



US00D769366S

(12) **United States Design Patent**
Hiraguchi

(10) **Patent No.:** **US D769,366 S**

(45) **Date of Patent:** **** Oct. 18, 2016**

(54) **CASH DRAWER WITH PRINTER**

(71) Applicant: **STAR MICRONICS CO., LTD.**,
Shizuoka (JP)

(72) Inventor: **Katsunori Hiraguchi**, Shizuoka (JP)

(73) Assignee: **STAR MICRONICS CO., LTD.**,
Shizuoka-Shi (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/516,472**

(22) Filed: **Feb. 3, 2015**

(30) **Foreign Application Priority Data**

Nov. 4, 2014 (JP) 2014-024531

(51) **LOC (10) Cl.** **18-01**

(52) **U.S. Cl.**
USPC **D18/12.1; D18/54.1**

(58) **Field of Classification Search**
USPC D18/12, 12.1, 12.3, 4.1, 4.3, 4.5, 50,
D18/54.1, 55, 56; D14/300, 371, 374-377,
D14/332, 336, 337, 341, 356, 358, 385, 386,
D14/420, 448, 451, 452; D20/10, 41, 99;
D3/297, 294; D99/28, 34, 35, 36, 37,
D99/43, 99
CPC G07G 1/00; G07G 1/0018; G07G 1/0027
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D261,004 S * 9/1981 Jinbo D18/4.1
- 4,312,037 A * 1/1982 Yamakita G06Q 20/209
705/24
- D269,441 S * 6/1983 Matsuda D18/4.3
- D294,711 S * 3/1988 Williams D18/12.1
- D296,210 S * 6/1988 Nishibori D14/369
- D303,536 S * 9/1989 Miyaji D18/4.3
- D319,458 S * 8/1991 Ave-Lallemant D18/4.3

- D374,028 S * 9/1996 Sato D18/12.1
- D460,104 S * 7/2002 Wada D18/12.1
- D526,648 S * 8/2006 Andre D14/314
- D596,626 S * 7/2009 Andre D14/240

(Continued)

OTHER PUBLICATIONS

mPOP Star Micronics POP10-B1. kmart.com. [online PDF] 2 pages. Sep. 2015 [retrieved on Jul. 20, 2016] <http://www.kmart.com/star-micronics-mpop-pop10-b1-blk-us-cash/p-SPM7981812923> PDF URL: http://i.sears.com/s/d/pdf/mp-tc/10000001/prod_ec_1906567602.*

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Marie Fast Horse

(74) *Attorney, Agent, or Firm* — Lex IP Meister, PLLC

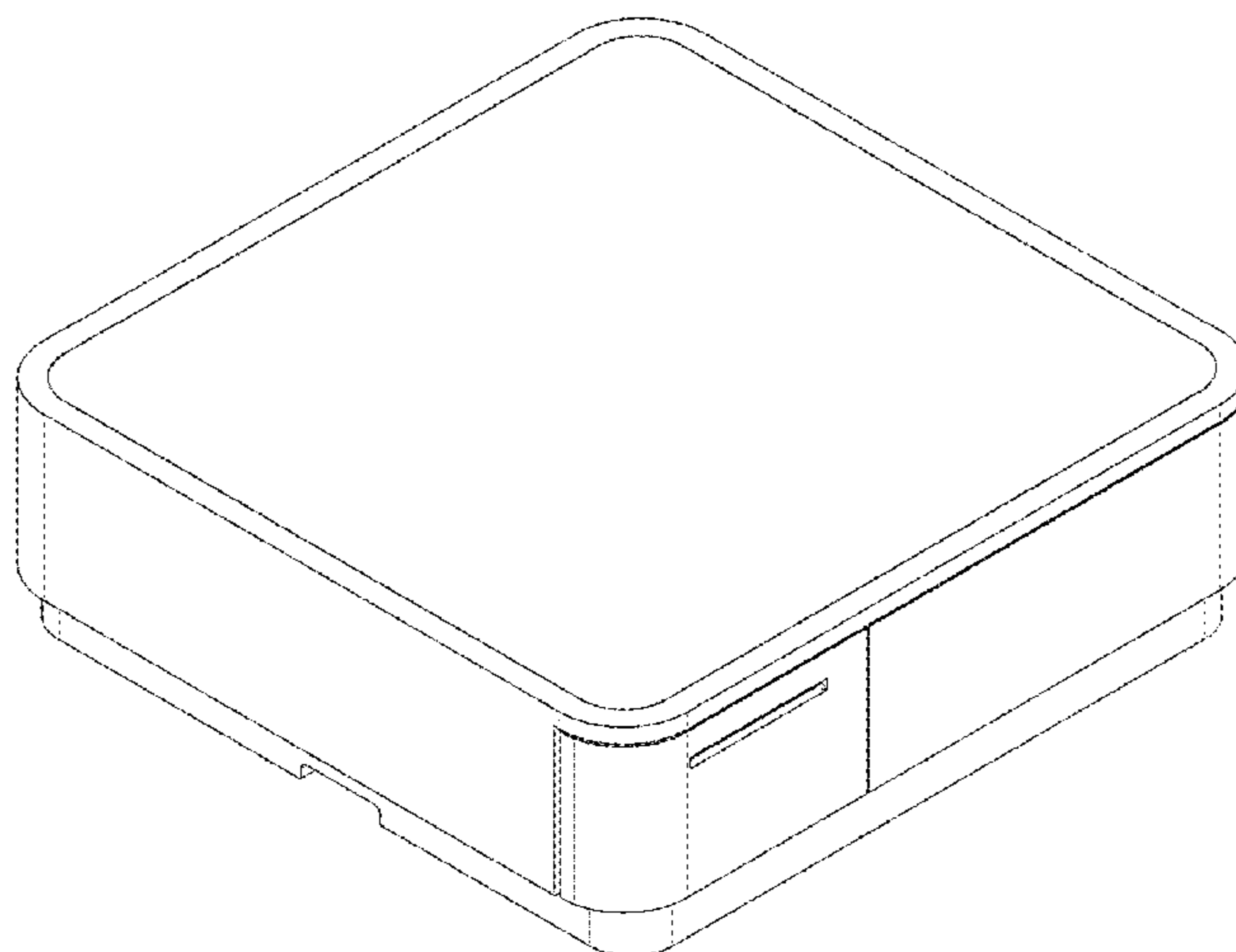
(57) **CLAIM**

The ornamental design for a cash drawer with printer, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of cash drawer with printer according to my new design;
 FIG. 2 is an elevated front view thereof;
 FIG. 3 is an elevated rear view thereof;
 FIG. 4 is an elevated left-side view thereof;
 FIG. 5 is an elevated right-side view thereof;
 FIG. 6 is a top plan view thereof; and,
 FIG. 7 is a bottom plan view thereof.
 The broken lines in FIG. 4 and FIG. 7 depict parts of the cash drawer with printer that form no part of the claim.
 The small rectangular surface immediately adjacent to the wedge shaped switch in FIG. 4 forms no part of the claim; and all surfaces shown between the broken and solid lines in FIG. 7 form no part of the claim.
 The cash drawer with printer is comprised of a drawer unit on the right and a printer unit on the left.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D601,583 S * 10/2009 Andre D14/496
 D618,273 S * 6/2010 Sato D18/4.4
 D620,953 S * 8/2010 Andre D14/203.3
 D648,270 S * 11/2011 Jiang D13/103
 D649,541 S * 11/2011 Morenstein D14/314
 D677,855 S * 3/2013 Eick D99/35
 D686,065 S * 7/2013 Kuo D9/432
 D689,860 S * 9/2013 Chong D14/368
 D695,520 S * 12/2013 Edwards D3/294
 D697,964 S * 1/2014 Fukasawa D18/55
 D720,394 S * 12/2014 Heckler D18/12.1
 D722,109 S * 2/2015 Nanno D18/50
 D730,328 S * 5/2015 Chun D14/230

D732,010 S * 6/2015 Hsiau D14/240
 D735,805 S * 8/2015 Haller D18/46
 D740,881 S * 10/2015 So D18/50
 9,159,204 B2 * 10/2015 Yonemaru G07G 1/0027
 D744,483 S * 12/2015 Barbu D14/358
 D745,480 S * 12/2015 Mathews D14/125
 D751,142 S * 3/2016 So D18/50
 2007/0095885 A1 * 5/2007 Liang G07G 1/0018
 235/7 R
 2010/0171627 A1 * 7/2010 Takizawa G07G 1/0027
 340/665
 2013/0020445 A1 * 1/2013 O'Kasick F16M 11/24
 248/49
 2015/0348376 A1 * 12/2015 Ting G07G 1/0027
 235/7 R

* cited by examiner

FIG. 1

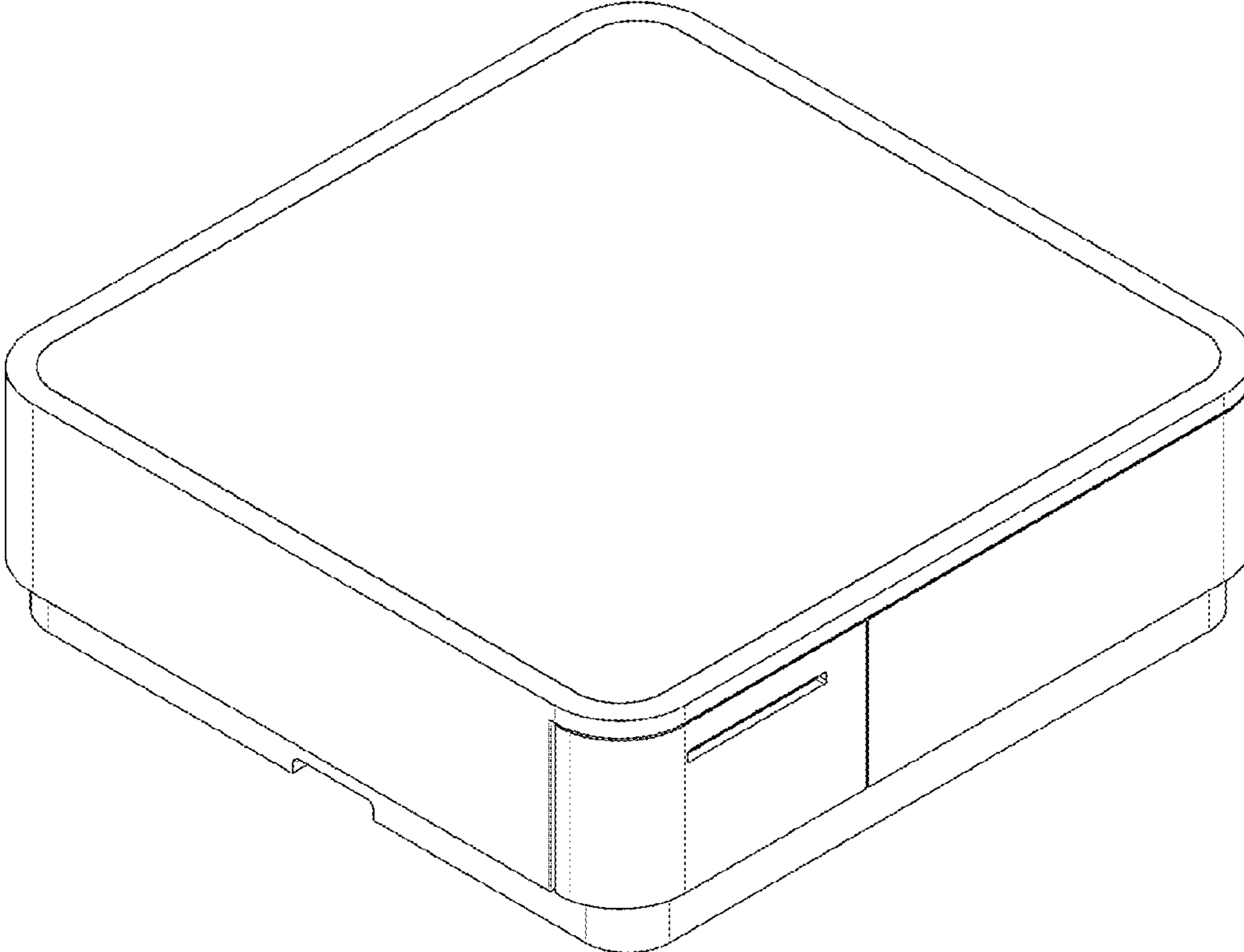


FIG. 2

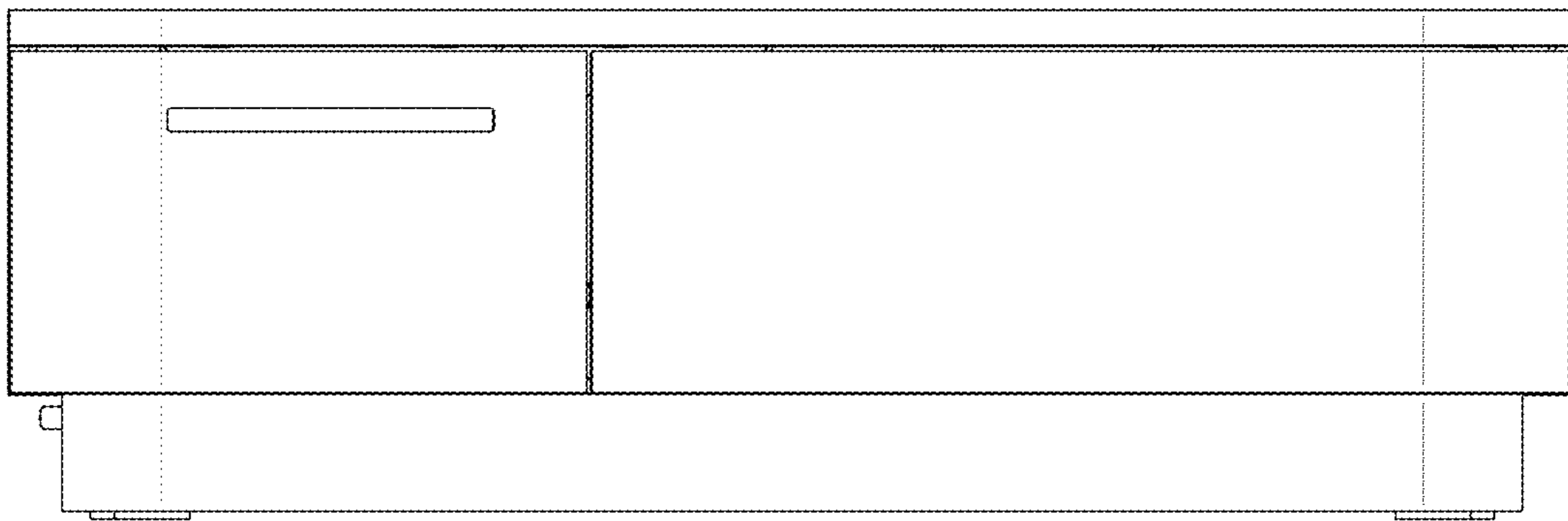


FIG. 3

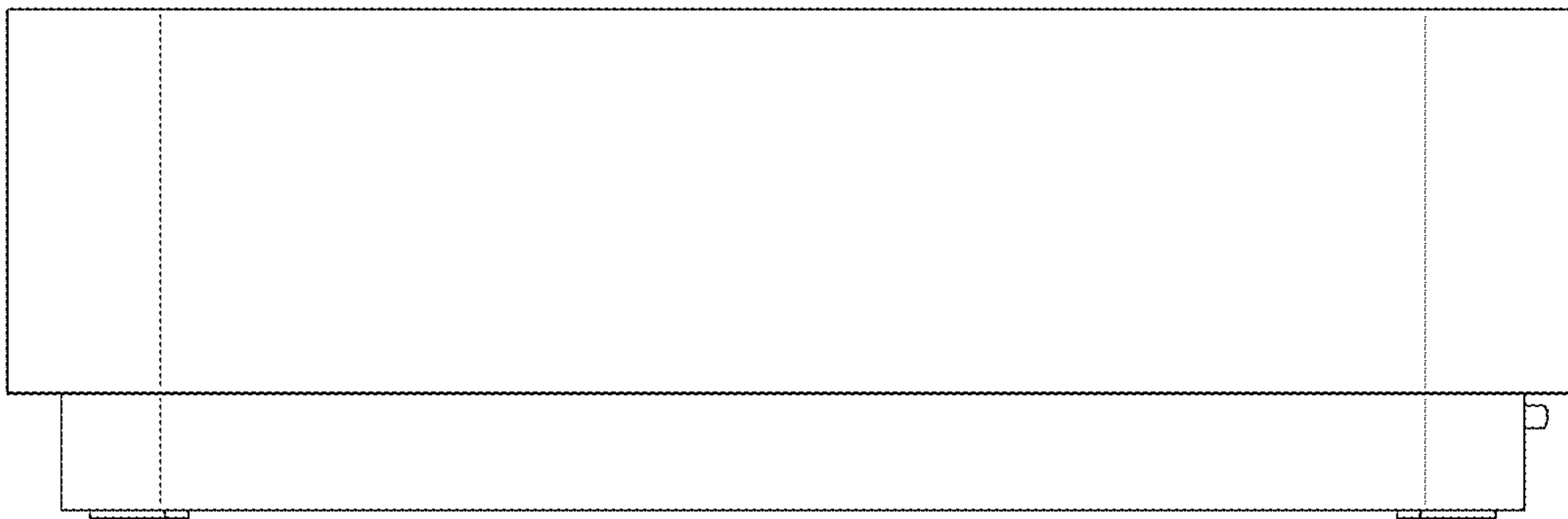


FIG. 4

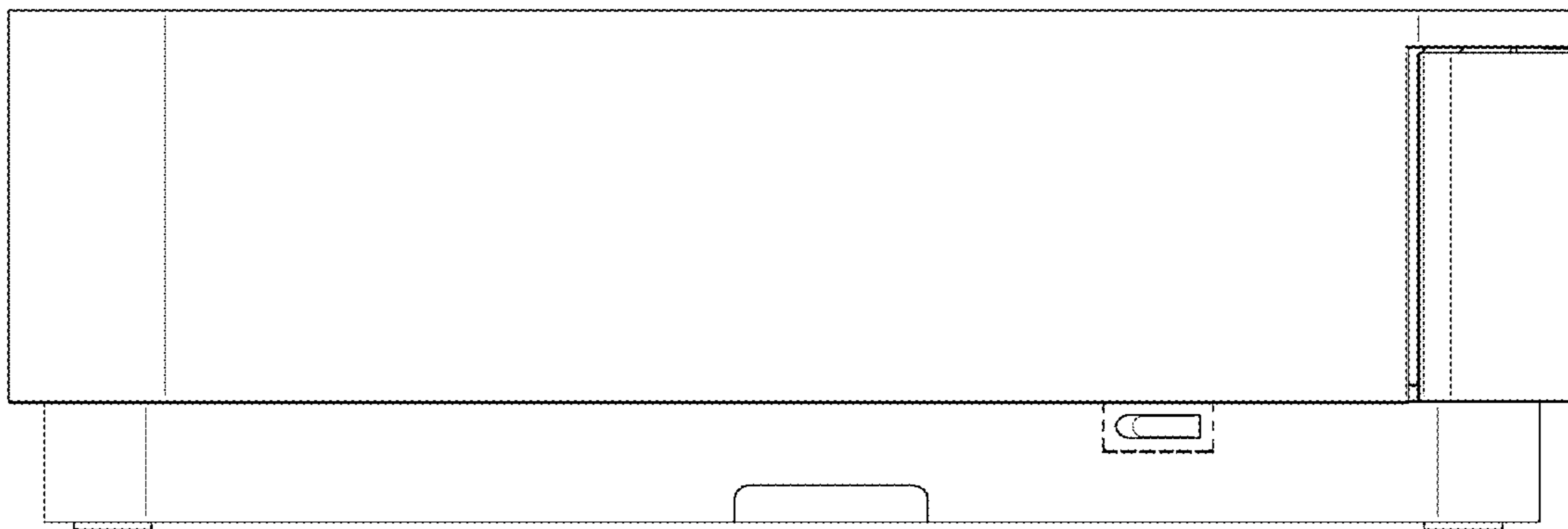


FIG. 5

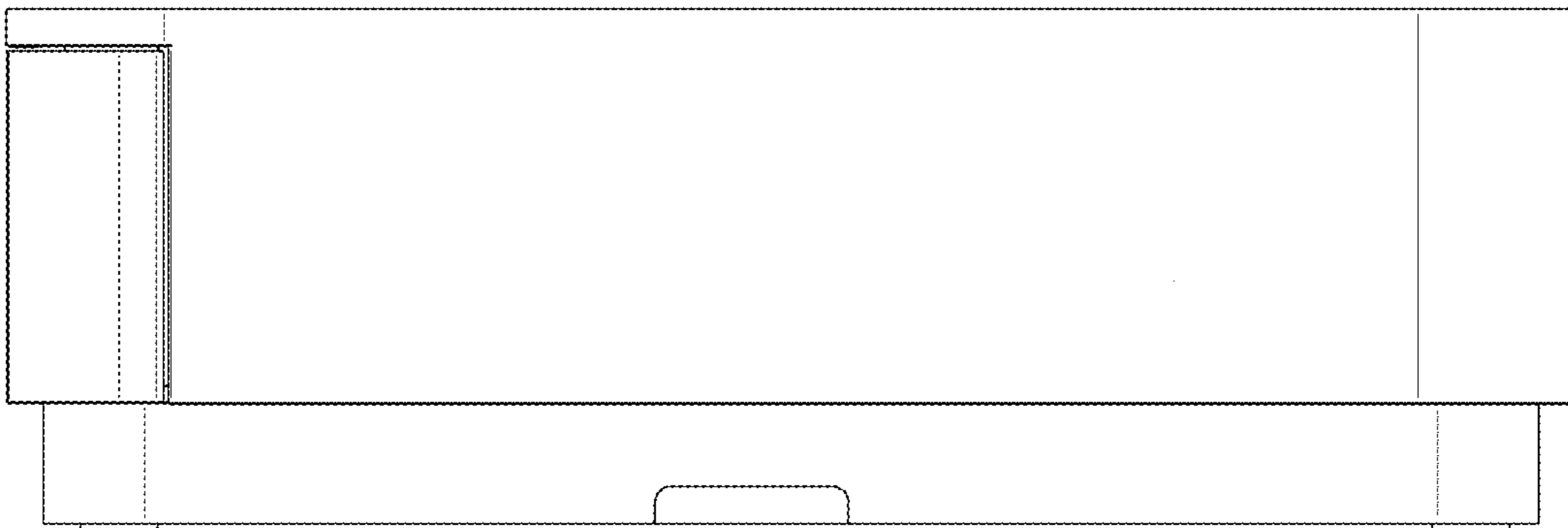


FIG. 6

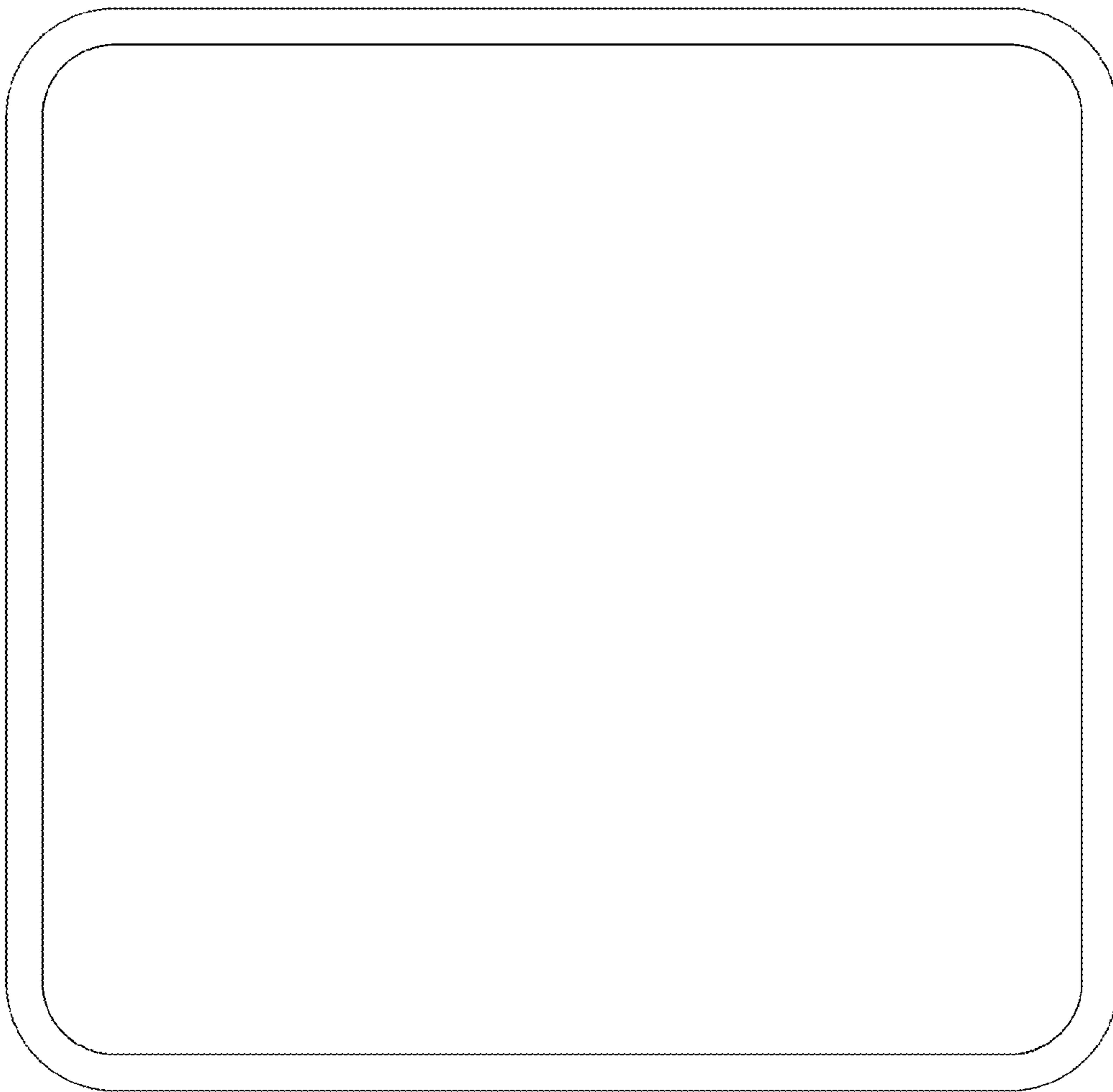


FIG. 7

