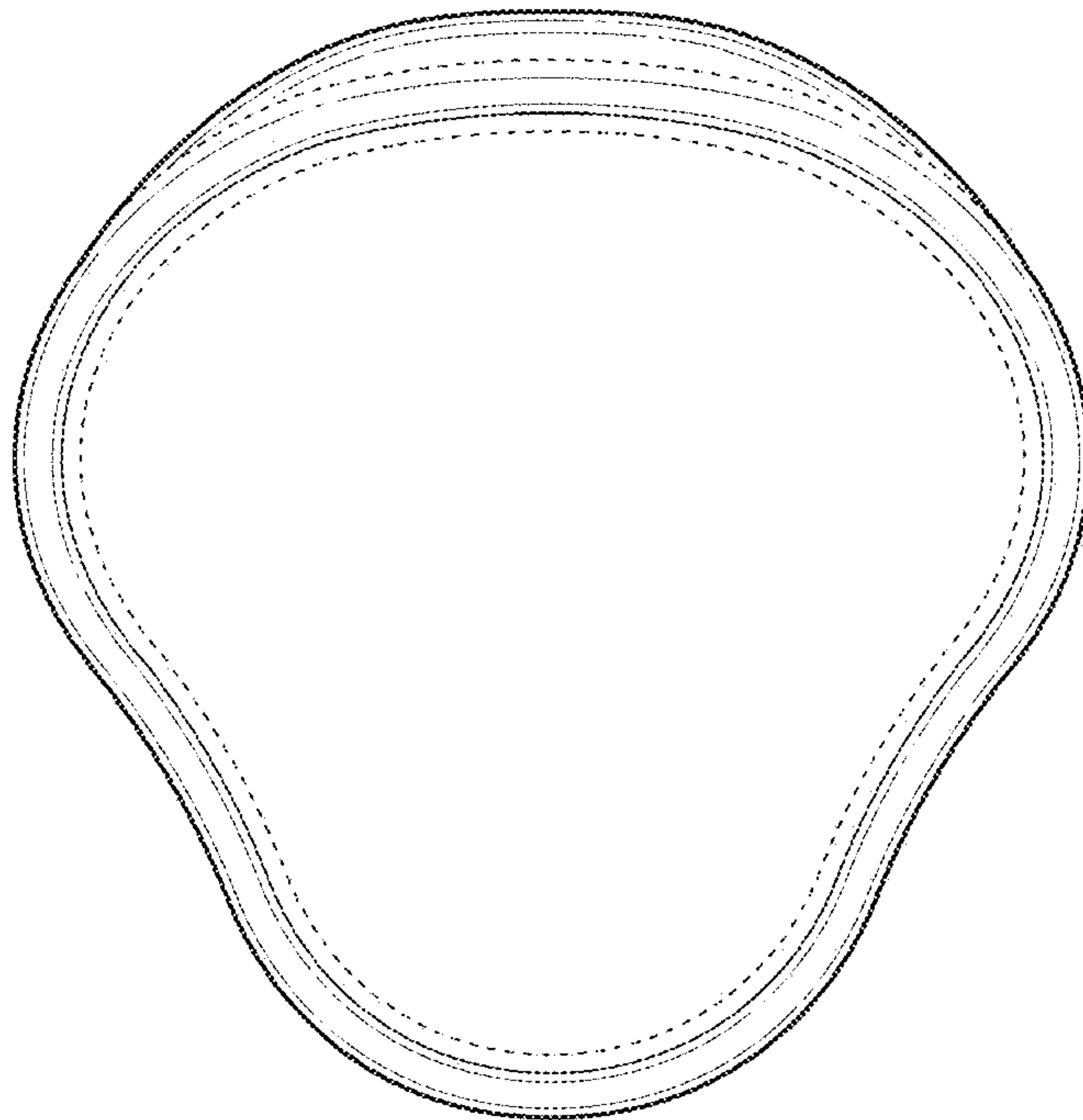


FIG. 8