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(12) **United States Design Patent** (10) **Patent No.:** **US D924,428 S**
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(54) **MOBILE PHONE STERILIZER**

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

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(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/217**

(58) **Field of Classification Search**
USPC D24/216–219, 231, 232; D32/1, 25; D3/203.1, 294
CPC ... A61L 2/26; A61L 2/10; A61L 2/025; A61L 2202/11; A61L 2202/23; A61L 2202/122; A61L 2202/10

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D502,546 S *	3/2005	Shin	.....	D24/217
D790,725 S *	6/2017	Orcutt	.....	D24/216
D854,705 S *	7/2019	Ouyang	.....	D24/217
D882,262 S *	4/2020	Zhang	.....	D3/294
D885,603 S *	5/2020	Zhang	.....	D24/217
D887,006 S *	6/2020	Frenkler	.....	D24/176
D893,740 S *	8/2020	Lv	.....	D24/217
D900,333 S *	10/2020	Xie	.....	D24/217
D907,103 S *	1/2021	Zhao	.....	D16/230
D914,233 S *	3/2021	Yi	.....	D24/217
D914,234 S *	3/2021	Yi	.....	D24/217

D916,311 S *	4/2021	Yoo	.....	D24/217
2017/0324267 A1 *	11/2017	Decker	.....	H02J 7/0042
2019/0099509 A1 *	4/2019	Martz	.....	A61L 2/10

FOREIGN PATENT DOCUMENTS

CN 306013598 * 8/2020

OTHER PUBLICATIONS

Shenzhen Hygea Technology, UV Sanitizing Box, posted at <https://hygealedlight.en.alibaba.com/>, no posting date, retrieved May 4, 2021, online, URL: [https://hygealedlight.en.alibaba.com/\(Year:2021\)](https://hygealedlight.en.alibaba.com/(Year:2021)).*

* cited by examiner

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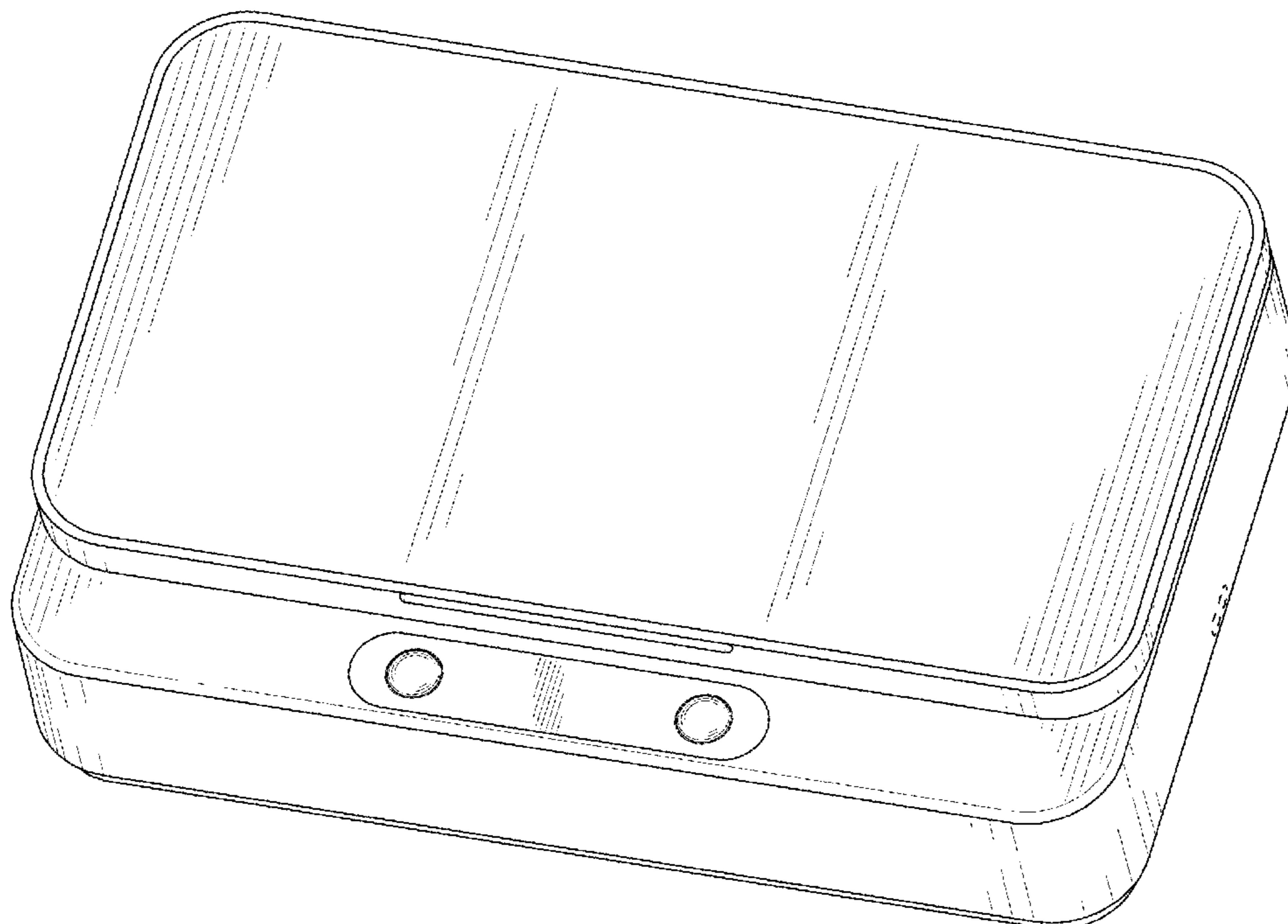
(57) **CLAIM**

The ornamental design for a mobile phone sterilizer, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a mobile phone sterilizer showing my new design;
FIG. 2 is another 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 in the figures illustrate portions of the mobile phone sterilizer that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



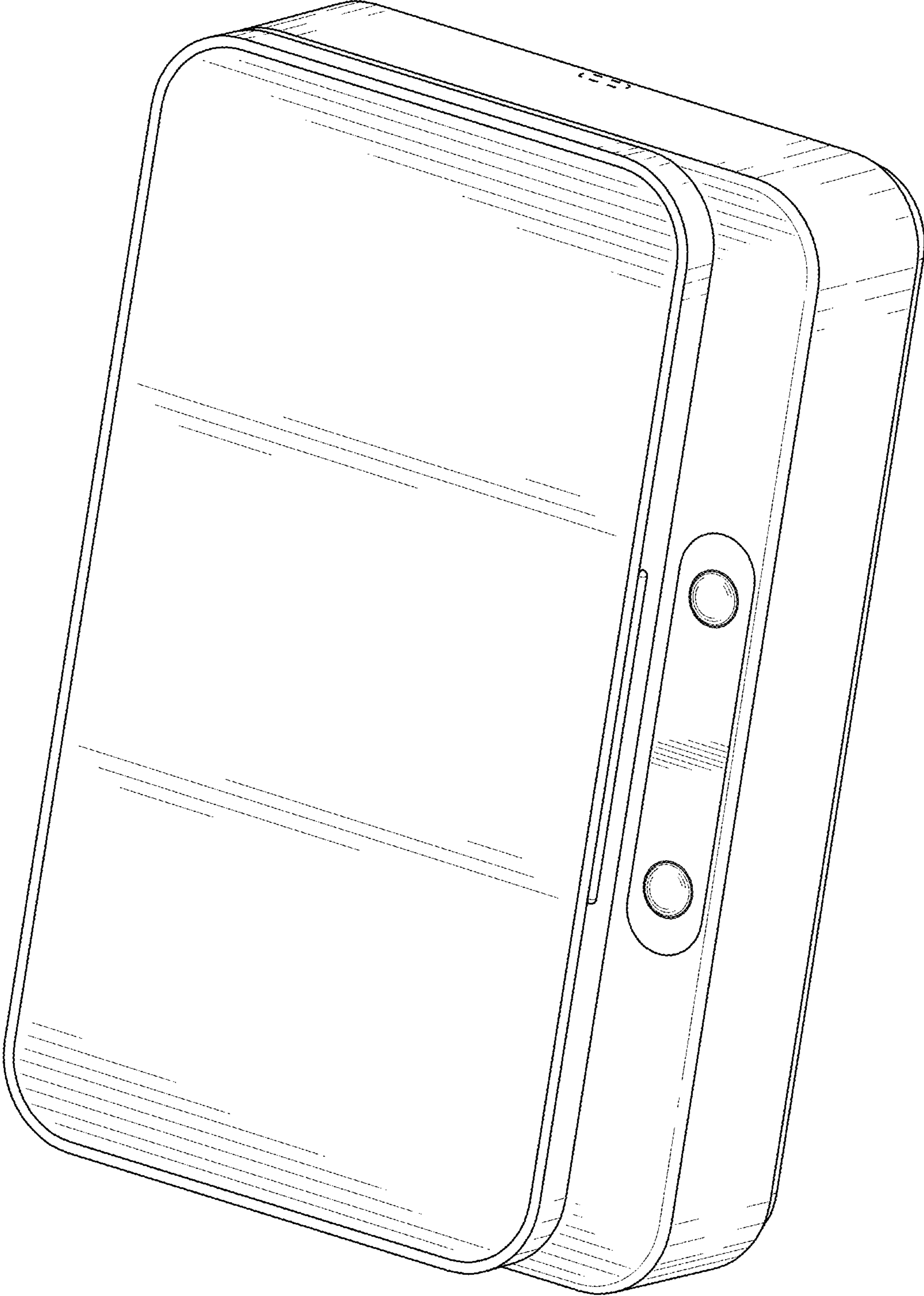


FIG. 1

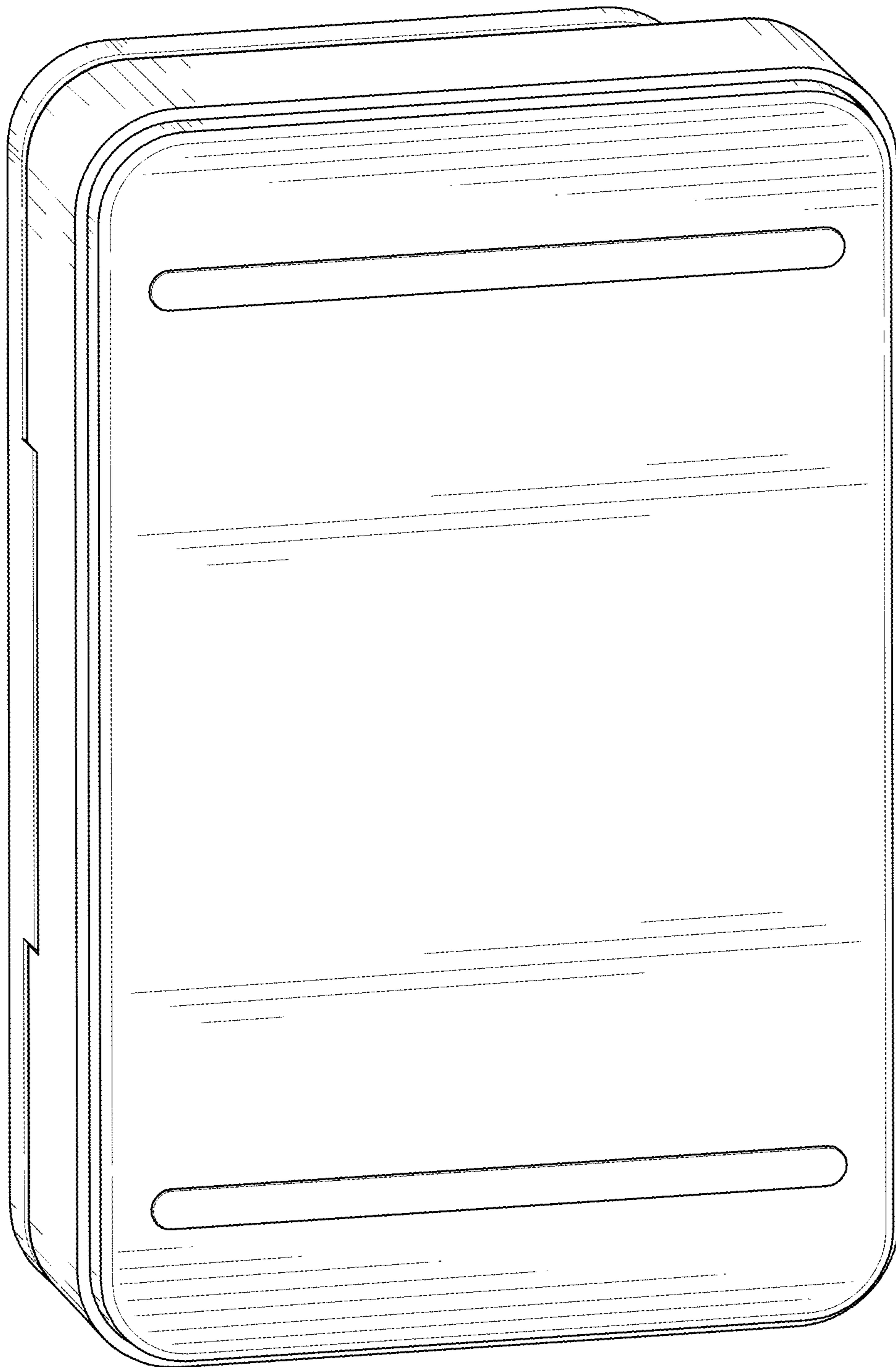


FIG. 2

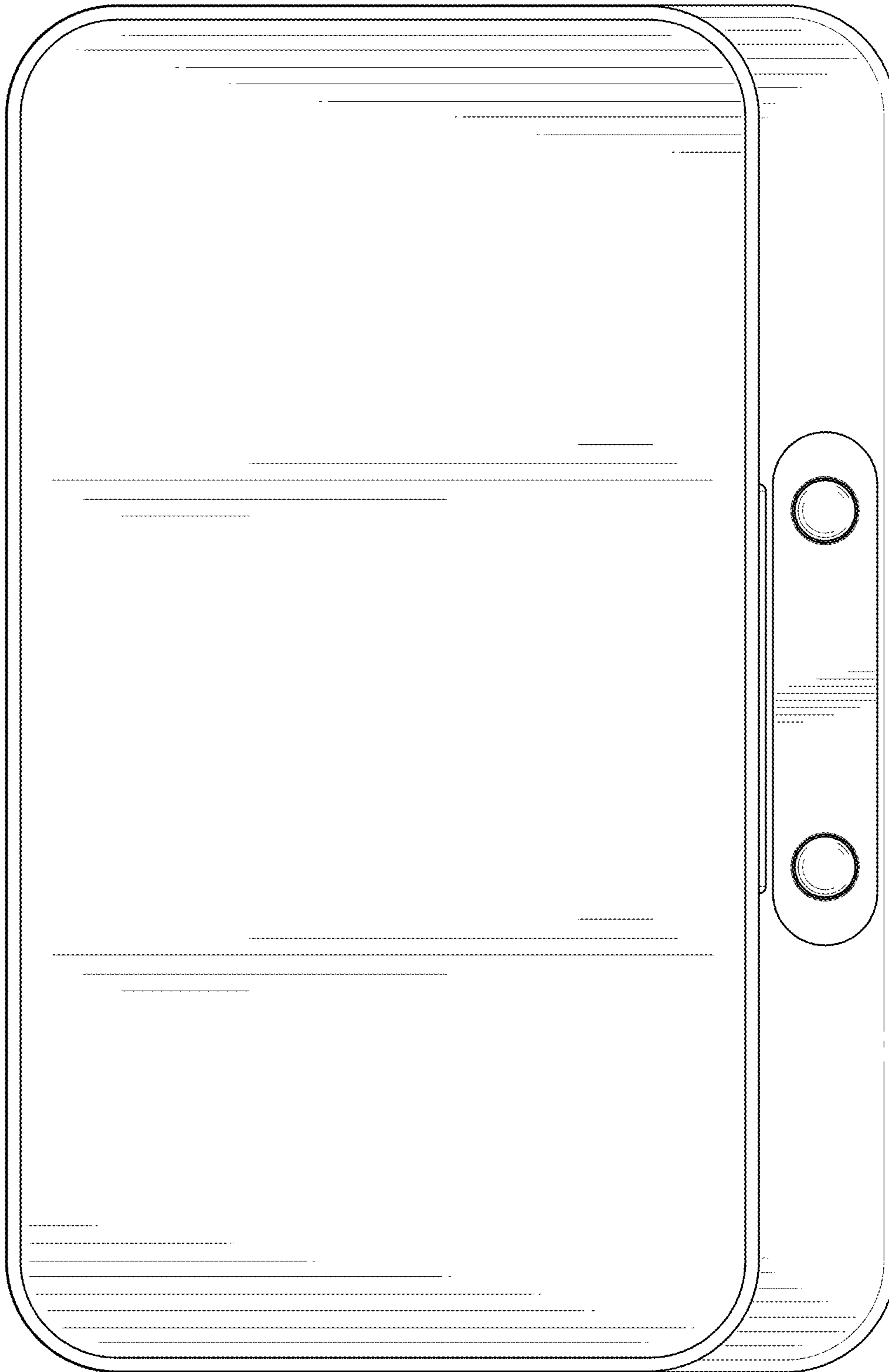


FIG. 3



FIG. 4

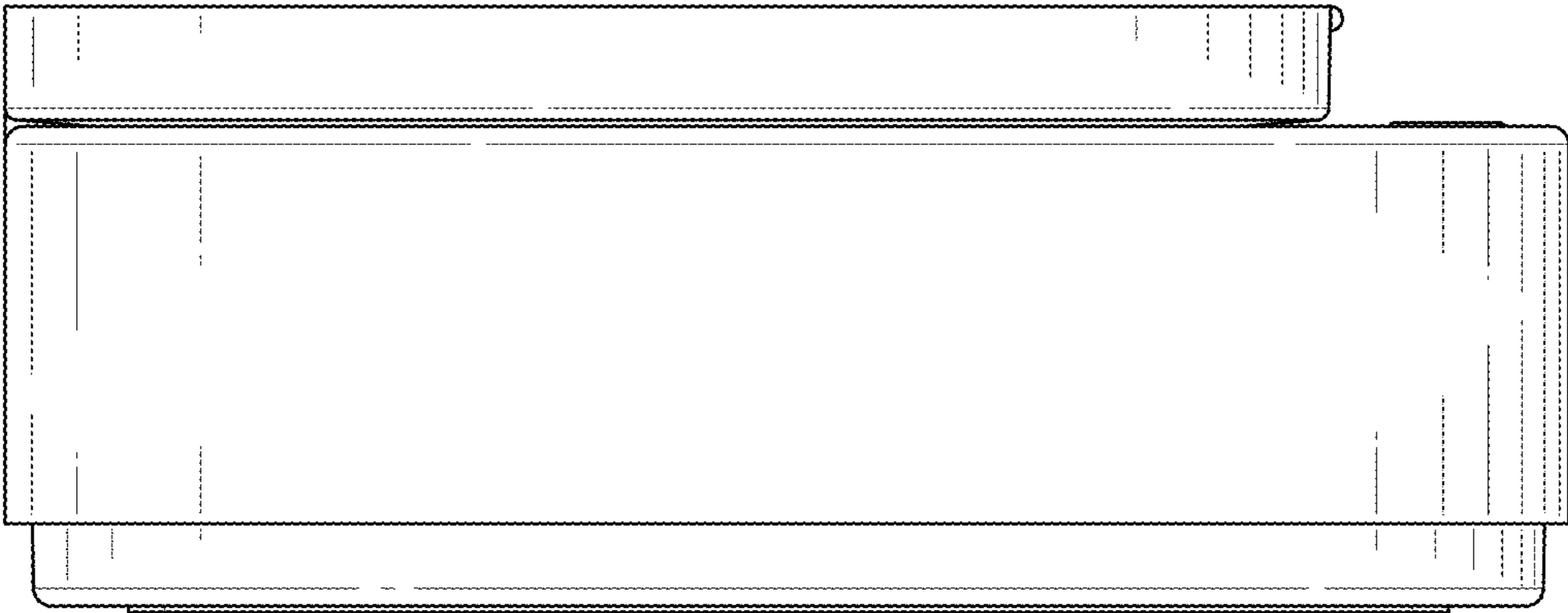


FIG. 5

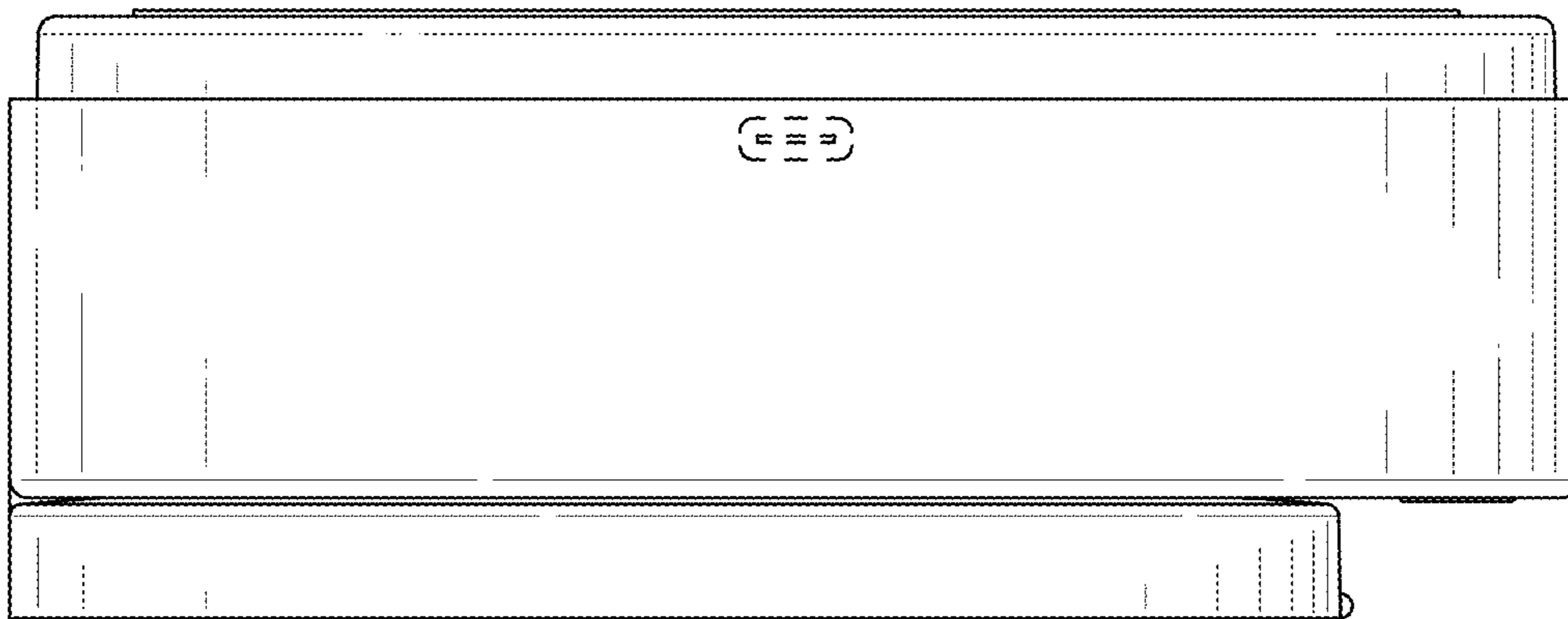


FIG. 6

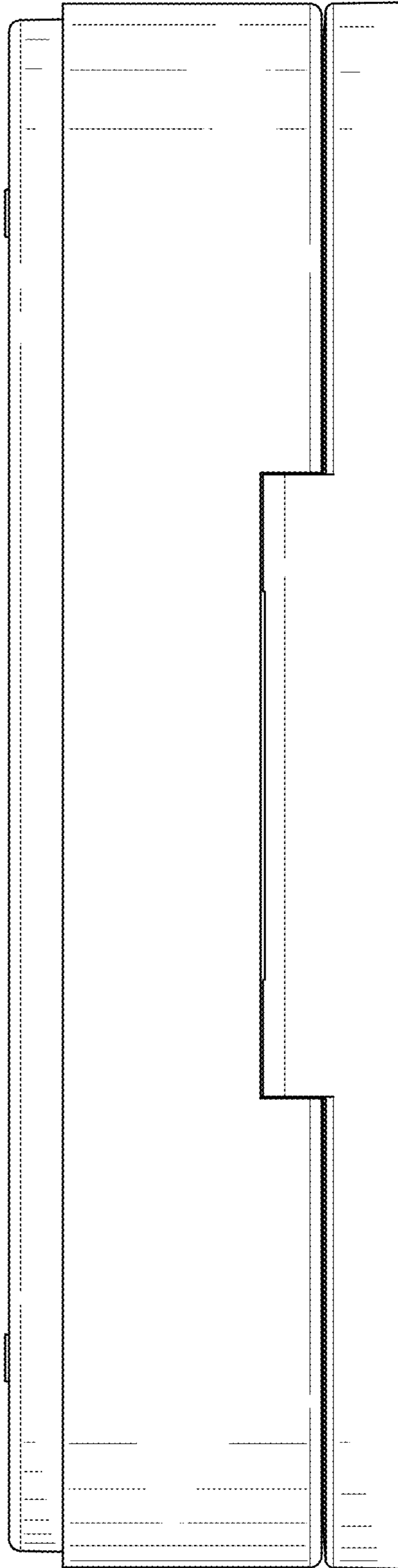


FIG. 7

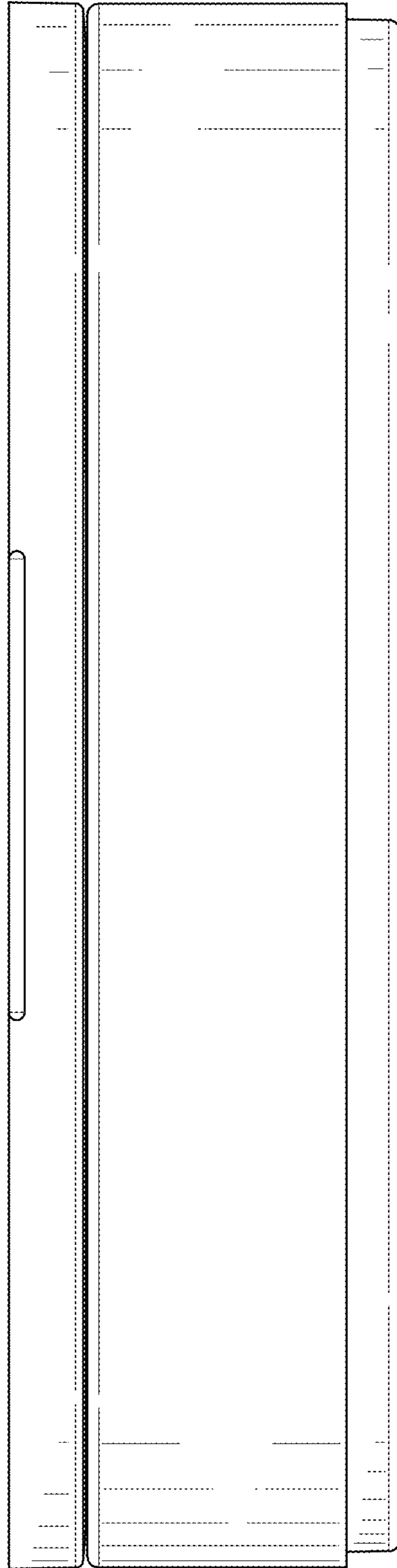


FIG. 8