



US00D984773S

(12) **United States Design Patent** (10) **Patent No.:** **US D984,773 S**
Ye et al. (45) **Date of Patent:** **** Apr. 25, 2023**

(54) **WASTE BIN**

- (71) Applicant: **Xin Wang**, Eastvale, CA (US)
- (72) Inventors: **Xun Ye**, San Jose, CA (US); **Min Wang**, Fuzhou (CN)
- (73) Assignee: **Xin Wang**, Eastvale, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/798,355**
- (22) Filed: **Jul. 7, 2021**
- (51) **LOC (14) Cl.** **09-09**
- (52) **U.S. Cl.**
USPC **D34/7**
- (58) **Field of Classification Search**
USPC D34/1, 3, 6, 7, 8, 9, 10, 11
CPC B65F 1/00; B65F 1/163; B65F 1/1638;
B65F 1/0033; B65F 2001/1489; Y10S
220/908
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D509,036 S *	8/2005	Lin	.....	D34/9
D521,706 S *	5/2006	Lin	.....	D34/9
D532,174 S *	11/2006	Lin	.....	D34/7
D537,998 S *	3/2007	Lin	.....	D34/7
D561,420 S *	2/2008	Lin	.....	D34/9
D709,662 S *	7/2014	Yang	.....	D34/9
D882,903 S *	4/2020	Chen	.....	D34/9
D886,402 S *	6/2020	Chen	.....	D34/9
D924,523 S *	7/2021	Wang	.....	D34/8
D954,379 S *	6/2022	Ye	.....	D34/7

OTHER PUBLICATIONS

Elpheco, announced Jan. 2021 [online], [site visited Nov. 26, 2022]. Avail from int, URL: https://www.amazon.com/ELPHECO-Bathroom-Automatic-Garbage-Plastic/dp/B0912D31F1/ref=sr_1_38 (Year: 2021).*

CY Craft, announced Oct. 2019 [online], [site visited Nov. 26, 2022]. Avail from int, URL: https://www.amazon.com/CY-craft-Plastic-Garbage-Bathroom/dp/B07ZKN7LB4/ref=d_pd_di_sccai_cn_scc1_4_56/134-8731715-5467333 (Year: 2019).*

HCB Can, announced Sep. 2020 [online], [site visited Nov. 26, 2022]. Avail from int, URL: https://www.amazon.com/HCB-Automatic-Garbage-Stainless-Bathroom/dp/B08HWCGYH6/ref=sr_1_198 (Year: 2020).*

* cited by examiner

Primary Examiner — Cynthia Ramirez
Assistant Examiner — Tamara L Hahn
 (74) *Attorney, Agent, or Firm* — Karish & Bjorgum, PC

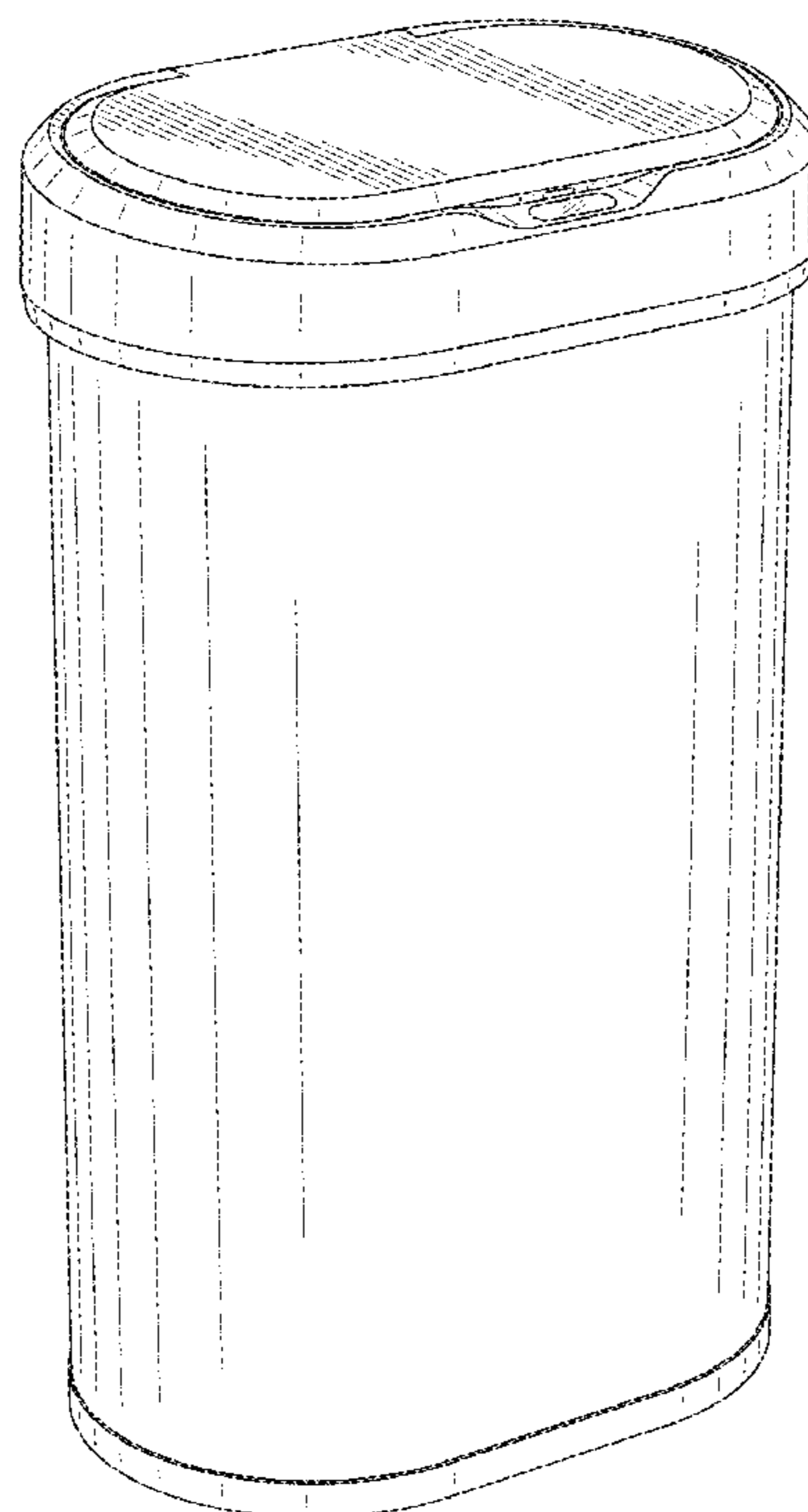
(57) **CLAIM**

The ornamental design for waste bin, as shown and described.

DESCRIPTION

FIG. 1 is a front left perspective view of the waste bin of the invention in a closed condition;
 FIG. 2 is a front elevation view of the waste bin of FIG. 1;
 FIG. 3 is a rear elevation view of the waste bin of FIG. 1;
 FIG. 4 is a left side elevation view of the waste bin of FIG. 1, the right side view being a mirror image of the left side view; and,
 FIG. 5 is a top view of the waste bin of FIG. 1.
 The broken lines in the drawings depict portions of the waste bin that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



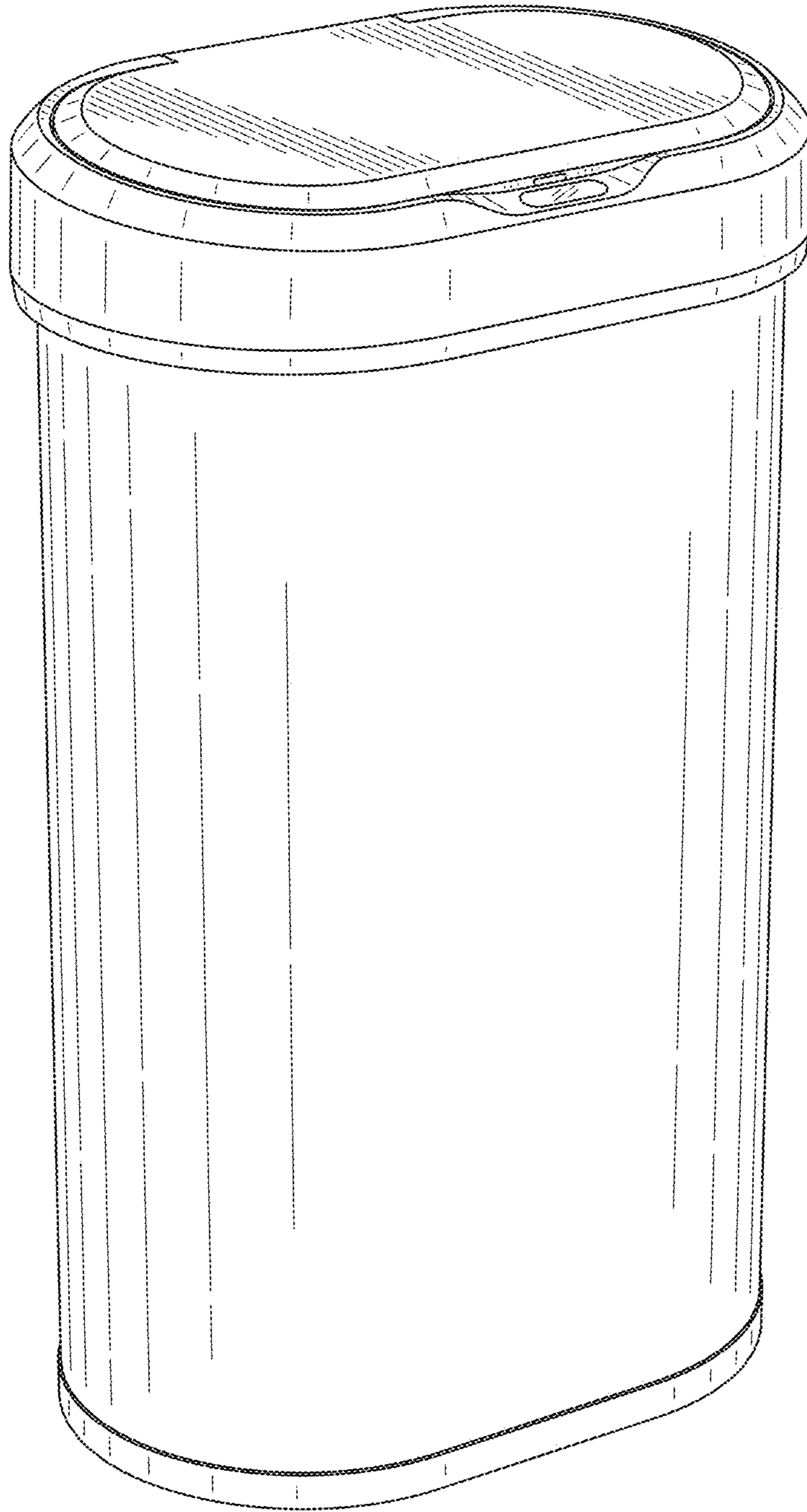


FIG. 1

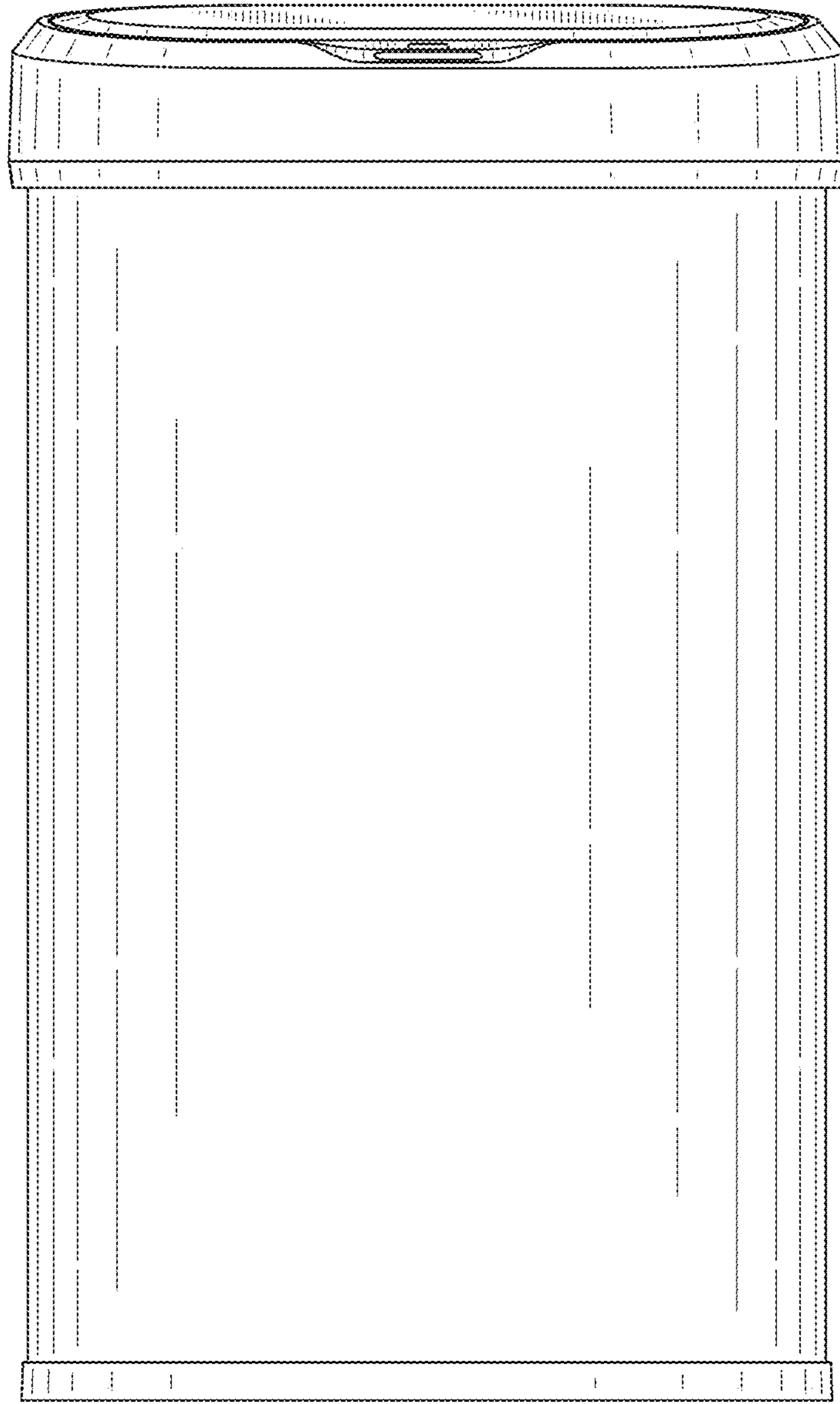


FIG. 2

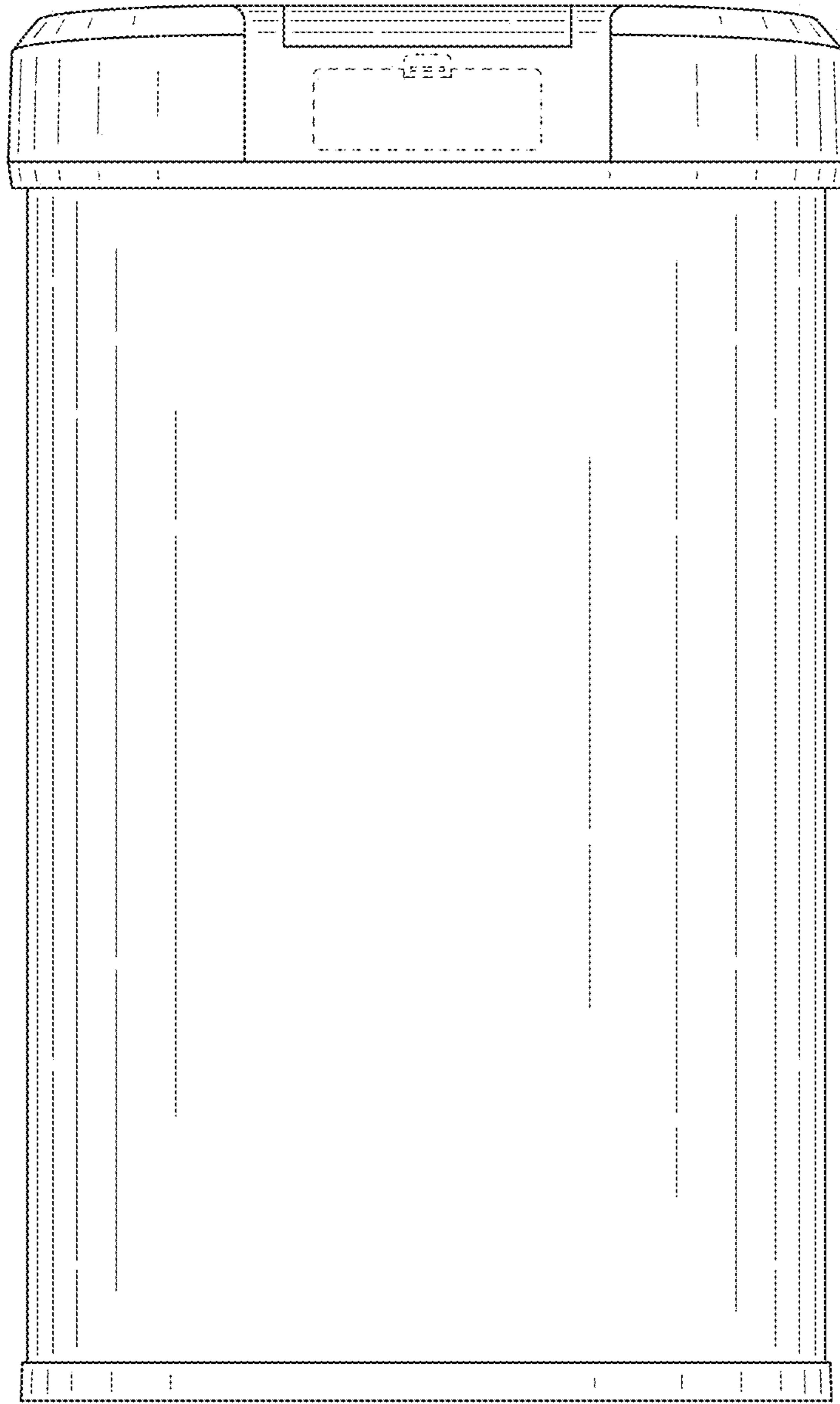


FIG. 3

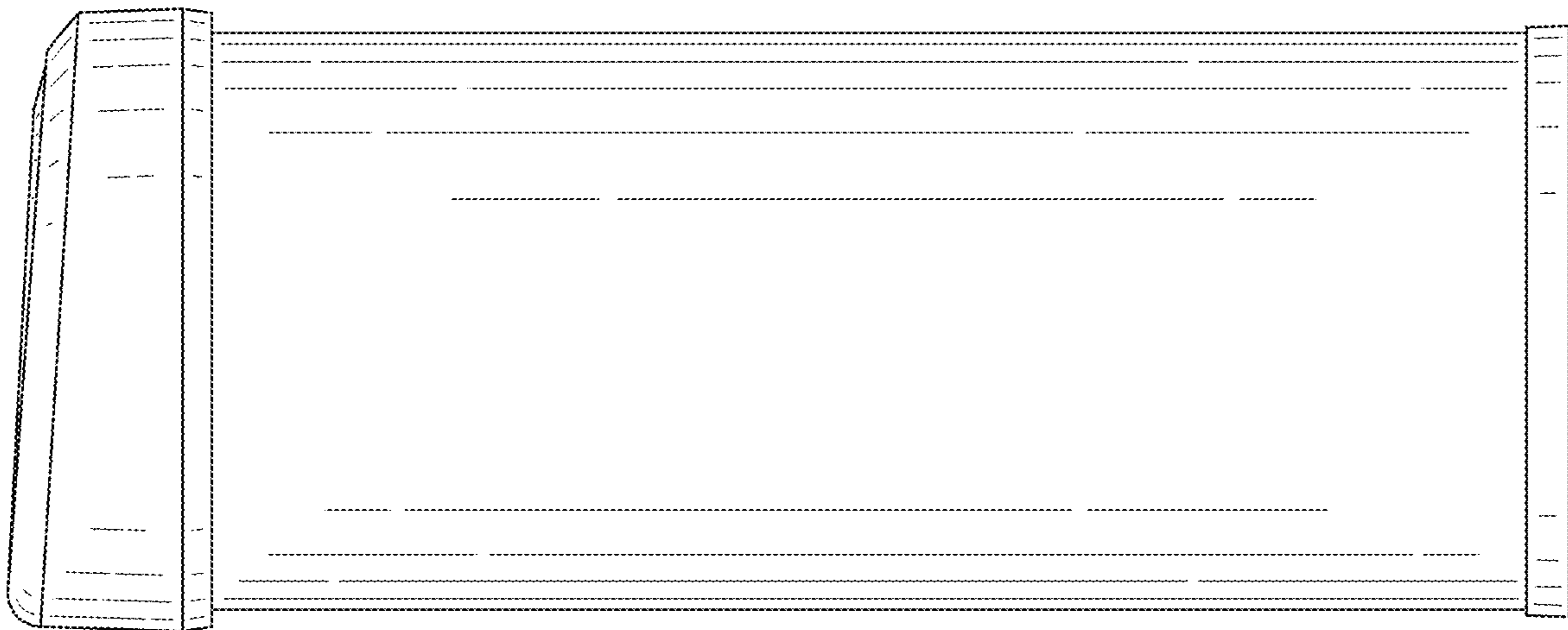


FIG. 4

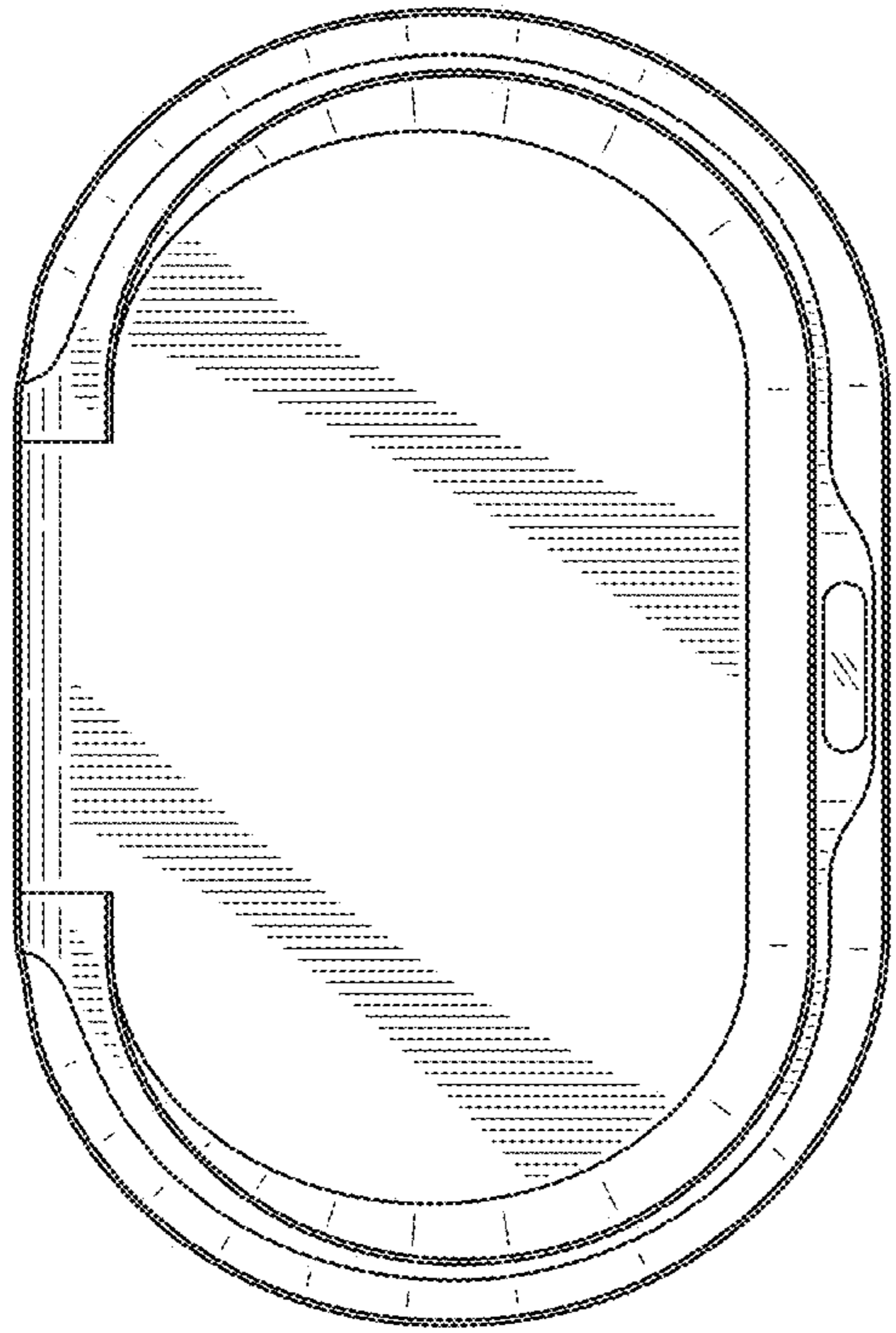


FIG. 5