



US0D1026694S

(12)

United States Design Patent

Short et al.

(10) Patent No.: US D1,026,694 S

(45) Date of Patent: ** May 14, 2024

(54) CONFIGURABLE TEST INSTRUMENT FOR POWER EQUIPMENT

FOREIGN PATENT DOCUMENTS

(71) Applicant: Doble Engineering Company,
Marlborough, MA (US)

CN 212412810 U 1/2021
DE 202013000118 U1 2/2013

(72) Inventors: Scott Lee Short, Marlborough, MA (US); Narendra Nagaraj, Marlborough, MA (US); Fernando D. Gonzalez Tristan, Watertown, MA (US); Kevin M. Sullivan, Waltham, MA (US); Christopher R. Hamilton, Arlington, MA (US)

OTHER PUBLICATIONS

European Search Report and Written Opinion, dated Sep. 5, 2022, pp. 1-8, issued in European Application No. EP 22 16 5706, European Patent Office, Munich, Germany.

(Continued)

(73) Assignee: Doble Engineering Company,
Watertown, MA (US)

Primary Examiner — Antoine Duval Davis
(74) Attorney, Agent, or Firm — Harness, Dickey & Pierce, P.L.C.; Anthony G. Fussner

(**) Term: 15 Years

(57) CLAIM

(21) Appl. No.: 29/868,824

We claim the ornamental design for a configurable test instrument for power equipment, as shown and described.

(22) Filed: Dec. 14, 2022

Related U.S. Application Data

(62) Division of application No. 29/777,316, filed on Apr. 5, 2021, now Pat. No. Des. 978,686.

DESCRIPTION

(51) LOC (14) Cl. 10-04

(52) U.S. Cl. D10/75; D13/123

(58) Field of Classification Search
USPC D10/49, 75, 76; D13/123, 158, 184
CPC G06Q 10/00; G01R 1/00; G01R 1/025; G01R 1/0441; G01R 31/1227; G01R 31/2827; G01R 31/327; G01R 31/62; G01R 31/14; G01R 31/2603; G01R 25/00; G01R

FIG. 1 is a top perspective view of an embodiment of a configurable test instrument for power equipment.

FIG. 2 is a front elevation view of an embodiment of the configurable test instrument for power equipment illustrated in FIG. 1.

FIG. 3 is a rear elevation view of the embodiments of FIGS. 1 and 2.

FIG. 4 is a left side elevation view of the embodiments of FIGS. 1 and 2, the right side elevation view being a mirror image.

FIG. 5 is a top plan view of the embodiments of FIGS. 1 and 2; and,

FIG. 6 is a bottom plan view of the embodiments of FIGS. 1 and 2.

The broken lines represent portions of the configurable test instrument for power equipment and form no part of the claimed design.

(Continued)

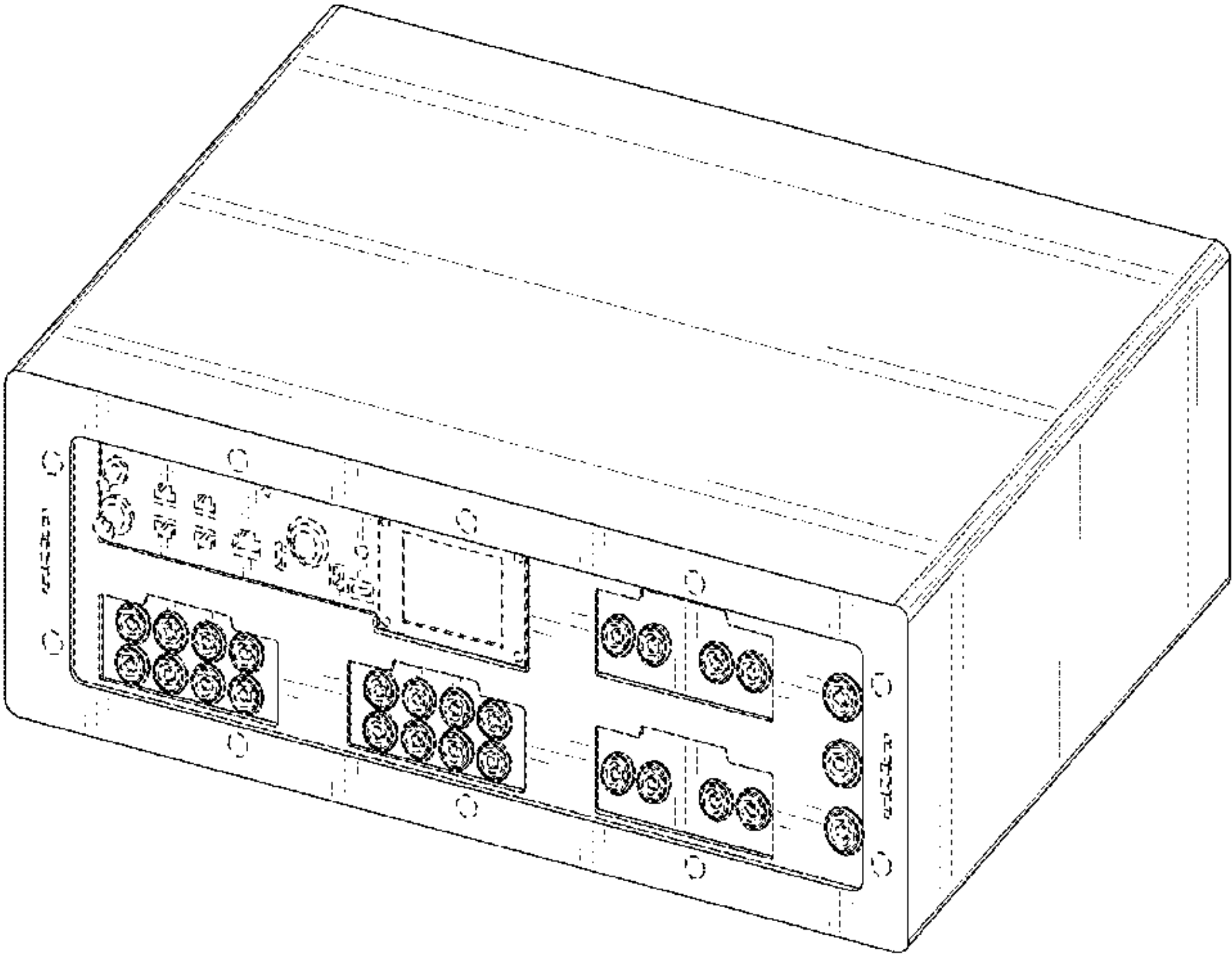
(56) References Cited

U.S. PATENT DOCUMENTS

D282,351 S 1/1986 Nord et al.
D343,799 S 2/1994 Spinks et al.

(Continued)

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**
CPC 29/26; G01R 31/12; G06F 11/2268; G06F
11/2236; G06F 11/006; G06F 11/2635;
G06F 11/2294; H01R 13/17; H01R
13/73; H01R 13/52; H01R 15/013; H02J
7/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D343,800 S 2/1994 Spinks et al.
D360,150 S 7/1995 Glitzke
D362,845 S 10/1995 Ito et al.
D377,319 S 1/1997 Amano et al.
6,385,739 B1 5/2002 Barton et al.
D573,047 S 7/2008 Chen et al.
D573,048 S 7/2008 Chen et al.
D573,049 S 7/2008 Chen et al.
D573,050 S 7/2008 Chen et al.
D881,038 S 4/2020 Furukawa

D937,235 S * 11/2021 Xiang D13/133
D951,109 S * 5/2022 Wilson D10/46
D961,411 S * 8/2022 Dei D10/49
D962,086 S * 8/2022 Dei D10/49
D962,441 S 8/2022 Ooshima et al.
D965,449 S * 10/2022 Wilson D10/46
D968,236 S * 11/2022 Wilson D10/46
D978,686 S * 2/2023 Short D10/49
11,609,260 B2 * 3/2023 Okura H01M 10/48
D991,055 S * 7/2023 Wilson D10/76
D1,000,968 S * 10/2023 Wilson D10/76
2009/0248358 A1 10/2009 Safa
2013/0320959 A1 12/2013 Mikata et al.
2022/0317150 A1 10/2022 Short et al.

OTHER PUBLICATIONS

Product Flyer, PXI Express Chassis, Dated Dec. 10, 2019, pp. 1-16,
National Instruments, available at URL [https://www.ni.com/pdf/
product-flyers/pxi-express-chassis.pdf](https://www.ni.com/pdf/product-flyers/pxi-express-chassis.pdf).

* cited by examiner

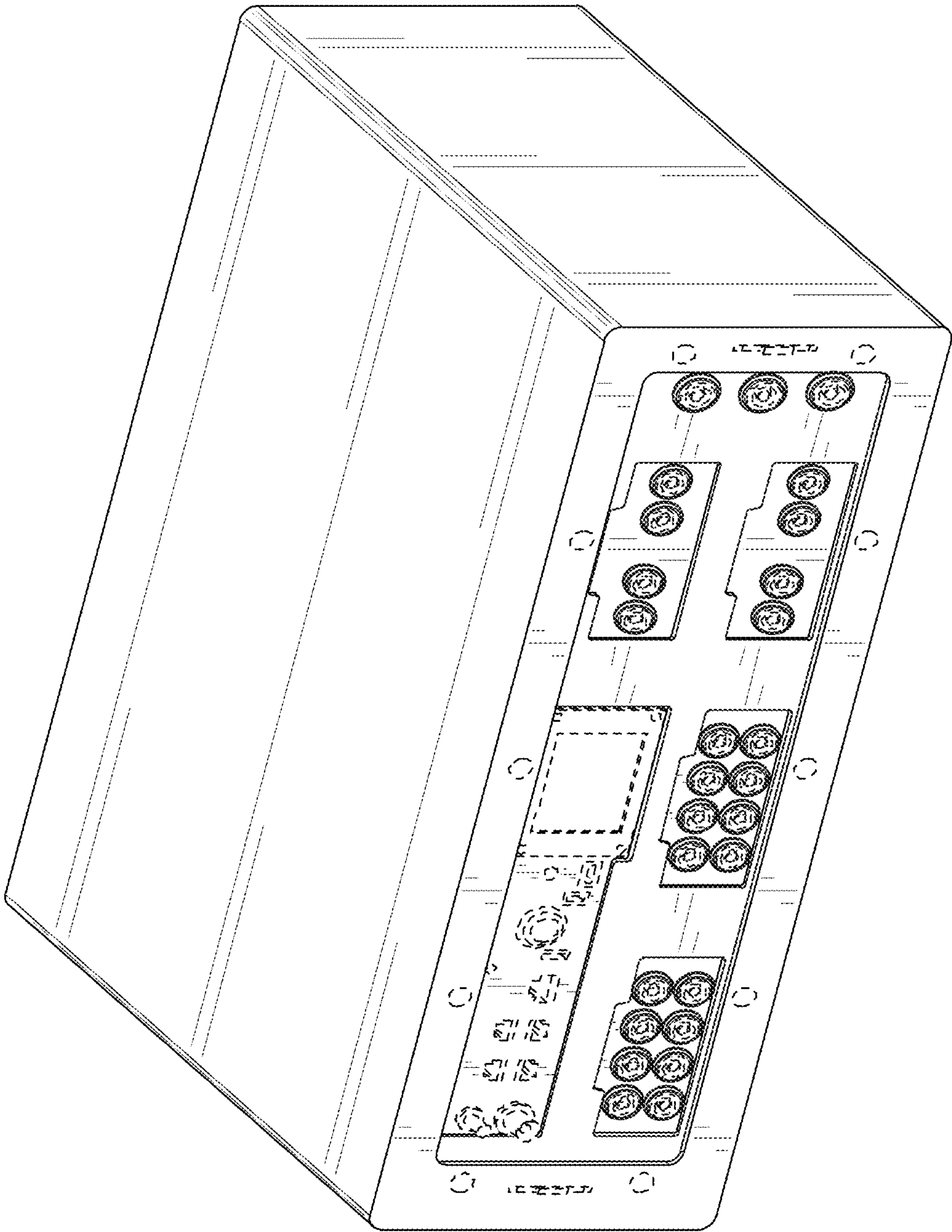


FIG. 1

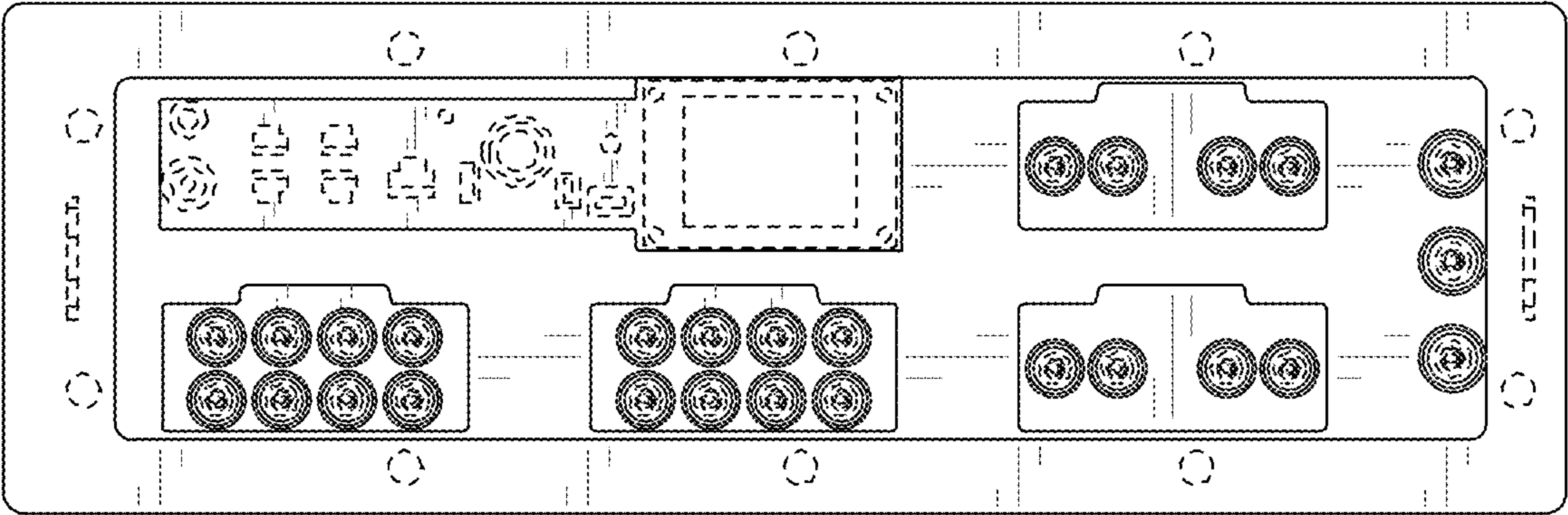


FIG. 2

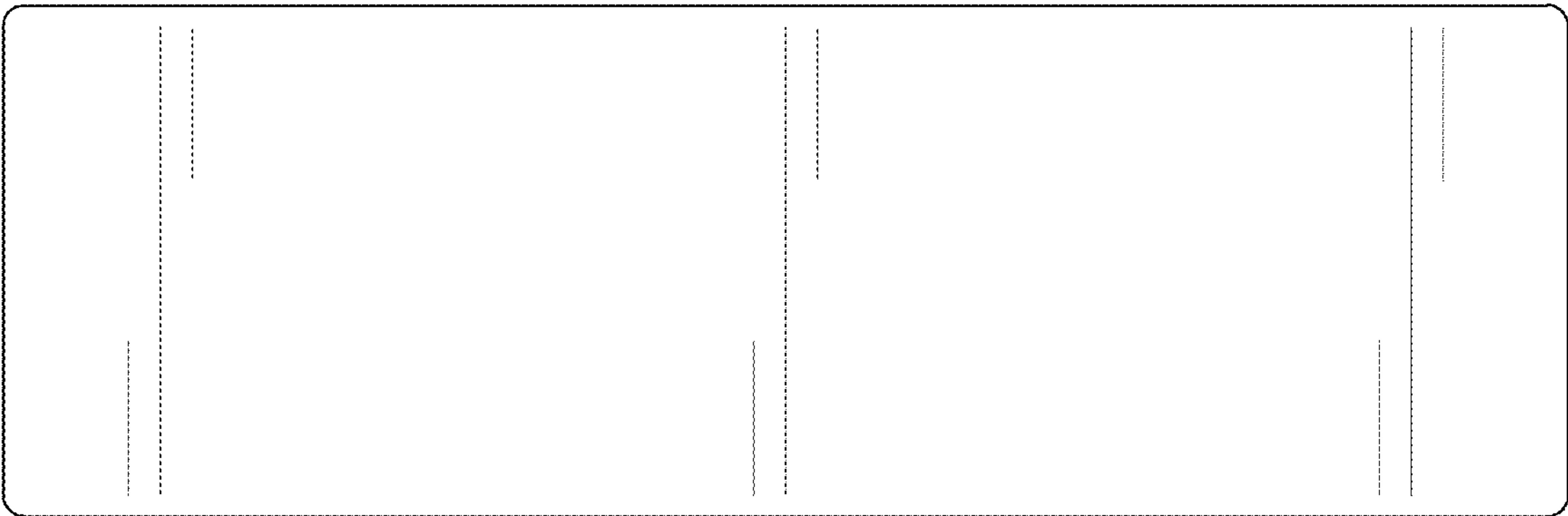


FIG. 3

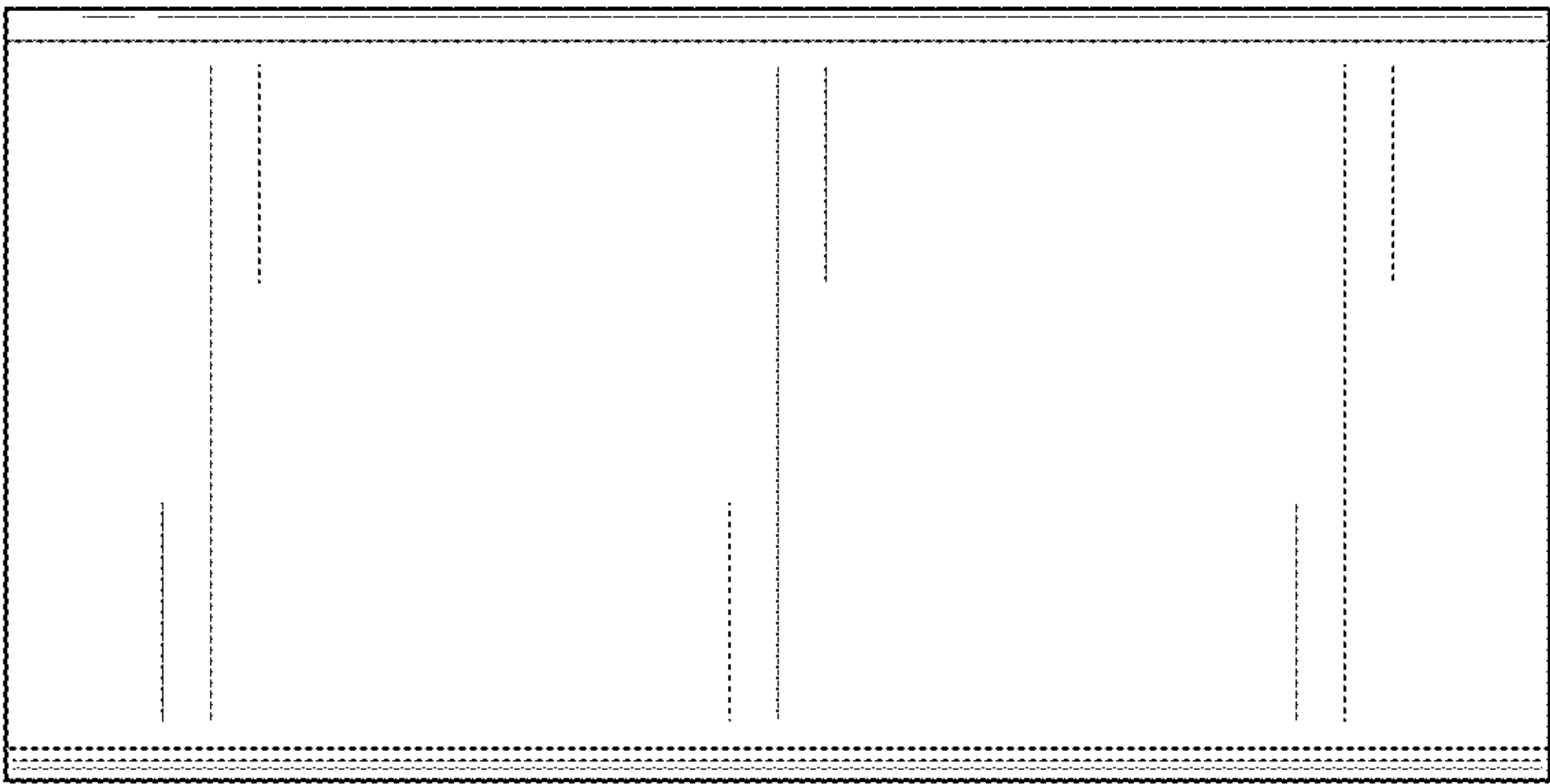


FIG. 4



FIG. 5



FIG. 6