



US00D871581S

(12) **United States Design Patent** (10) **Patent No.:** **US D871,581 S**
Sul (45) **Date of Patent:** **** Dec. 31, 2019**

(54) **X-RAY DETECTOR**
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(72) Inventor: **Sungwoo Sul**, Seongnam-si (KR)
(73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**, Gyeonggi-do (KR)
(**) Term: **15 Years**

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378/189
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* cited by examiner

Primary Examiner — Anhdao Doan
(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(57) **CLAIM**

The ornamental design for an X-ray detector, as shown and described.

(21) Appl. No.: **29/645,298**

DESCRIPTION

(22) Filed: **Apr. 25, 2018**

FIG. 1 is a front perspective view of an X-ray detector, showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a right-side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a rear perspective view thereof;
FIG. 9 is an enlarged view of the portion, '9' in FIG. 1;
FIG. 10 is an enlarged view of the portion, '10' in FIG. 8;
FIG. 11 is an enlarged view of the portion, '11' in FIG. 8;
FIG. 12 is a front perspective view of another embodiment of an X-ray detector, showing my new design;
FIG. 13 is a front view thereof;
FIG. 14 is a rear view thereof;
FIG. 15 is a left-side view thereof;
FIG. 16 is a right-side view thereof;
FIG. 17 is a top view thereof;
FIG. 18 is a bottom view thereof; and,
FIG. 19 is a rear perspective view thereof.

(30) **Foreign Application Priority Data**

Nov. 17, 2017 (KR) 30-2017-0053876

(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/158**

(58) **Field of Classification Search**
USPC D24/107, 158–161, 185, 186, 187, 231
CPC H04N 5/367; G03B 42/04; A61B 6/4283
See application file for complete search history.

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The dot-dash broken lines encircling enlargement portions of the design form no part of the claimed design. The broken lines illustrating portions of the X-ray detector form no part of the claimed design.

1 Claim, 15 Drawing Sheets

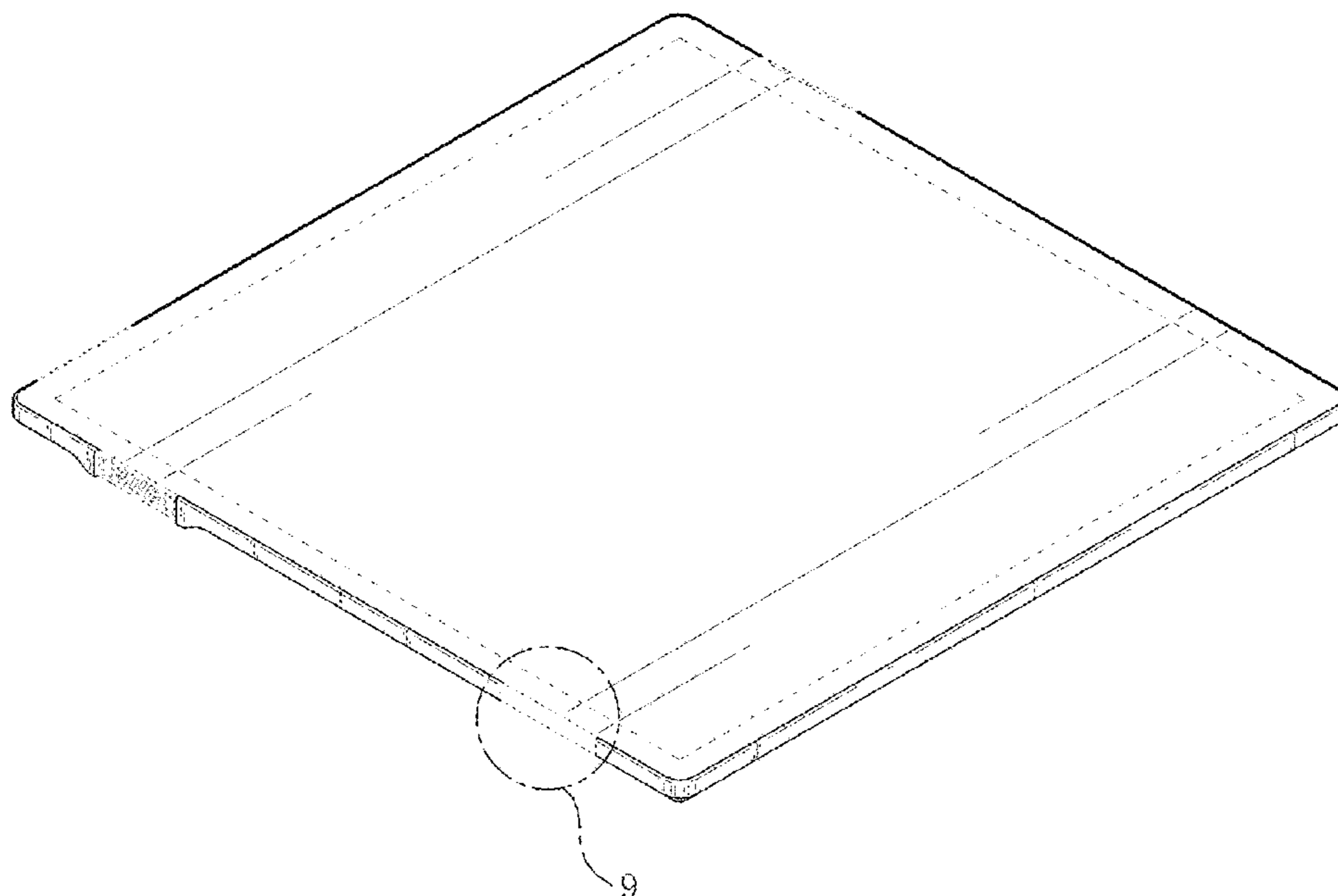


FIG. 1

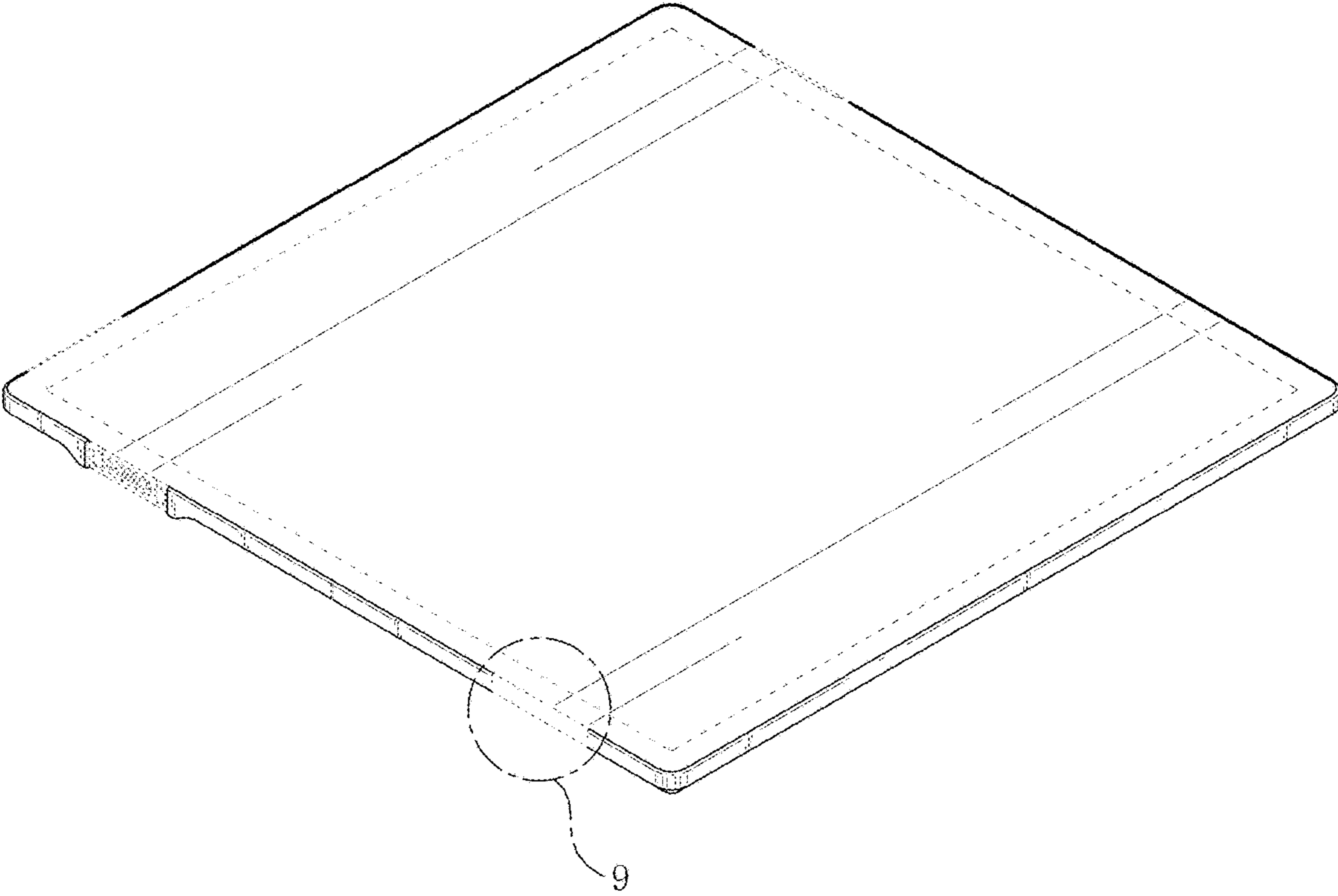


FIG. 2

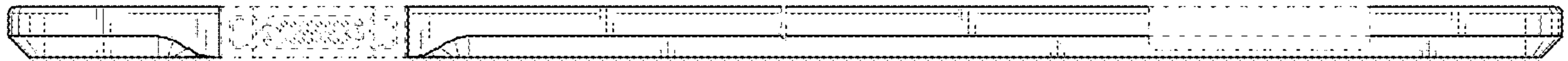


FIG. 3

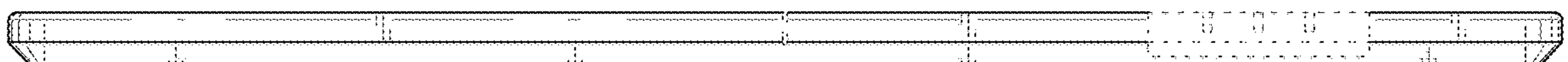


FIG. 4

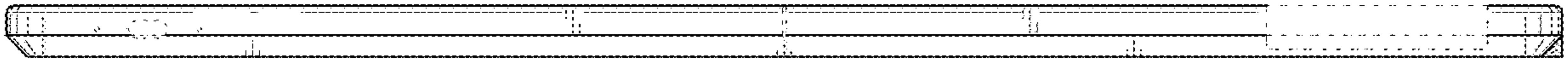


FIG. 5

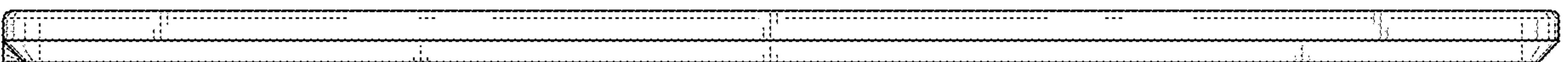


FIG. 6

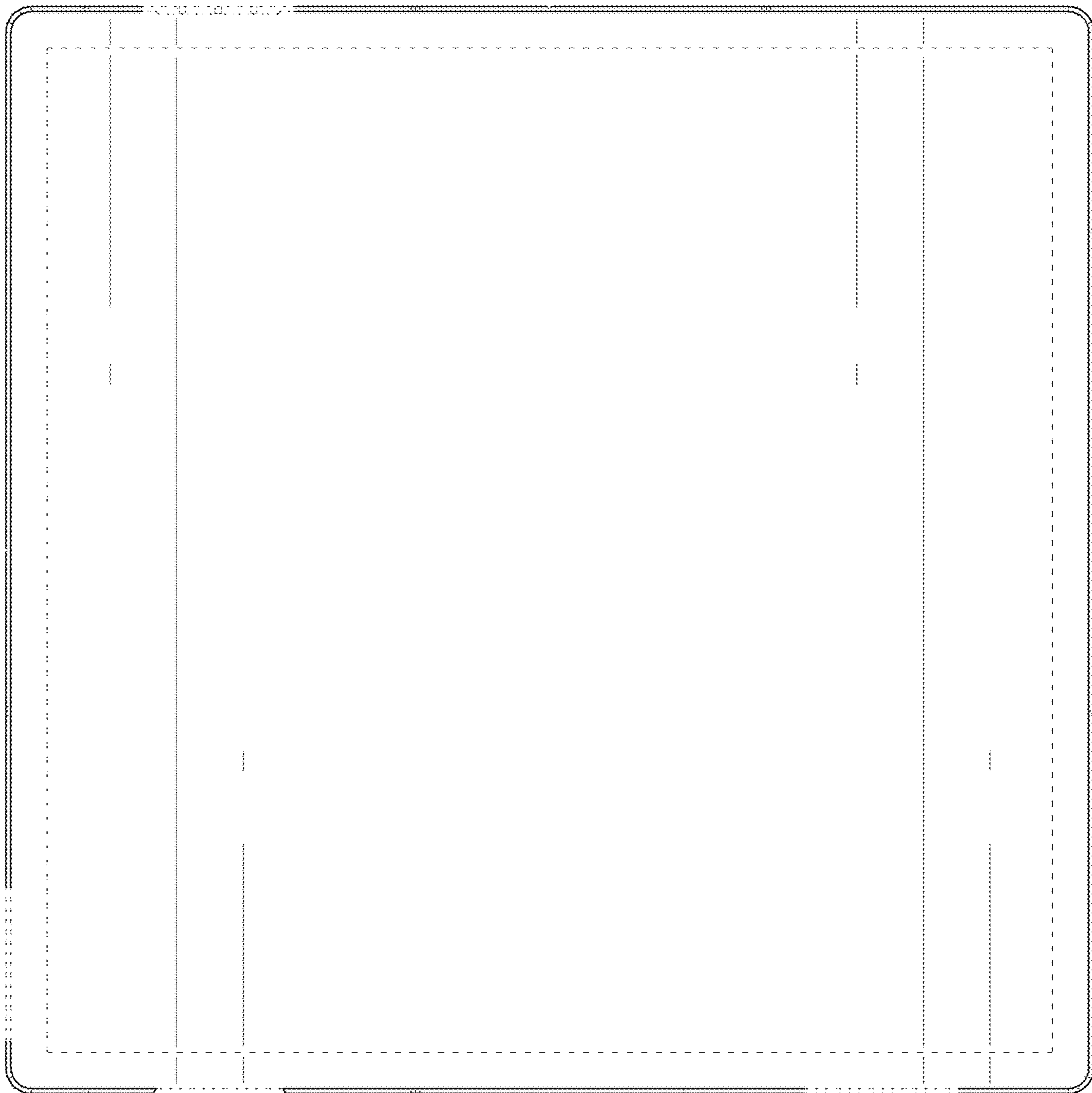


FIG. 7

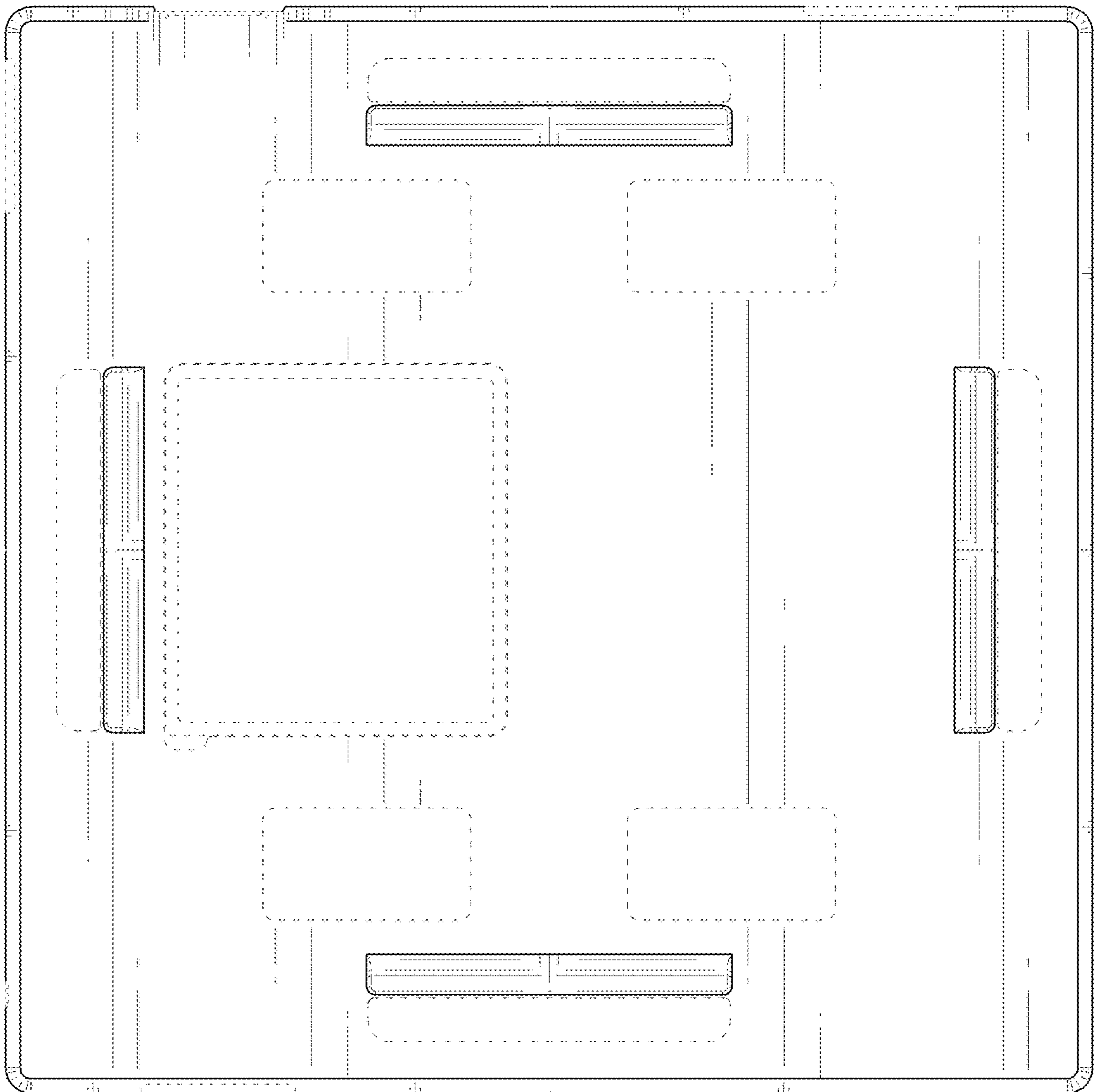


FIG. 8

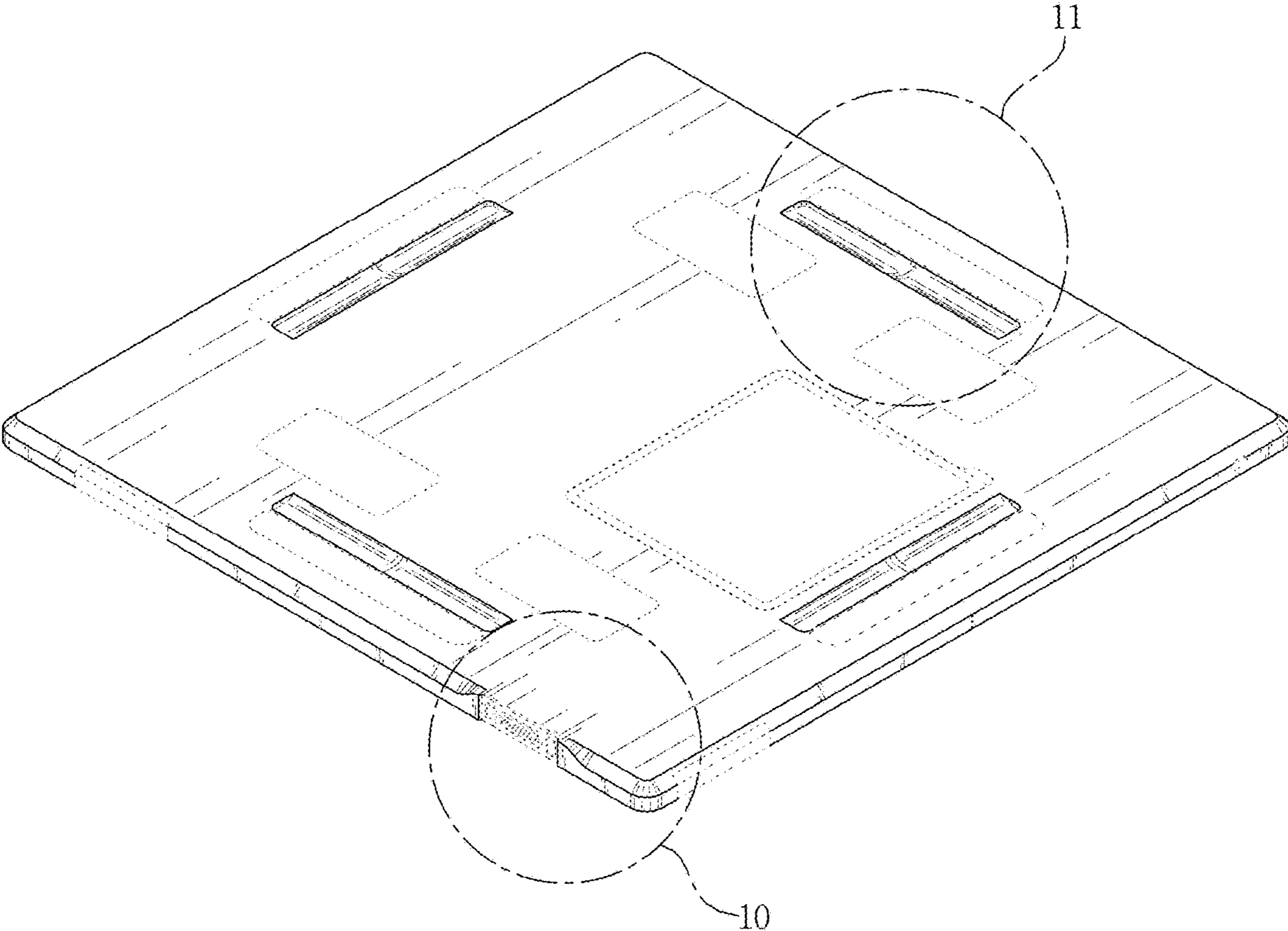


FIG. 9

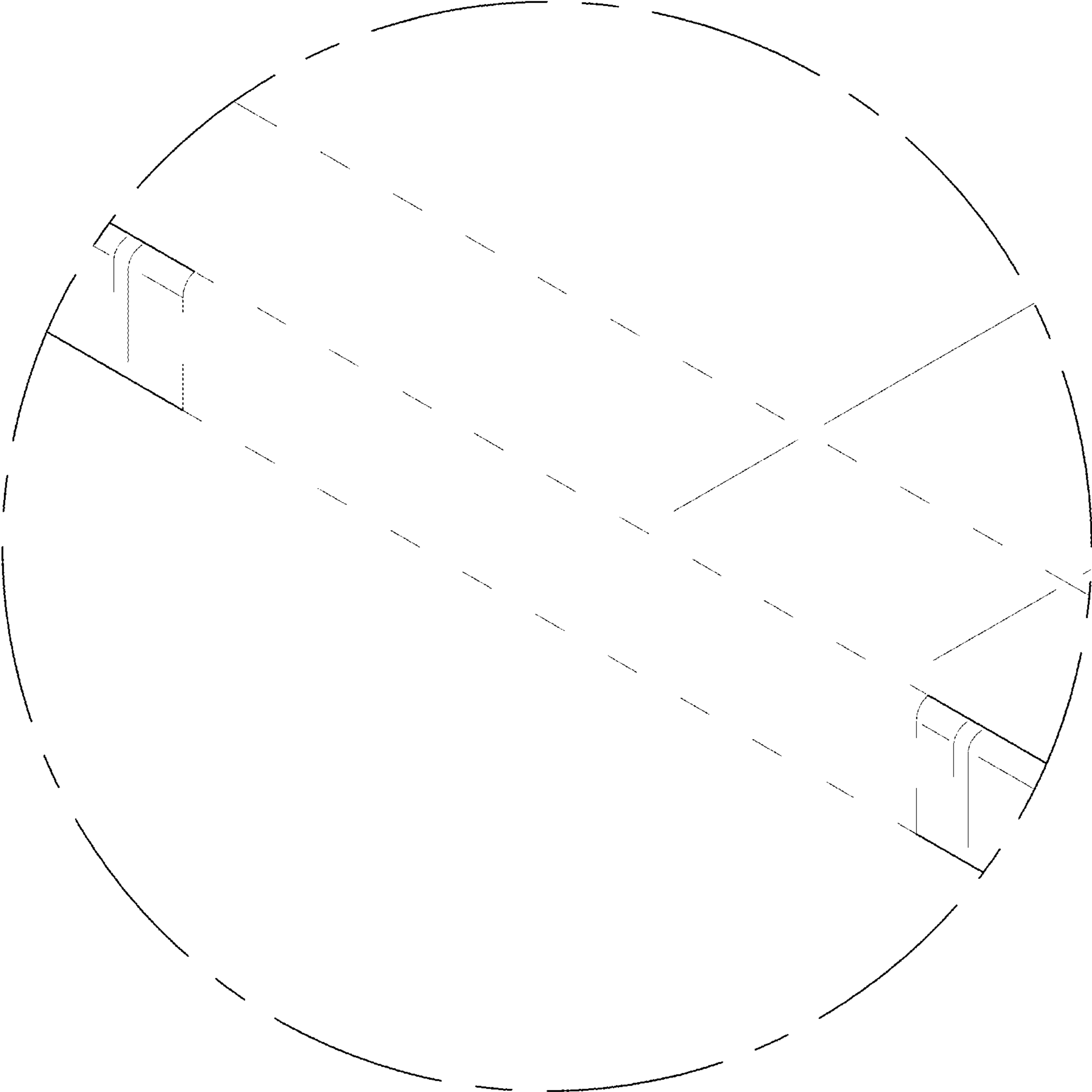


FIG. 10

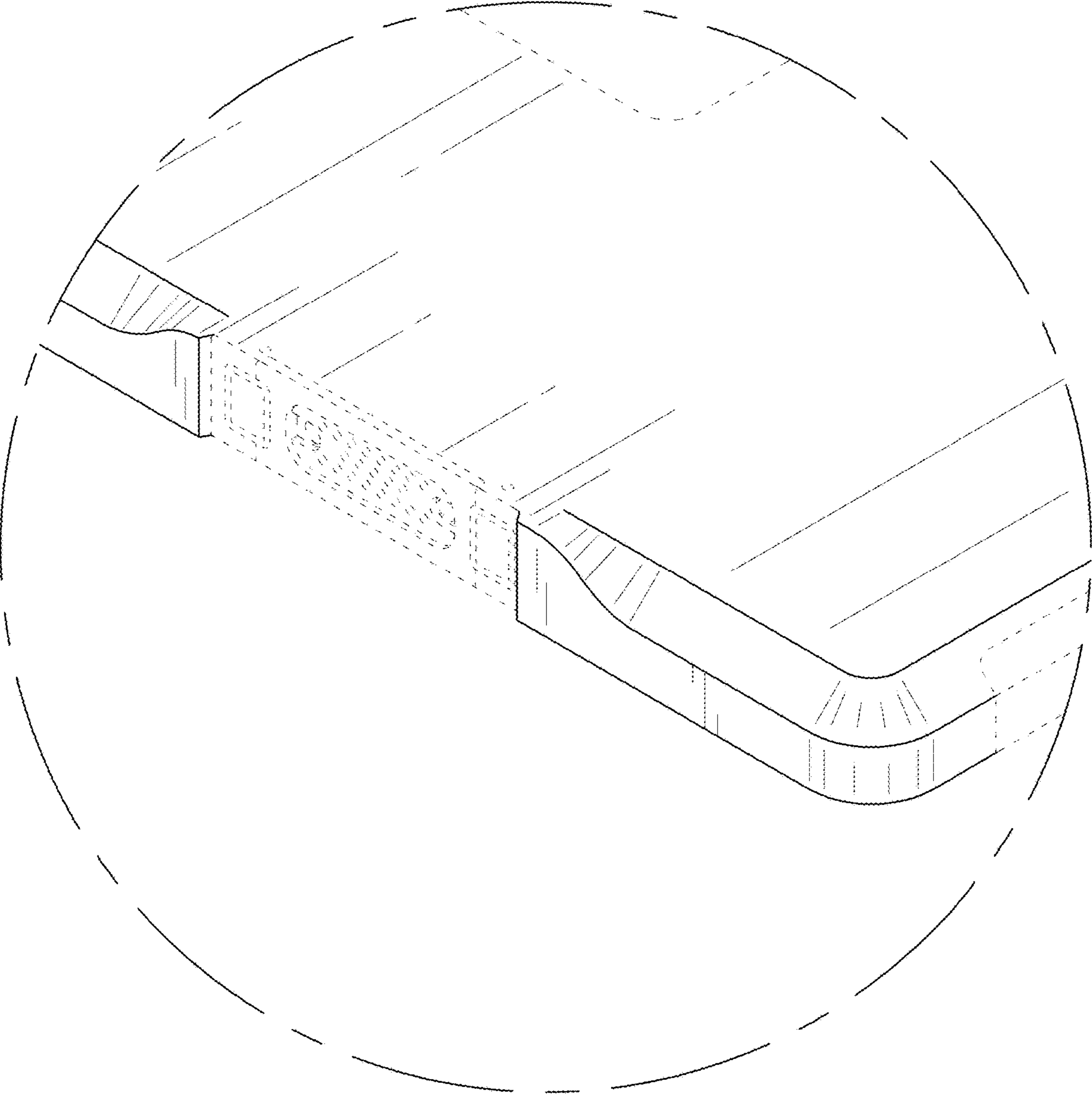


FIG. 11

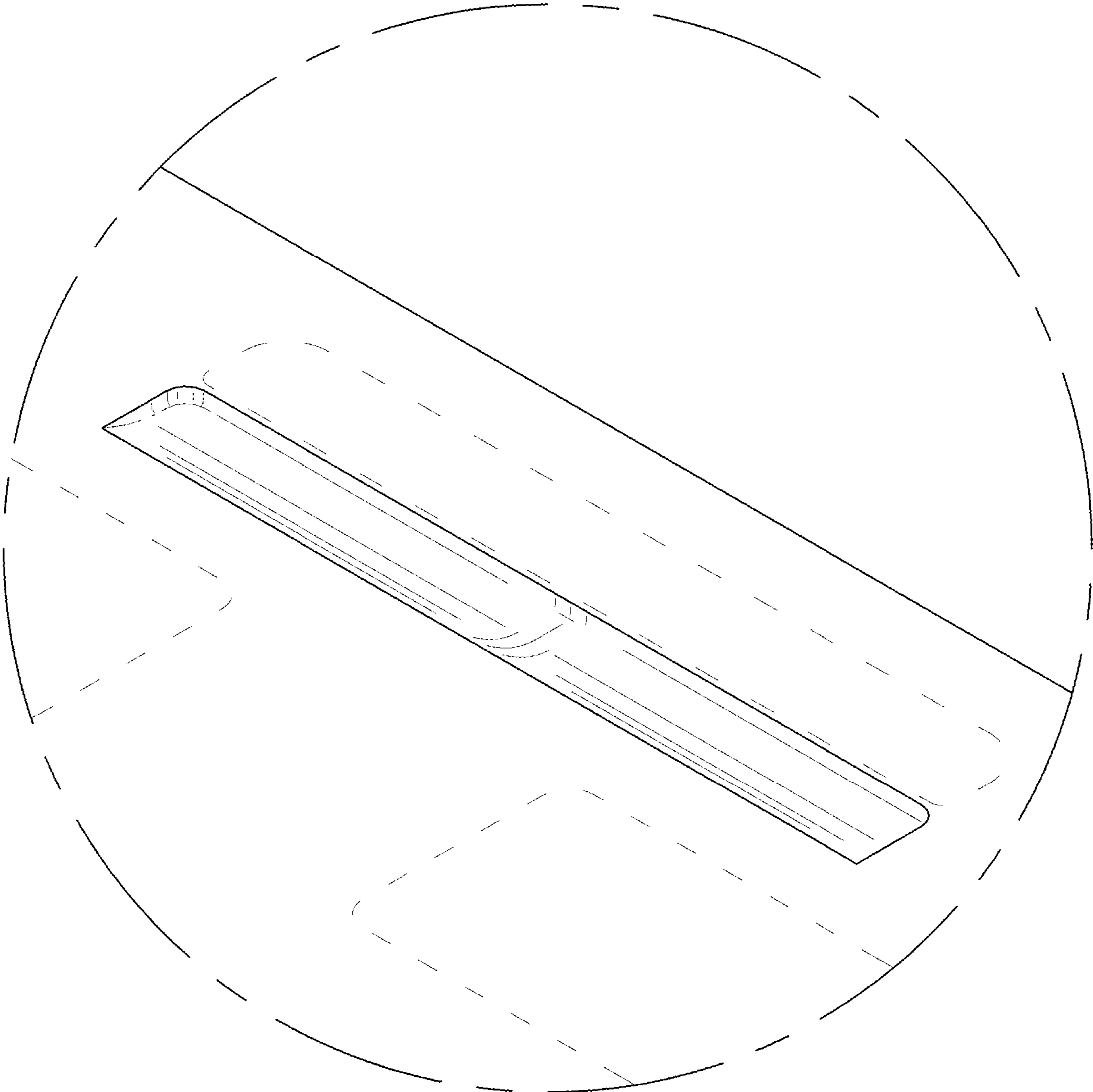


FIG. 12

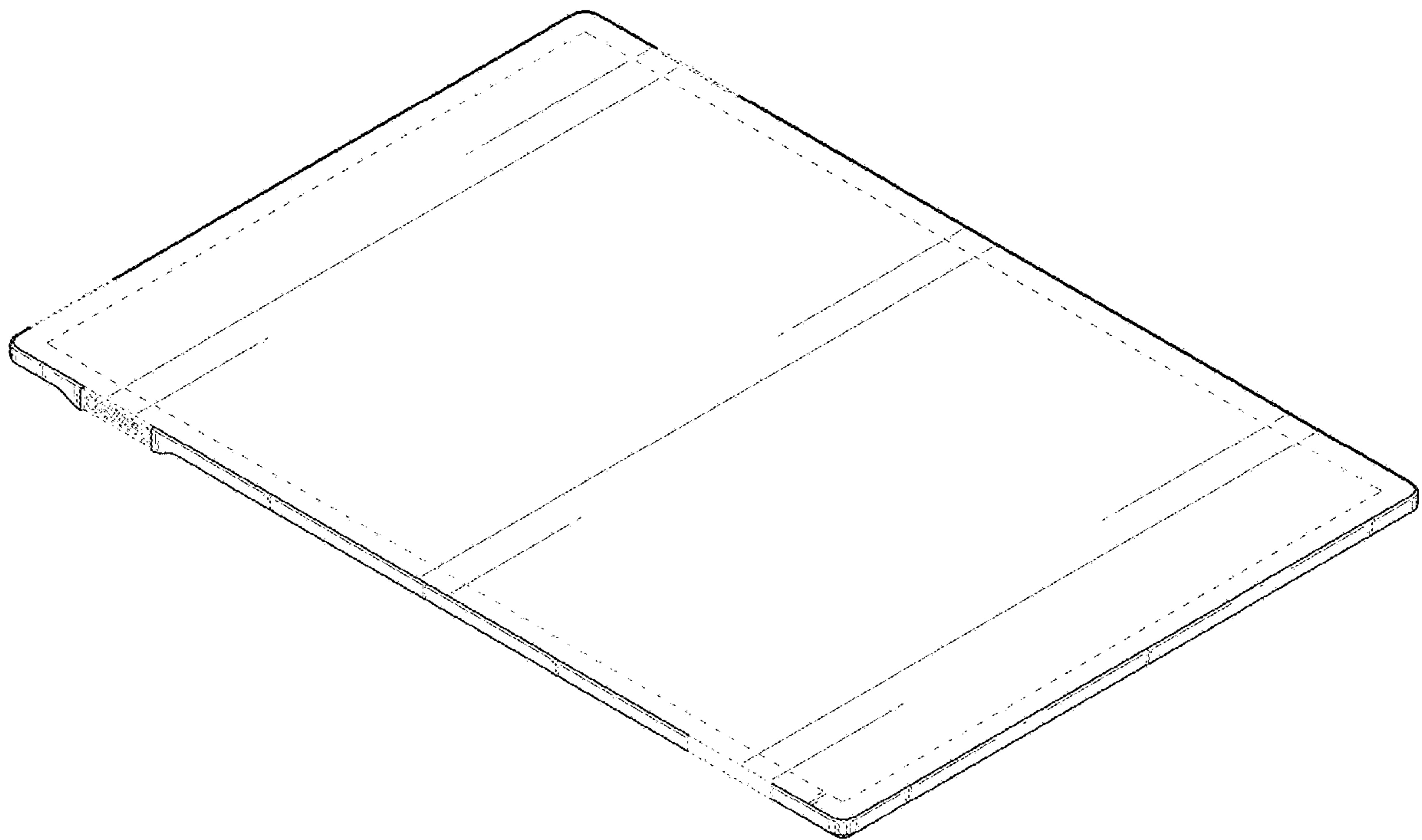


FIG. 13

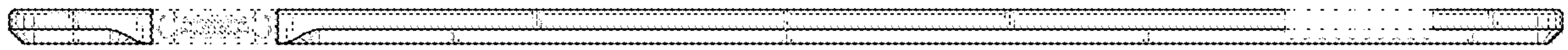


FIG. 14

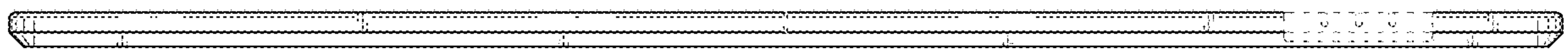


FIG. 15

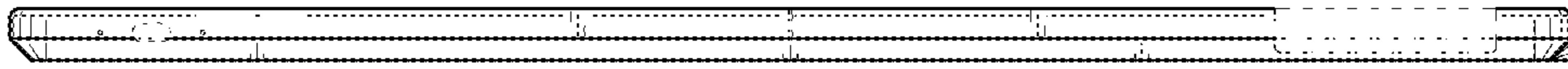


FIG. 16

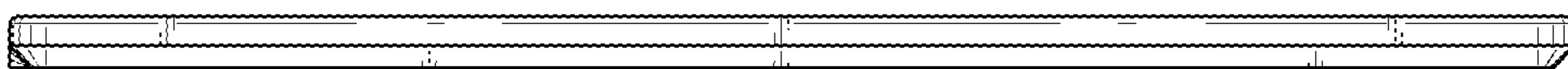


FIG. 17

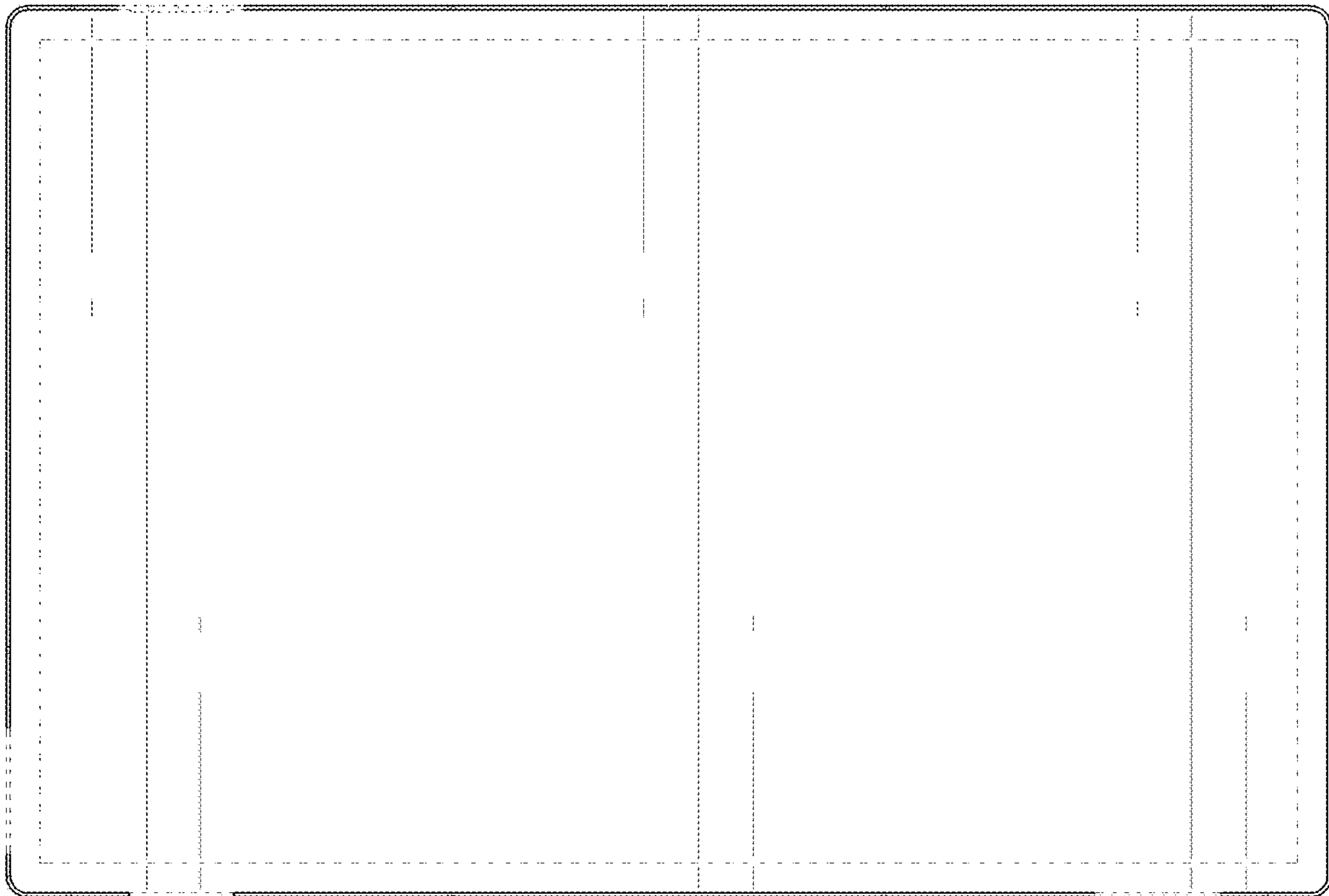


FIG. 18

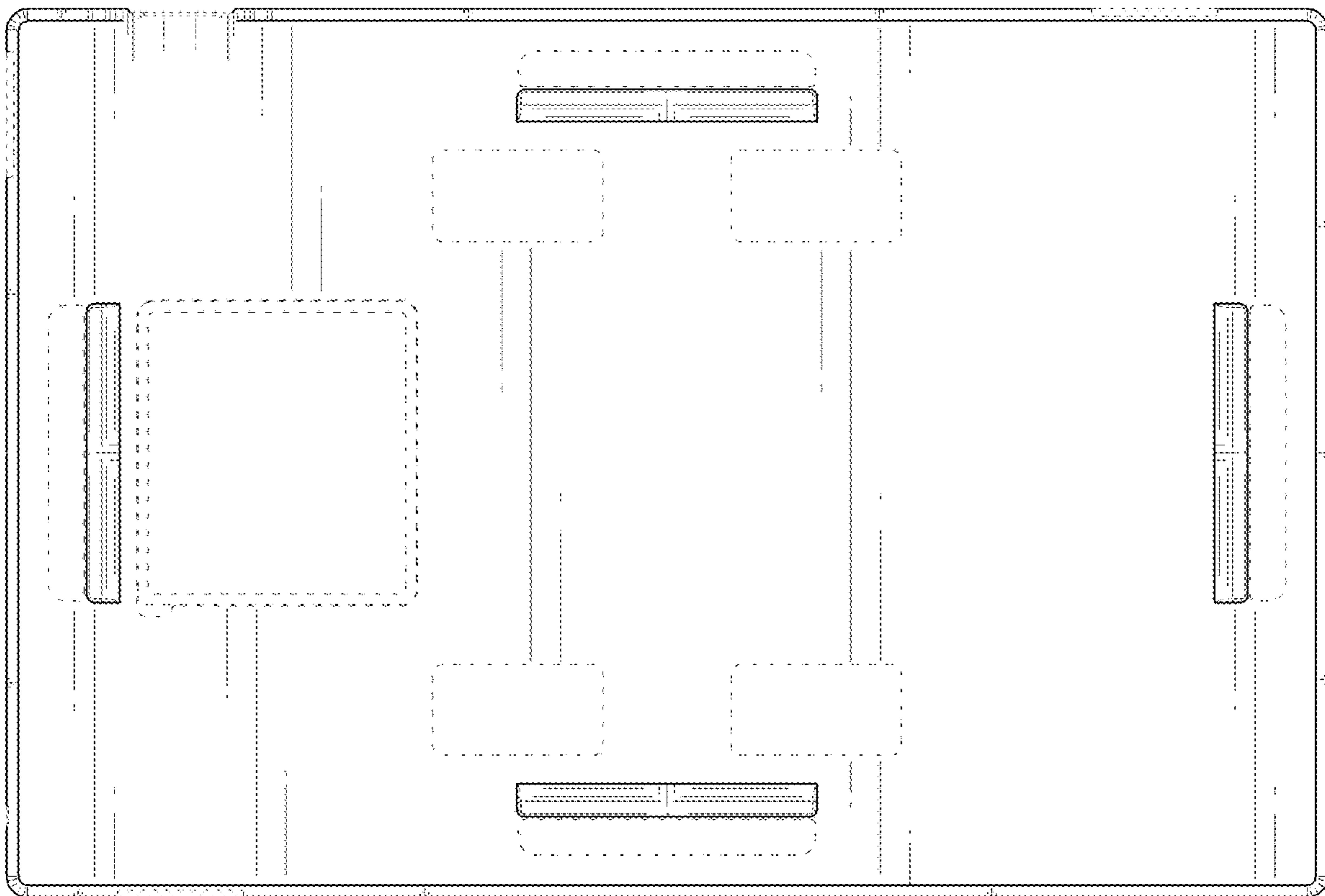


FIG. 19

