



US00D850528S

(12) **United States Design Patent** (10) **Patent No.:** **US D850,528 S**
Gosselin et al. (45) **Date of Patent:** **** Jun. 4, 2019**

(54) **DESKTOP LASER CUTTER**

(71) Applicant: **Glowforge Inc.**, Seattle, WA (US)

(72) Inventors: **Mark Gosselin**, Seattle, WA (US);
Anna-Pia Slothower, Sausalito, CA
(US); **Erich Slothower**, Sausalito, CA
(US); **John Plunkett**, Sausalito, CA
(US)

(73) Assignee: **Glowforge Inc.**, Seattle, WA (US)

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

(21) Appl. No.: **29/586,721**

(22) Filed: **Dec. 6, 2016**

Related U.S. Application Data

(62) Division of application No. 29/540,496, filed on Sep. 24, 2015.

(51) **LOC (11) Cl.** **18-04**

(52) **U.S. Cl.**
USPC **D18/34.3**; D18/50

(58) **Field of Classification Search**

USPC D18/36, 43, 39, 46, 47, 34.3, 50, 56, 59;
D9/414, 419, 430, 432, 431; D14/498,
D14/500; D23/364, 365
CPC G03G 15/0836; G03G 15/0837; G03G
15/0867; G03G 15/0832; G03G 15/0834;
G03G 15/0877; G03G 15/0868; G03G
15/50; G03G 15/0872; G03G 15/0898;
G03G 15/5016; G03G 15/60; G03G
15/65

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D197,096 S * 12/1963 Gugelot D18/36
D462,087 S * 8/2002 Dwyer D18/55

6,580,388 B1 * 6/2003 Stoyanov G01S 7/411
342/192

D491,220 S 6/2004 Whitehorn et al.
D519,151 S * 4/2006 Tashiro D18/54

(Continued)

OTHER PUBLICATIONS

Mike Shouts—Laser Cutter, announced Sep. 25, 2017 [online], [site visited Oct. 24, 2017]. Available from internet, URL: <<https://mikesounds.com/the-dremel-digilab-laser-cutter/>>.*

(Continued)

Primary Examiner — Keli L Hill

(74) *Attorney, Agent, or Firm* — Mintz Levin Cohn Ferris
Glovsky and Popeo, P.C.

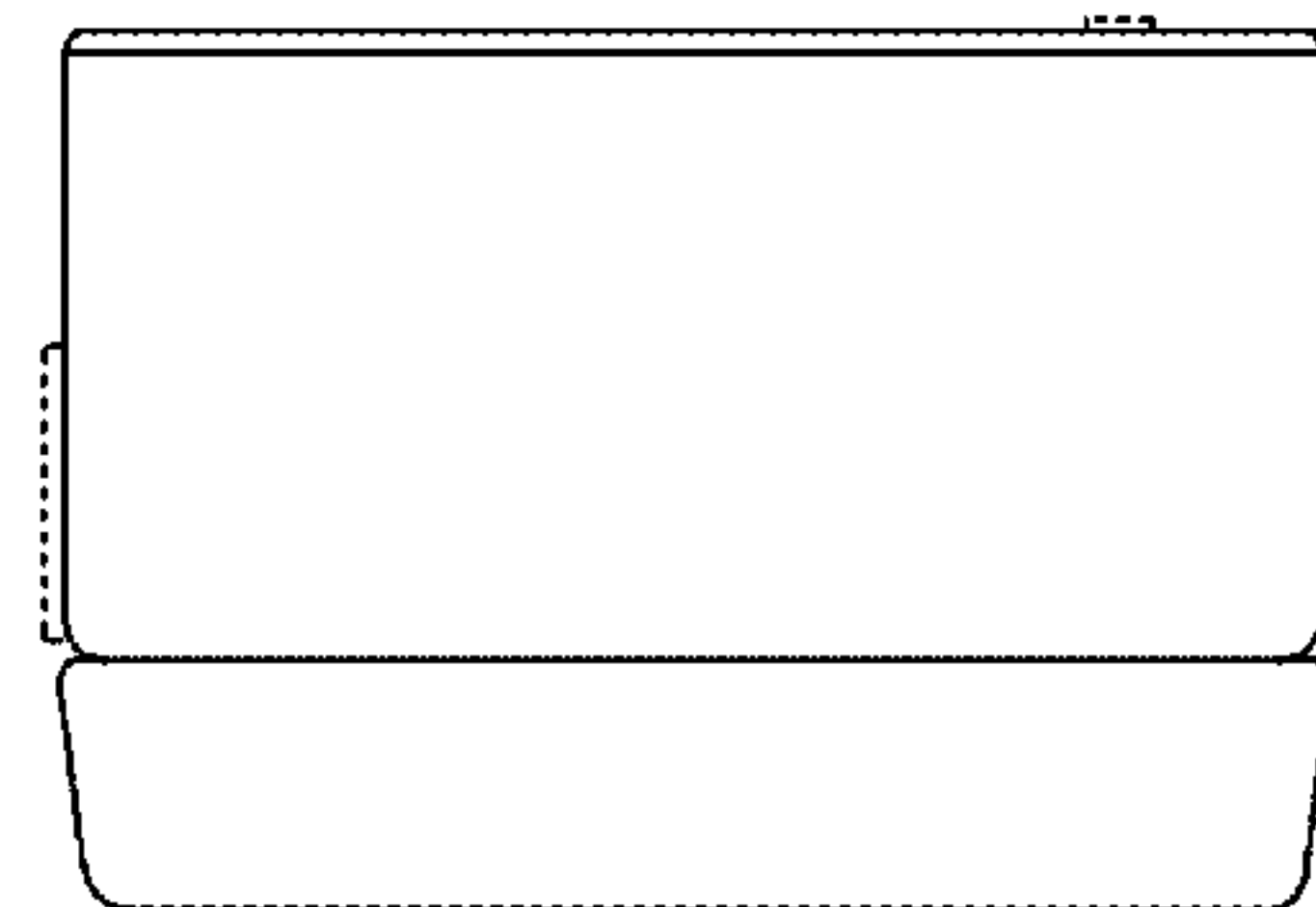
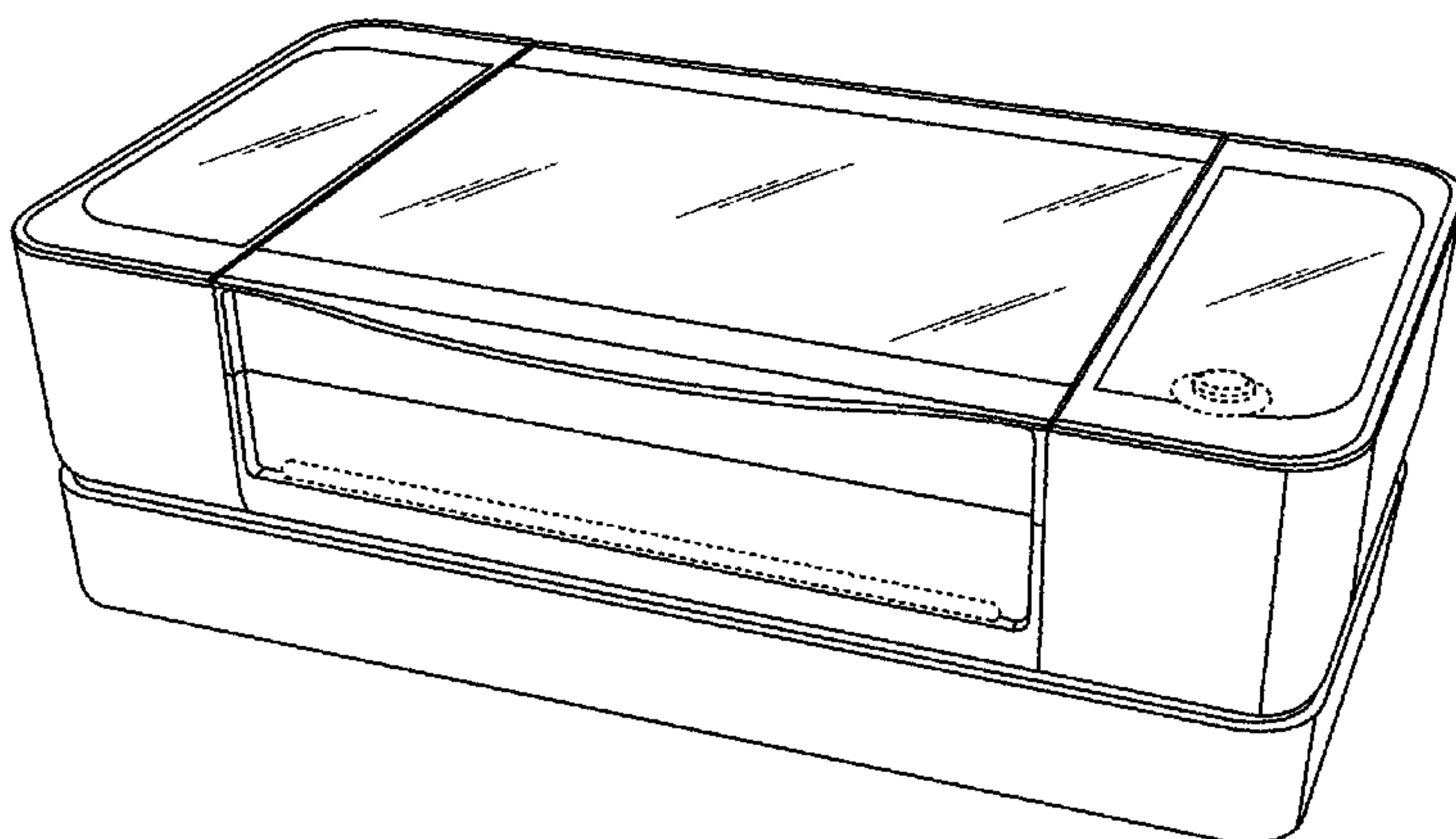
(57) **CLAIM**

The ornamental design for a desktop laser cutter, as shown and described.

DESCRIPTION

FIG. 1 is a top-left perspective view showing an embodiment of the desktop laser cutter;
FIG. 2 is a right side elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a top plan view thereof; and
FIG. 7 is a bottom plan view thereof.
FIG. 8 is a top-left perspective view showing a second embodiment of the combined desktop laser cutter and filter;
FIG. 9 is a right side elevational view thereof;
FIG. 10 is a left side elevational view thereof;
FIG. 11 is a front elevational view thereof;
FIG. 12 is a rear elevational view thereof;
FIG. 13 is a top plan view thereof; and,
FIG. 14 is a bottom plan view thereof.
The broken lines in the drawings illustrate environment and portions of the desktop laser cutter, which form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D523,841 S * 6/2006 Van Kastel D14/188
D536,373 S * 2/2007 Inoue D18/55
D552,167 S 10/2007 Lee et al.
D558,822 S * 1/2008 Smith D18/55
D574,360 S * 8/2008 Matsuoka D14/168
D585,427 S * 1/2009 Lee D14/204
D599,736 S * 9/2009 Ferber D13/108
D610,589 S 2/2010 Chia et al.
D614,234 S * 4/2010 Ishikawa D18/55
7,784,782 B2 8/2010 Cook et al.
D624,639 S * 9/2010 Dilozenzo D23/365
D641,395 S * 7/2011 Park D18/55
D665,445 S 8/2012 Emmenegger et al.
D667,050 S 9/2012 Takeuchi
D669,473 S * 10/2012 Gronau D14/420
D670,885 S * 11/2012 Merrick D99/37
D681,107 S 4/2013 Larson et al.
D682,329 S * 5/2013 Day D15/146
D706,269 S * 6/2014 Qian D14/422
D716,428 S * 10/2014 Farone D23/364
8,909,085 B2 * 12/2014 Short G03G 15/6552
399/81
D723,562 S 3/2015 Inada et al.
D727,328 S * 4/2015 Nanno D14/421
D730,942 S * 6/2015 Wong D14/203.1
D735,310 S * 7/2015 Drew D23/365
D735,723 S * 8/2015 He D14/422
D744,031 S 11/2015 Tanaka et al.
9,278,553 B2 3/2016 Nakano et al.
9,301,031 B2 3/2016 Gengler et al.
D754,787 S 4/2016 Yoshioka et al.
D757,164 S 5/2016 Hiraga
9,332,667 B2 5/2016 Namba
D761,903 S 7/2016 Matsumoto
D766,359 S 9/2016 Takahashi

D768,768 S * 10/2016 Takahashi D18/50
D770,565 S * 11/2016 Tanaka D18/50
D777,248 S * 1/2017 Oguchi D18/50
D781,955 S * 3/2017 Kim D18/50
D786,348 S * 5/2017 Mita D18/56
D792,508 S * 7/2017 Nakagawa D18/50
D795,338 S * 8/2017 Umezawa D18/34.3
9,771,233 B2 * 9/2017 Miura B65H 31/02
D799,590 S * 10/2017 Dwyer D18/50
D799,593 S * 10/2017 Kim D18/55
D800,212 S * 10/2017 Nanno D18/19
D827,705 S * 9/2018 Gosselin D18/34.3
2003/0180058 A1 9/2003 Alegria et al.
2009/0310997 A1 12/2009 Lee et al.
2011/0019347 A1 1/2011 Imai
2013/0108317 A1 5/2013 Tsuchiya

OTHER PUBLICATIONS

YouTube—Mr Beam's laser cutter, announced May 8, 2017 [online], [site visited Oct. 24, 2017]. Available from internet, URL: <<https://www.youtube.com/watch?v=8goXAmSncZE>>.*
YouTube—Epilog Mini 18 laser engraver, announced Mar. 1, 2015 [online], [site visited Jul. 24, 2017]. Available from internet, URL: https://www.youtube.com/watch?v=EcyPL_3J8Mc. 1 page.
YouTube—Full Spectrum Laser Pro Series CO2, announced Jun. 28, 2016 [online], [site visited Jul. 24, 2017]. Available from Internet, URL: <https://www.youtube.com/watch?v=qJthUfZHAOW>. 1 page.
YouTube—Full Spectrum Muse Hobby Laser, announced May 6, 2017 [online], [site visited Jul. 24, 2017]. Available from Internet, URL: <https://youtube.com/watch?v=SEF6k-Zsl5A>. 1 page.
YouTube—Meet the Glowforge, announced Sep. 24, 2015 [online], [site visited Jul. 24, 2017]. Available from internet, URL: <https://www.youtube.com/watch?v=0R3mMUshFvU>. 1 page.

* cited by examiner

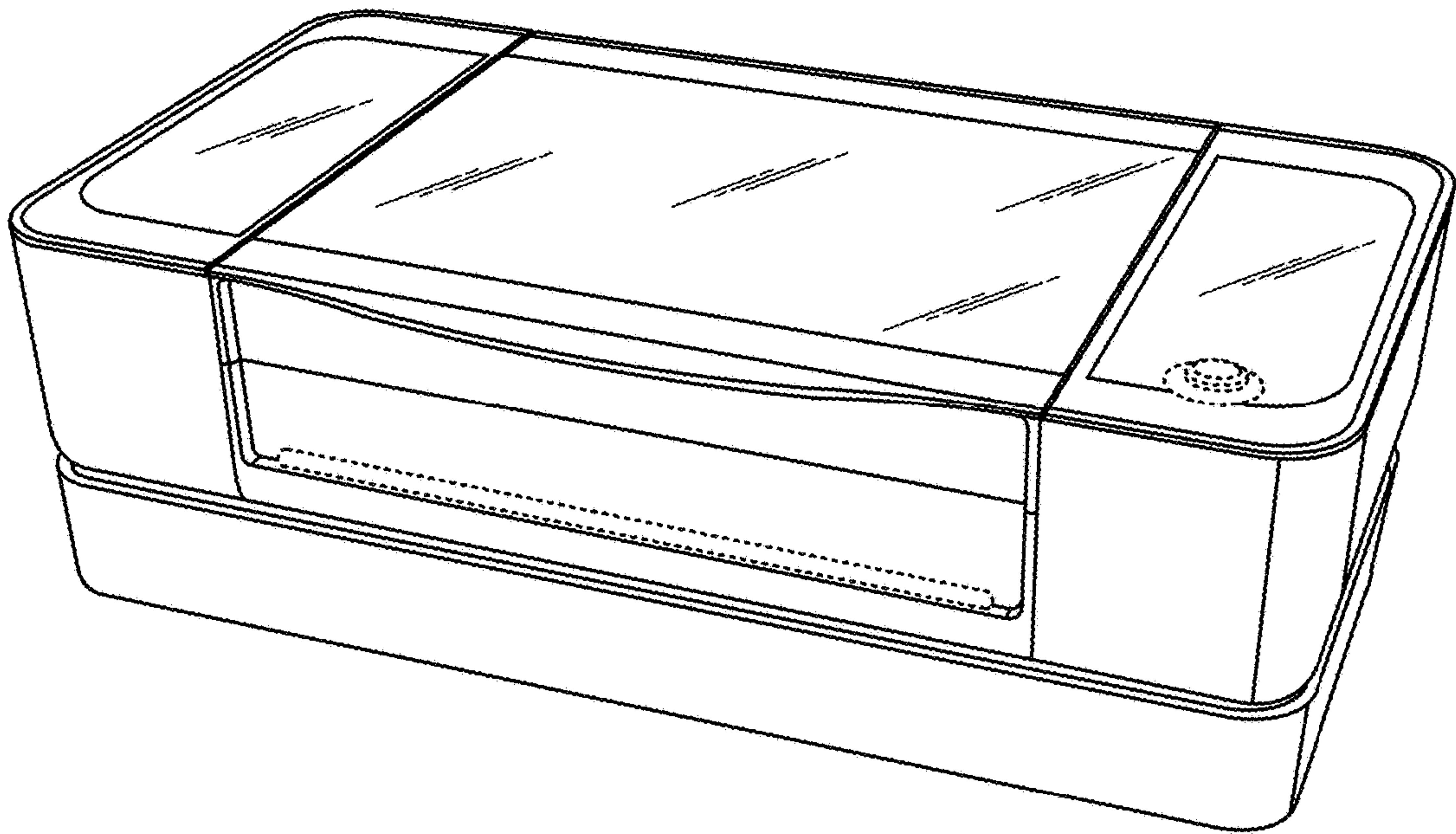


FIG. 1

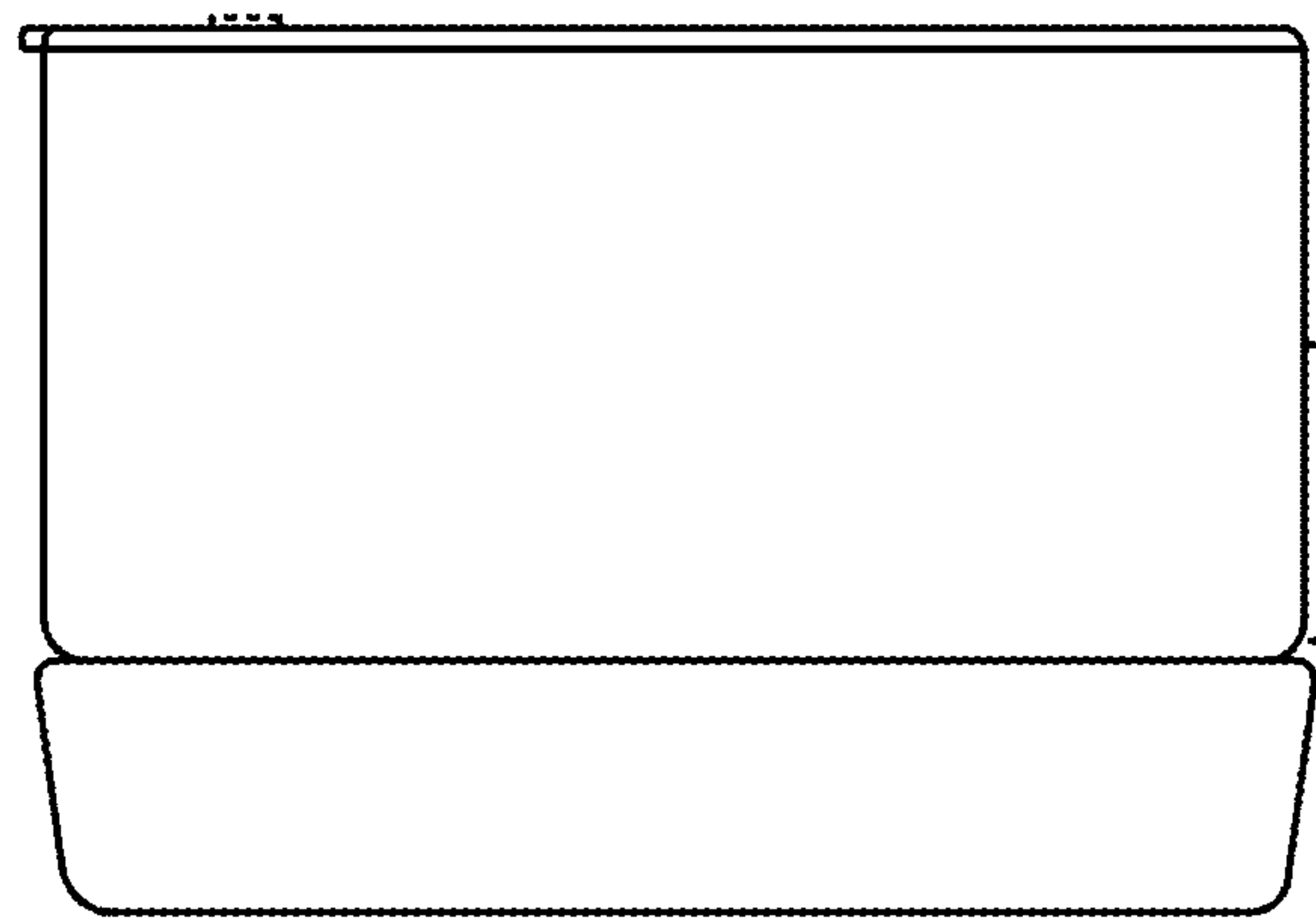


FIG. 2

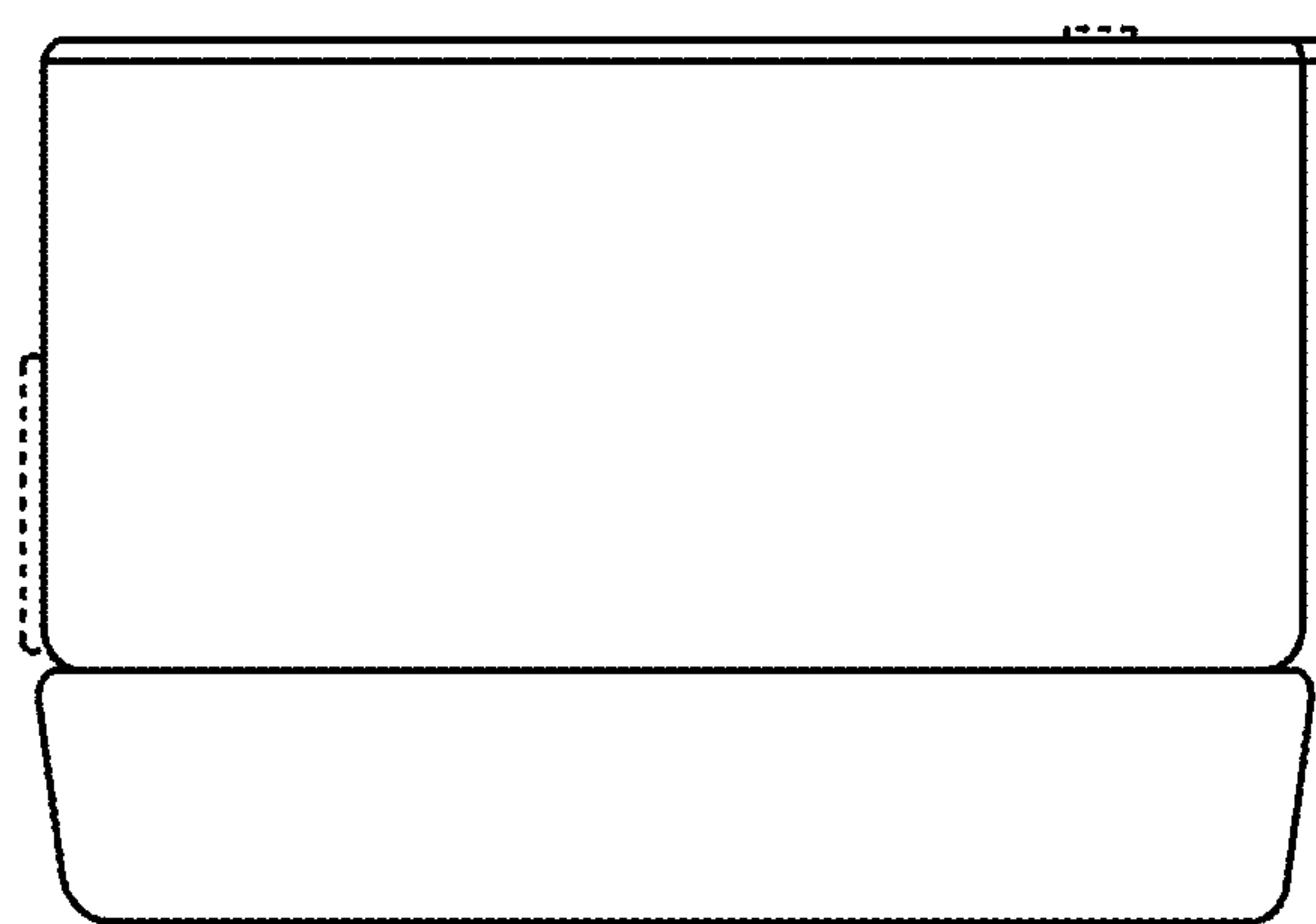


FIG. 3

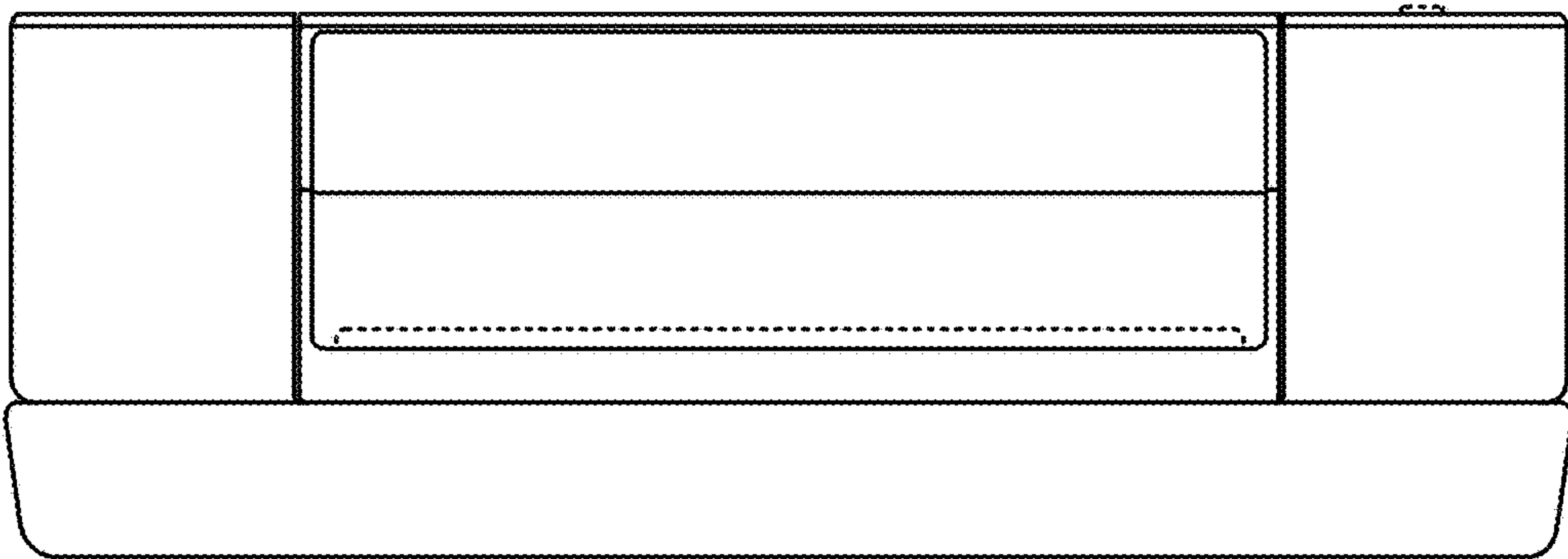


FIG. 4

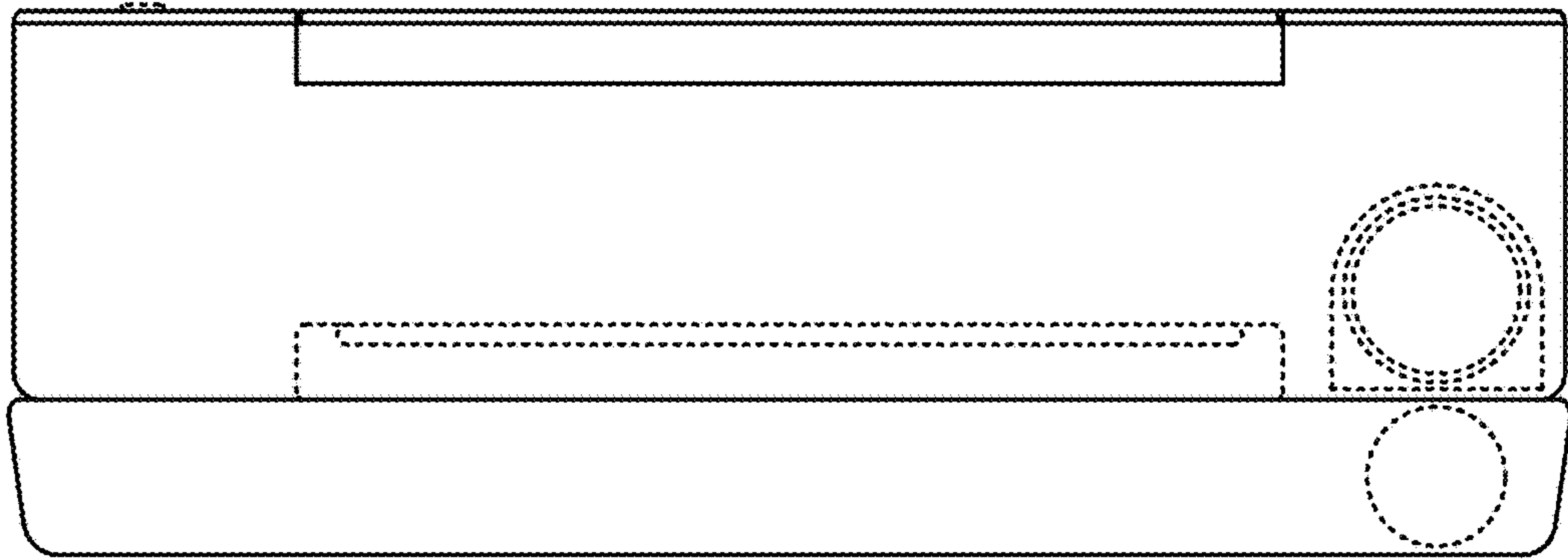


FIG. 5

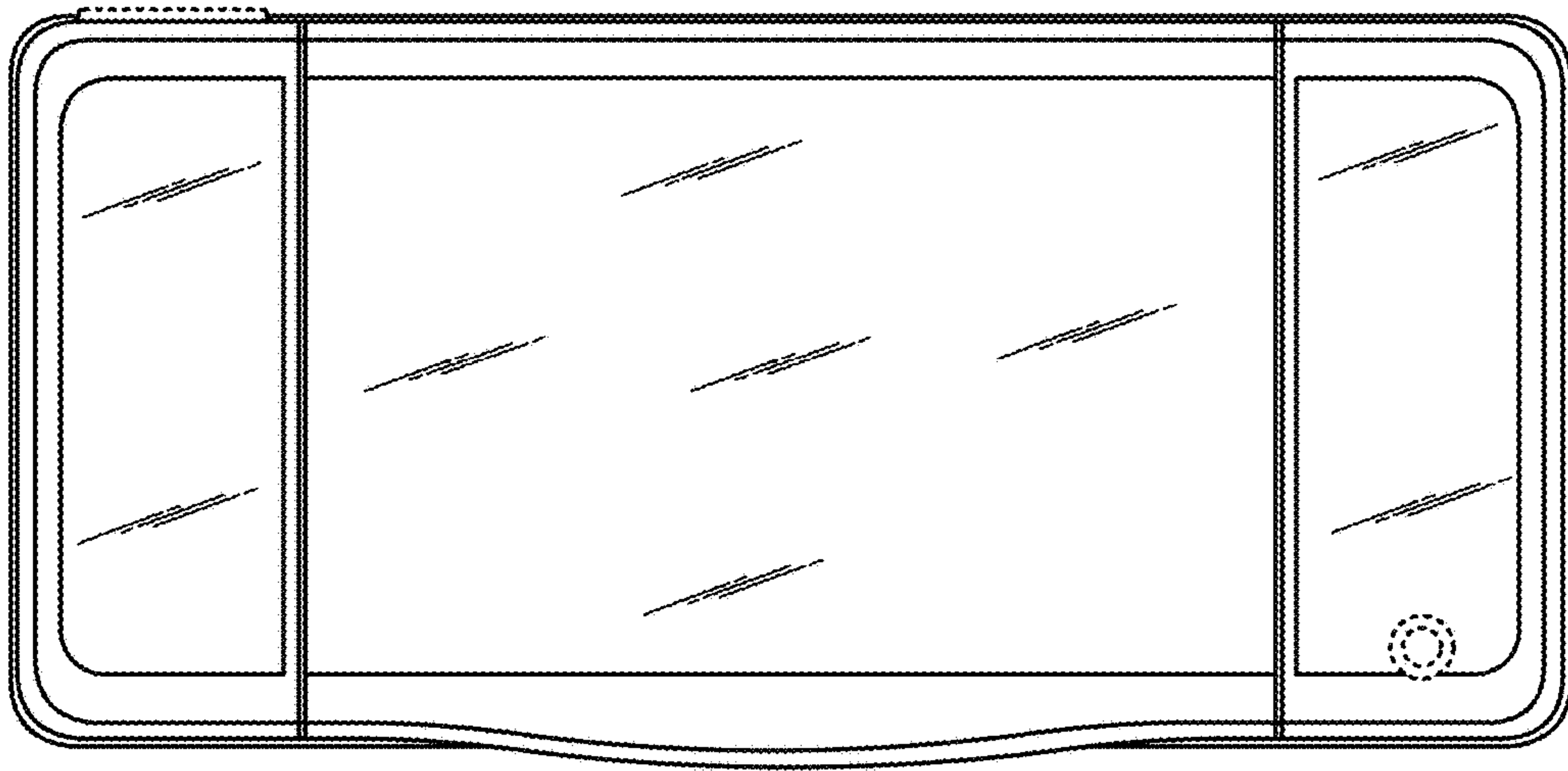


FIG. 6

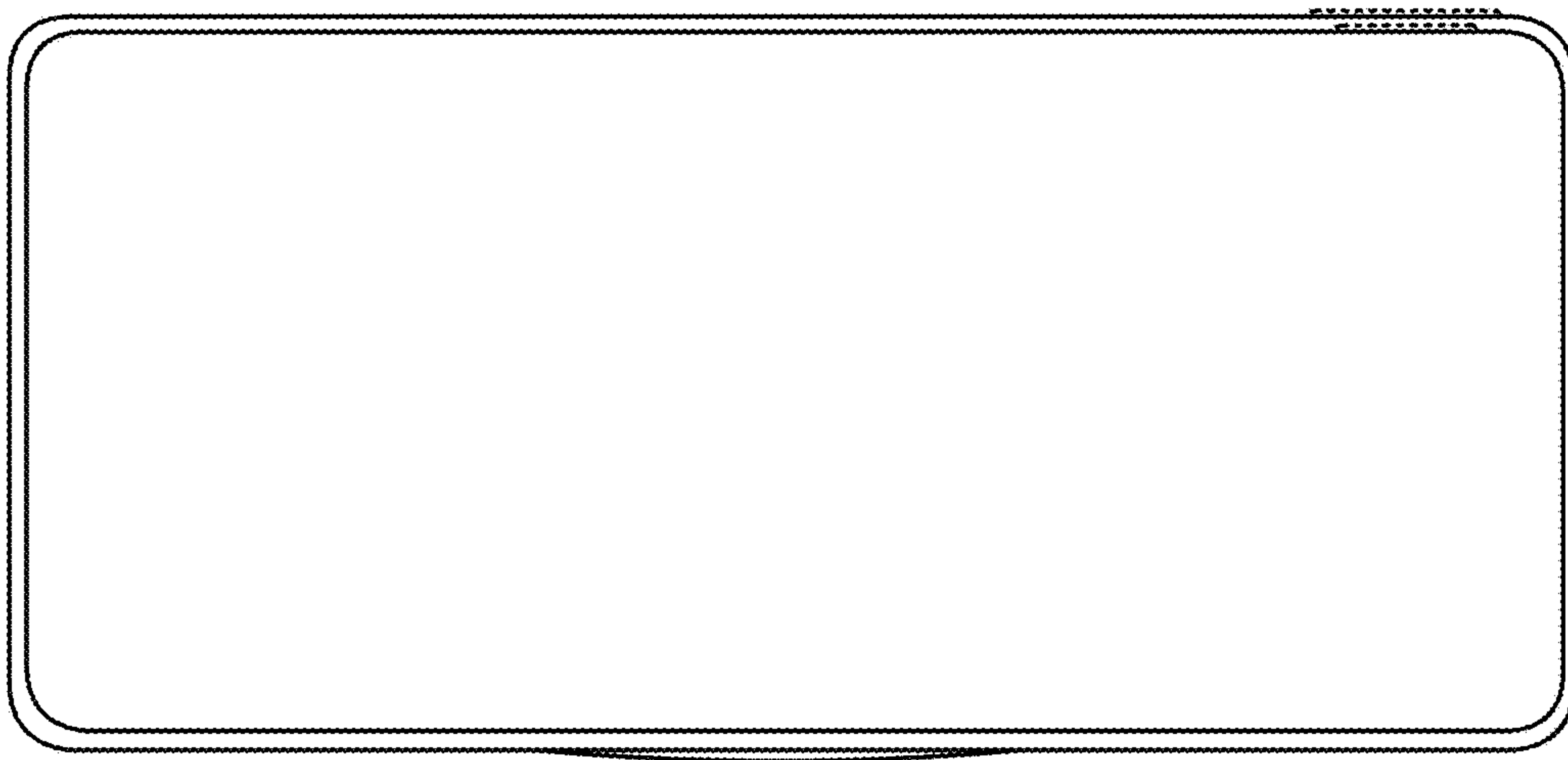


FIG. 7

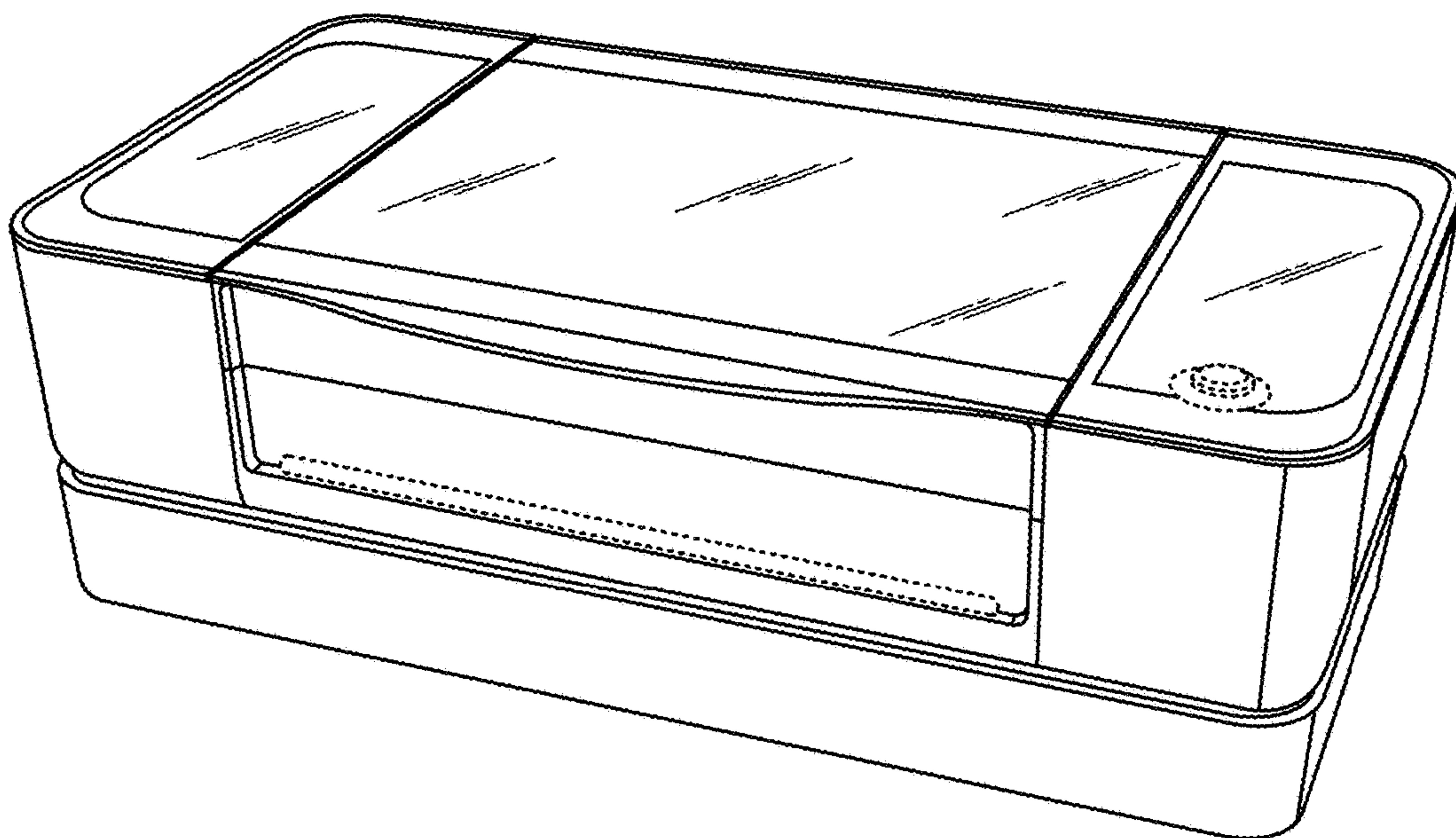


FIG. 8

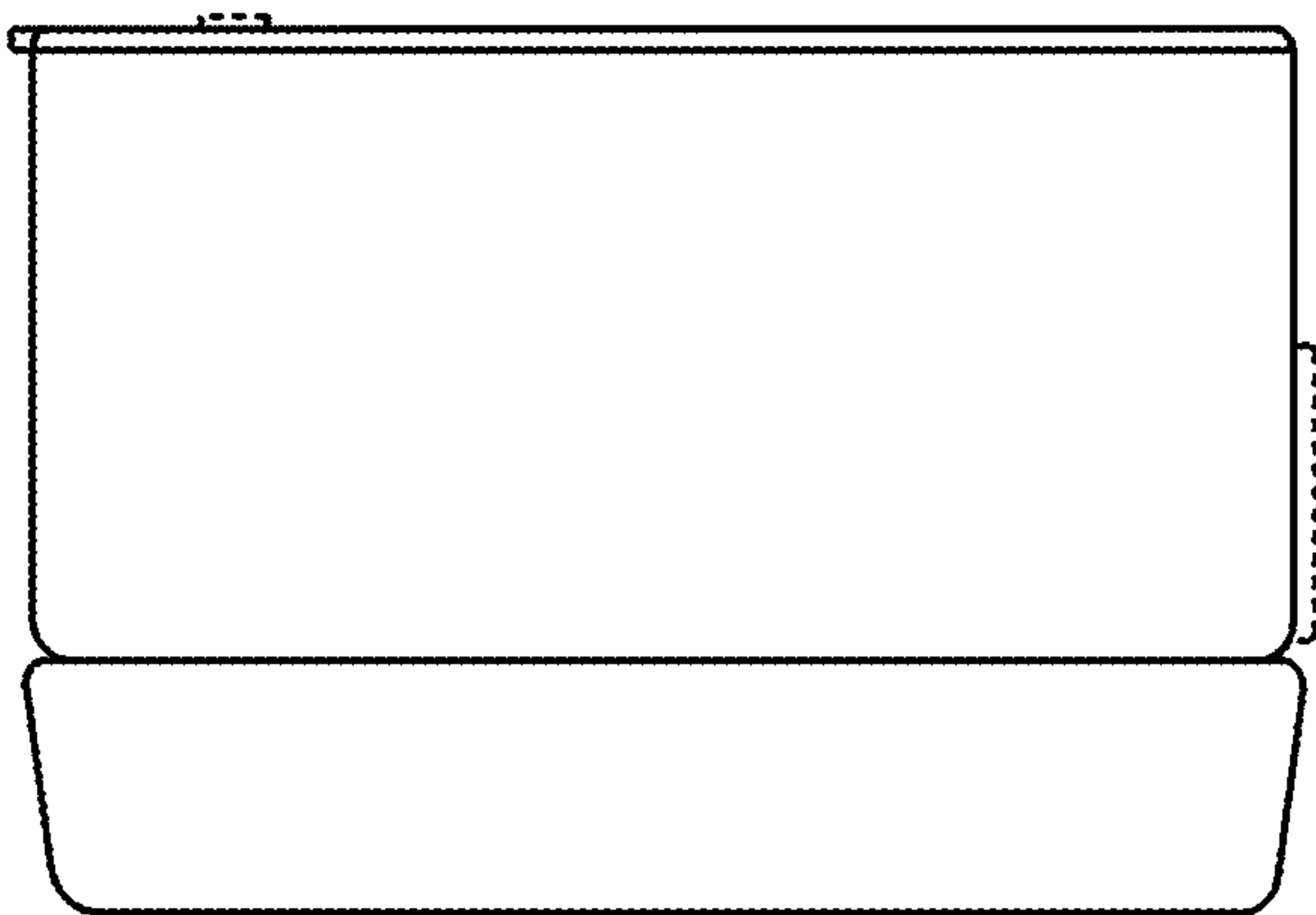


FIG. 9

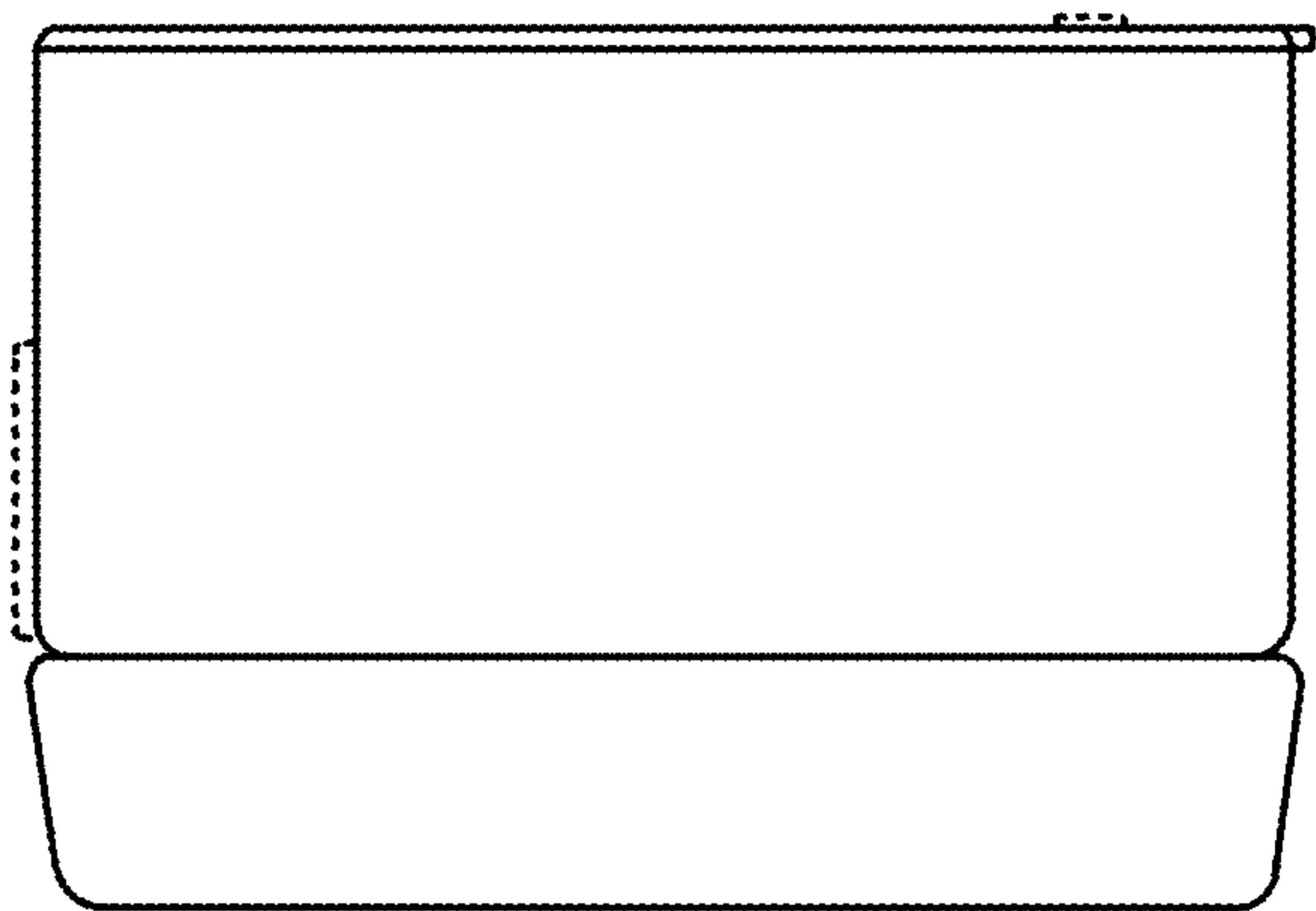


FIG. 10

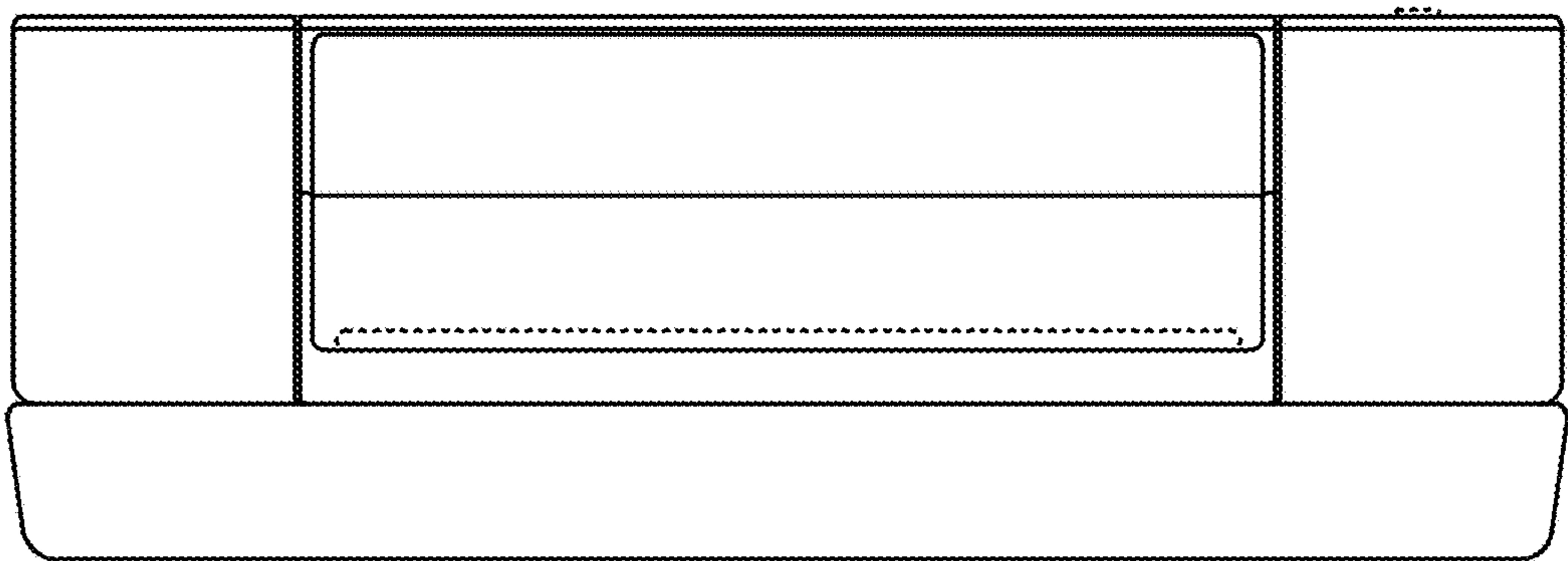


FIG. 11

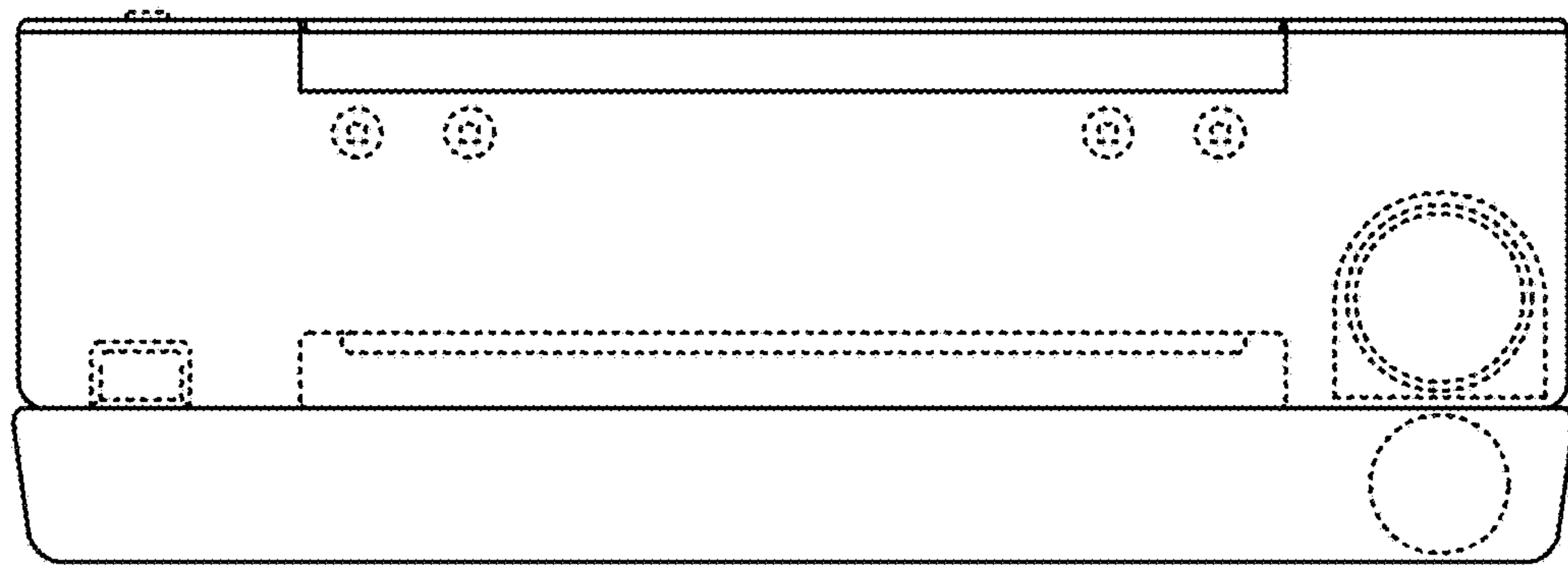


FIG. 12

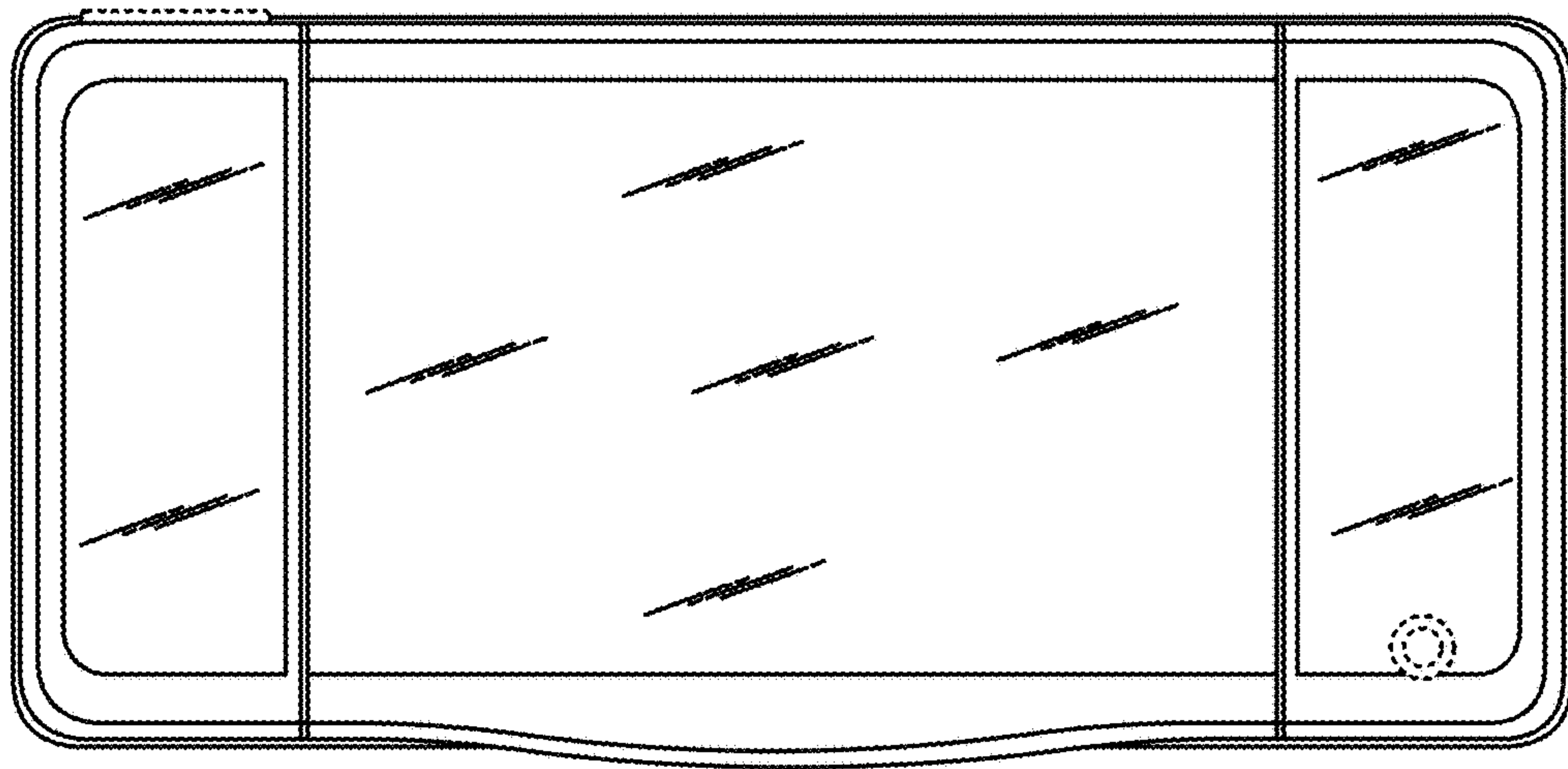


FIG. 13

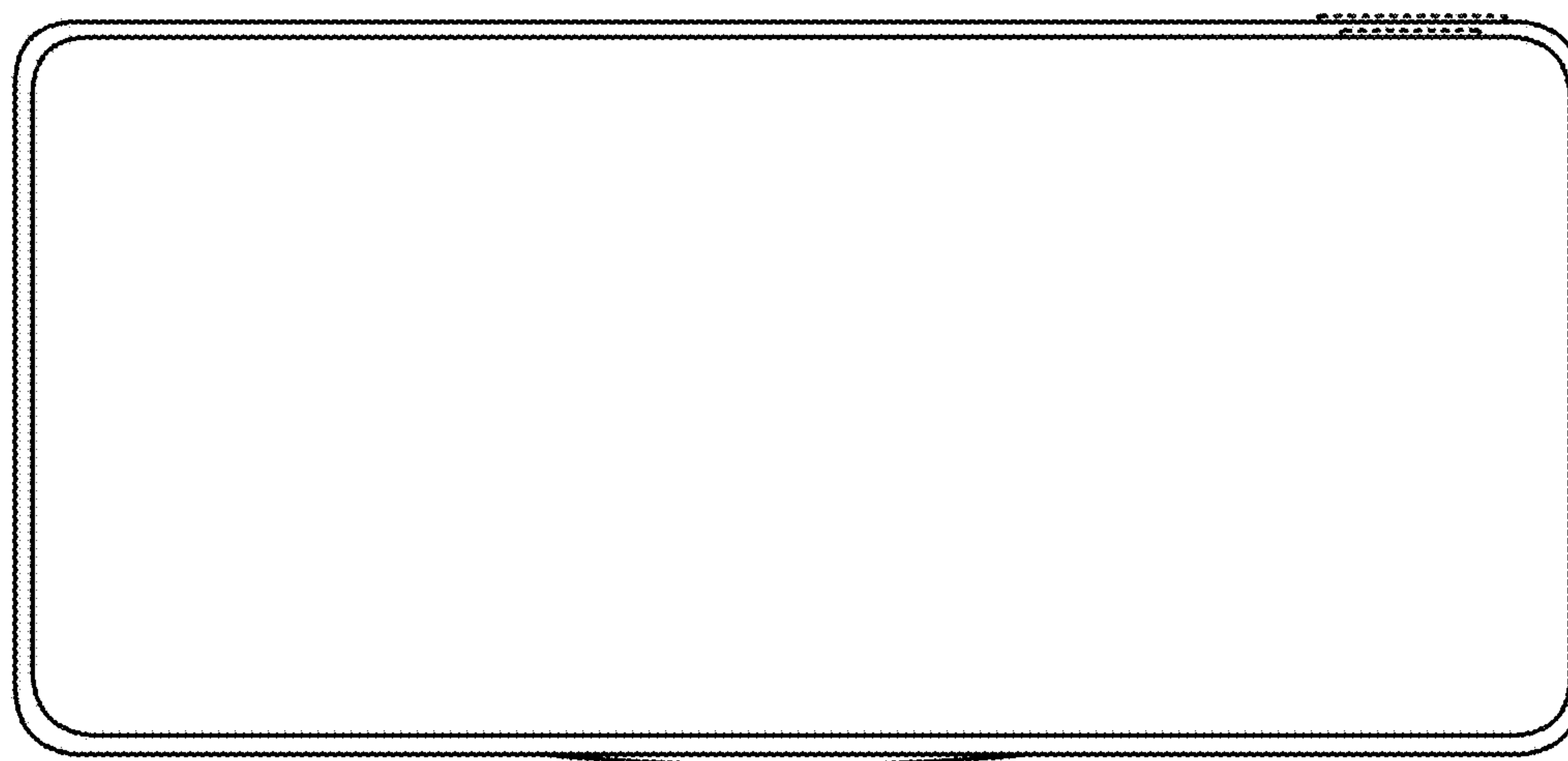


FIG. 14