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(12)

United States Design Patent

Tanaka et al.

(10)

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US D960,739 S

(45)

Date of Patent:

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(54) OPTICAL ANALYZER

(71) Applicant: FUJIFILM Corporation, Tokyo (JP)
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(73) Assignee: FUJIFILM Corporation, Tokyo (JP)

(**) Term: 15 Years

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(52) U.S. Cl.
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(58) Field of Classification Search
USPC D10/96-103, 65-80, 61; D24/216, 232,
D24/186, 217, 224, 226, 227, 2, 29, 230,
D24/231; D16/237, 250, 130, 136, 1, 99
CPC G01N 35/025; G01N 35/00871; G01N
35/1009; G01N 35/02; G01N 35/00712;
G01N 2035/00891; G01N 2035/1025;
G01N 2035/0091; G01N 2035/0441;
G01N 2035/0446; G01N 2035/0494;
G01N 35/00722; G01N 35/1004; G01N
11/00; G01N 9/00; G01N 7/00; G01N
5/00; B01L 7/52; B01L 7/00; B01L
2300/0829; B01L 2300/1844; B01L
2300/1816; C12Q 1/00; C12Q 2304/00;
G02B 21/34; G02B 17/06; G02B
27/0025; G02B 25/007; G02B 13/22
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D421,653 S * 3/2000 Purcell D24/231
D607,569 S * 1/2010 Yukikado D24/186
D714,459 S * 9/2014 Develon D24/216
D728,818 S * 5/2015 Burroughs D24/230
(Continued)

FOREIGN PATENT DOCUMENTS

CN 304542751 * 9/2017
EM 002412593-0001 * 2/2014
(Continued)

OTHER PUBLICATIONS

FUJIFILM , Wako Toxinometer ET-7000/E Expansion Module,
[online]retrieved Mar. 21, 2022,available from <https://www.fishersci.com/shop/products/toxinometer-et-7000-e-expansion-module/12333045> (Year: 2022).*
(Continued)

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Assistant Examiner — Sara S Sahneh
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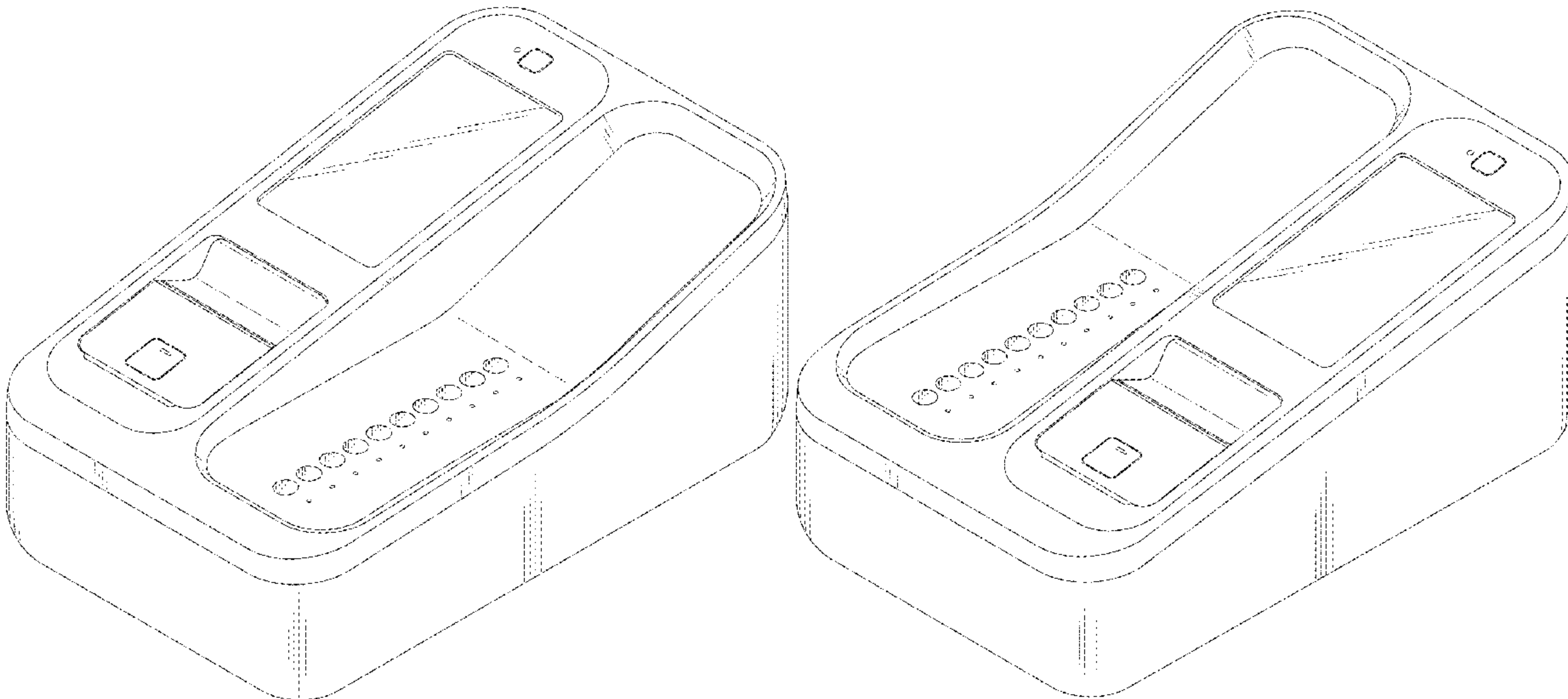
(57) CLAIM

The ornamental design for an optical analyzer, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of an optical analyzer, showing the new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a perspective view of a second embodiment of an optical analyzer, showing the new design;
FIG. 9 is a front view thereof;
FIG. 10 is a rear view thereof;
FIG. 11 is a right side view thereof;
FIG. 12 is a left side view thereof;
FIG. 13 is a top view thereof; and,
FIG. 14 is a bottom view thereof.

1 Claim, 14 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D730,537 S * 5/2015 Burroughs D24/226
D865,218 S * 10/2019 Mathers D24/232
D932,929 S * 10/2021 Stone D24/216
D941,491 S * 1/2022 Klein D24/232
D942,646 S * 2/2022 Mathers D24/232
2013/0004954 A1 * 1/2013 Bianchessi G01N 21/6428
435/6.12
2014/0273181 A1 * 9/2014 Abbott G02B 17/06
359/398
2018/0106788 A1 * 4/2018 Rossi G01N 21/314
2019/0143333 A1 * 5/2019 Zhang B01L 7/00
422/52

FOREIGN PATENT DOCUMENTS

EM 002874412-0001 * 11/2015
JP D1683948 * 7/2020
KR 300740101.0000 * 2/2013
KR 300807266.0000 * 11/2014

OTHER PUBLICATIONS

FUJIFILM ,Toxinometer MT-6500, [online]retrieved Mar. 23, 2022,available from <https://diagnostic-wako.fujifilm.com/asia/products/b-glucan-test/toxinometer-mt6500.html> (Year: 2022).*
FUJIFILM ,µTASWako i30 , [online]retrieved Mar. 23, 2022,available from <https://diagnostic-wako.fujifilm.com/asia/products/hcc-risk-biomarkers/utaswako-i30.html> (Year: 2022).*
Thomas Scientific, Test Tube Heater, Date first available from Wayback Machine Nov. 28, 2020, [online]retrieved Mar. 24, 2022, available from wayback <https://www.thomassci.com/scientific-supplies/Test-Tube-Heater> (Year: 2020).*

* cited by examiner

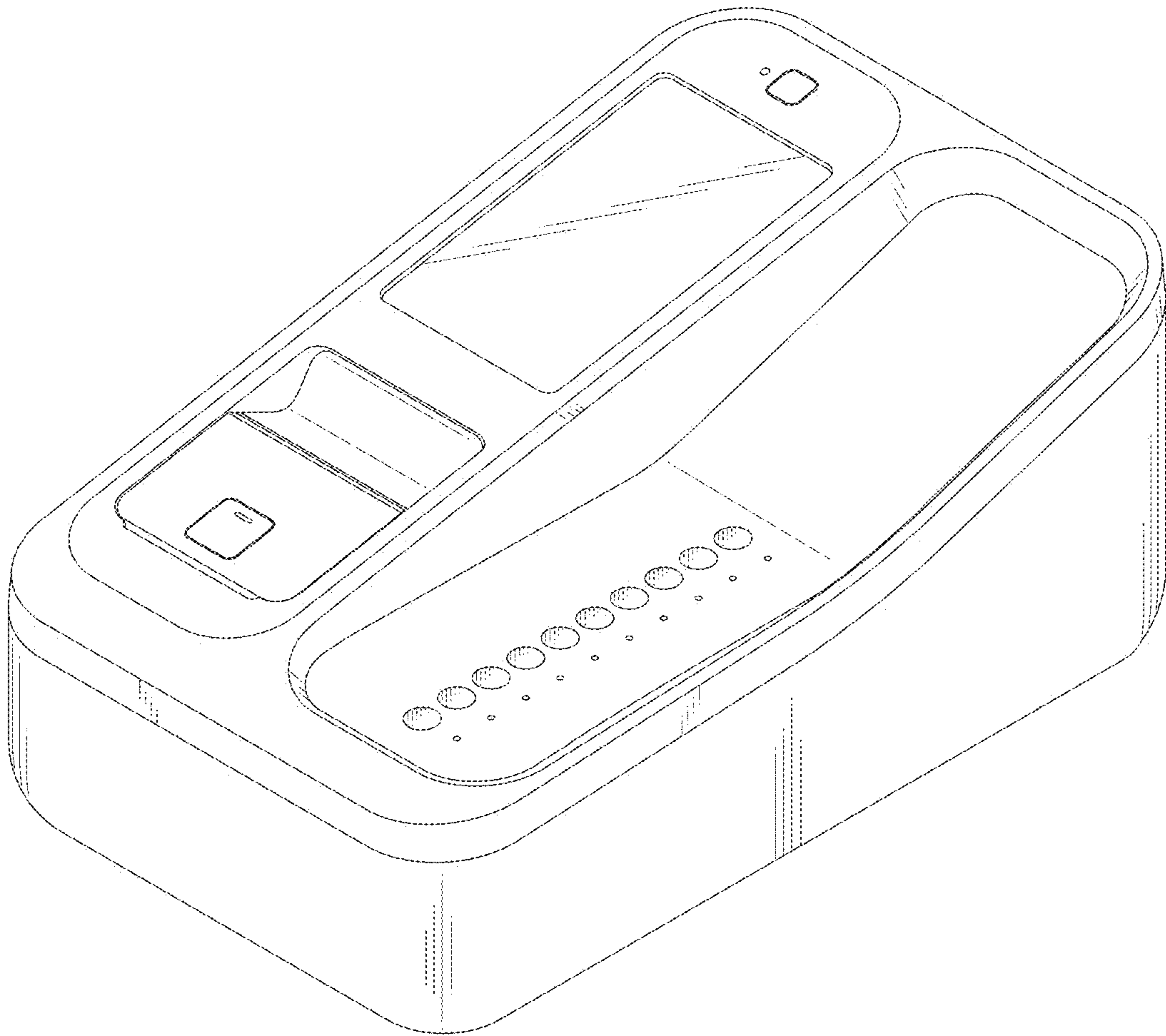


FIG. 1

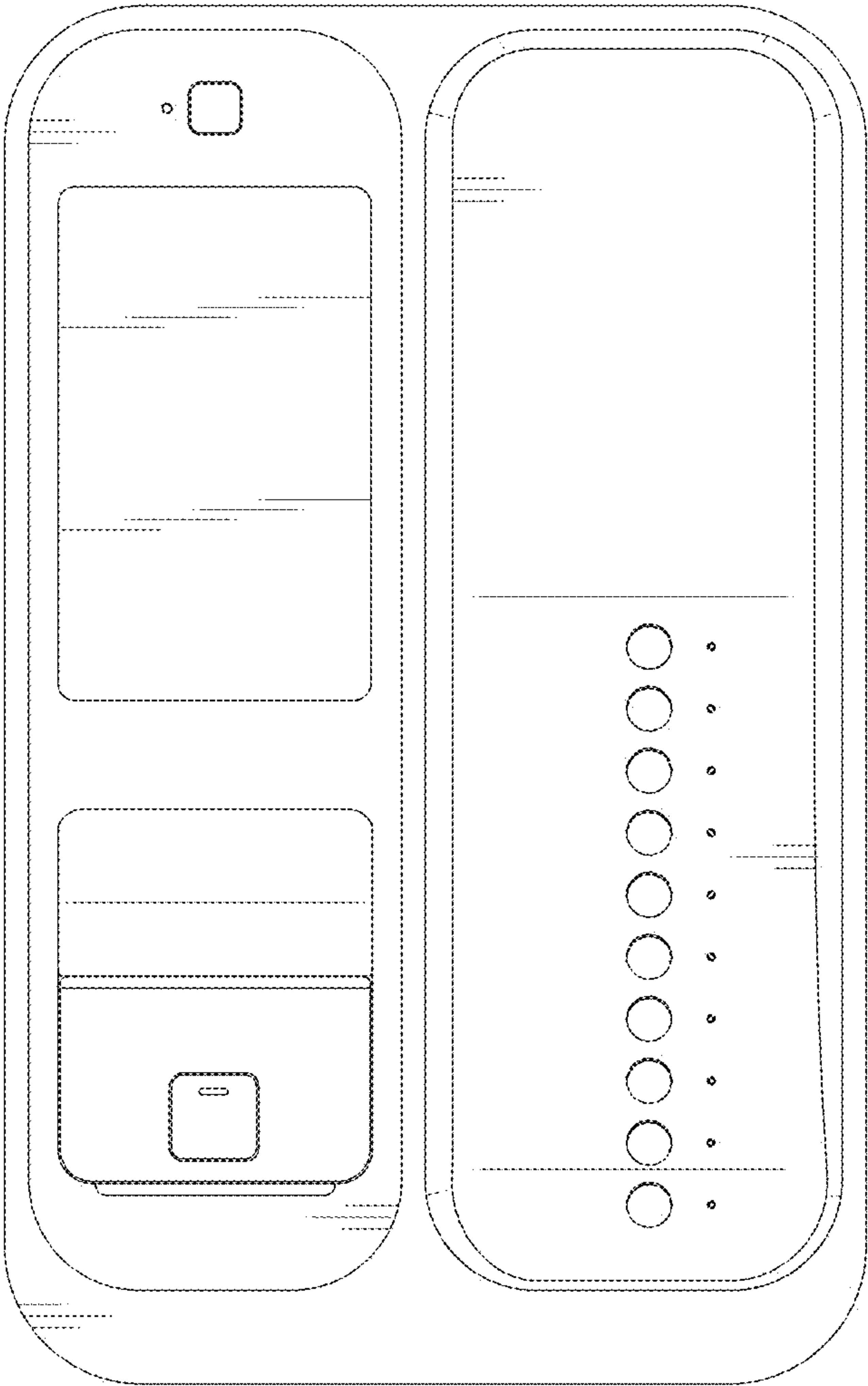


FIG. 2

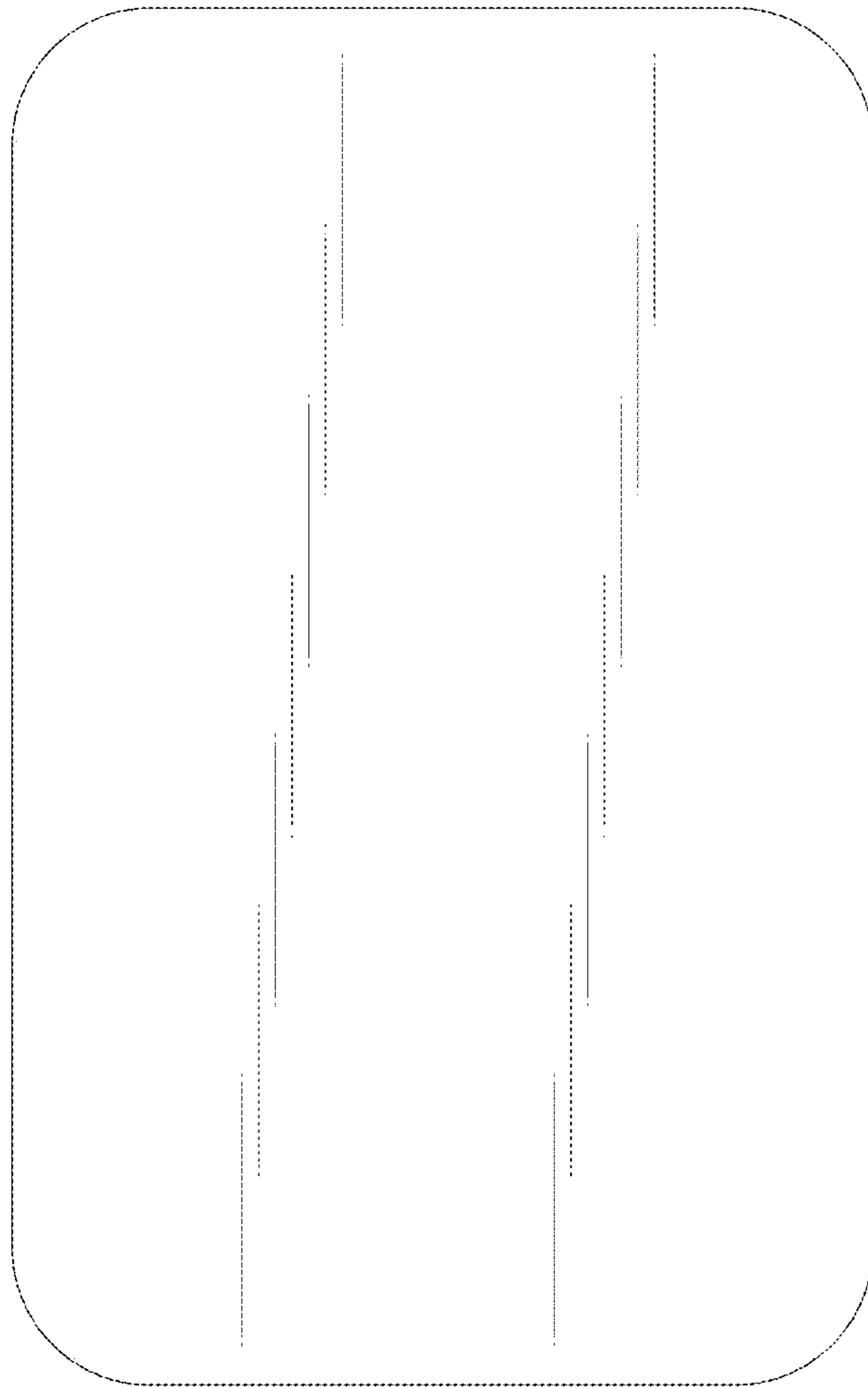


FIG. 3

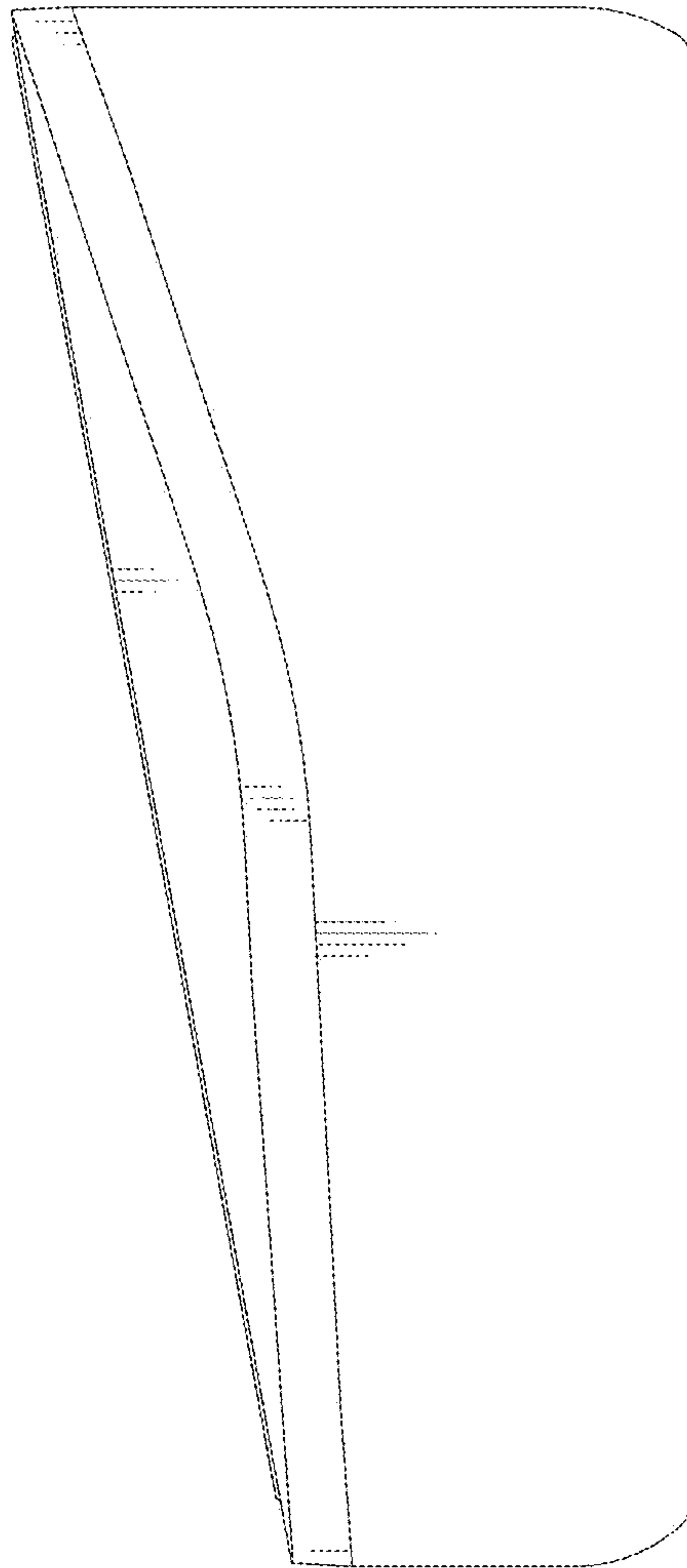


FIG. 4

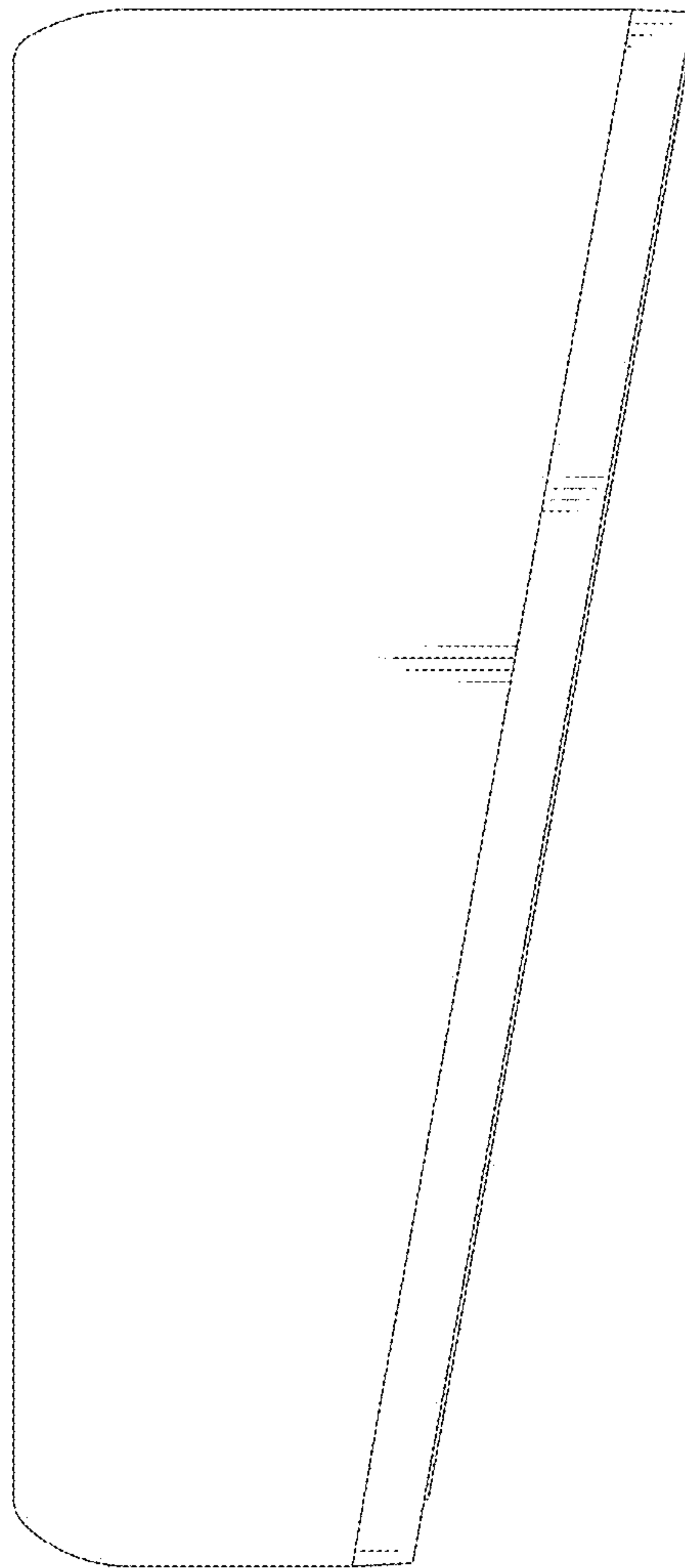


FIG. 5

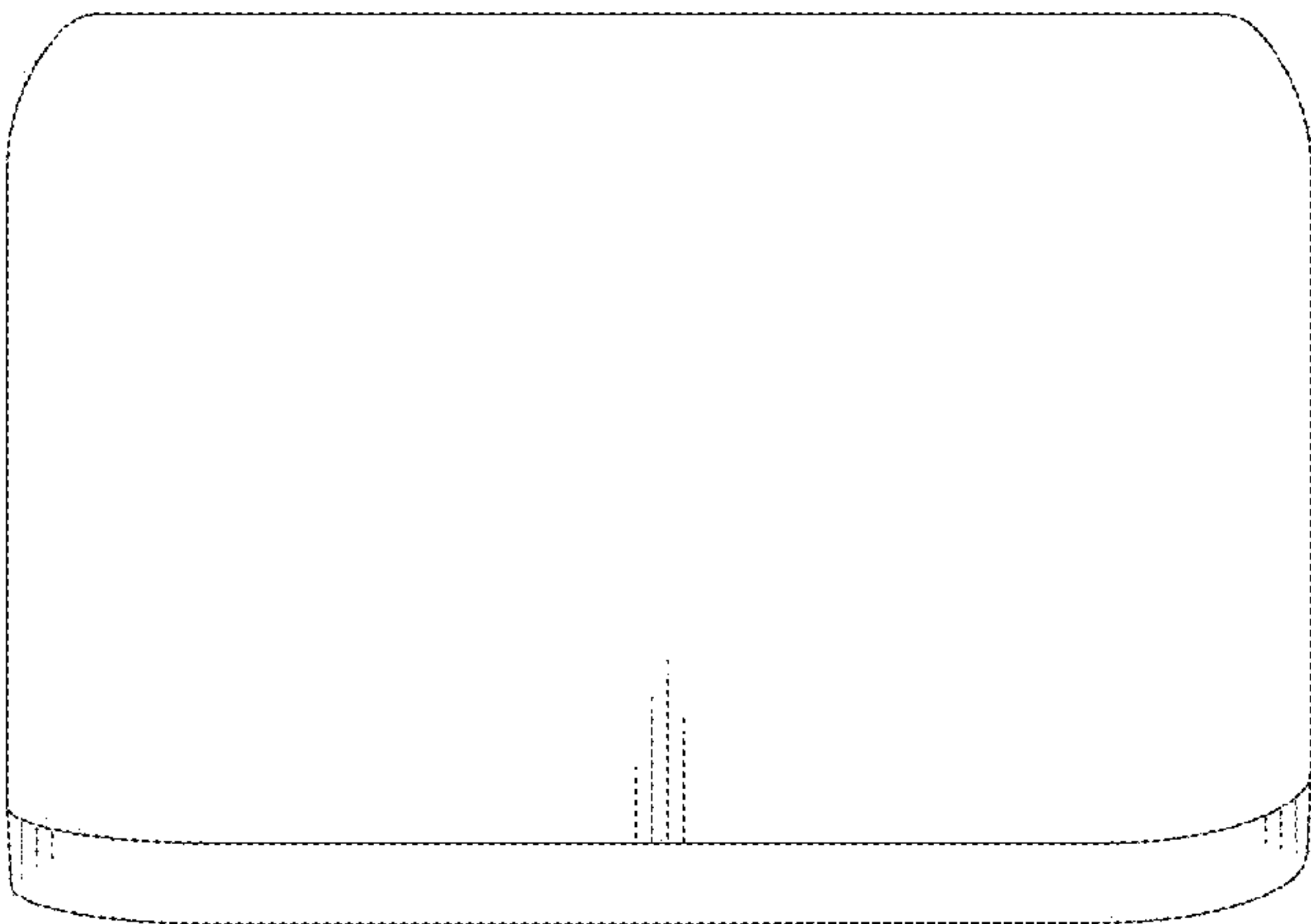


FIG. 6

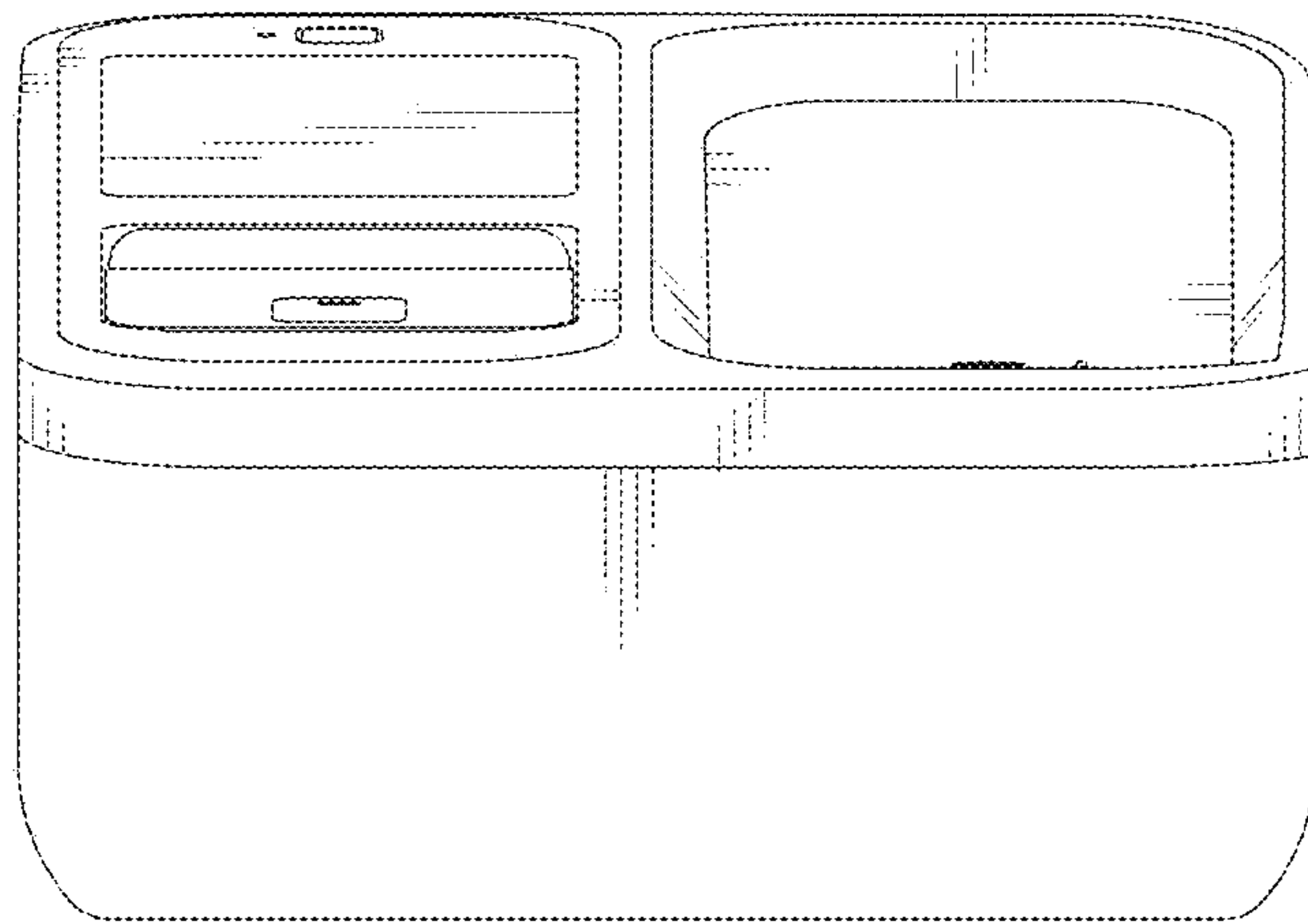


FIG. 7

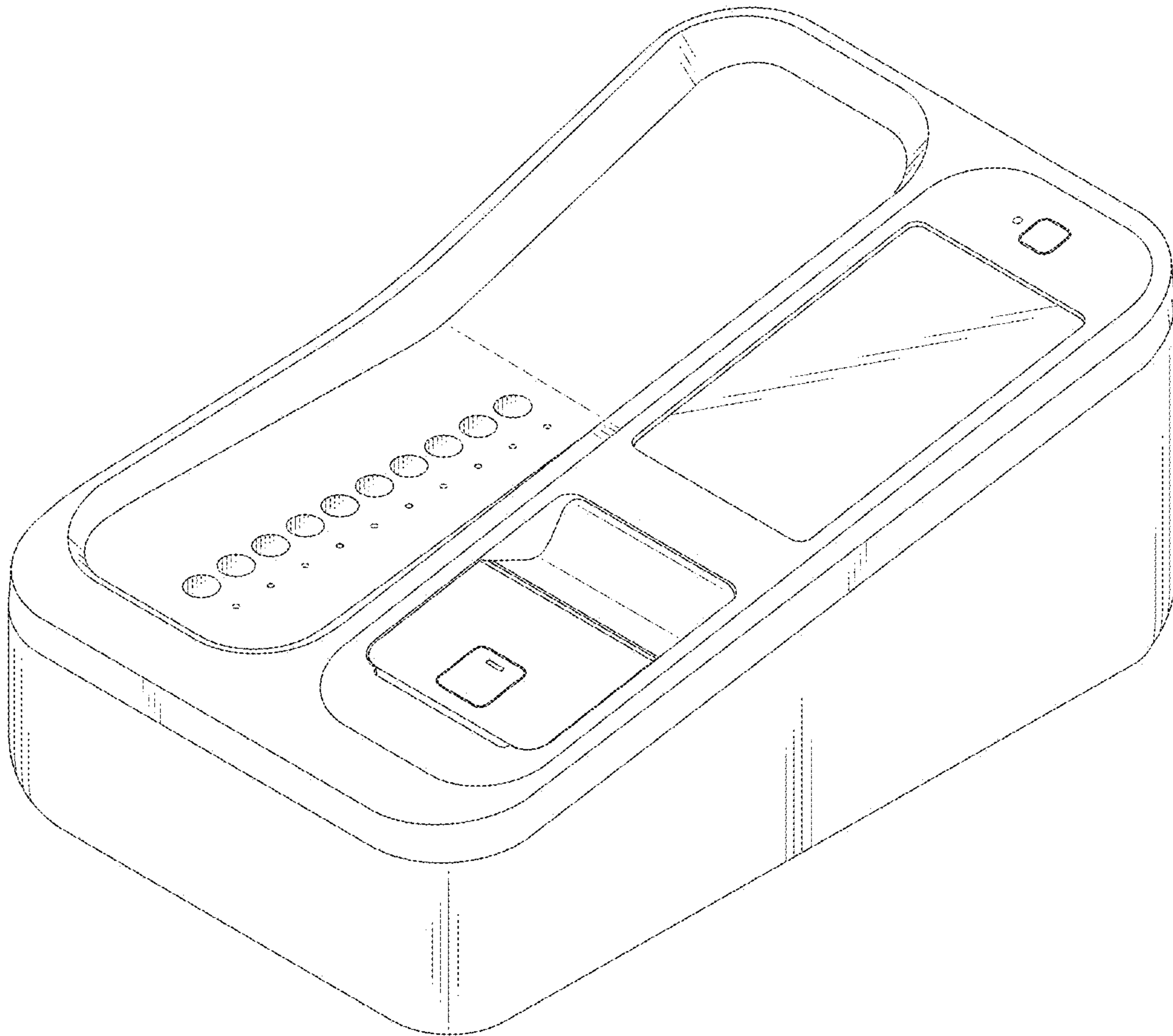


FIG. 8

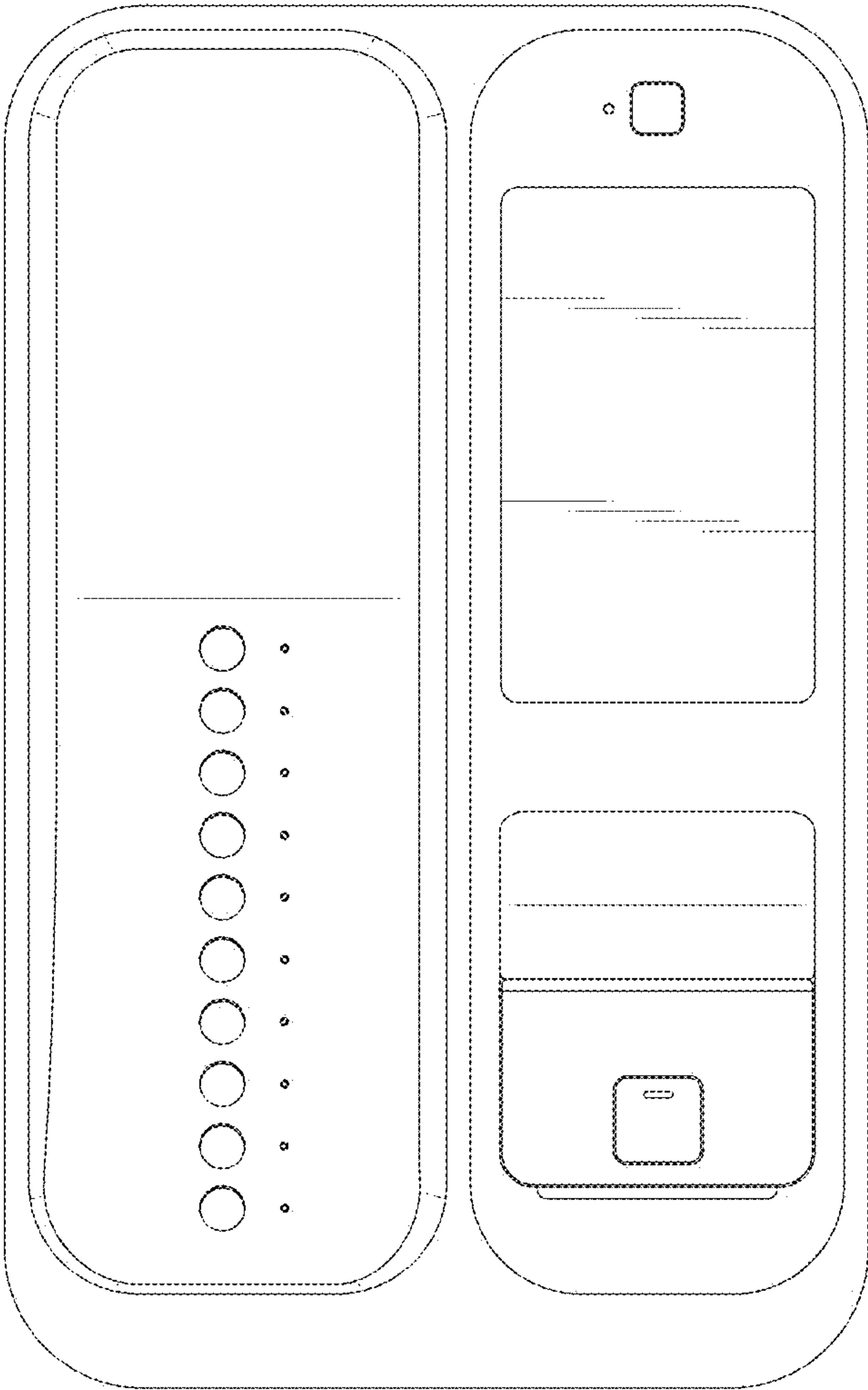


FIG. 9

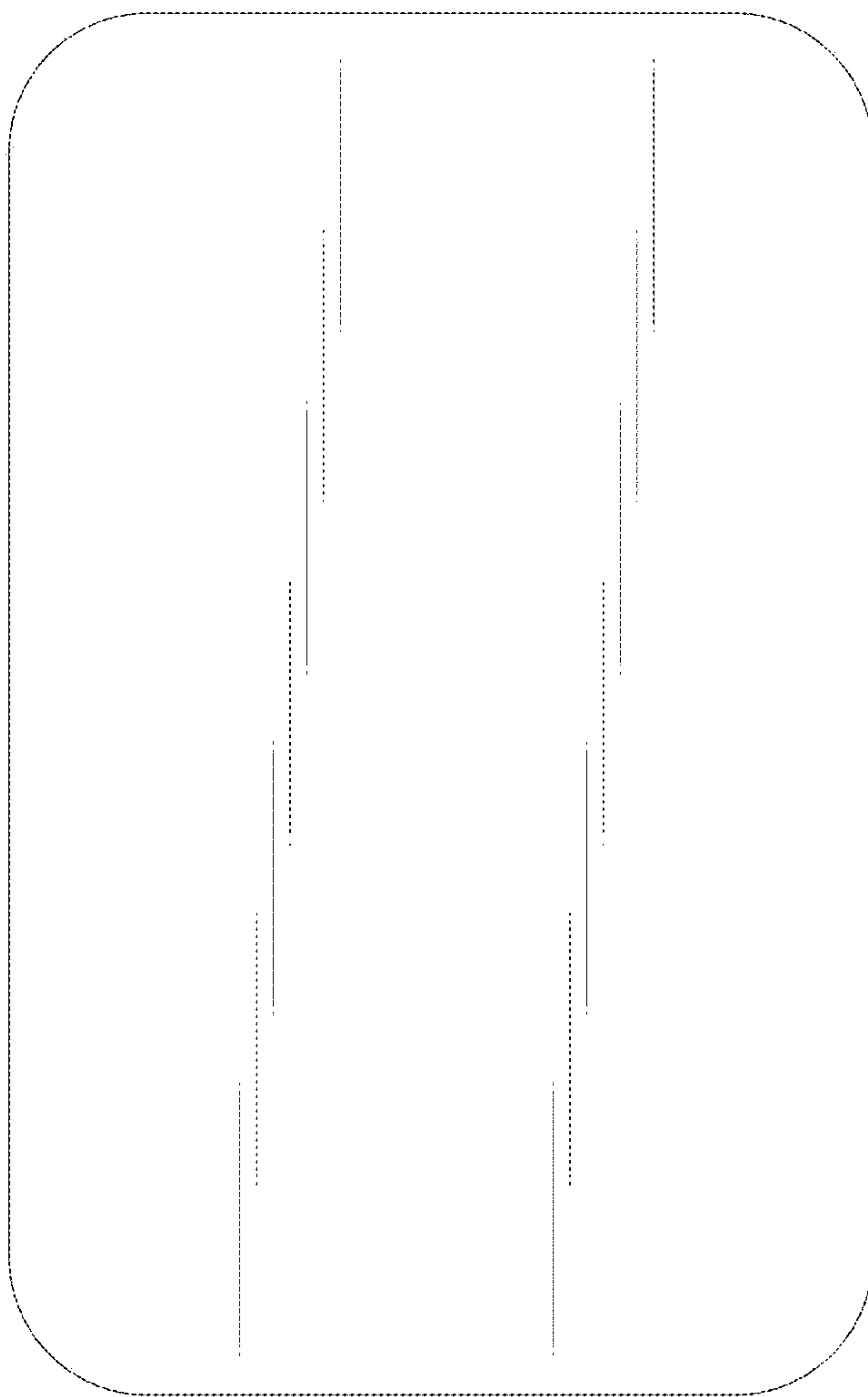


FIG. 10

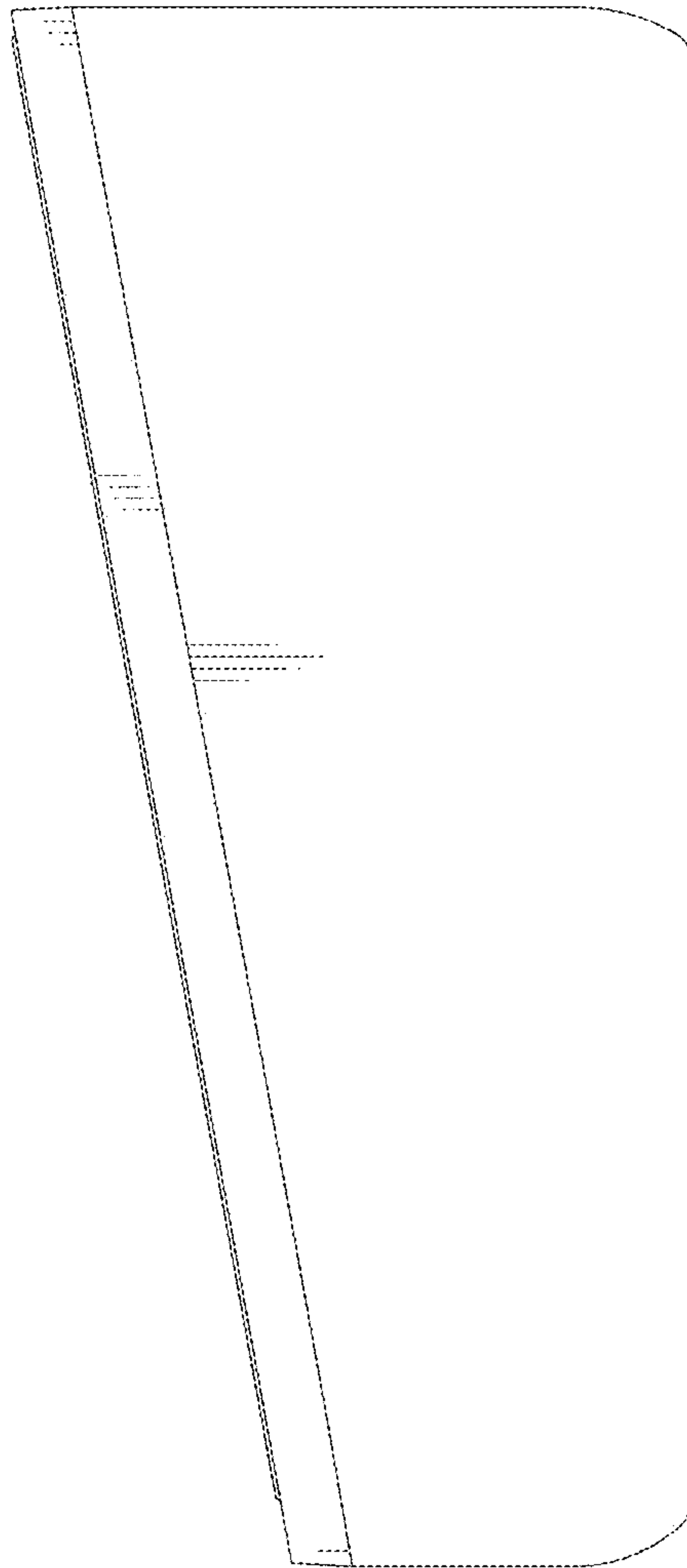


FIG. 11

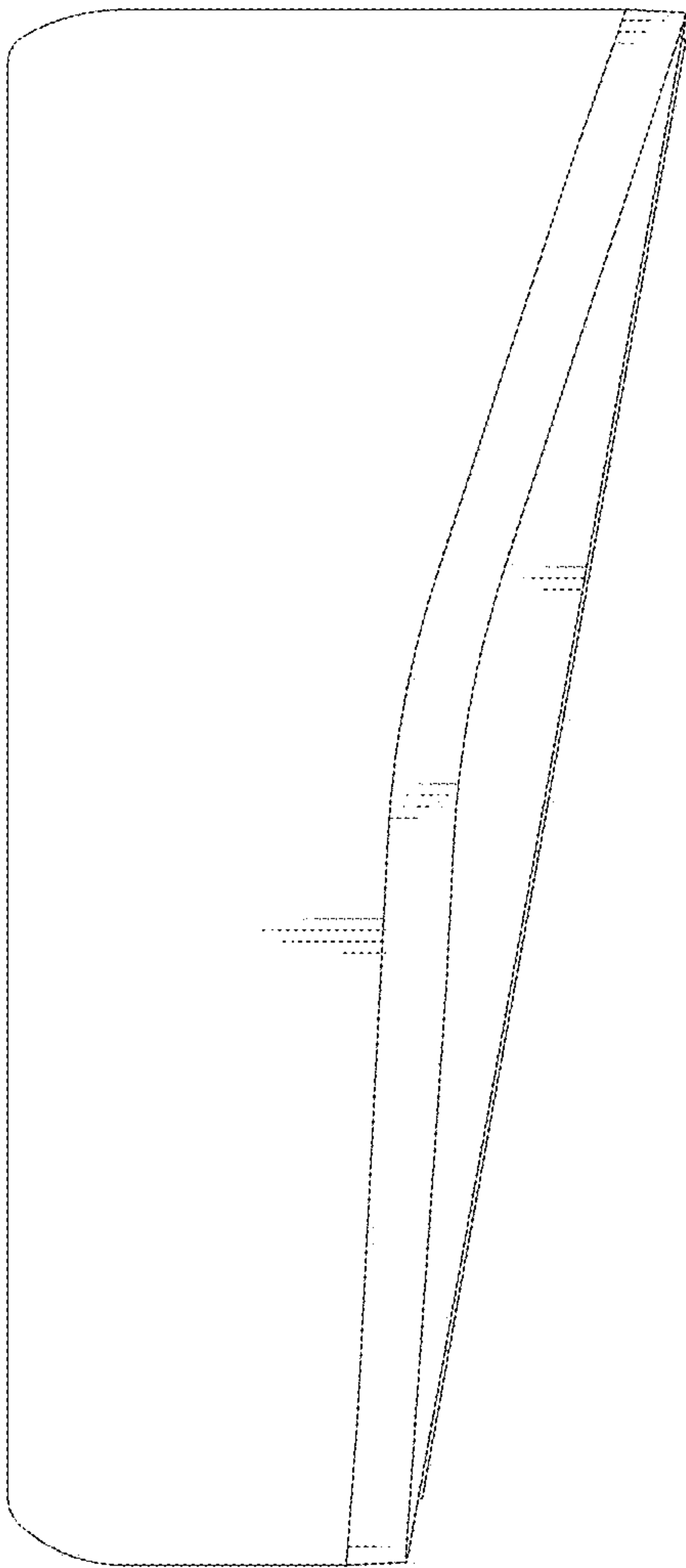


FIG. 12

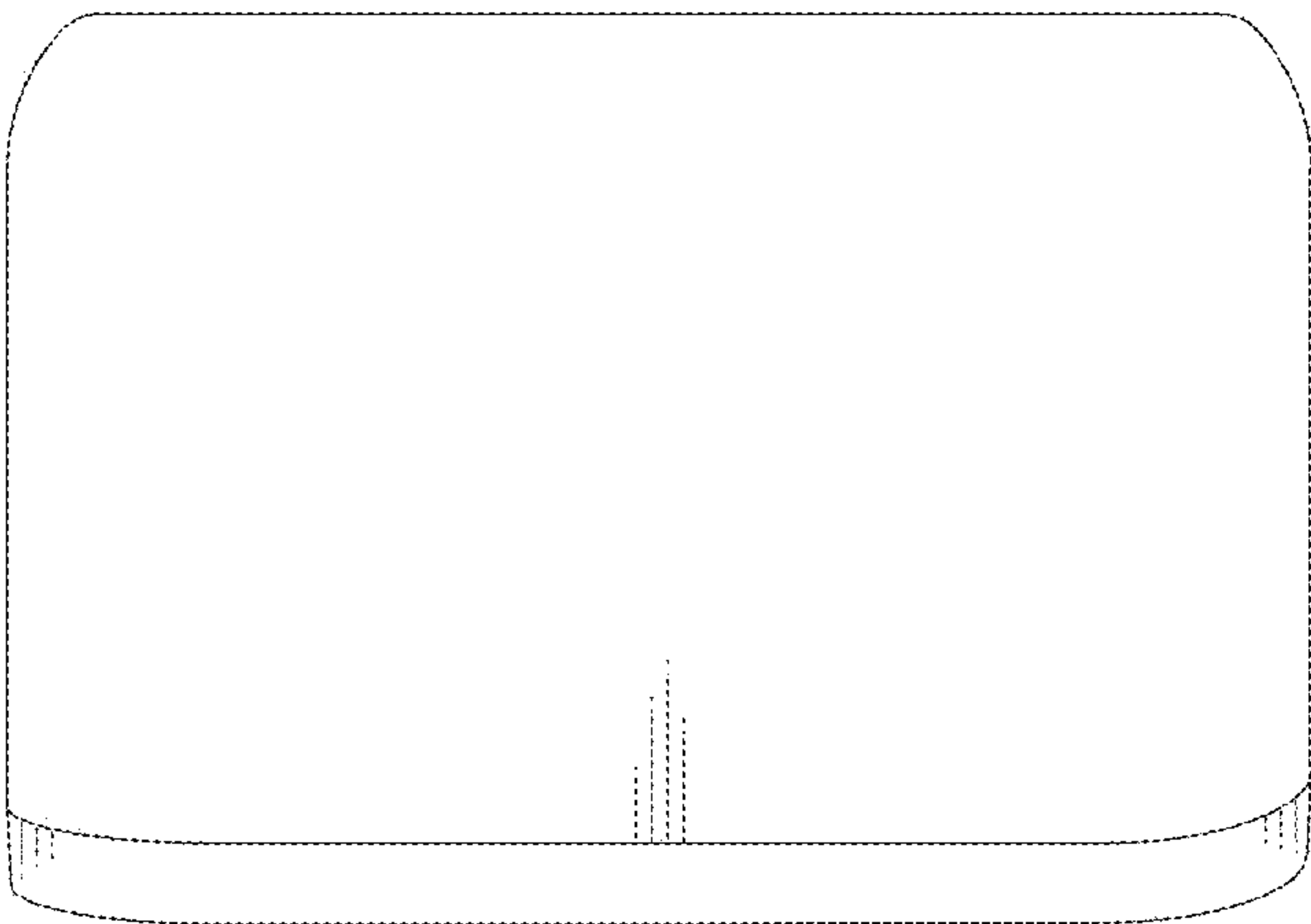


FIG. 13

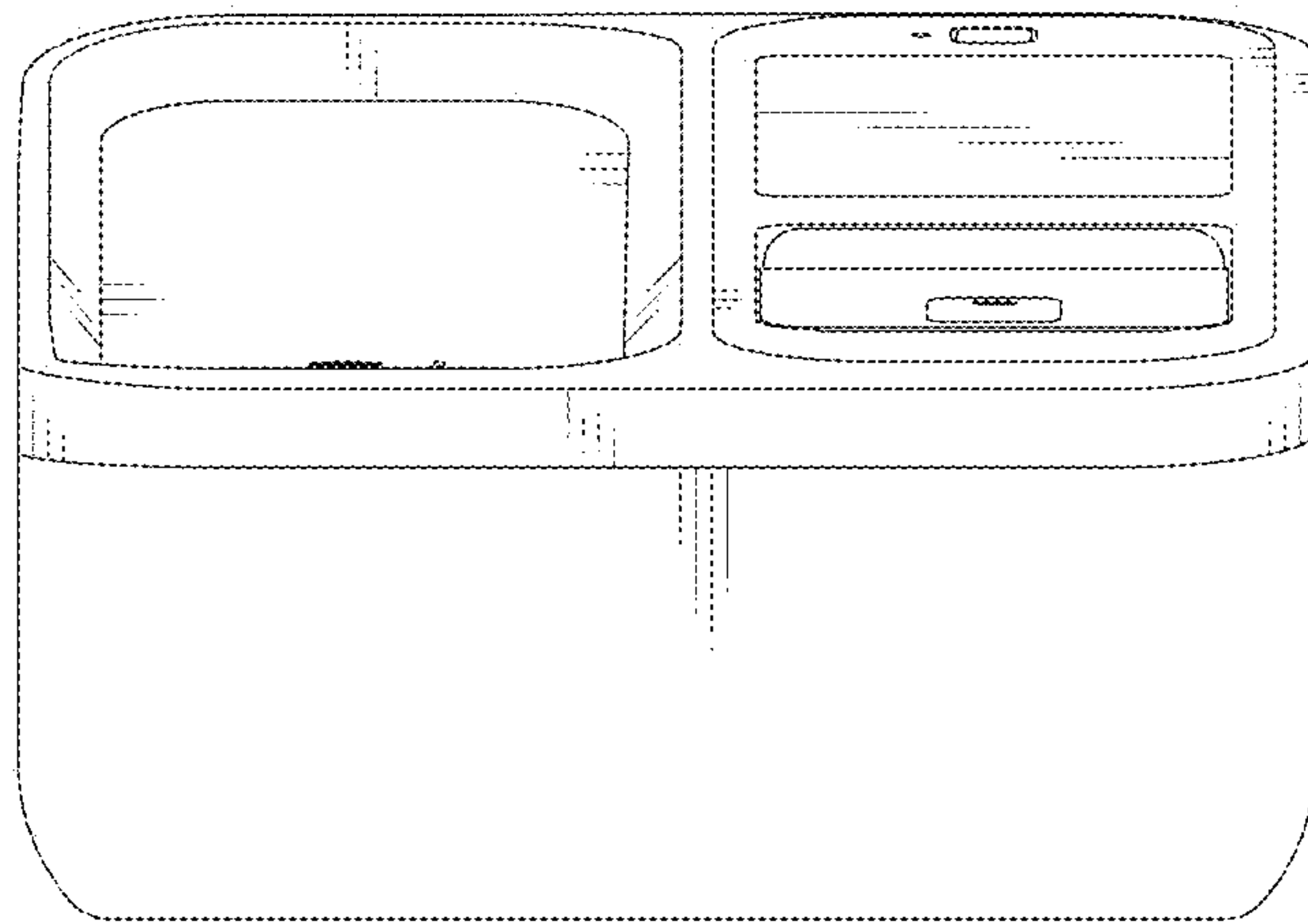


FIG. 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D960,739 S
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Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Insert item (30), as follows:

--Foreign Application Priority Data:

Japanese Design Application No. 2020-015657 D filed July 28, 2020

Japanese Design Application No. 2020-015658 D filed July 28, 2020--

Signed and Sealed this
First Day of November, 2022


Katherine Kelly Vidal
Director of the United States Patent and Trademark Office