



US00D923704S

(12) **United States Design Patent** (10) **Patent No.:** **US D923,704 S**
Asano (45) **Date of Patent:** **** *Jun. 29, 2021**

(54) **AUTO DOCUMENT FEEDER**

15/0891; G03G 15/0875; G03G
2215/0827; G03G 2215/0855; G03G
21/1842

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See application file for complete search history.

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(Continued)

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Assistant Examiner — Mary Claire Ramirez

(30) **Foreign Application Priority Data**

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(74) *Attorney, Agent, or Firm* — Oliff PLC

(51) **LOC (13) Cl.** **18-02**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D18/50**; D18/49

The ornamental design for an auto document feeder, as shown and described.

(58) **Field of Classification Search**

DESCRIPTION

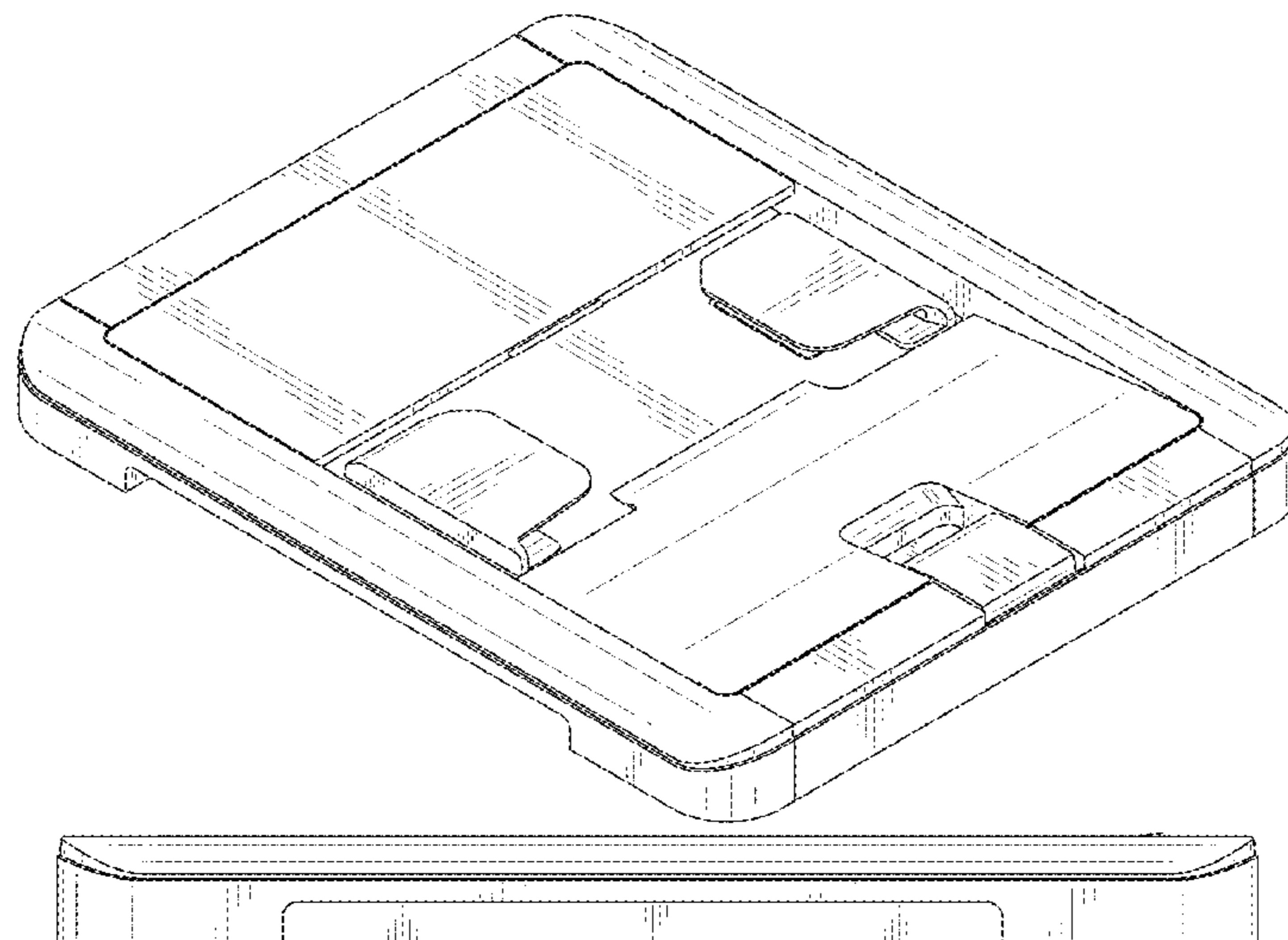
USPC D15/122, 135–138, 141, 66, 73, 76–78, D15/146, 150, 143, 89; D18/53, 59, 50, D18/14, 19, 54–57, 36–45, 34.4, 34.5, D18/34.6, 18, 51, 34.1; D14/301–303, D14/307, 345, 420–425, 462; D6/691.4, D6/675, 708, 671, 520–523, 580; D34/35, 29, 1; D7/700, 554.3, 637; D3/304, 313; D9/424; D8/313, 314, D8/301, 380, 382, 358, 354; D10/119.1; D32/19, 25, 32, 21; D4/128, 102, 122; D25/157, 160, 162, 119; D19/1, 5, 113, D19/190, 191, 104, 107, 192, 202, 99, D19/100

CPC B41J 2/14; B41J 2/01; B41J 2/22; B41J 1/54; B41J 3/4073; B41J 3/4078; B41F 17/22; B41F 17/003; B41F 17/38; B28B 1/001; B65H 5/02; G03G 15/08; G03G

FIG. 1 is a perspective view of an auto document feeder; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left-side elevational view thereof; FIG. 5 is a right-side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a perspective view of the auto document feeder shown in use.

The broken lines shown in the drawings depict portions of the auto document feeder that form no part of the claimed design. The broken lines shown in FIG. 8 depict environmental subject matter that forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



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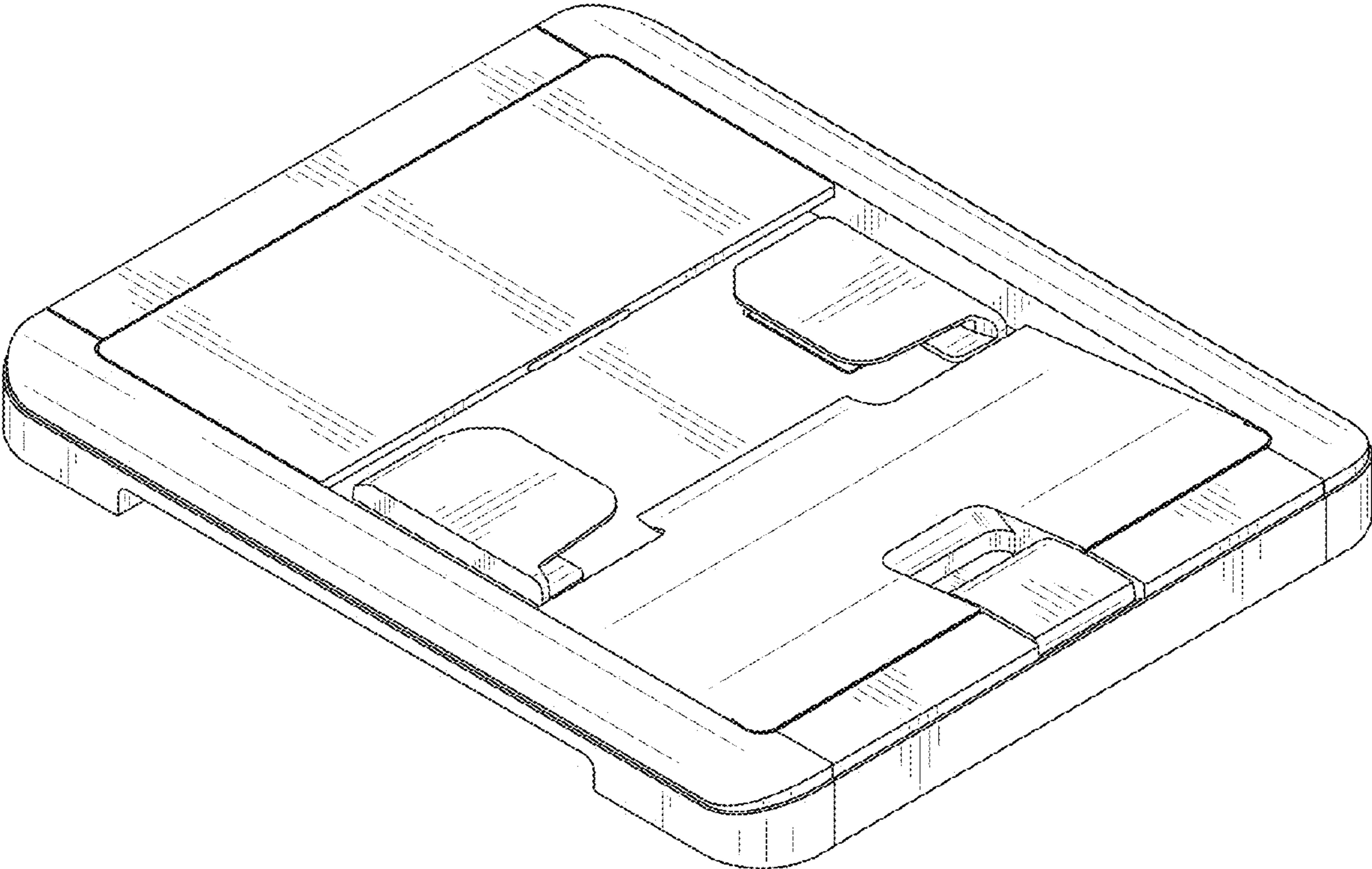


FIG. 1

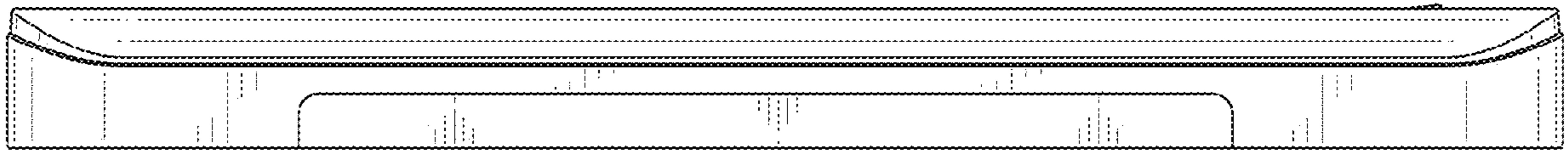


FIG. 2

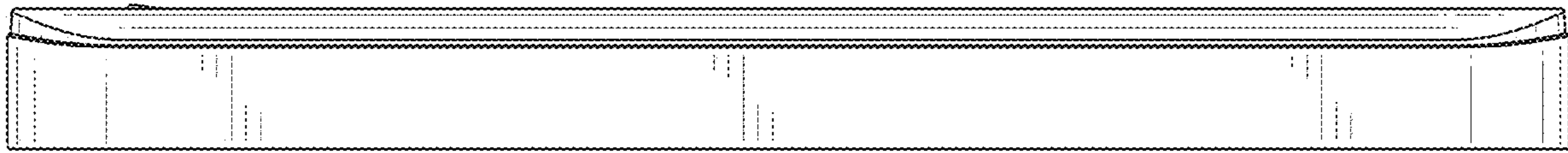


FIG. 3

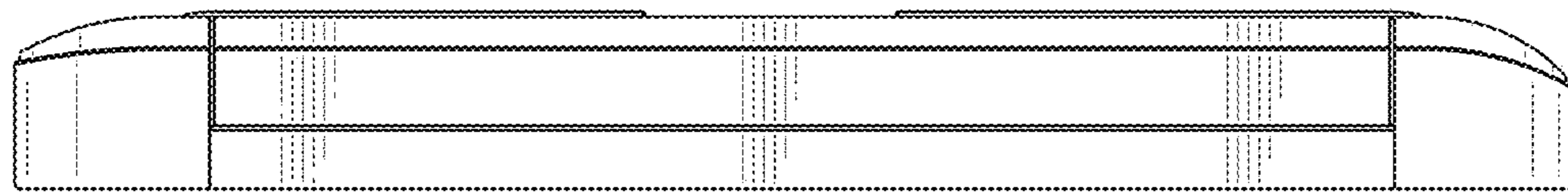


FIG. 4

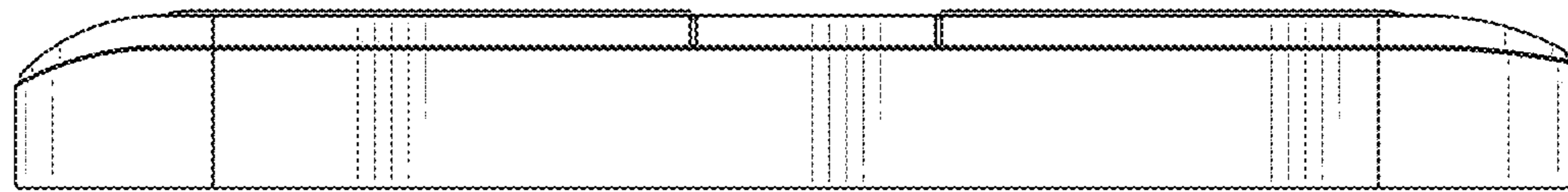


FIG. 5

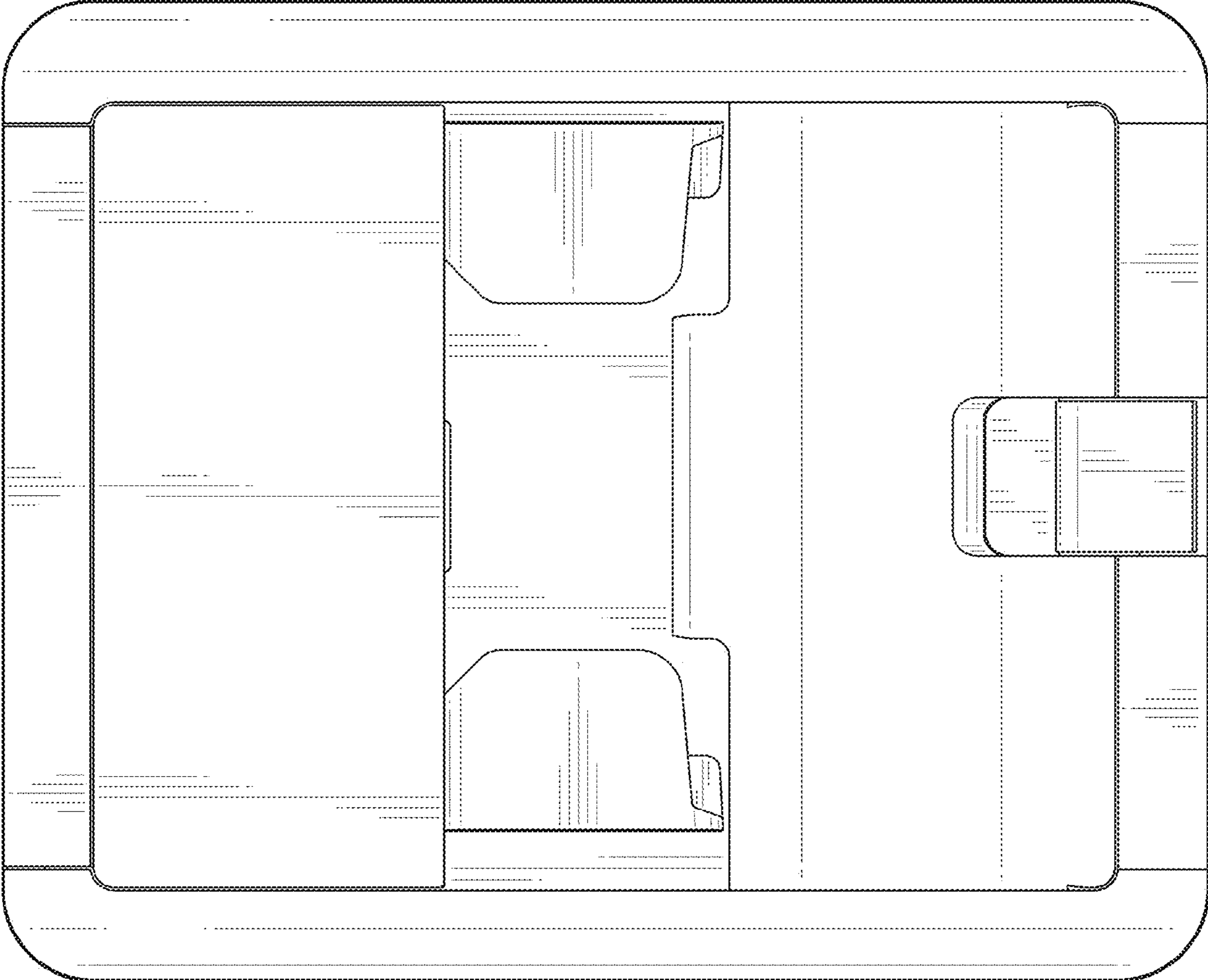


FIG. 6

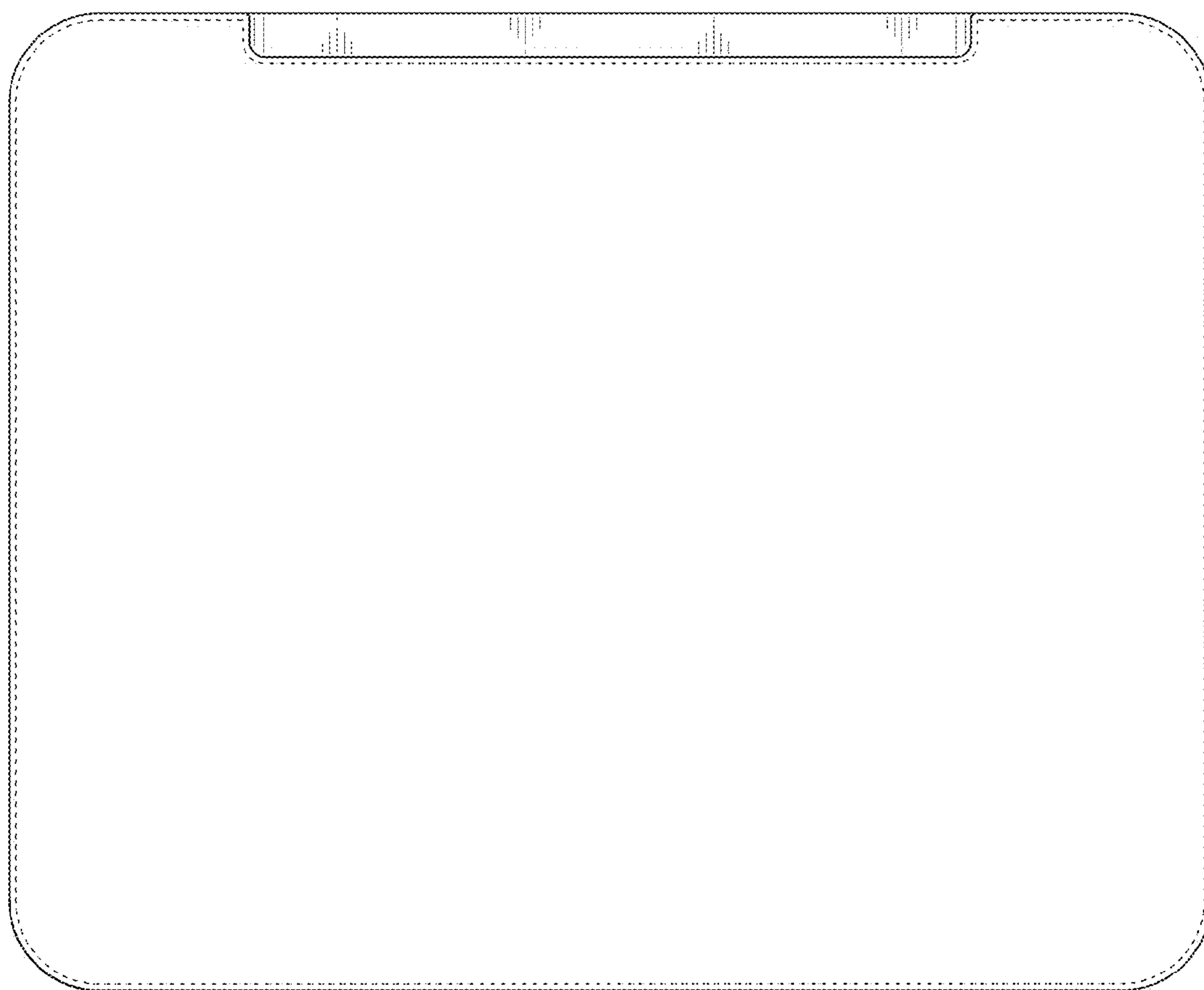


FIG. 7

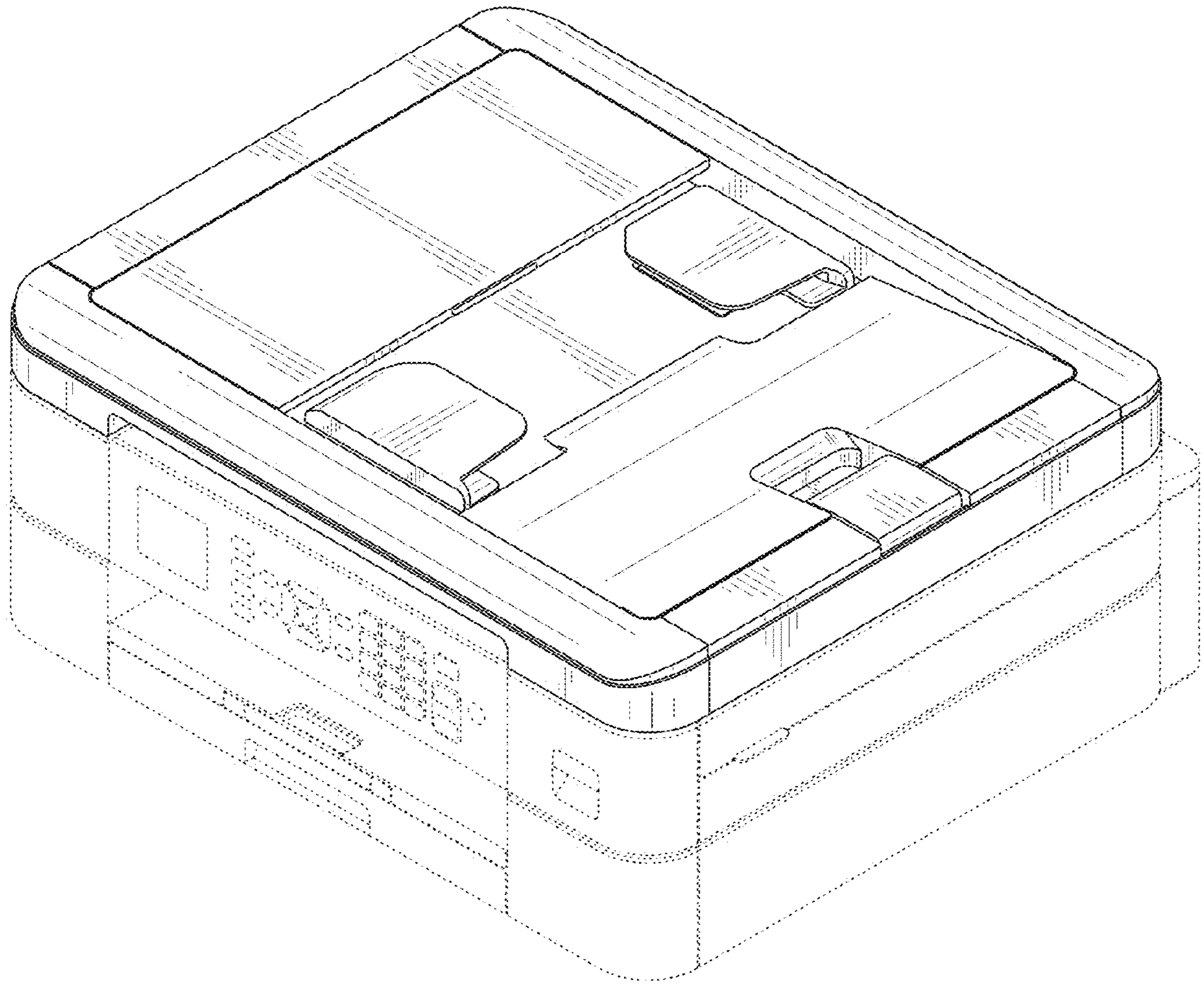


FIG. 8