US00D953414S

(12) United States Design Patent

Ishio

(10) Patent No.: US D953,414 S
(45) Date of Patent: ** May 31, 2022

(54) **DOCUMENT FEEDER FOR COPIER**

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(72) Inventor: **Hisaya Ishio**, Tokyo (JP)

(73) Assignee: **TOSHIBA TEC KABUSHIKI KAISHA**, Tokyo (JP)

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

(21) Appl. No.: **29/707,863**

(22) Filed: **Oct. 1, 2019**

(30) **Foreign Application Priority Data**

Apr. 2, 2019 (JP) 2019-007215

(51) **LOC (13) Cl.** **18-99**

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

(58) **Field of Classification Search**
USPC D15/122, 135–138, 141, 66, 73, 76–78; D18/53, 59, 50, 14, 19, 54–57, 36–45,
(Continued)

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(Continued)

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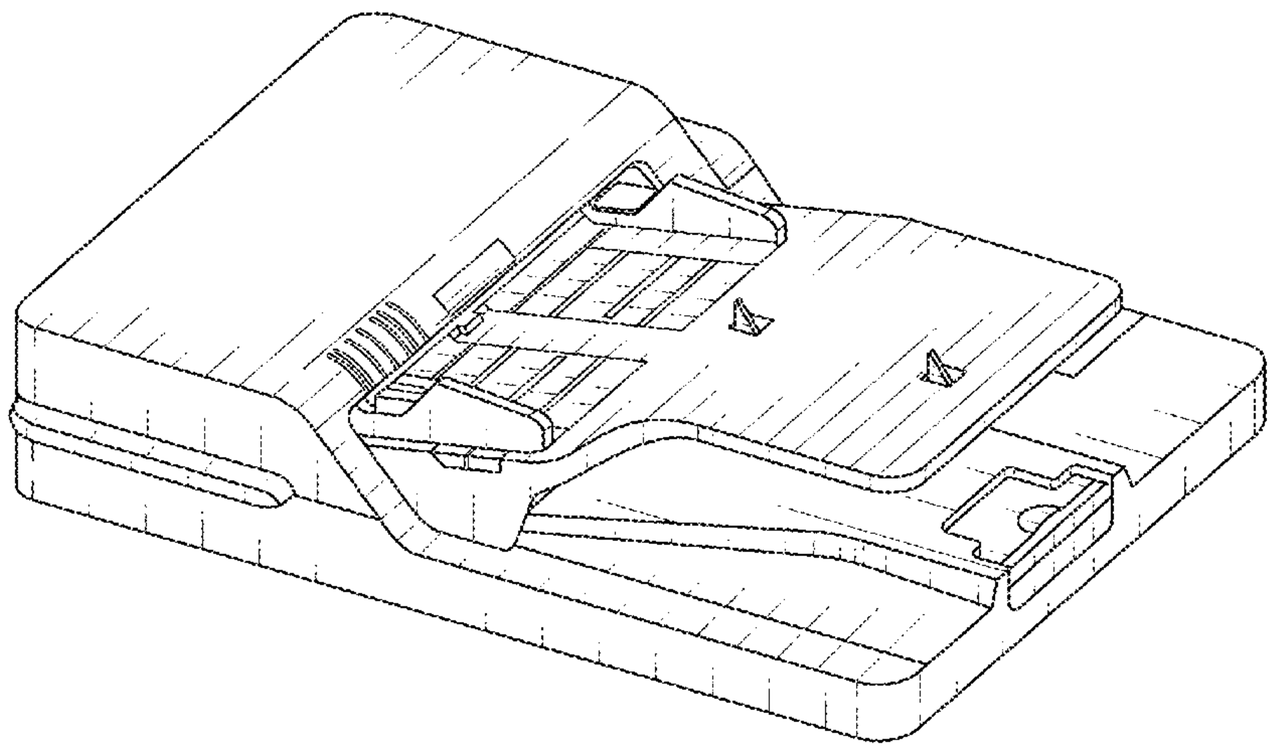
(57) **CLAIM**

I claim the ornamental design for a document feeder for copier, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a document feeder for copier showing the new design in a first embodiment;
FIG. **2** is a front view of the document feeder for copier of FIG. **1**;
FIG. **3** is a rear view of the document feeder for copier of FIG. **1**;
FIG. **4** is a top view of the document feeder for copier of FIG. **1**;
FIG. **5** is a bottom view of the document feeder for copier of FIG. **1**;
FIG. **6** is a right side view of the document feeder for copier of FIG. **1**;
FIG. **7** is a left side view of the document feeder for copier of FIG. **1**;
FIG. **8** is a front perspective view of a document feeder for copier in a second embodiment;
FIG. **9** is a front view of the document feeder for copier of FIG. **8**;
FIG. **10** is a rear view of the document feeder for copier of FIG. **8**;
FIG. **11** is a top view of the document feeder for copier of FIG. **8**;
FIG. **12** is a bottom view of the document feeder for copier of FIG. **8**;
FIG. **13** is a right side view of the document feeder for copier of FIG. **8**; and,
FIG. **14** is a left side view of the document feeder for copier of FIG. **8**.

(Continued)



The broken lines in the drawings depict portions of the document feeder for copier that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(58) **Field of Classification Search**
USPC D18/34.4, 34.5, 34.6, 18, 51, 12, 46–49; D14/301–303, 307, 345, 420–425, 462; D6/691.4, 675, 708; D13/107, 108
CPC B41J 2/14; B41J 1/54; B41J 3/4073; B41J 3/4078; B41F 17/22; B41F 17/003; B41F 17/38; B28B 1/001; G03G 15/08; G03G 15/0891; G03G 15/0875; G03G 2215/0827; G03G 2215/0855; G03G 21/1842
See application file for complete search history.

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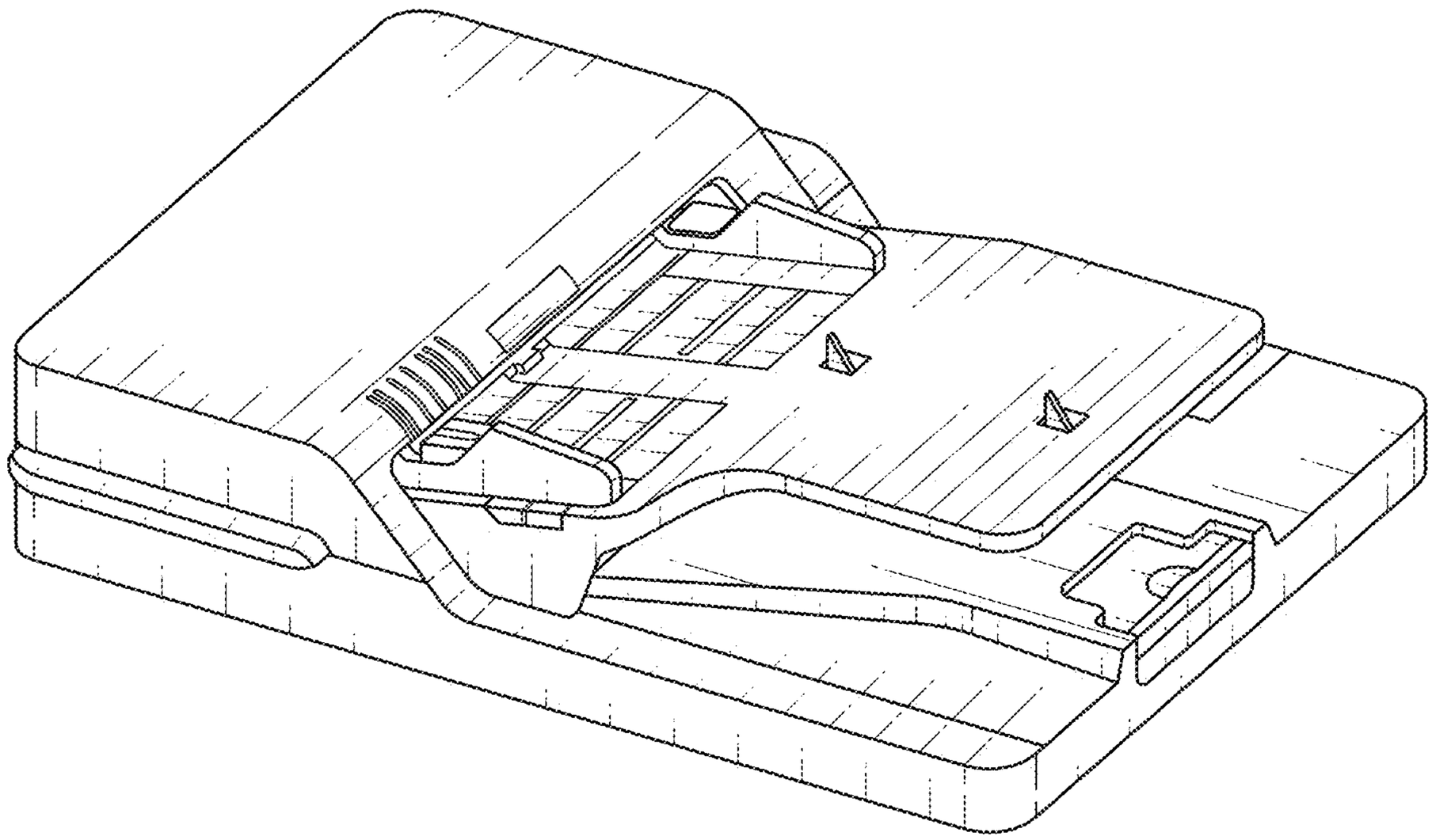


FIG. 1

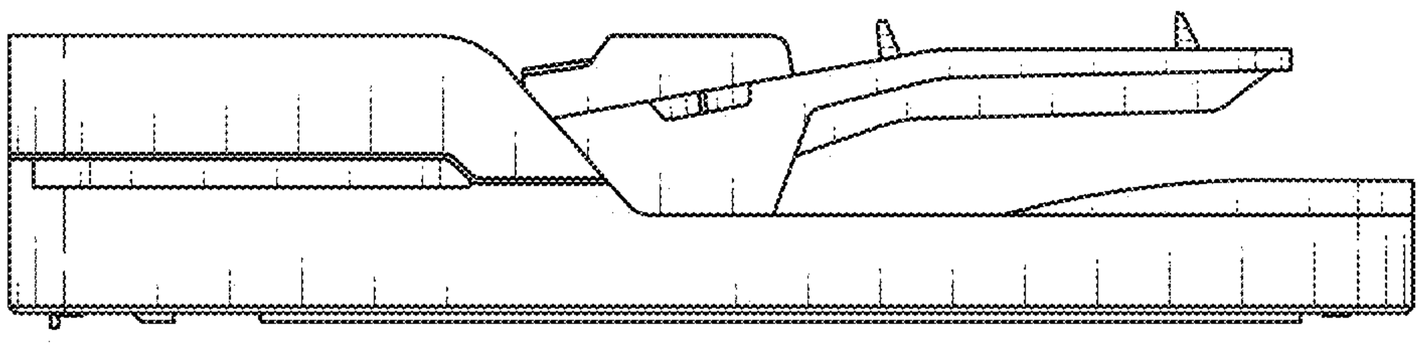
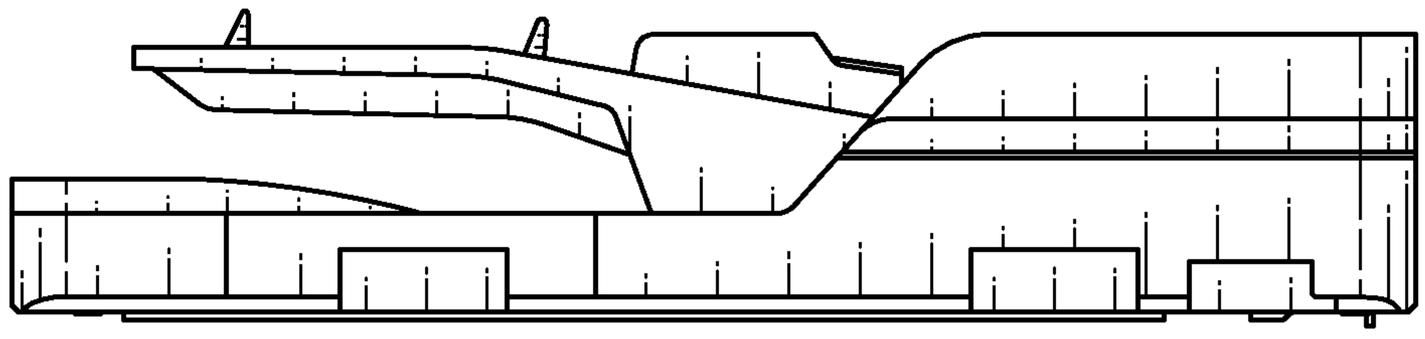


FIG. 2



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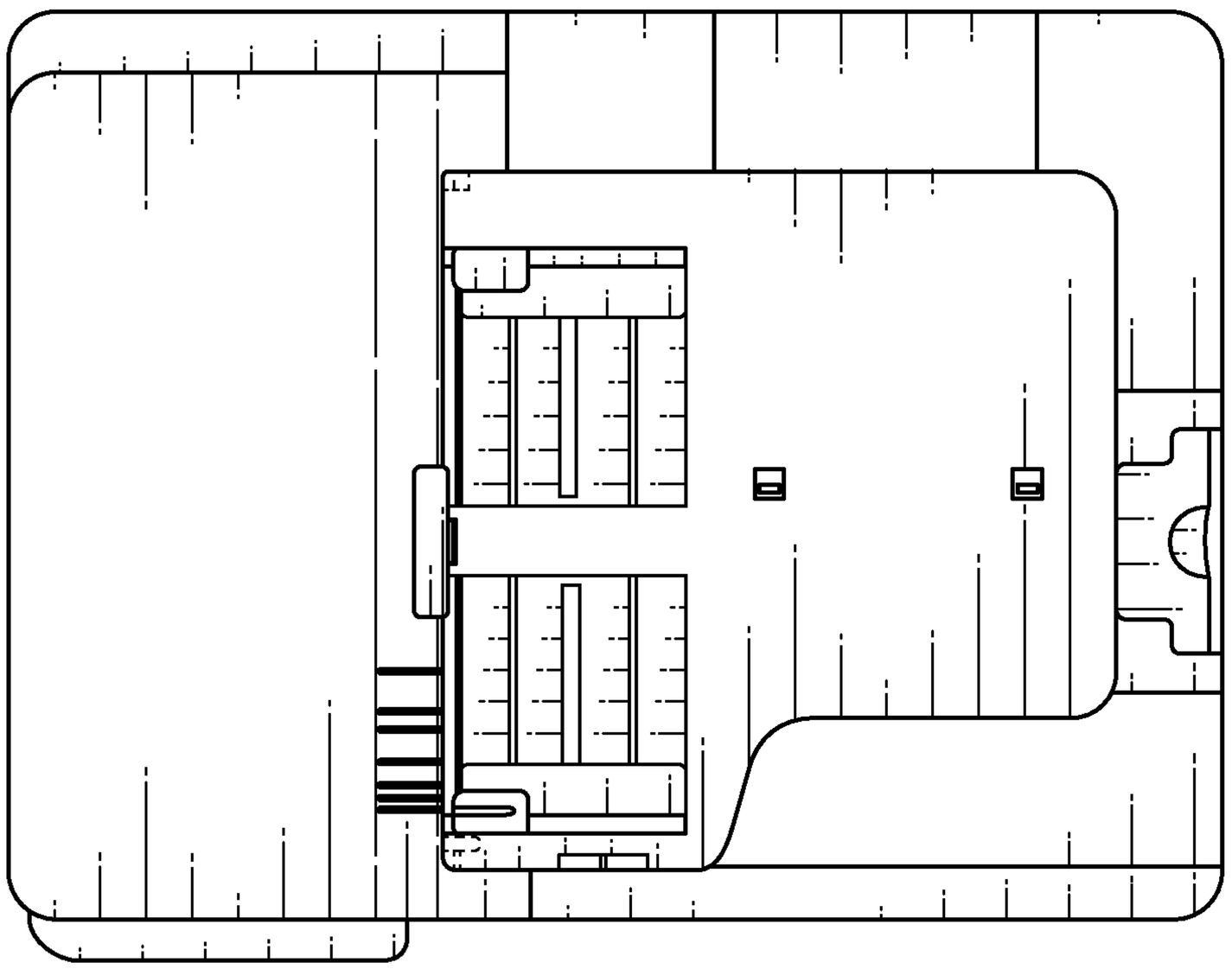


FIG. 4

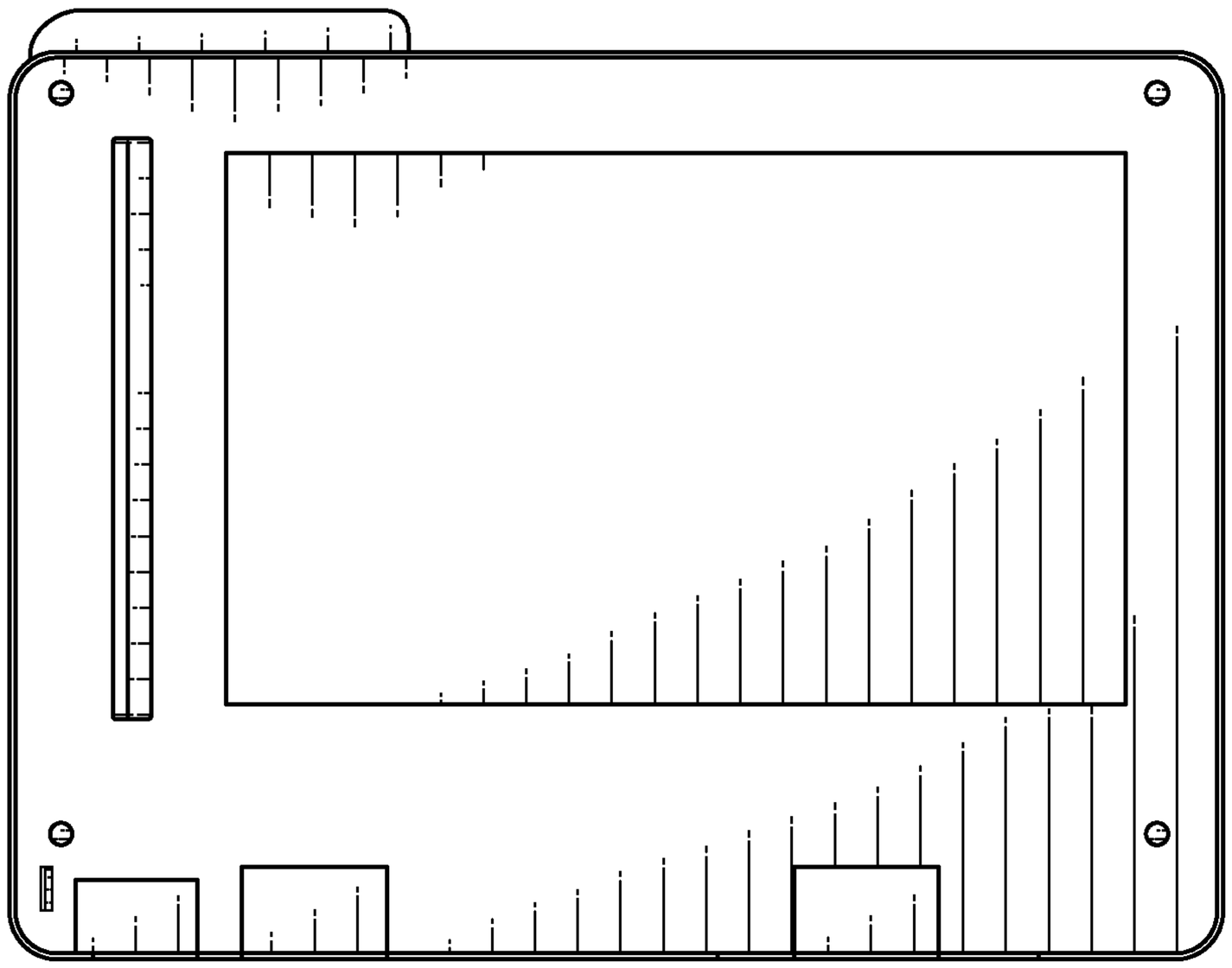


FIG. 5

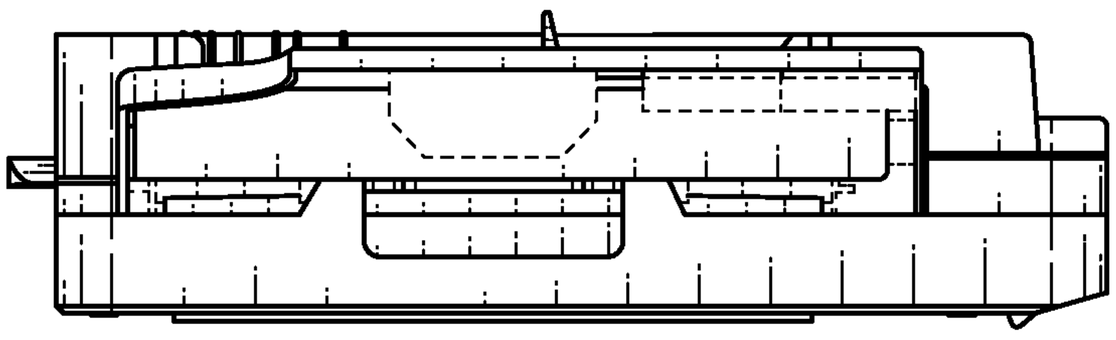


FIG. 6

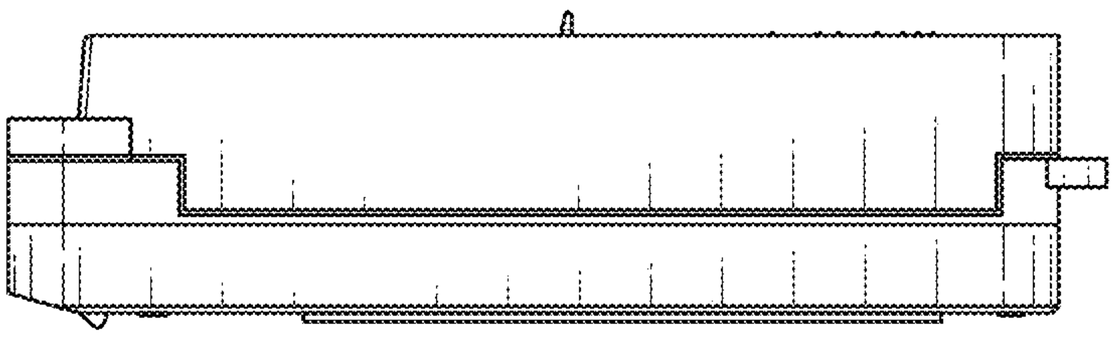


FIG. 7

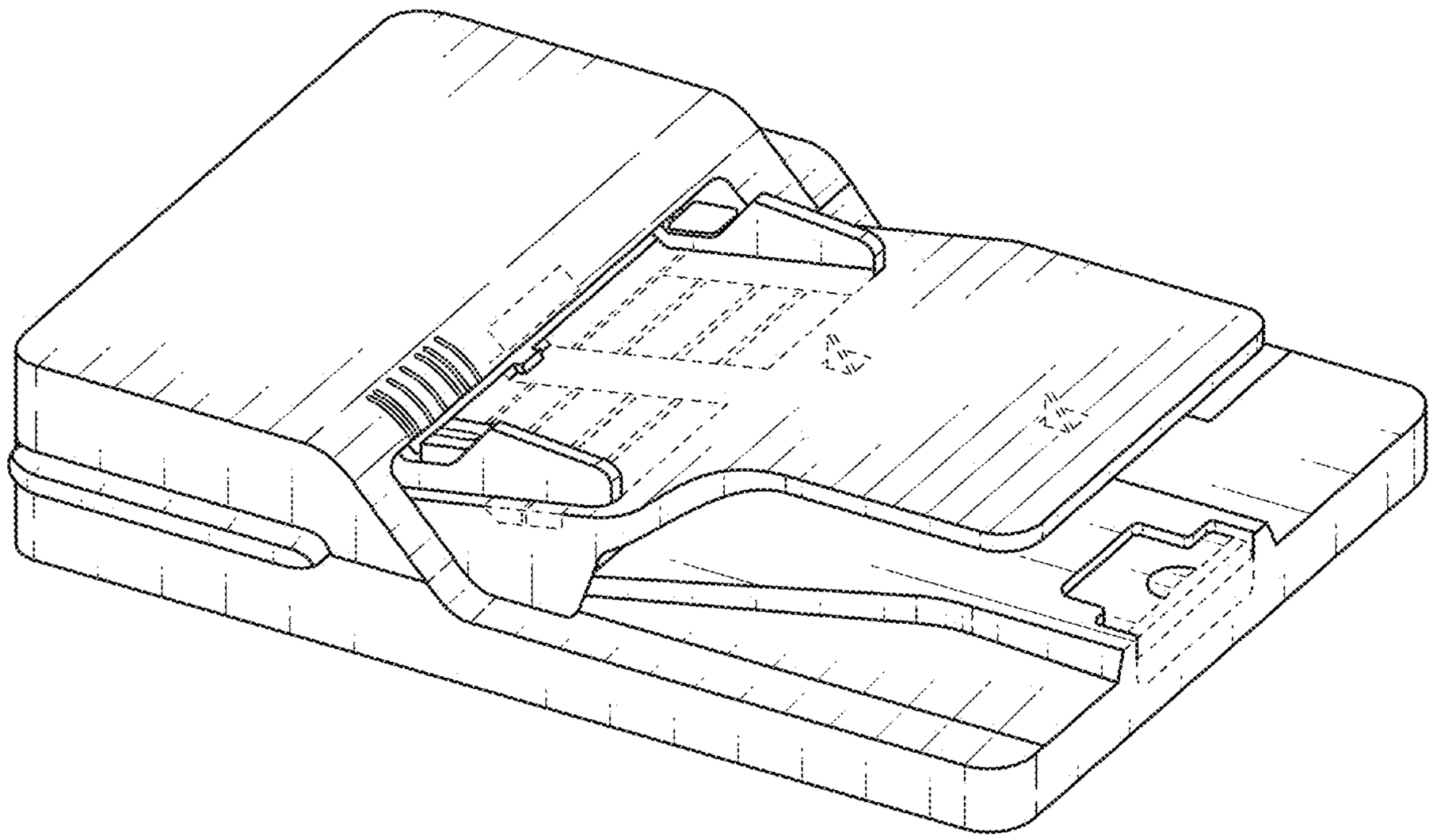


FIG. 8

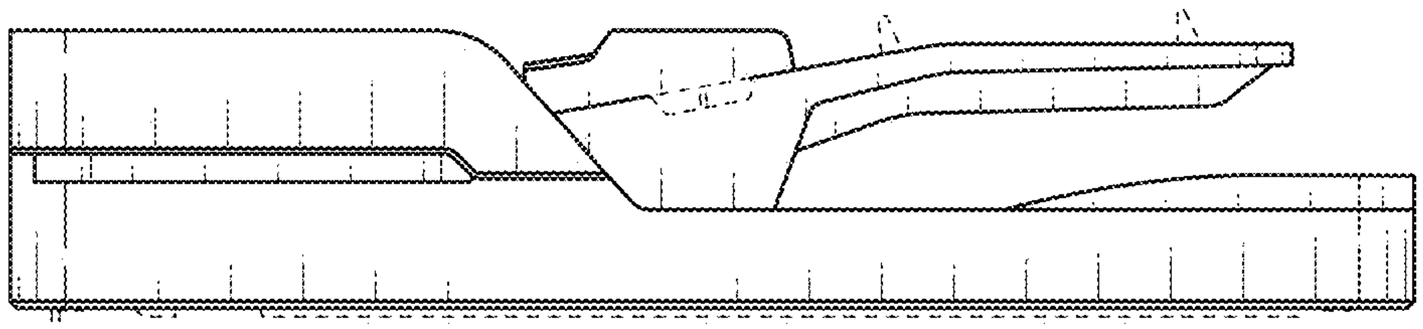


FIG. 9

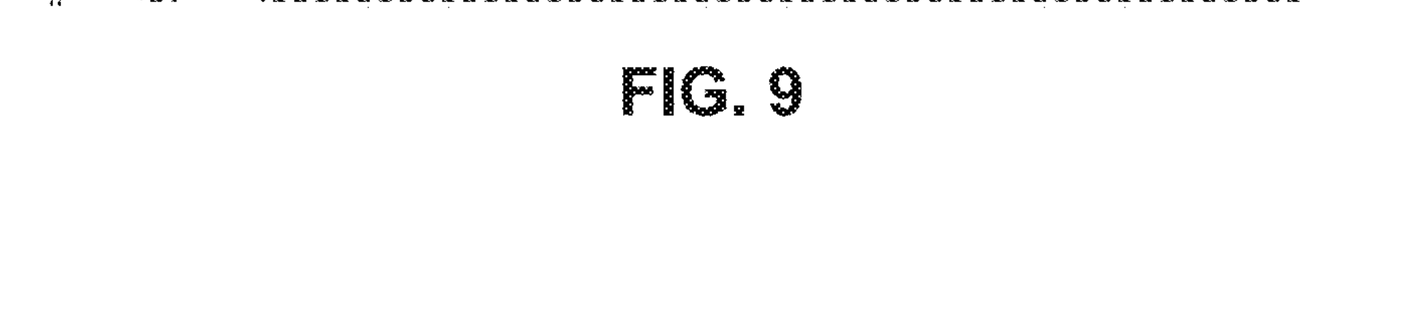
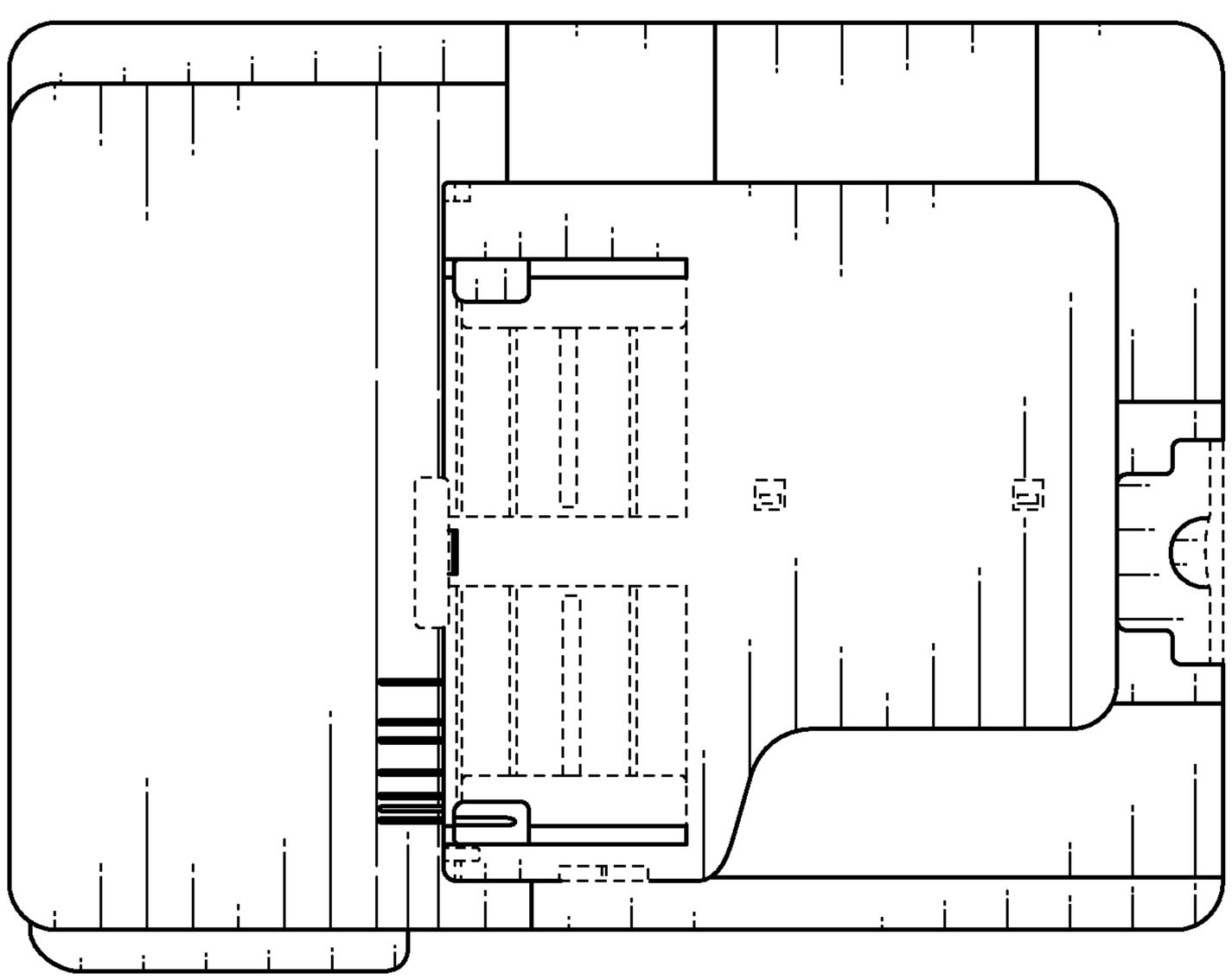


FIG. 10



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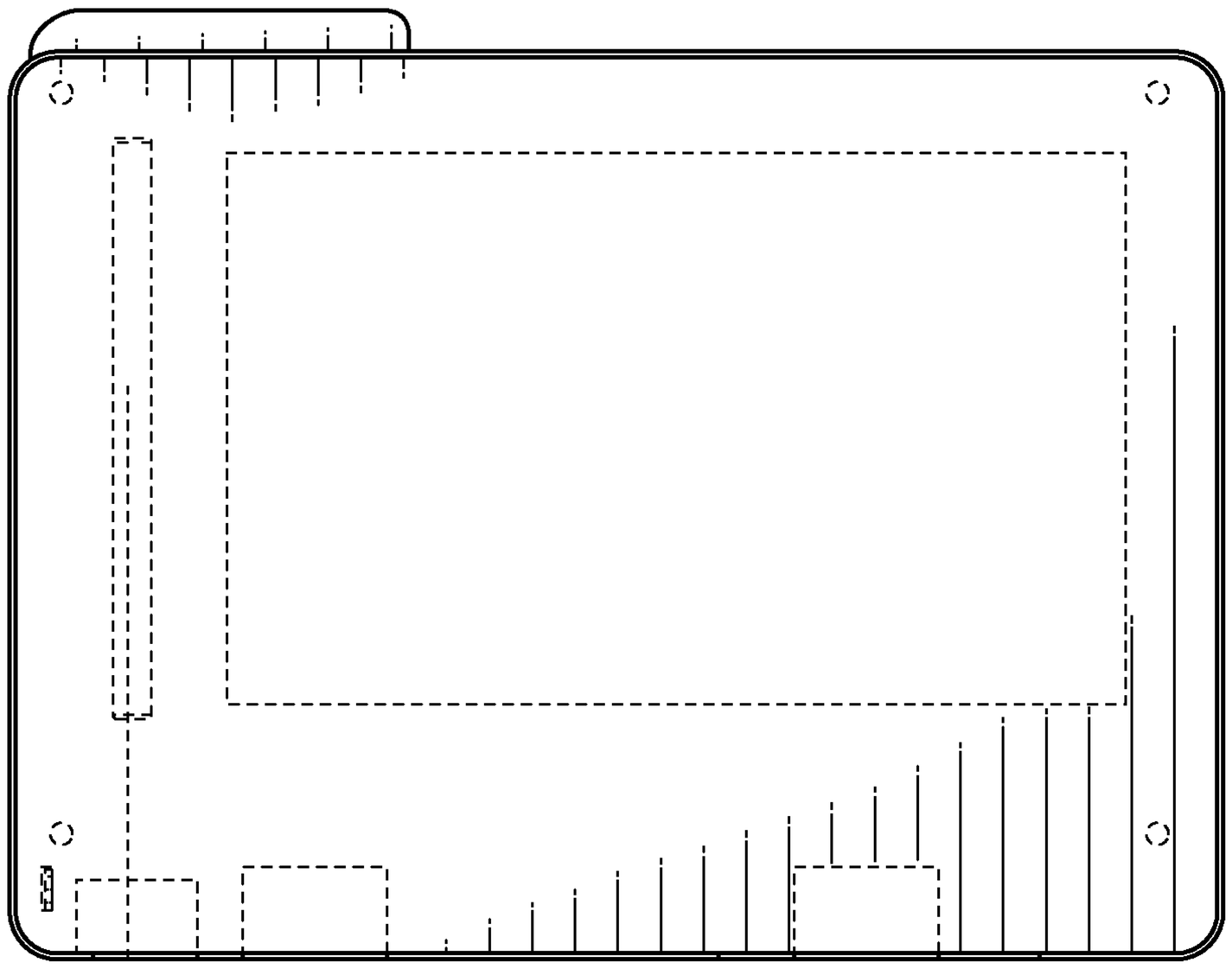

FIG. 12

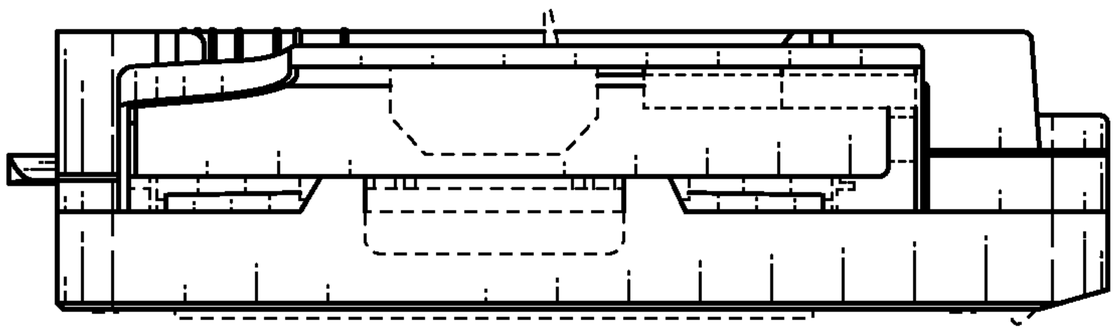

FIG. 13

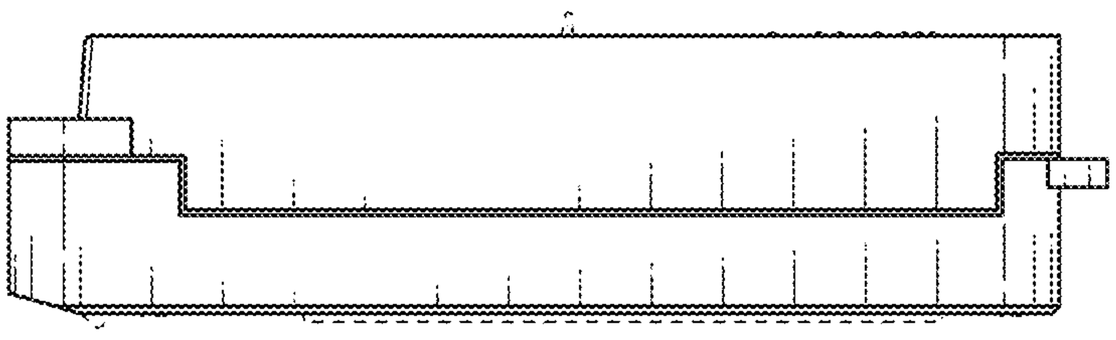

FIG. 14