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Tanaka et al.

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(54) **OPTICAL ANALYZER**

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(52) **U.S. Cl.**

USPC **D10/102**; D24/231; D24/216

(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;
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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
D730,537 S * 5/2015 Burroughs D24/226
D865,218 S * 10/2019 Mathers D24/232

(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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(57)

CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view 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;

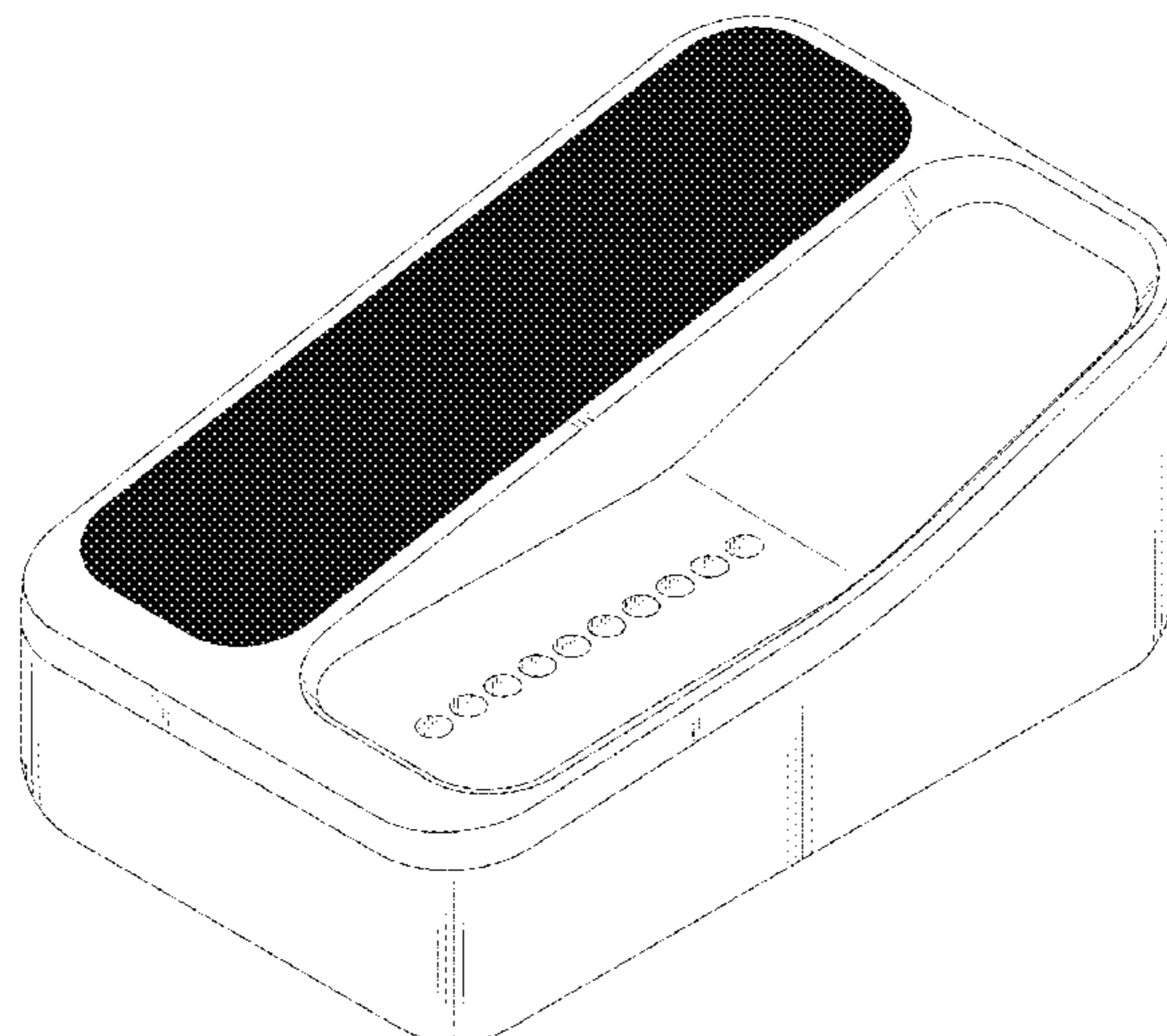
FIG. 5 is a left side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The solid black area represents color black. All other portions of the article are in color white.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

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
 EM 008323257-0002 * 12/2020
 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 , μ TASWako 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

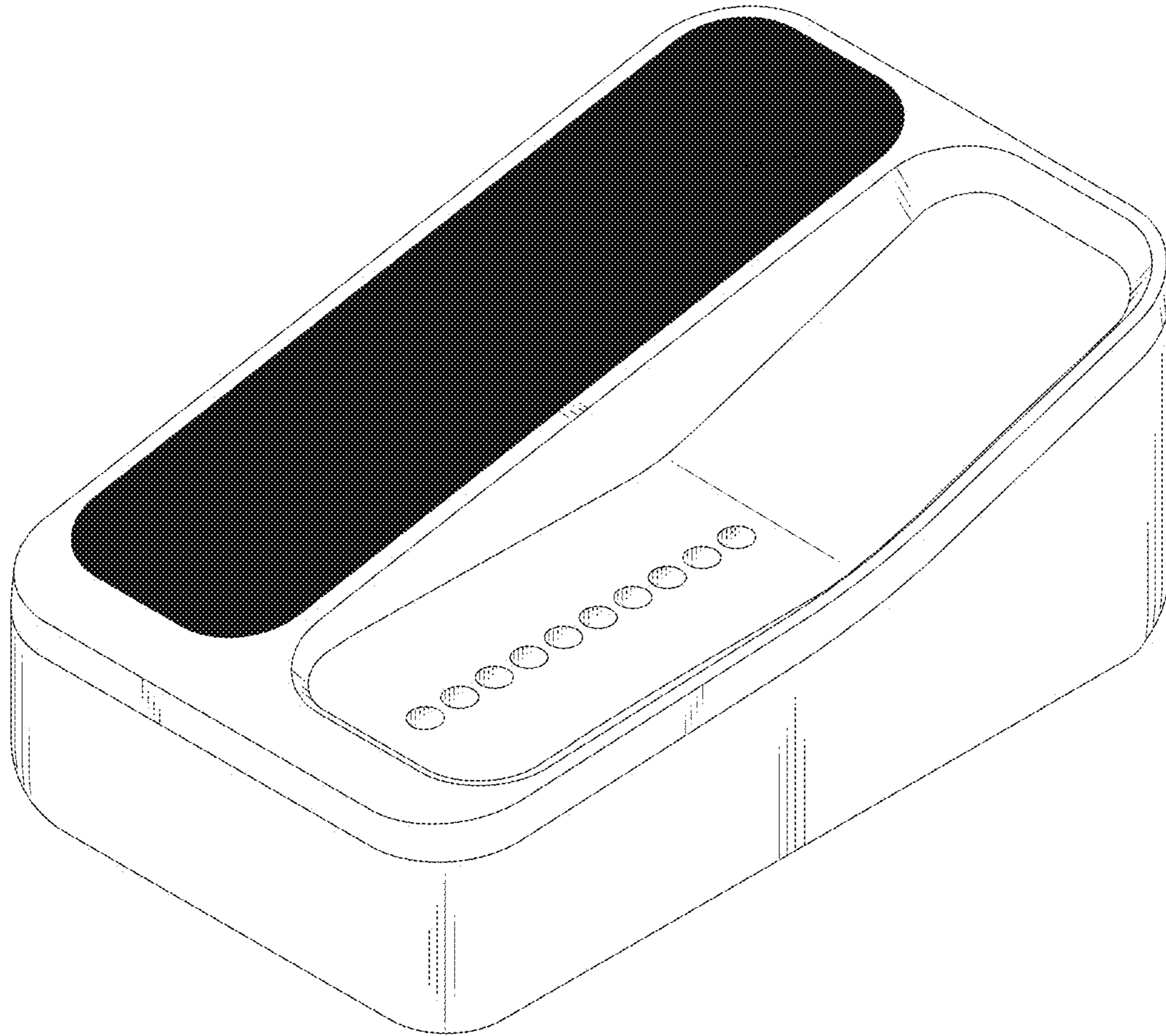


FIG. 1

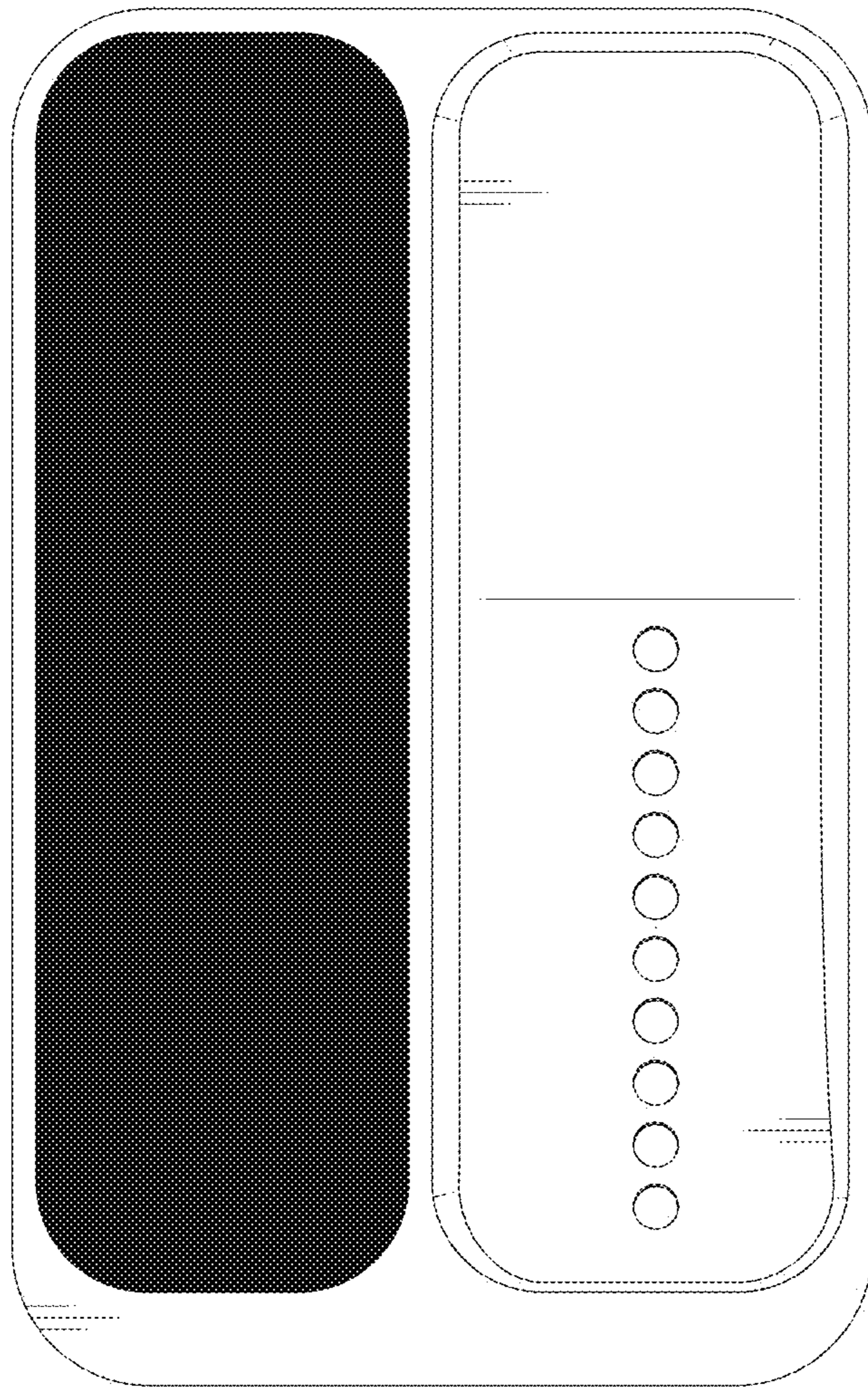


FIG. 2

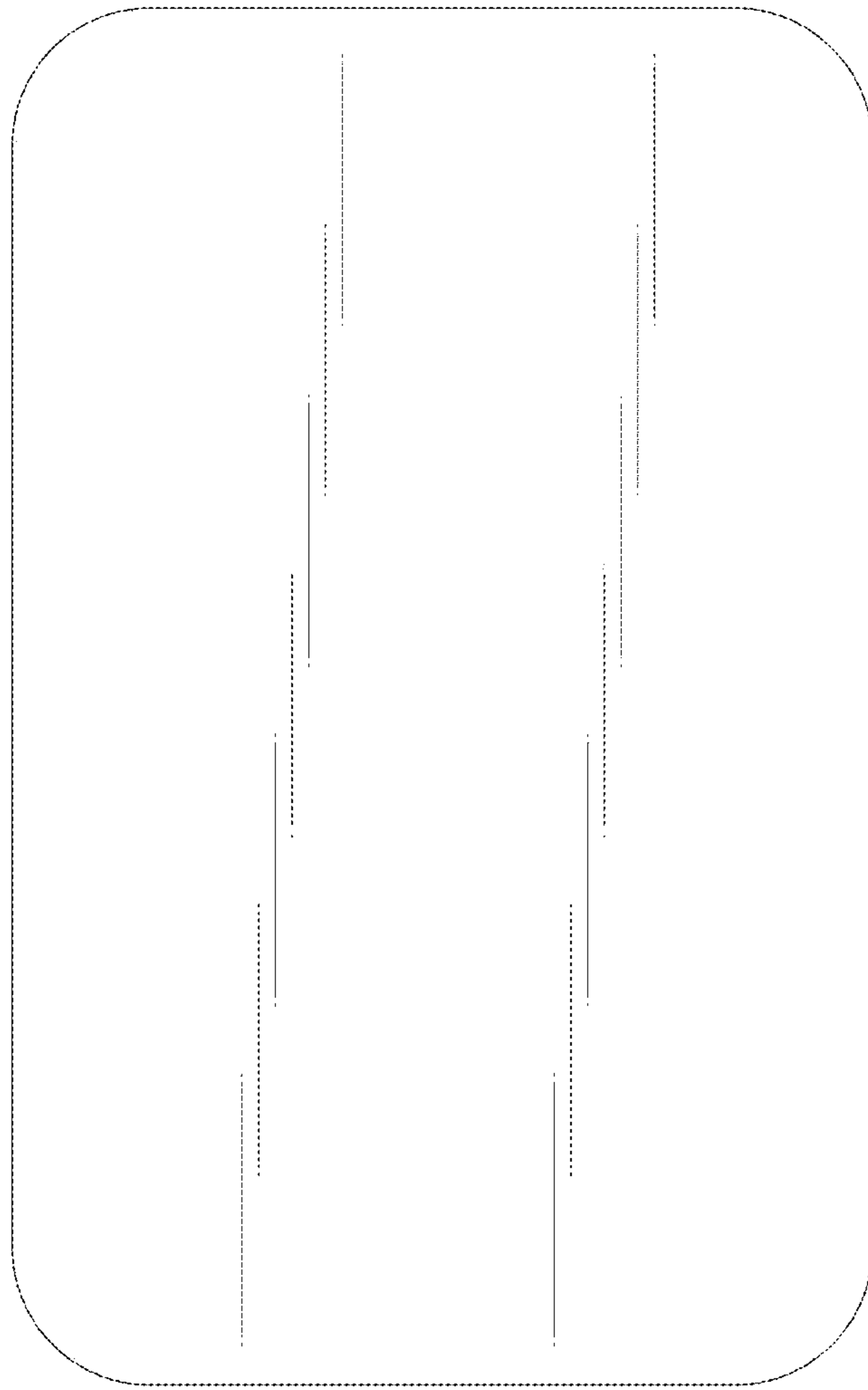


FIG. 3

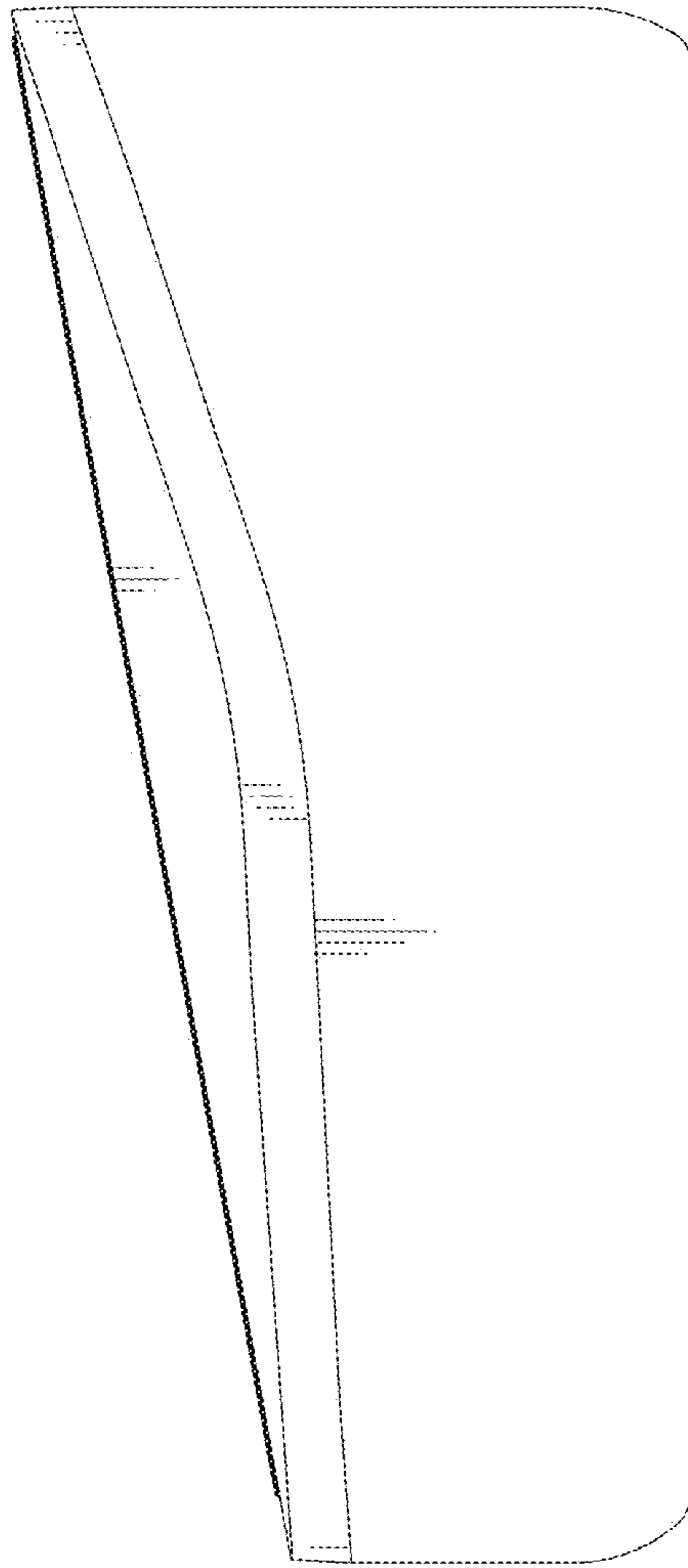


FIG. 4

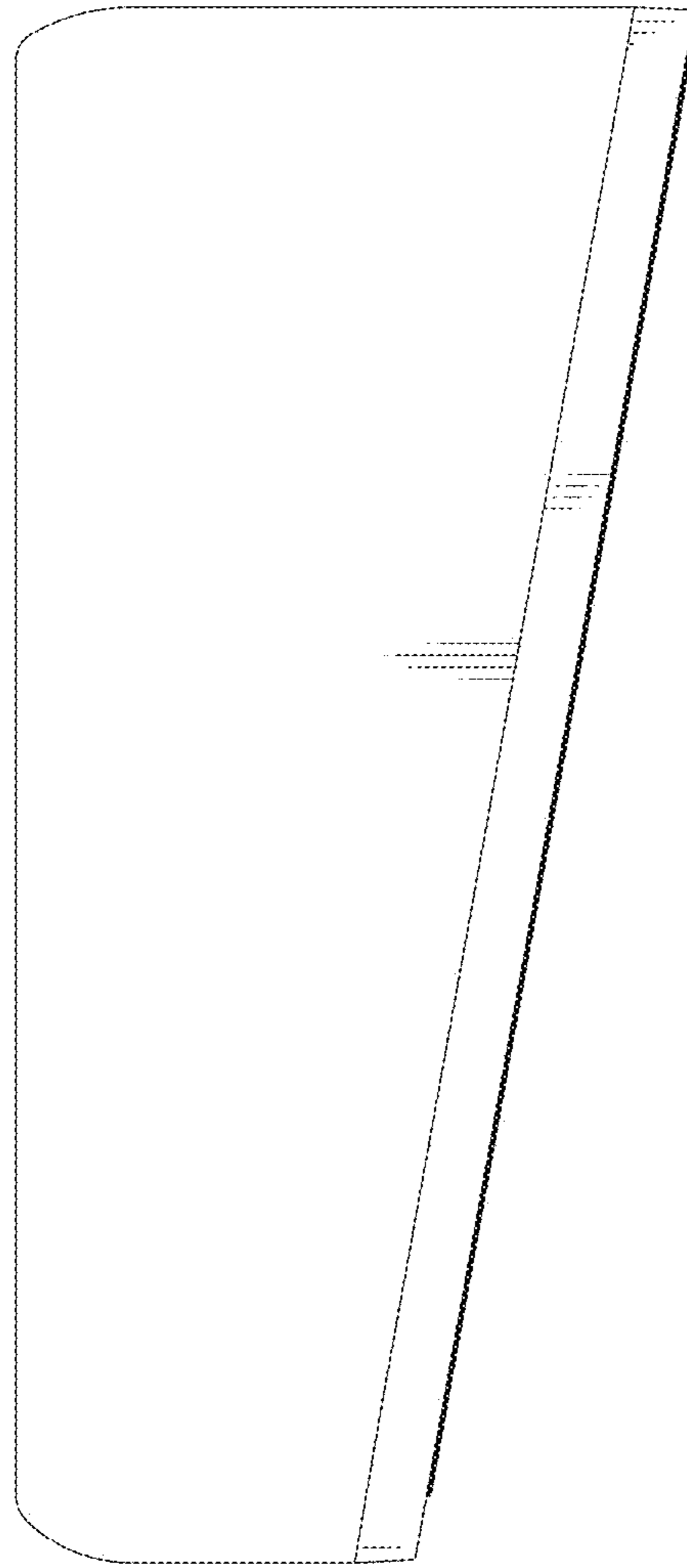


FIG. 5

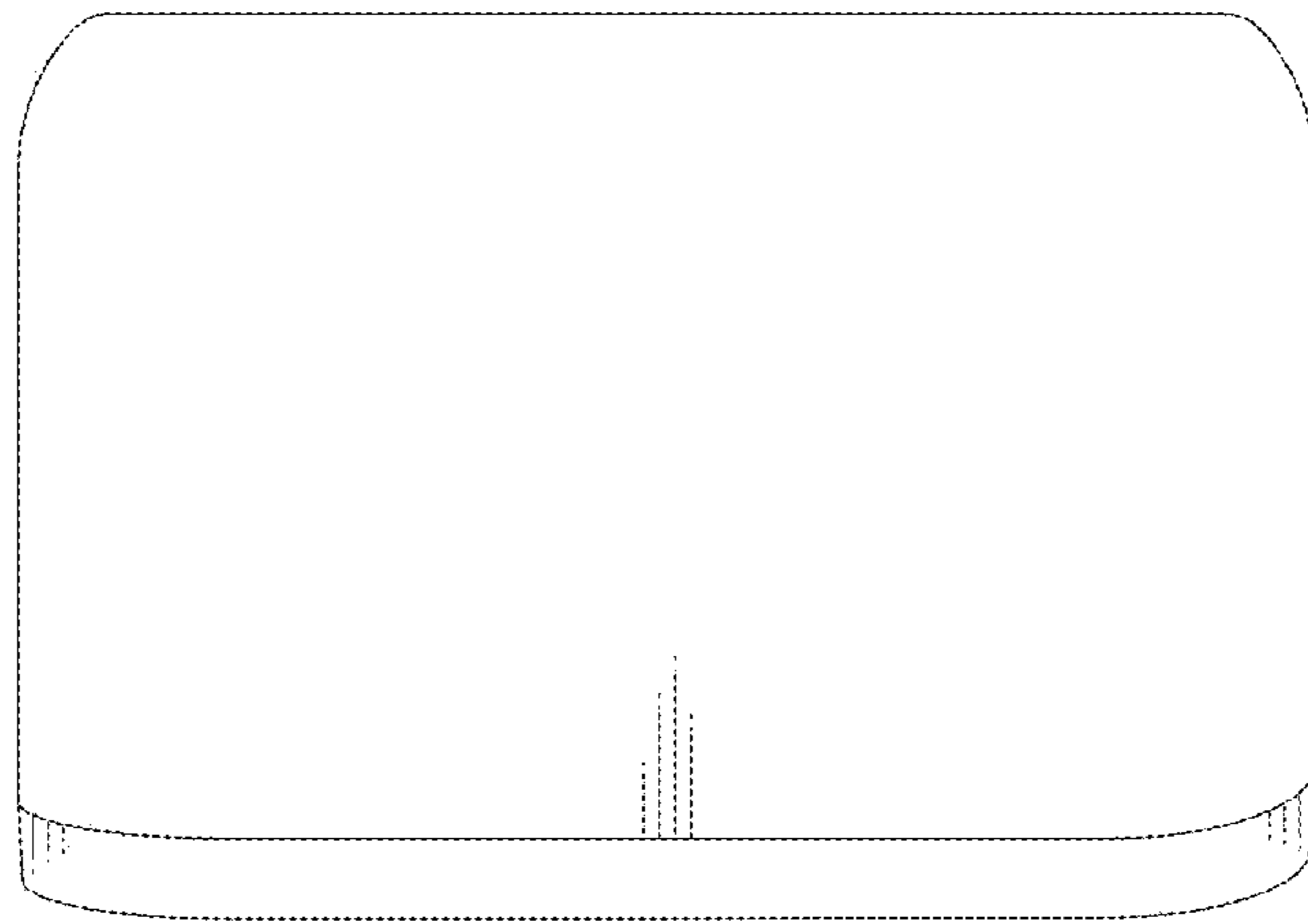


FIG. 6

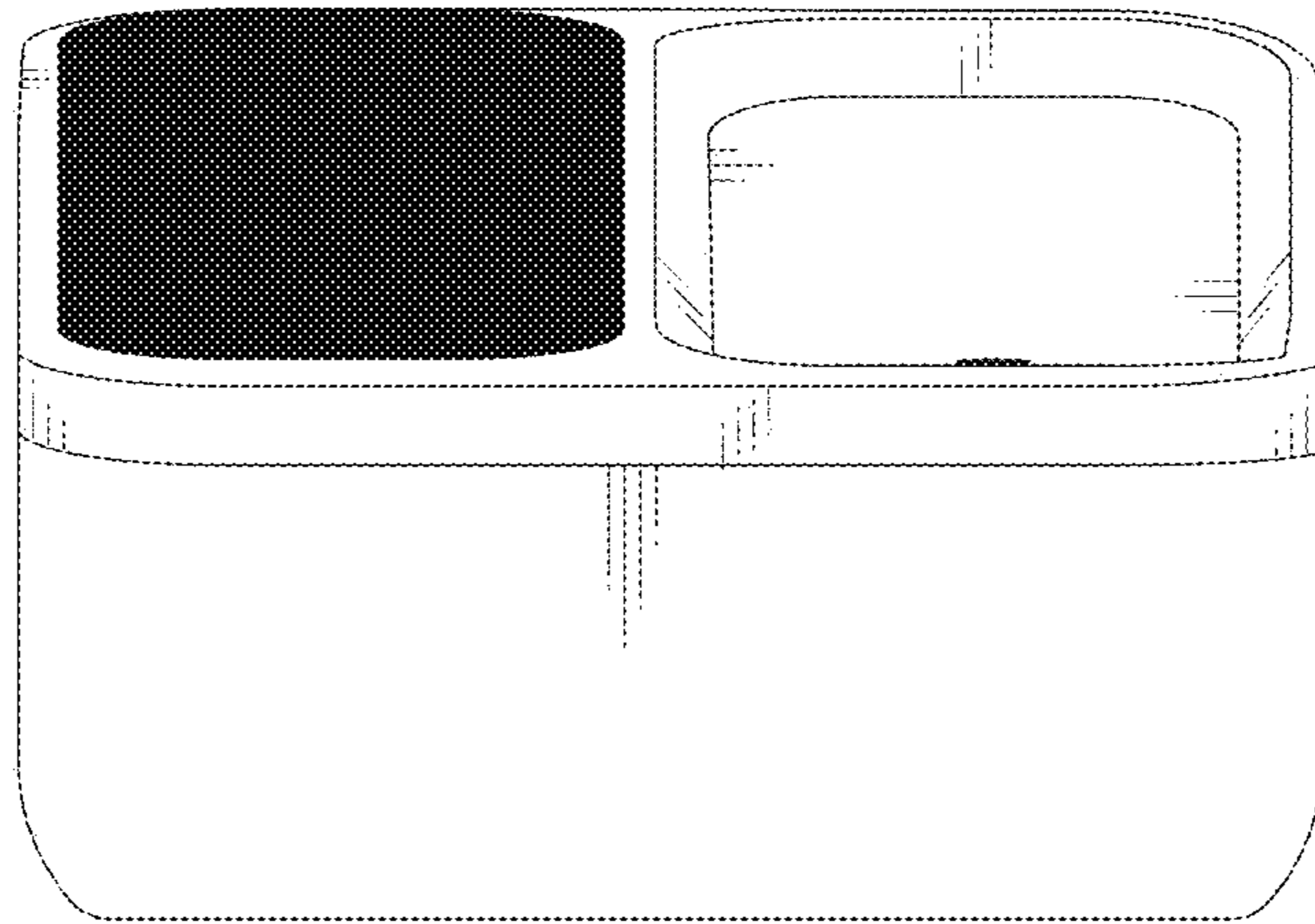


FIG. 7