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(12) **United States Design Patent** (10) **Patent No.:** **US D963,586 S**
Kobayashi et al. (45) **Date of Patent:** **** Sep. 13, 2022**

(54) **INDUSTRIAL AUTOMATION GATEWAY**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

(72) Inventors: **Ryosuke Kobayashi**, Kusatsu (JP);
Heita Nada, Ritto (JP); **Naoki Shimada**, Kusatsu (JP)

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(73) Assignee: **OMRON Corporation**, Kyoto (JP)

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

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(21) Appl. No.: **29/727,099**

Primary Examiner — Derrick E Holland

(22) Filed: **Mar. 9, 2020**

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(30) **Foreign Application Priority Data**

(57) **CLAIM**

Oct. 4, 2019 (JP) 2019-022350

The ornamental design for an industrial automation gateway, as shown and described.

(51) **LOC (13) Cl.** **13-03**

DESCRIPTION

(52) **U.S. Cl.**

USPC **D13/147**

(58) **Field of Classification Search**

USPC D13/101, 110, 118, 119, 120, 123, 133,
D13/137.1, 138.1, 138.2, 146, 147, 151,
D13/162.1, 184, 199; D14/356, 357, 358,
D14/432, 433, 434

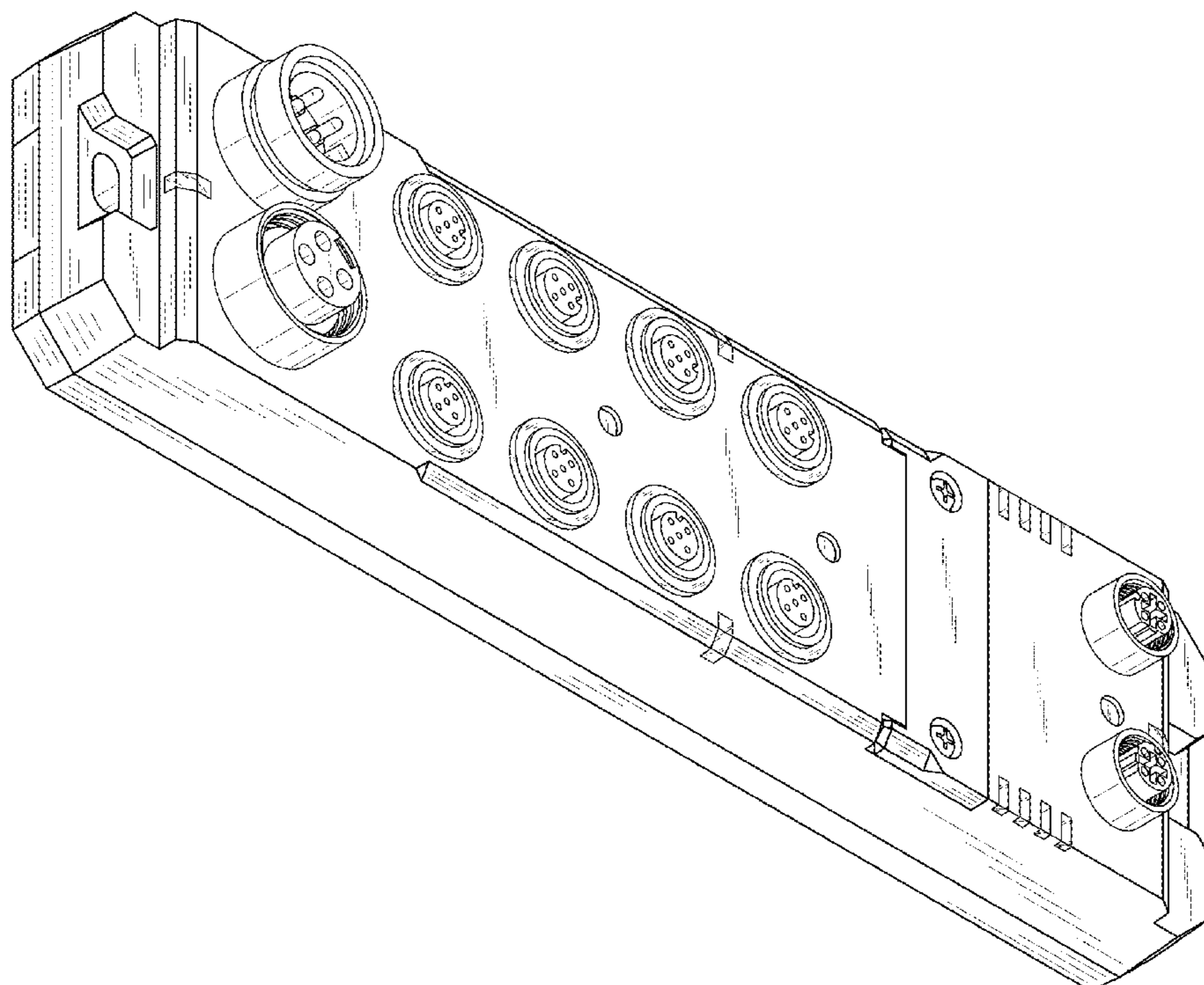
CPC H01R 13/52; H01R 13/56; H01R 13/405;
H01R 13/5202; H01R 13/5227; H01R
13/6272; H02J 7/00; H02J 7/0045; H02J
7/0052; Y02T 90/14; Y02T 10/7072;
B60L 11/182; B60L 11/1818; G02B 6/38;
G02B 6/4416

FIG. 1 is a front, bottom, and left side perspective view of an industrial automation gateway showing our 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; and, FIG. 7 is a bottom view thereof.

The dashed broken lines in FIG. 3 show portions of the industrial automation gateway that form no part of the claimed design.

See application file for complete search history.

1 Claim, 5 Drawing Sheets



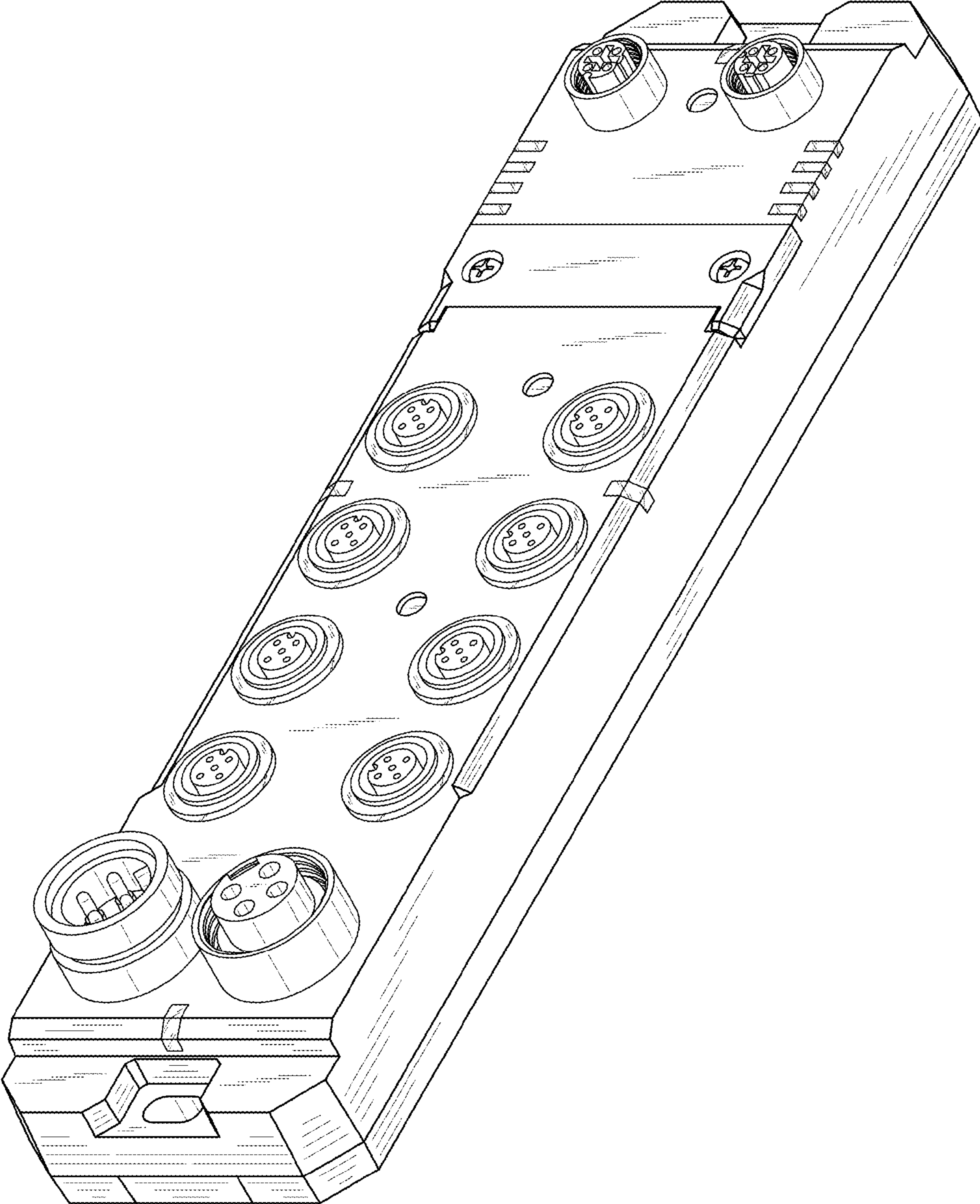


Fig. 1

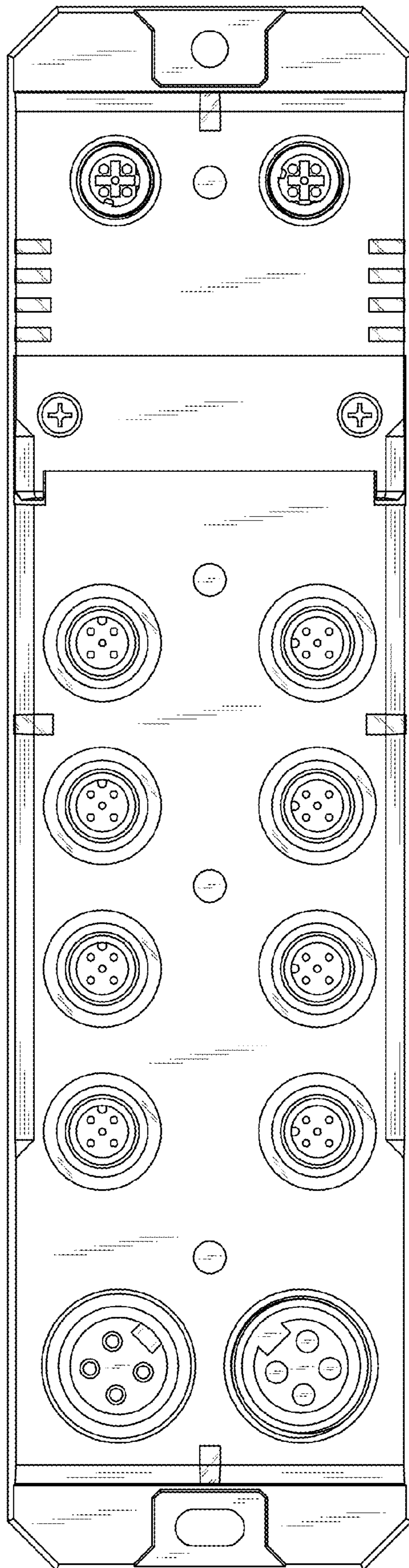


Fig. 2

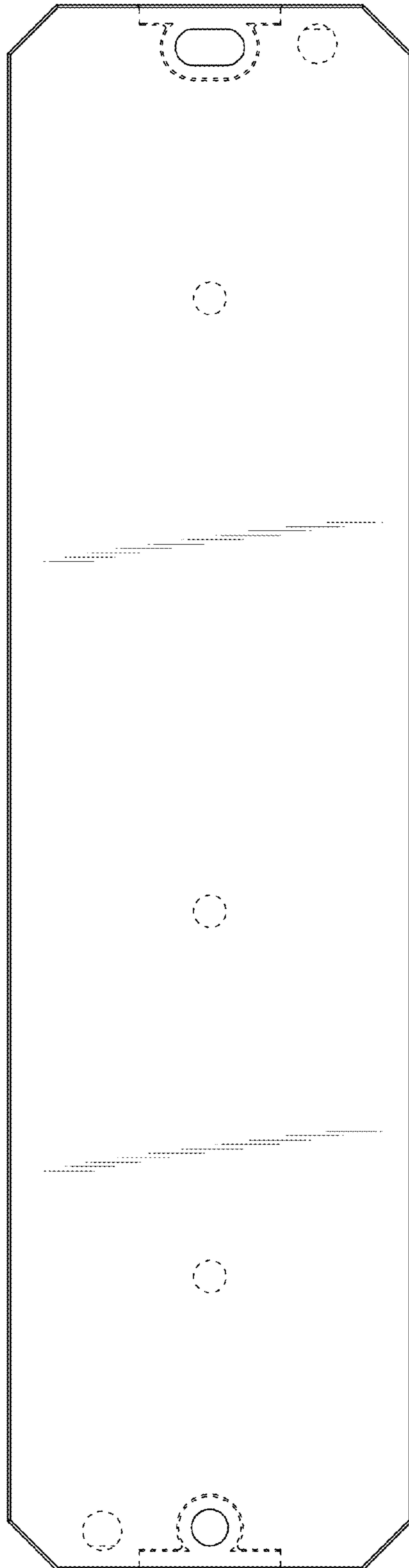


Fig. 3

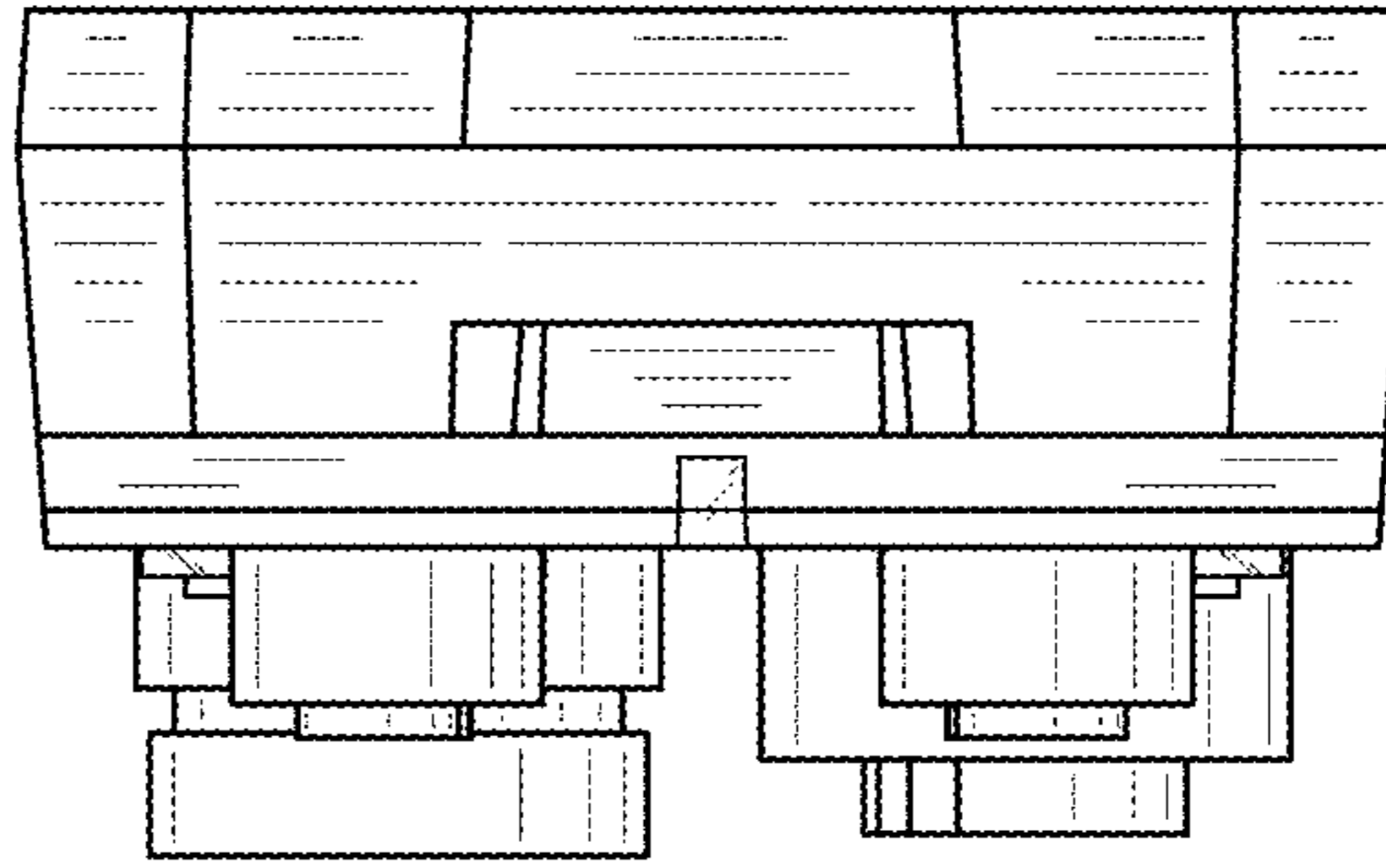


Fig. 5

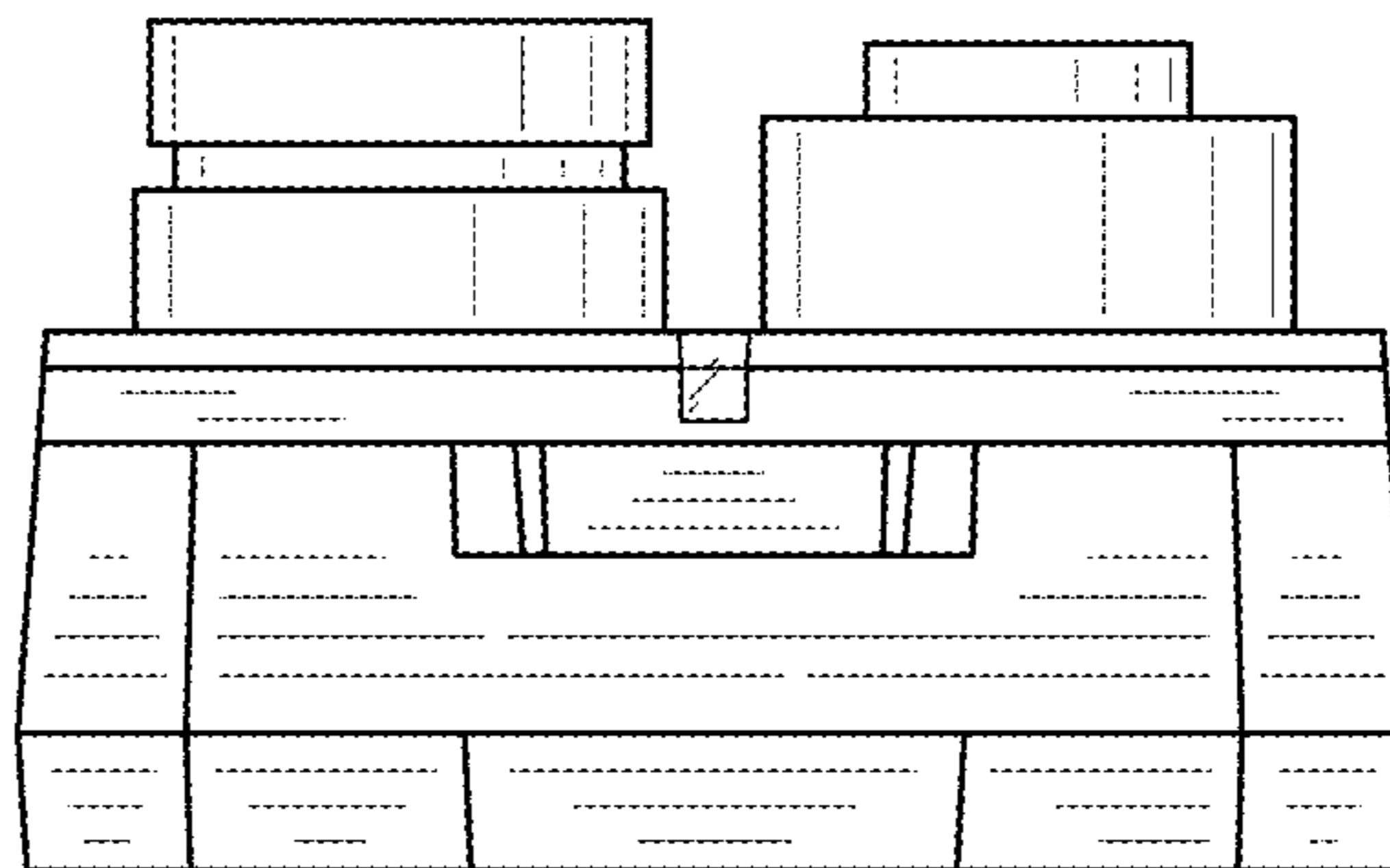


Fig. 4

Fig. 6

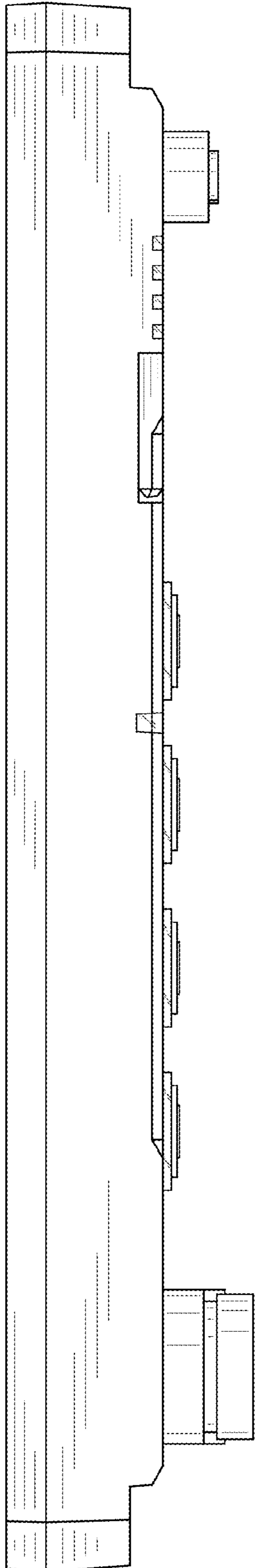


Fig. 7

