



US00D772820S

(12) **United States Design Patent** (10) **Patent No.:** **US D772,820 S**
Shimano et al. (45) **Date of Patent:** **** Nov. 29, 2016**

(54) **SIGNAL RELAY DEVICE**
(71) Applicant: **MITSUBISHI ELECTRIC CORPORATION**, Tokyo (JP)
(72) Inventors: **Hiroichiro Shimano**, Tokyo (JP); **Jun Shibuya**, Tokyo (JP)
(73) Assignee: **MITSUBISHI ELECTRIC CORPORATION**, Tokyo (JP)

5,493,194 A * 2/1996 Damiano G05B 19/414
307/71
D378,914 S * 4/1997 Smith D13/160
D563,316 S * 3/2008 Higuchi D13/110
D563,317 S * 3/2008 Higuchi D13/110
D563,318 S * 3/2008 Higuchi D13/110
D660,805 S * 5/2012 Azzola D13/160
D682,794 S * 5/2013 Biller D13/158
D703,621 S * 4/2014 Azzola D13/160
D738,360 S * 9/2015 Papon D14/240

* cited by examiner

(**) Term: **14 Years**

Primary Examiner — Thomas Johannes

Assistant Examiner — Shawn T Gingrich

(21) Appl. No.: **29/502,624**

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(22) Filed: **Sep. 18, 2014**

(30) **Foreign Application Priority Data**

May 13, 2014 (JP) 2014-010198
May 13, 2014 (JP) 2014-010199

(57) **CLAIM**

The ornamental design for a signal relay device, as shown and described.

(51) **LOC (10) Cl.** **13-03**

DESCRIPTION

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

USPC **D13/159**

(58) **Field of Classification Search**

USPC D13/110, 112, 118, 123, 146, 154,
D13/158–161, 174, 184, 199

CPC H01H 9/0044; H01H 9/00; H01H 9/02;
H01H 9/26; H01H 1/64; H01H 3/00; H01H
33/09; H01H 1/22; H01H 1/20

See application file for complete search history.

FIG. 1 is a perspective view of the front, right, and top sides of a signal relay device showing our new design; FIG. 2 is a perspective view of the rear, left, and bottom sides thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; FIG. 8 is a bottom view thereof; and, FIG. 9 is a perspective view thereof shown in a state of use. The broken lines shown represent unclaimed subject matter of signal relay device and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D304,171 S * 10/1989 Kondo D13/110
D345,137 S * 3/1994 Thomas D13/110

1 Claim, 9 Drawing Sheets

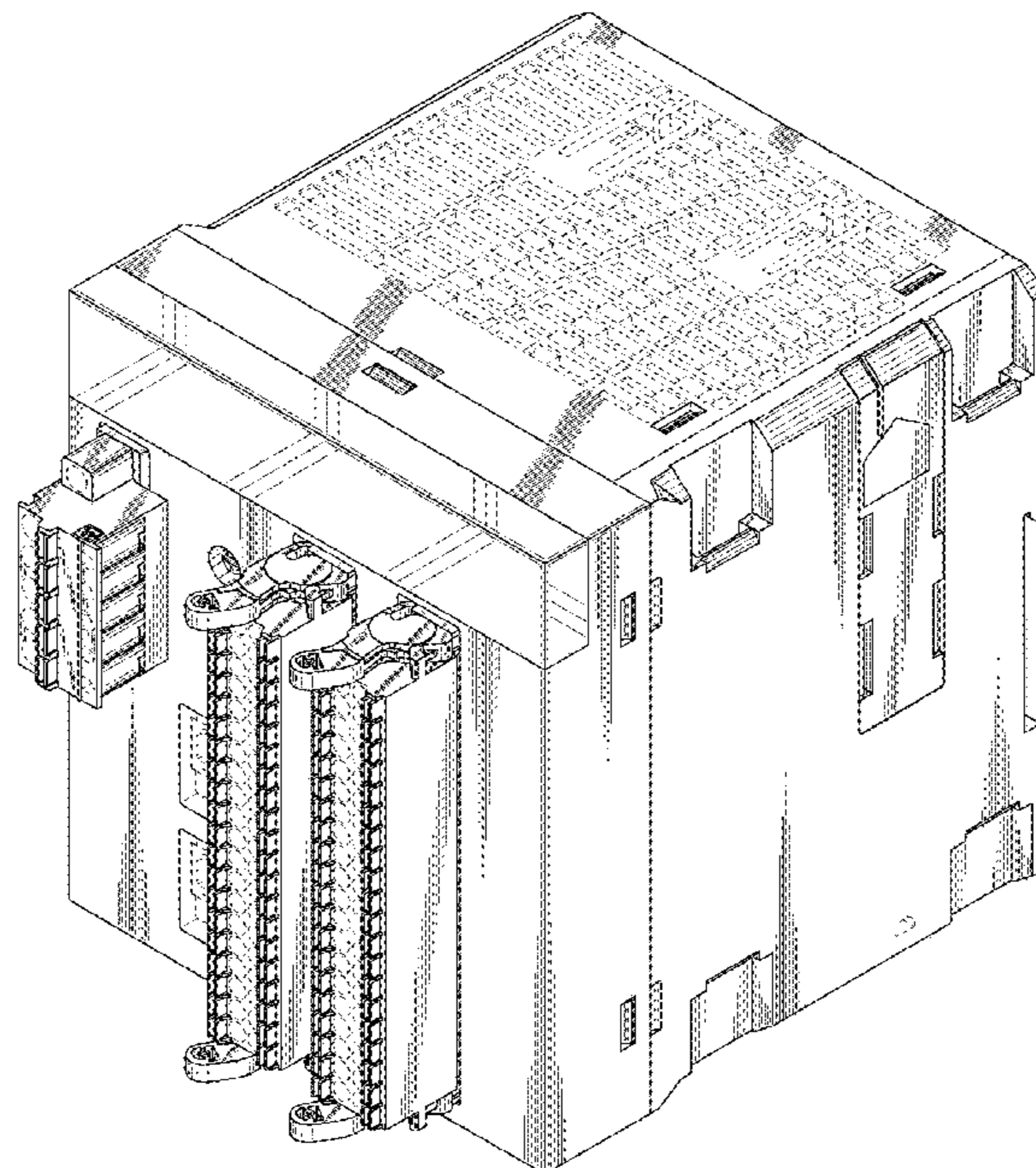


FIG. 1

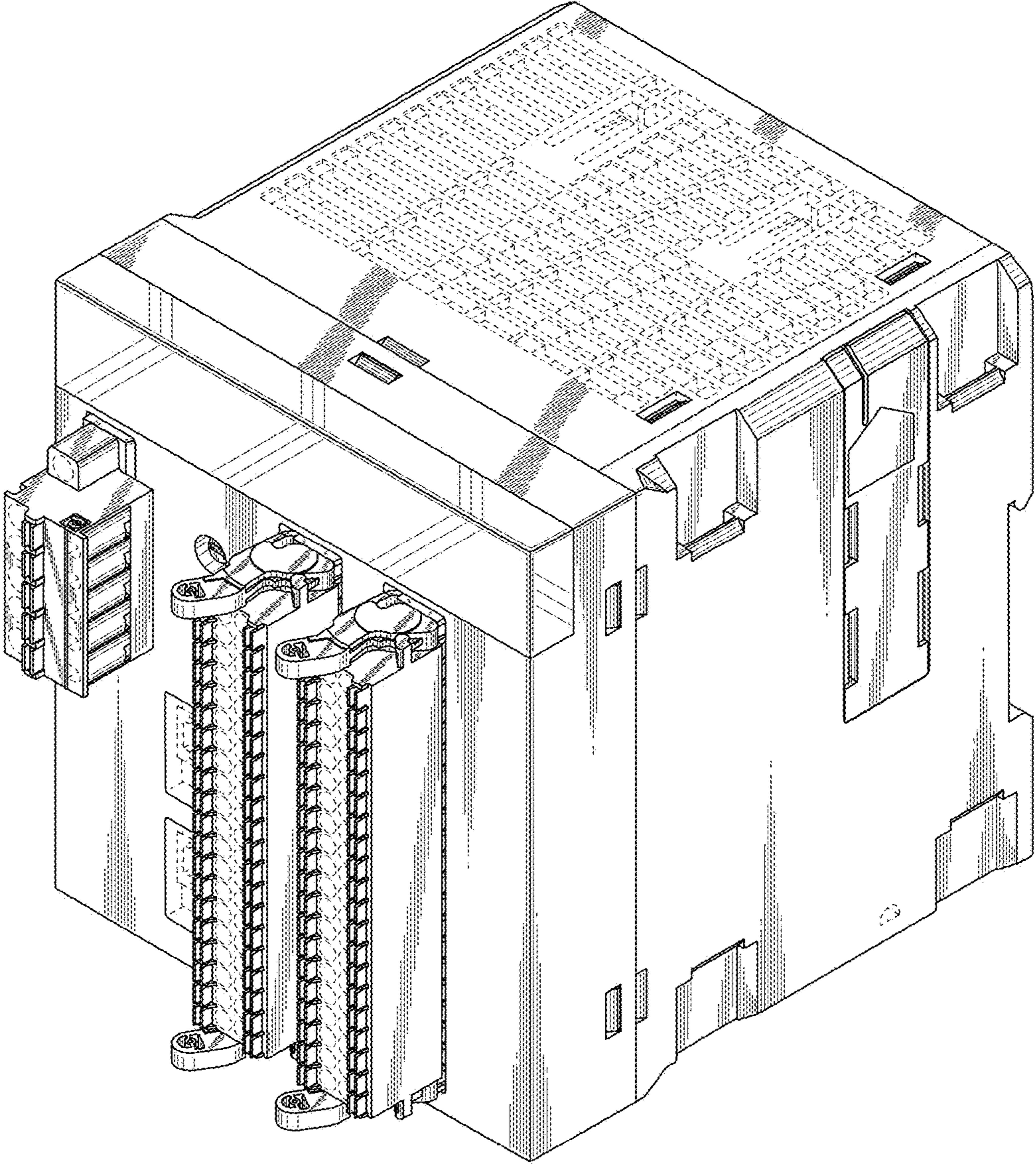


FIG. 2

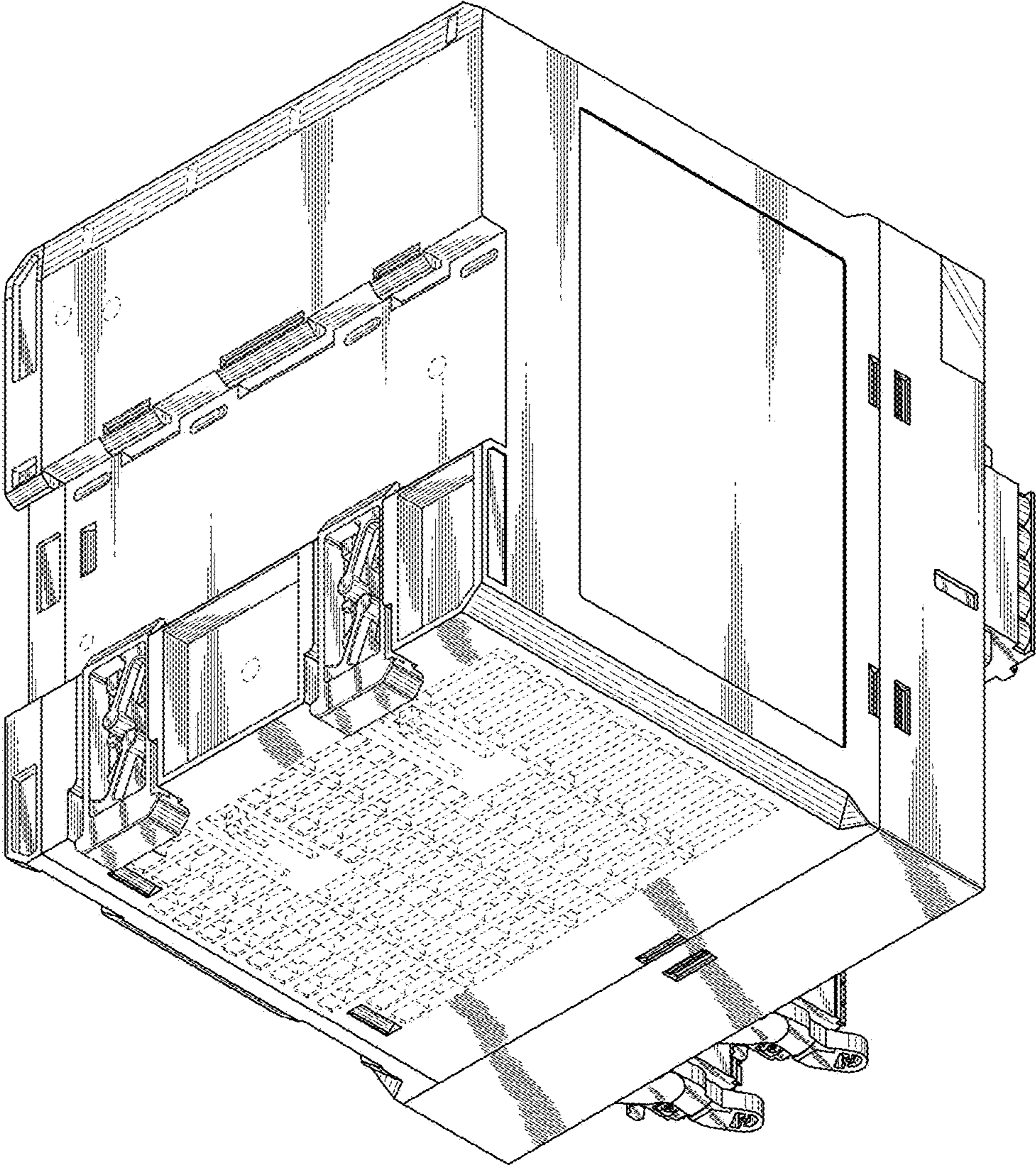


FIG. 3

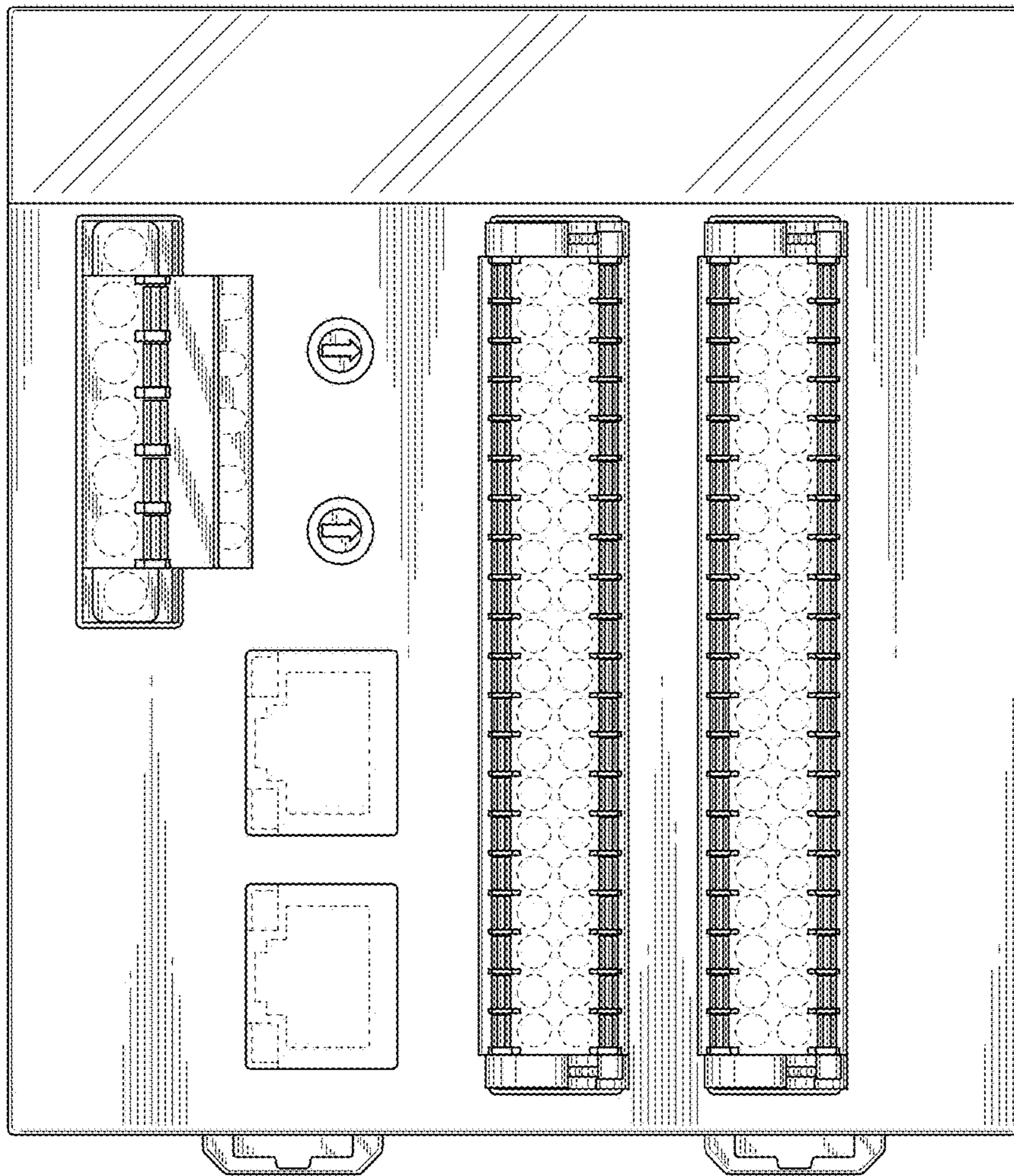


FIG. 4

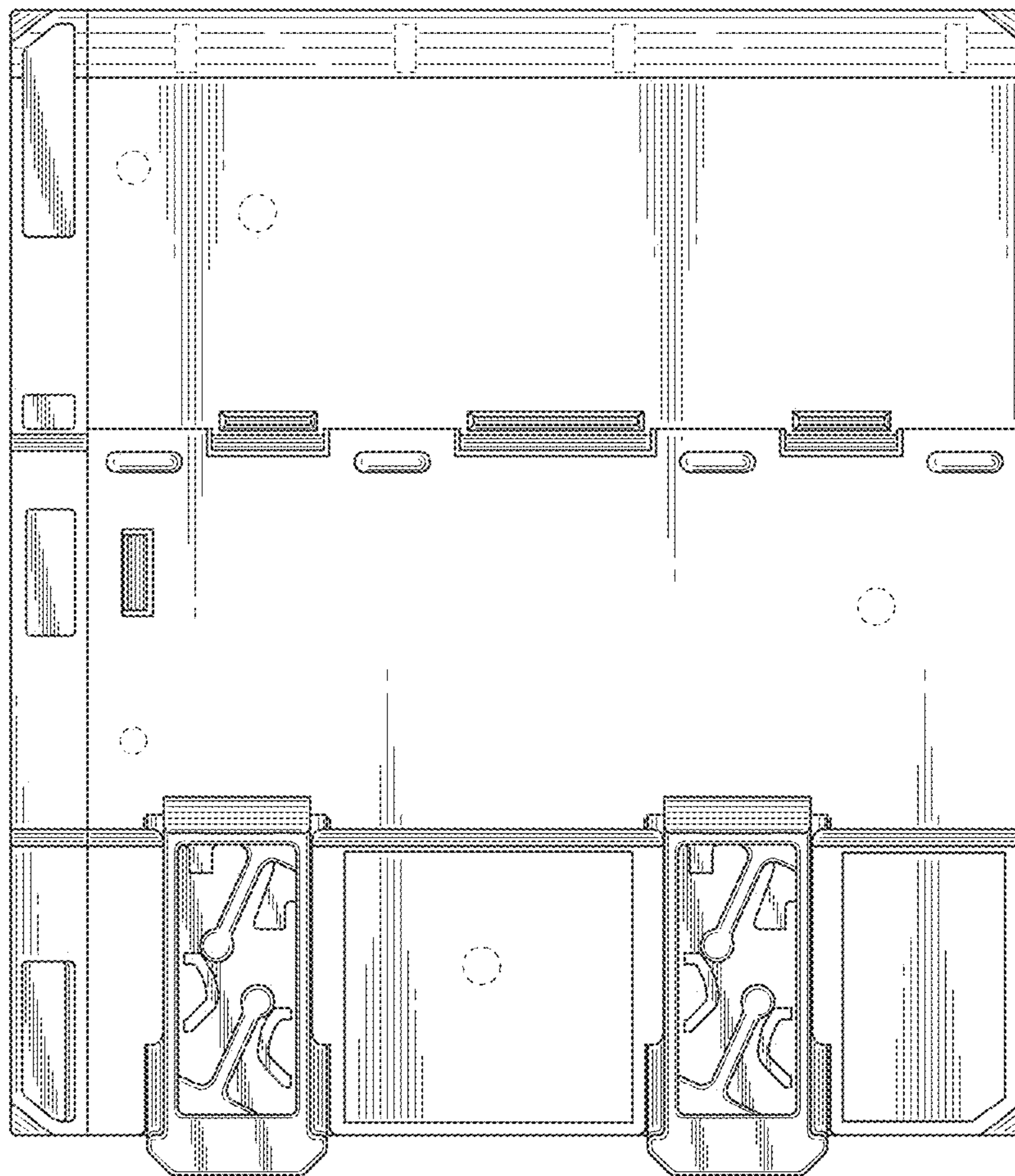


FIG. 5

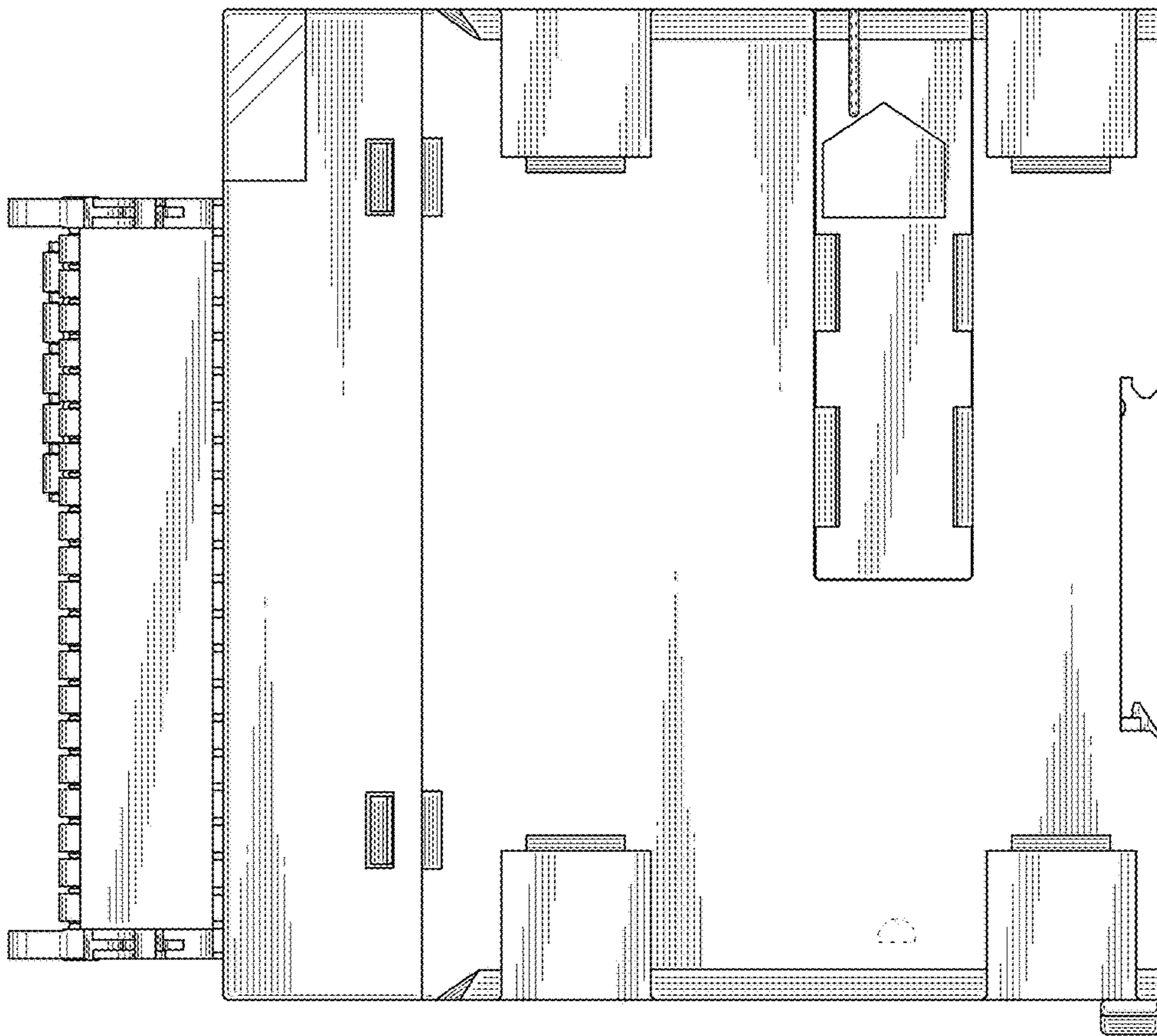


FIG. 6

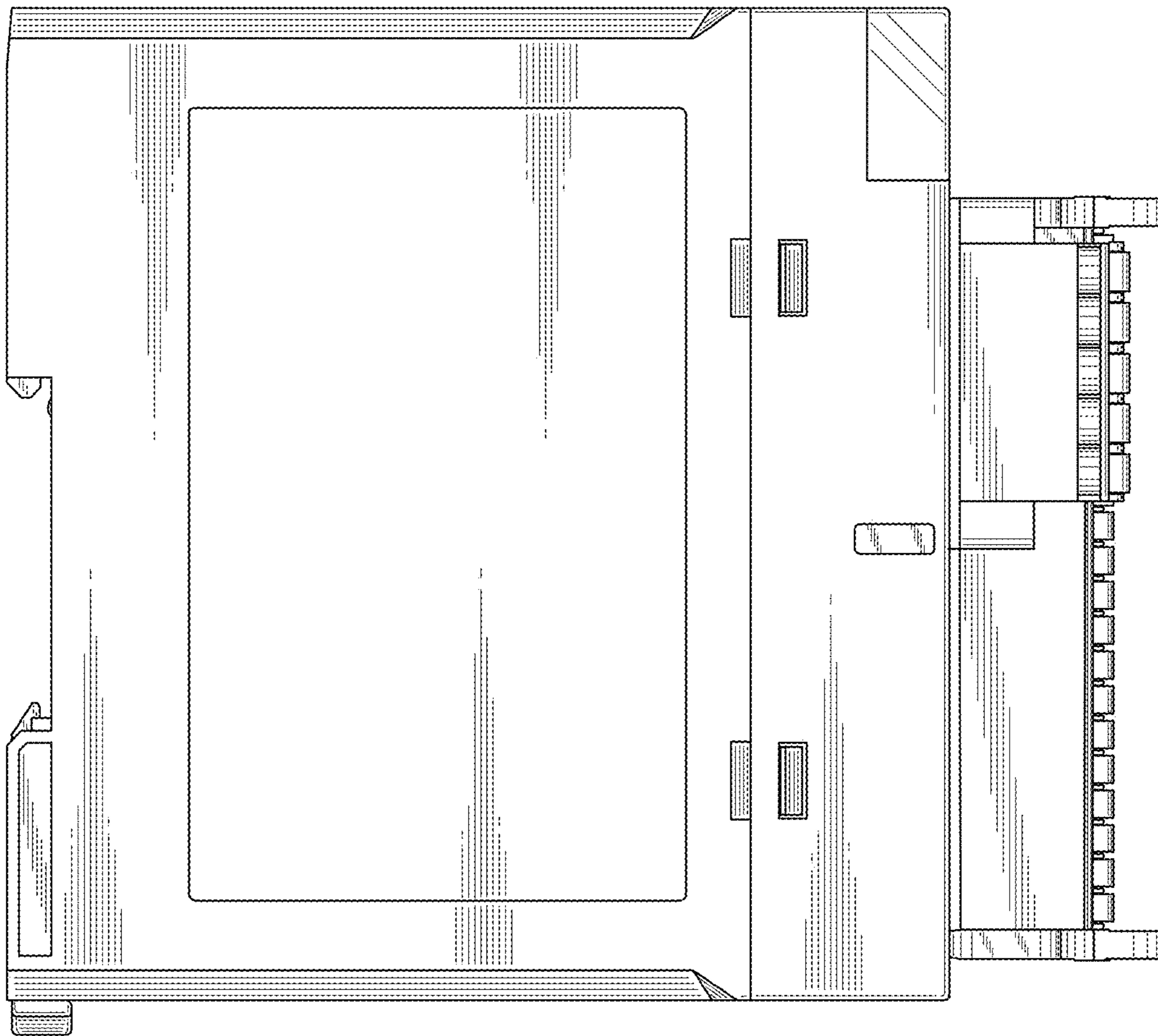


FIG. 7

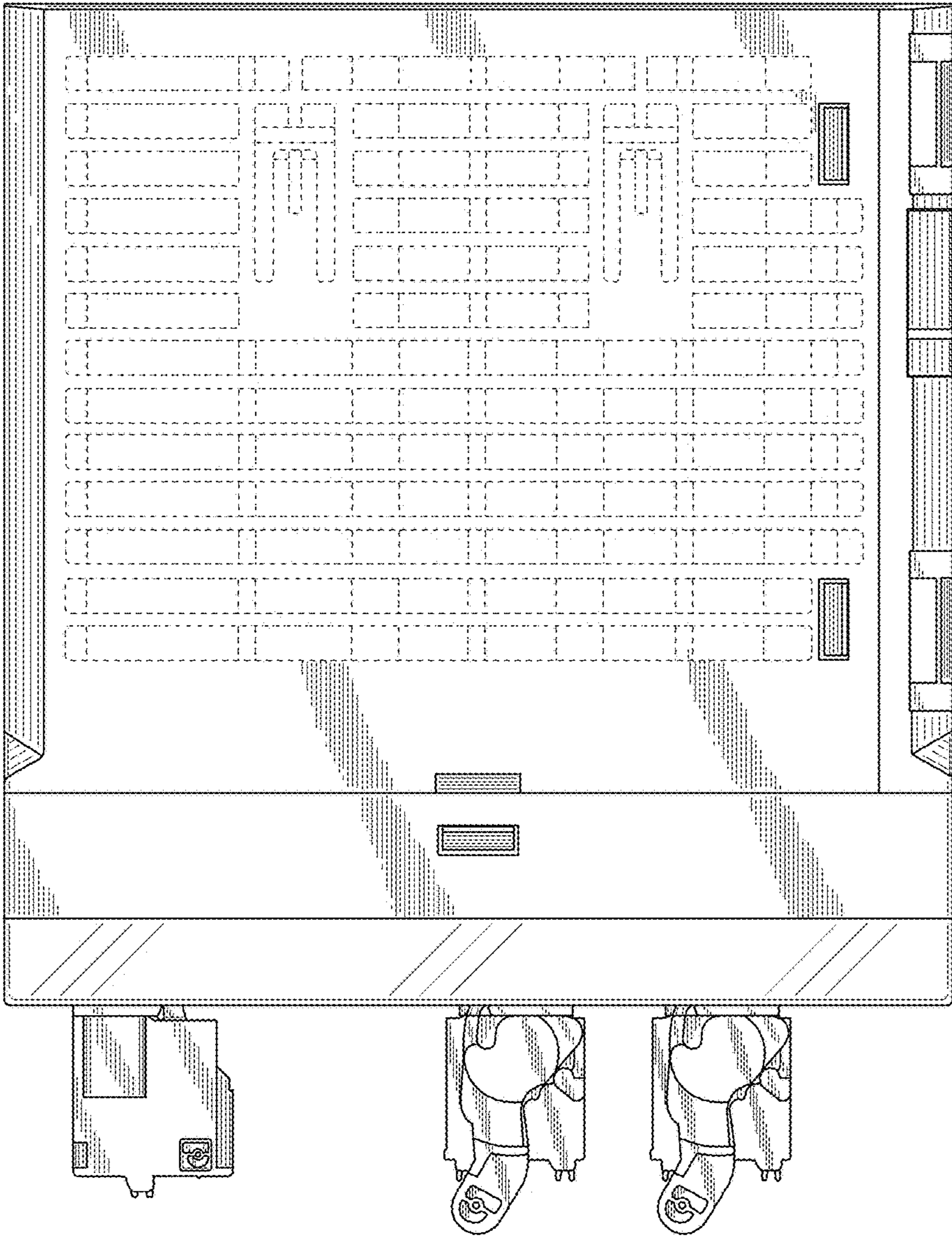


FIG. 8

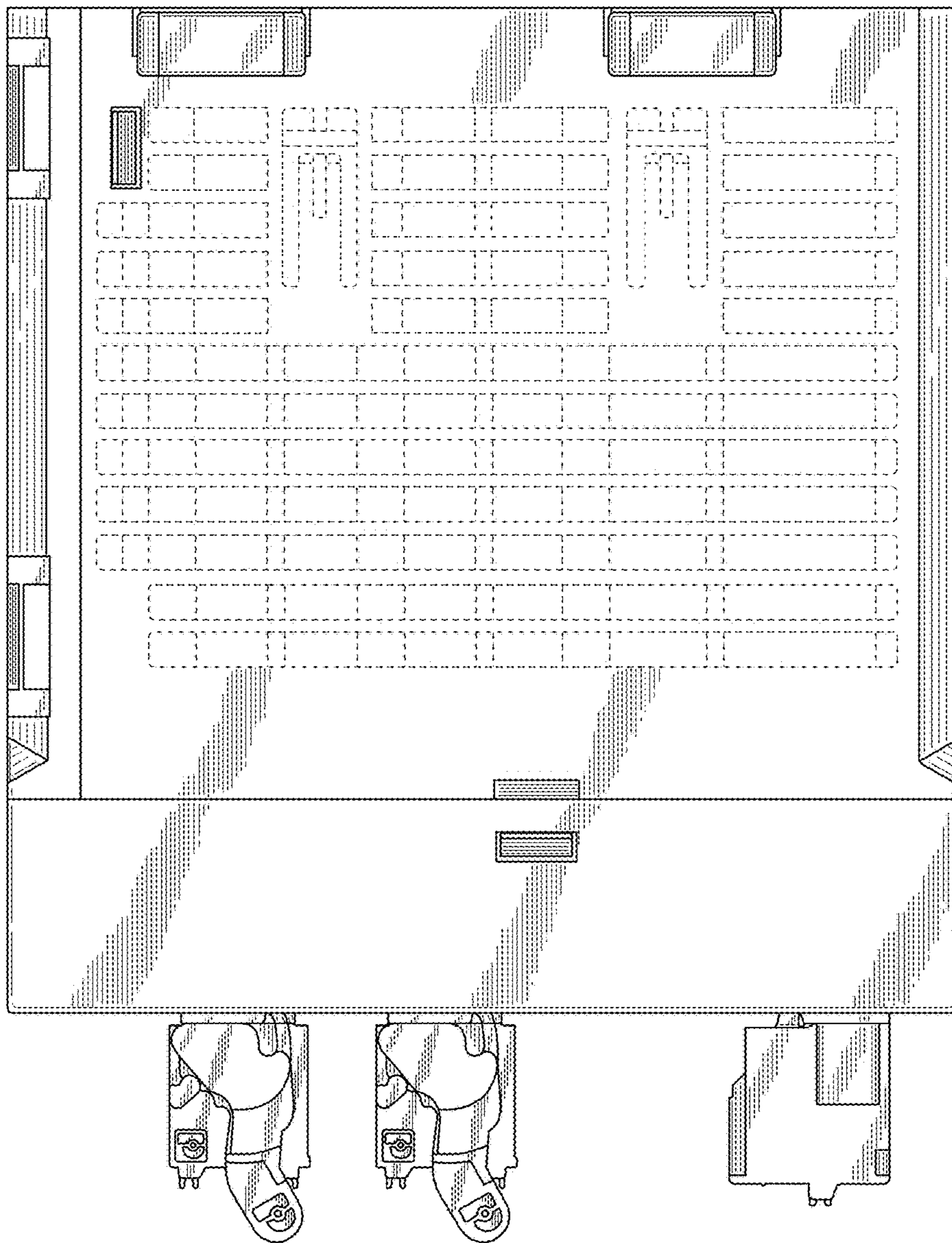


FIG. 9

