



US00D839833S

(12) **United States Design Patent**
Pao et al.

(10) **Patent No.:** **US D839,833 S**
(45) **Date of Patent:** **** Feb. 5, 2019**

(54) **ELECTRICAL CONNECTOR**

(71) Applicant: **CHIEF LAND ELECTRONIC CO., LTD.**, New Taipei (TW)

(72) Inventors: **Chung-Nan Pao**, New Taipei (TW);
Chia-Feng Huang, New Taipei (TW);
Sun-Yu Chou, New Taipei (TW)

(73) Assignee: **CHIEF LAND ELECTRONIC CO., LTD.**, New Taipei (TW)

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

(21) Appl. No.: **29/609,823**

(22) Filed: **Jul. 6, 2017**

(51) **LOC (11) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/147**

(58) **Field of Classification Search**
USPC D13/123, 133, 146, 147, 154, 184, 199
CPC H01R 12/51; H01R 12/52; H01R 12/57;
H01R 12/592; H01R 12/61; H01R 12/63;
H01R 12/7005; H01R 12/716; H01R
12/72; H01R 12/732; H01R 12/777;
H01R 12/79; H01R 12/87; H01R 12/89;
H01R 13/213; H01R 13/2464; H01R
13/2492; H01R 13/26; H01R 13/28;
H01R 13/428; H01R 13/434; H01R
13/4362; H01R 13/4534; H01R 13/506;
H01R 13/508; H01R 13/5804; H01R
13/5816; H01R 13/585; H01R 13/6271;
H01R 13/635

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D602,870 S * 10/2009 Wu D13/147
D706,221 S * 6/2014 Grant D13/147
8,888,532 B2 * 11/2014 Hamaoka H01R 13/6625
439/620.24
9,530,301 B1 * 12/2016 Zhu G08B 21/182
2015/0171557 A1 * 6/2015 Pao H01R 13/6587
439/676
2016/0276761 A1 * 9/2016 Endo H01R 12/716

* cited by examiner

Primary Examiner — Daniel D Bui

(74) *Attorney, Agent, or Firm* — Li & Cai Intellectual
Property (USA) Office

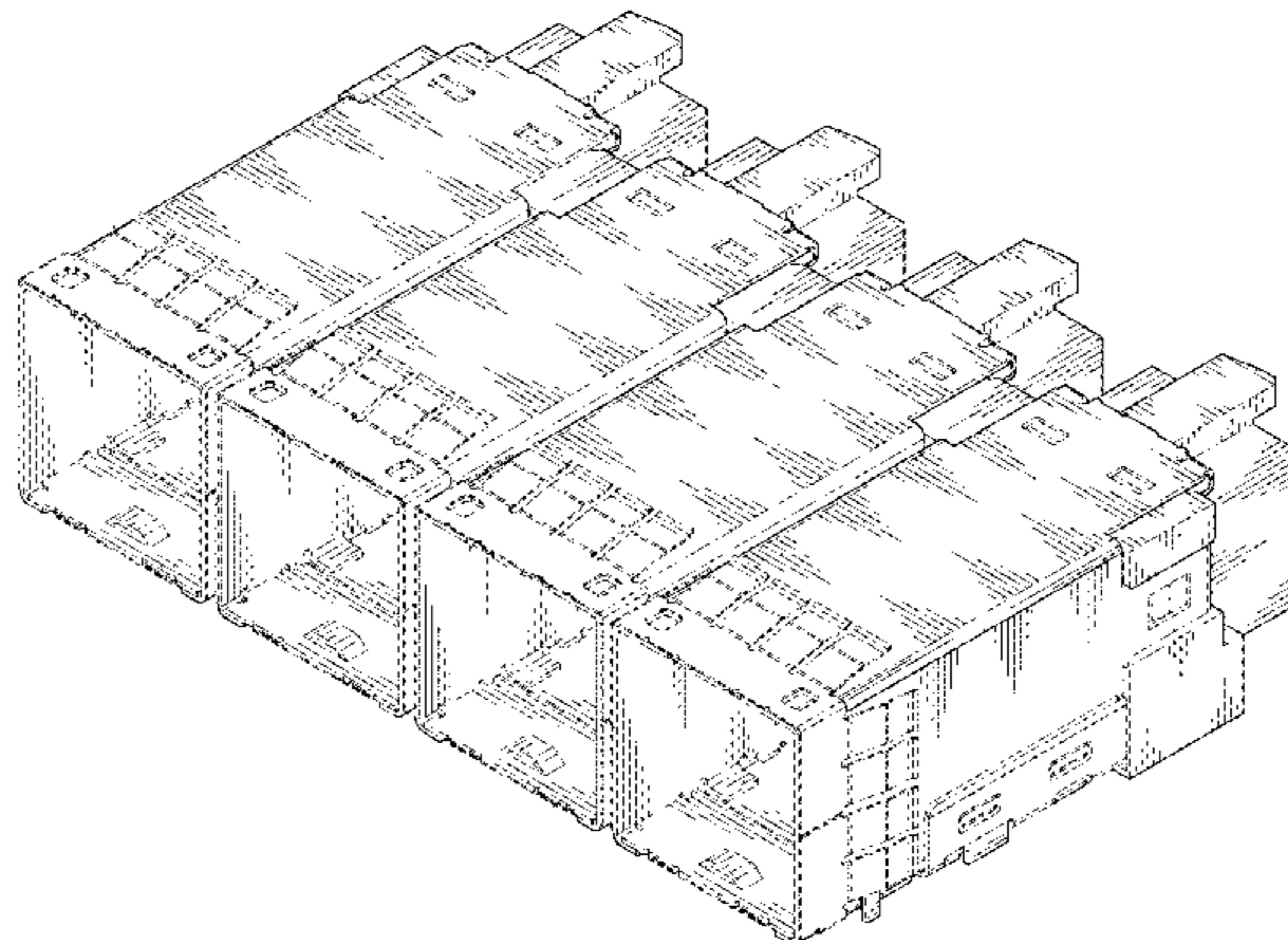
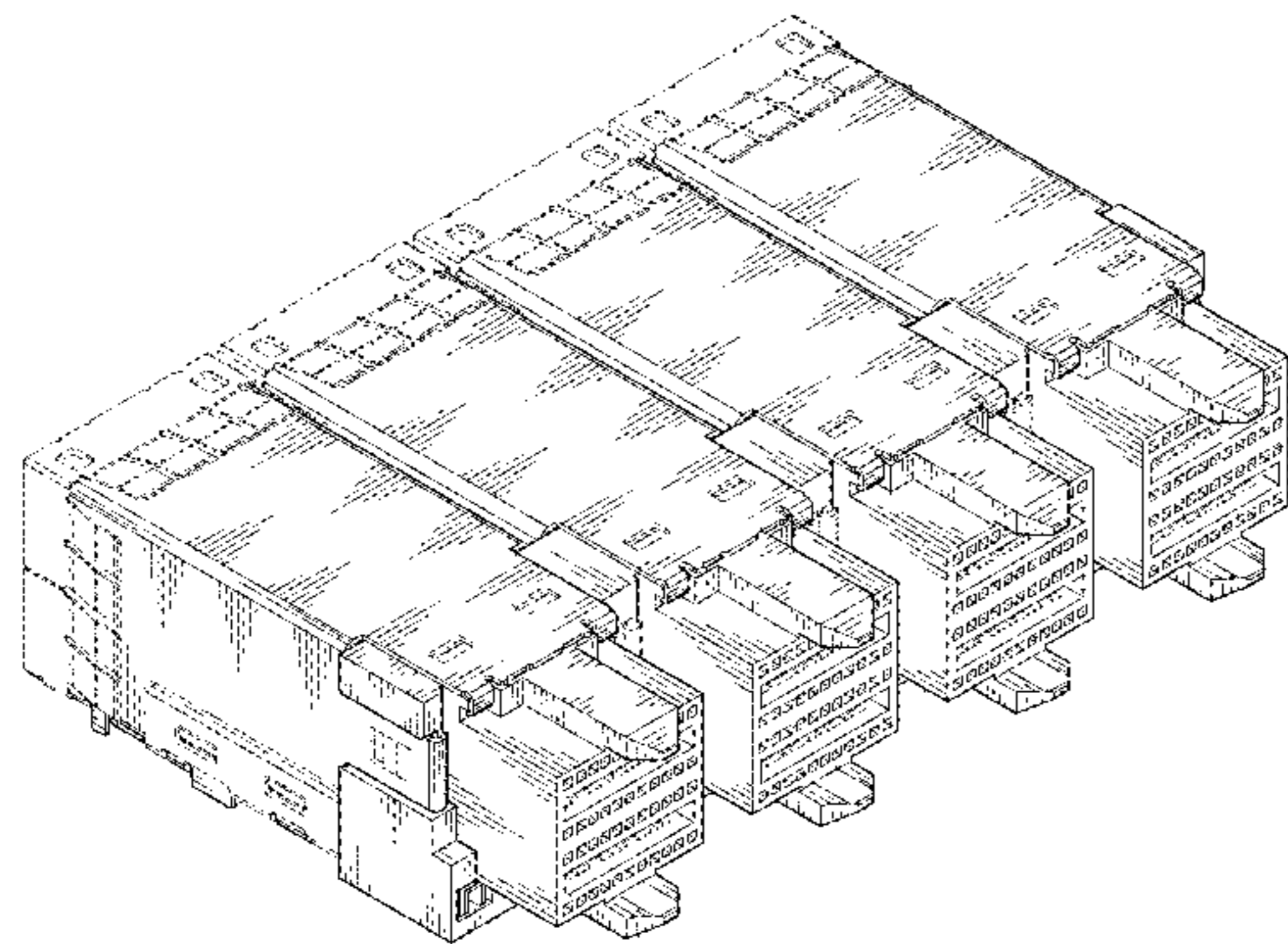
(57) **CLAIM**

The ornamental design for an “electrical connector,” as
shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of an electrical
connector showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left elevational side view thereof;
FIG. 5 is a right elevational side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a top rear perspective view thereof.
The broken lines in the figures show portions of the elec-
trical connector or environment that form no part of the
claimed design.
The shade lines in the figures show contour and not surface
ornamentation.

1 Claim, 8 Drawing Sheets



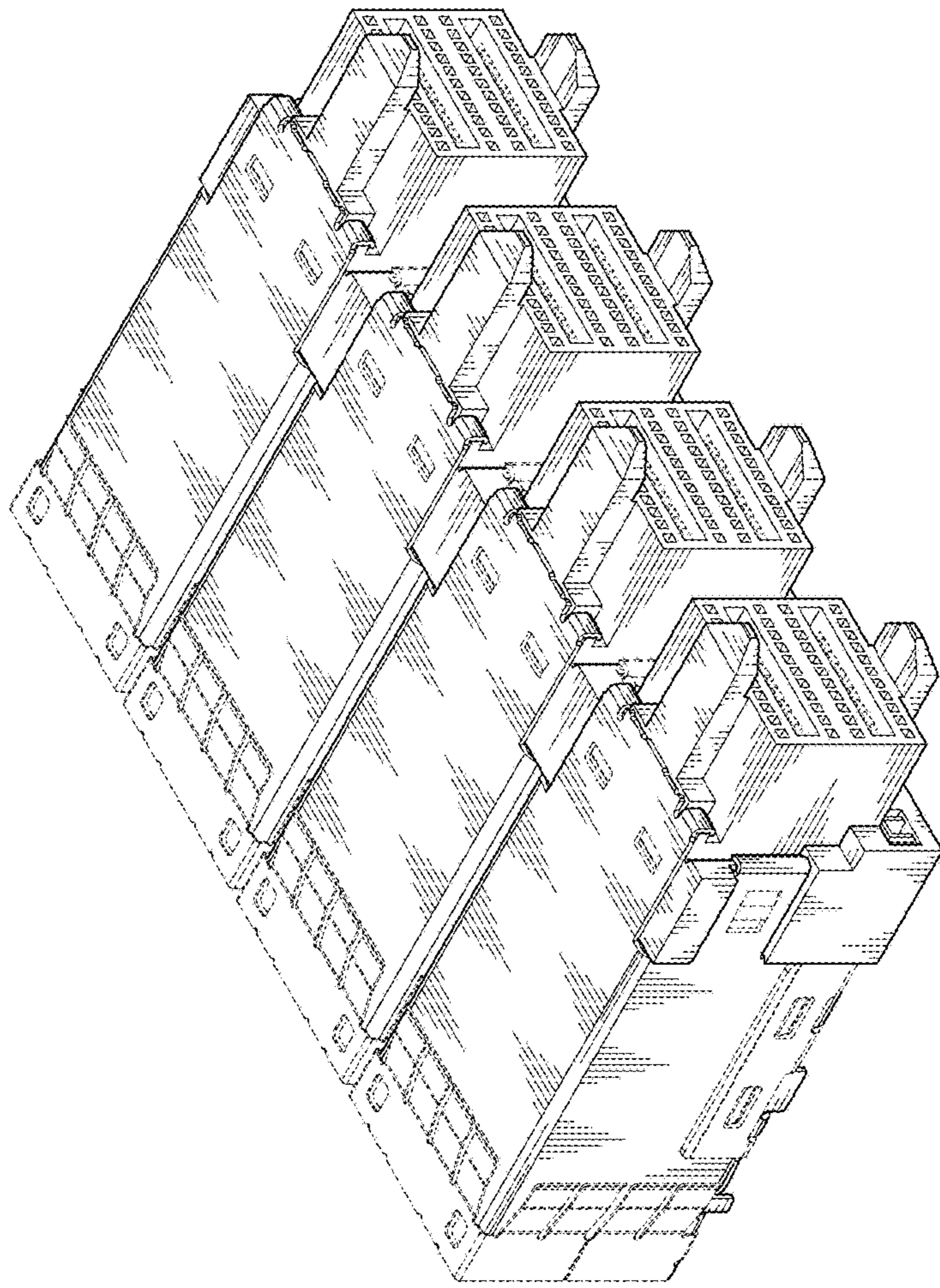


FIG. 1

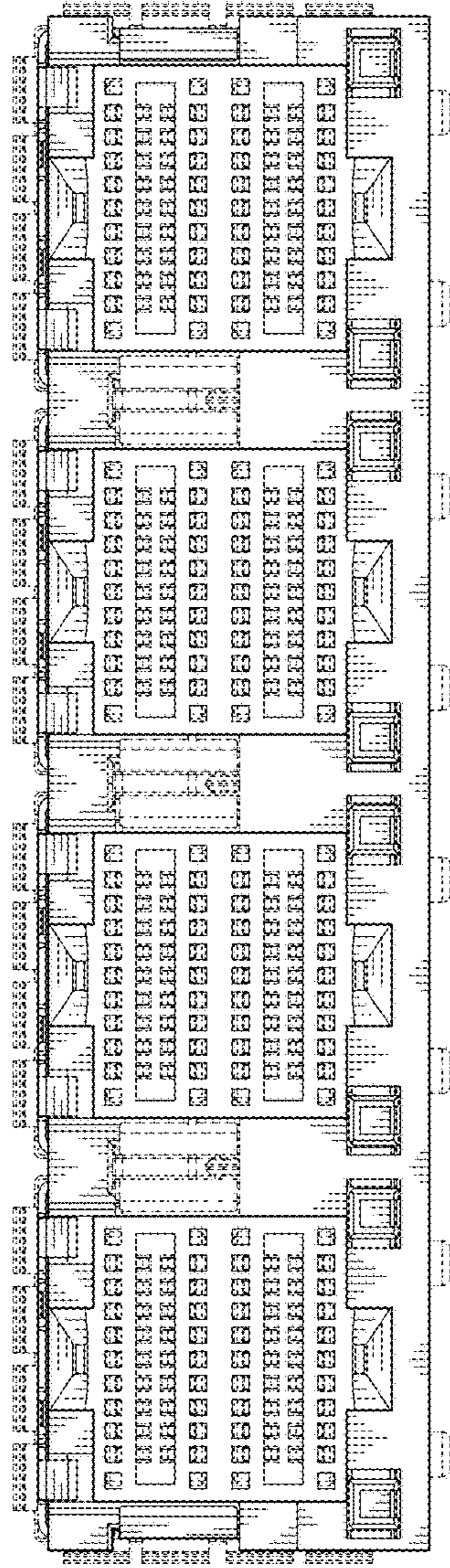


FIG. 2

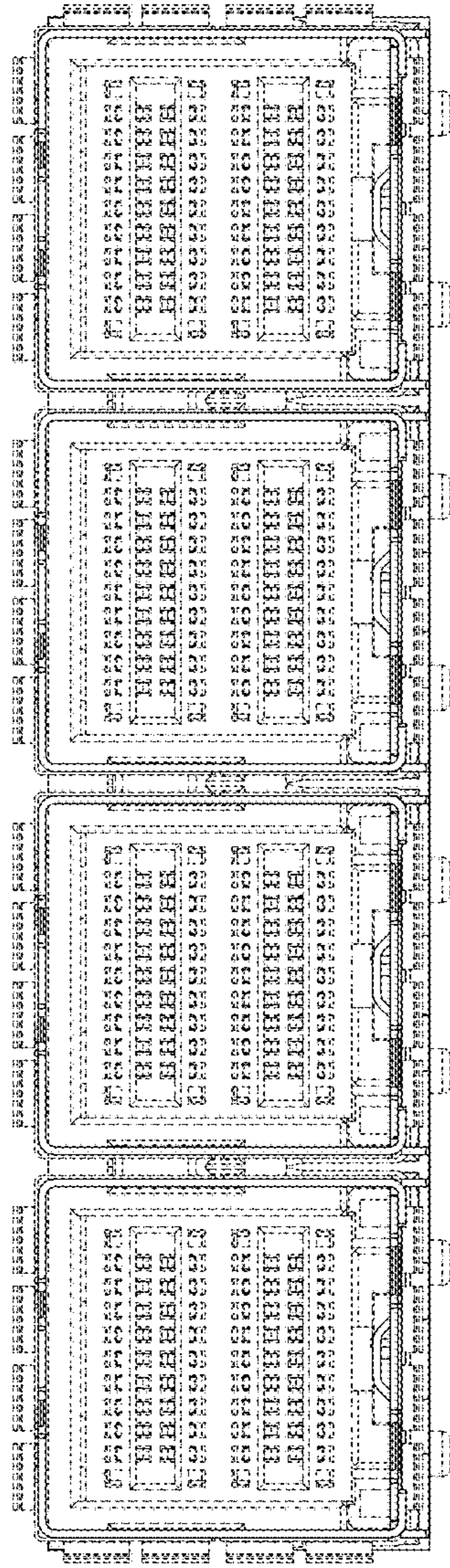


FIG. 3

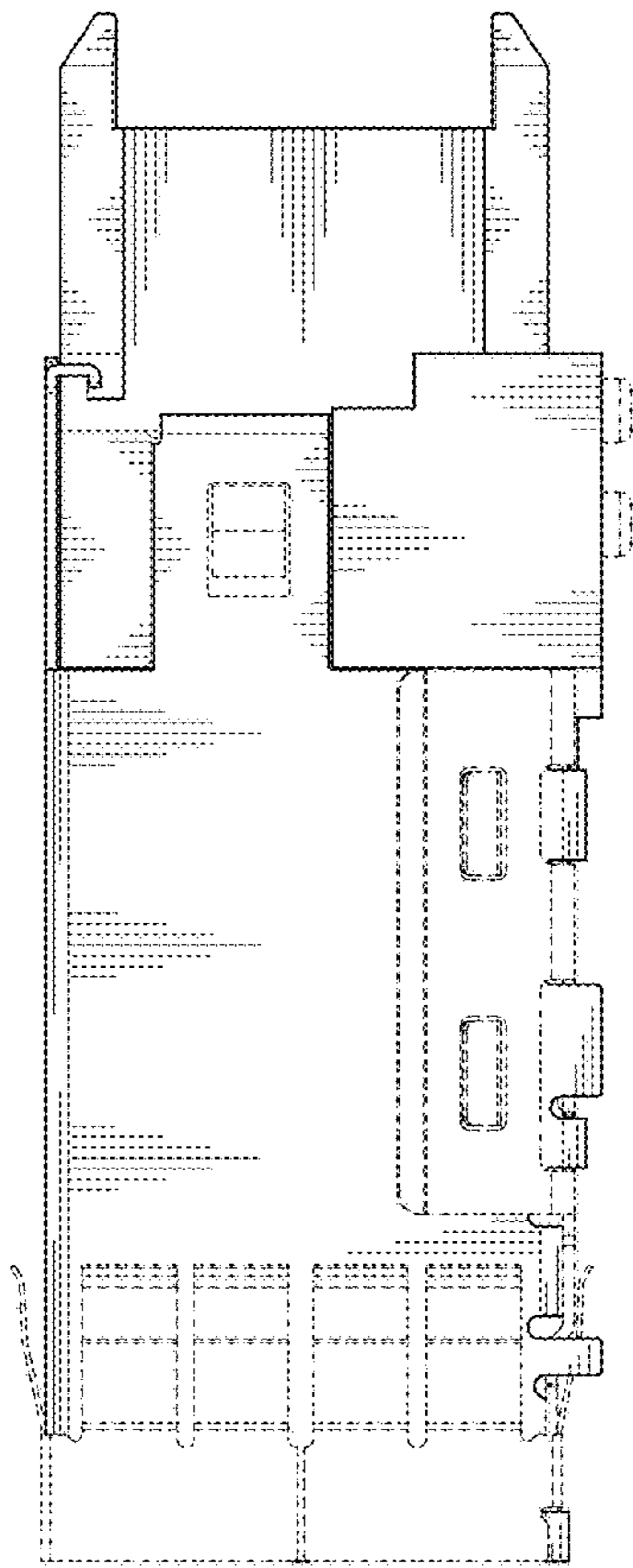


FIG. 4

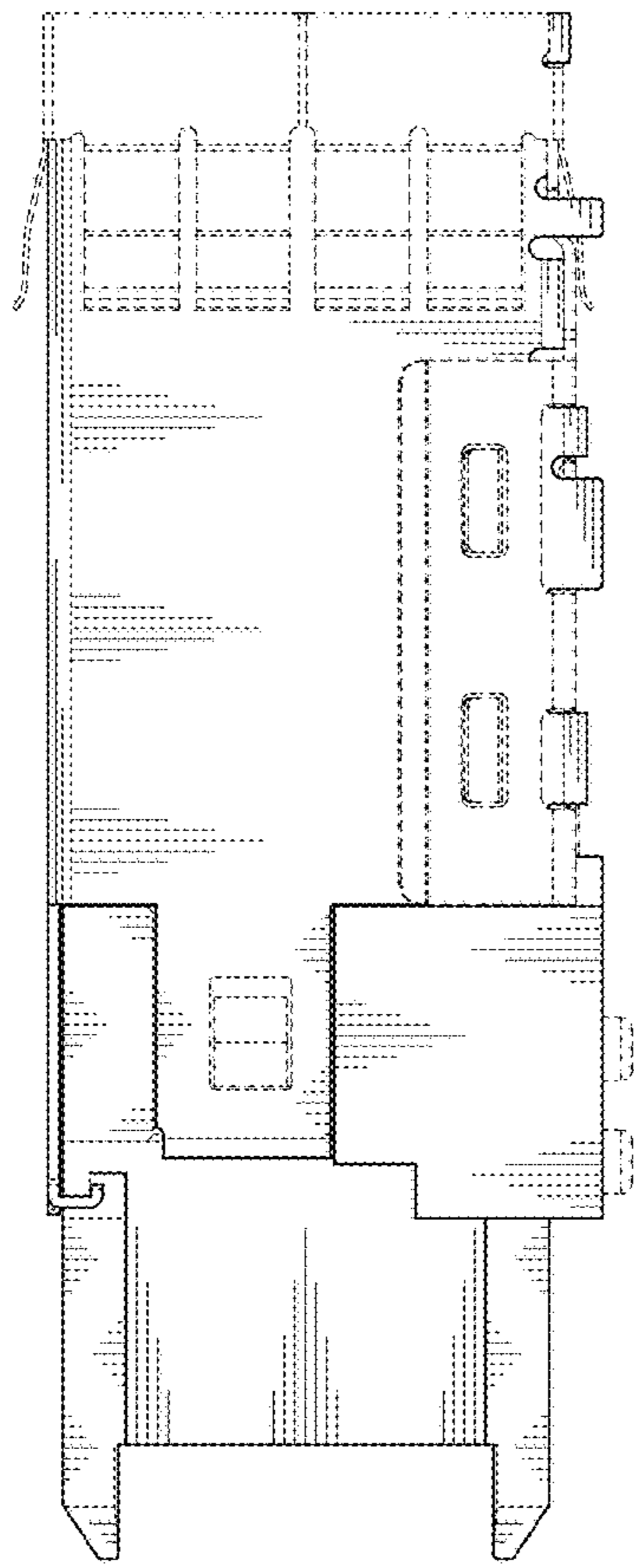


FIG. 5

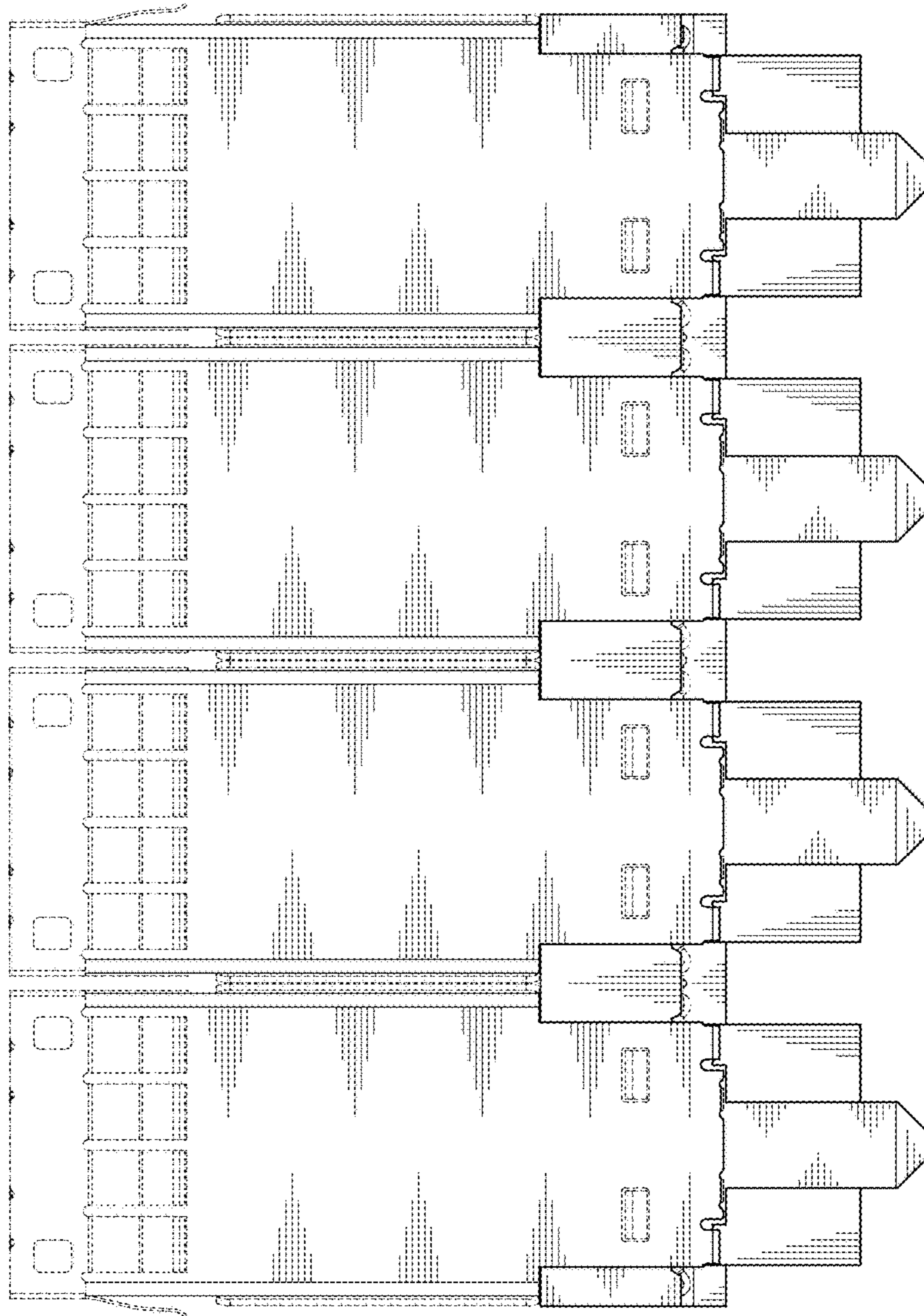


FIG. 6

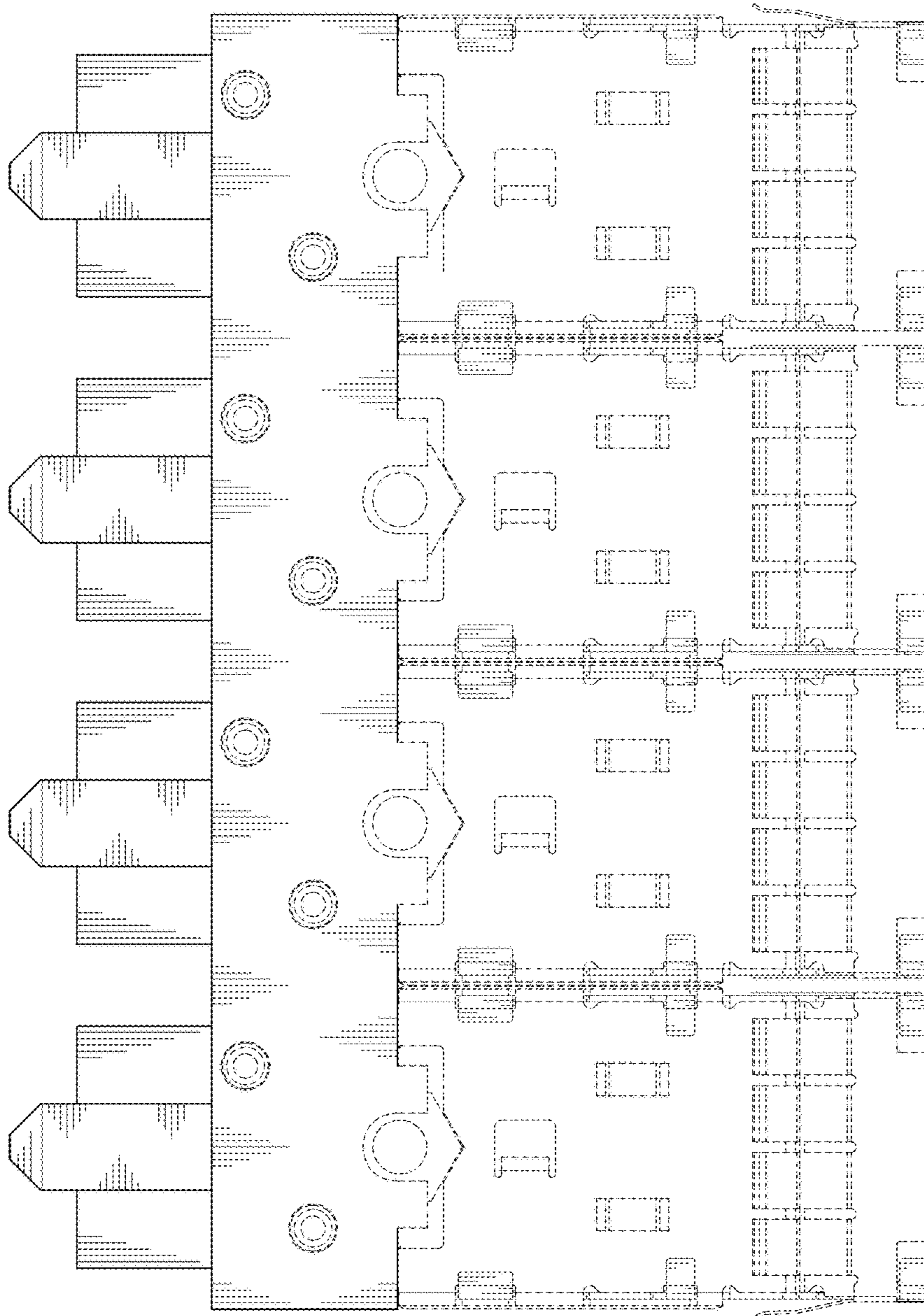


FIG. 7

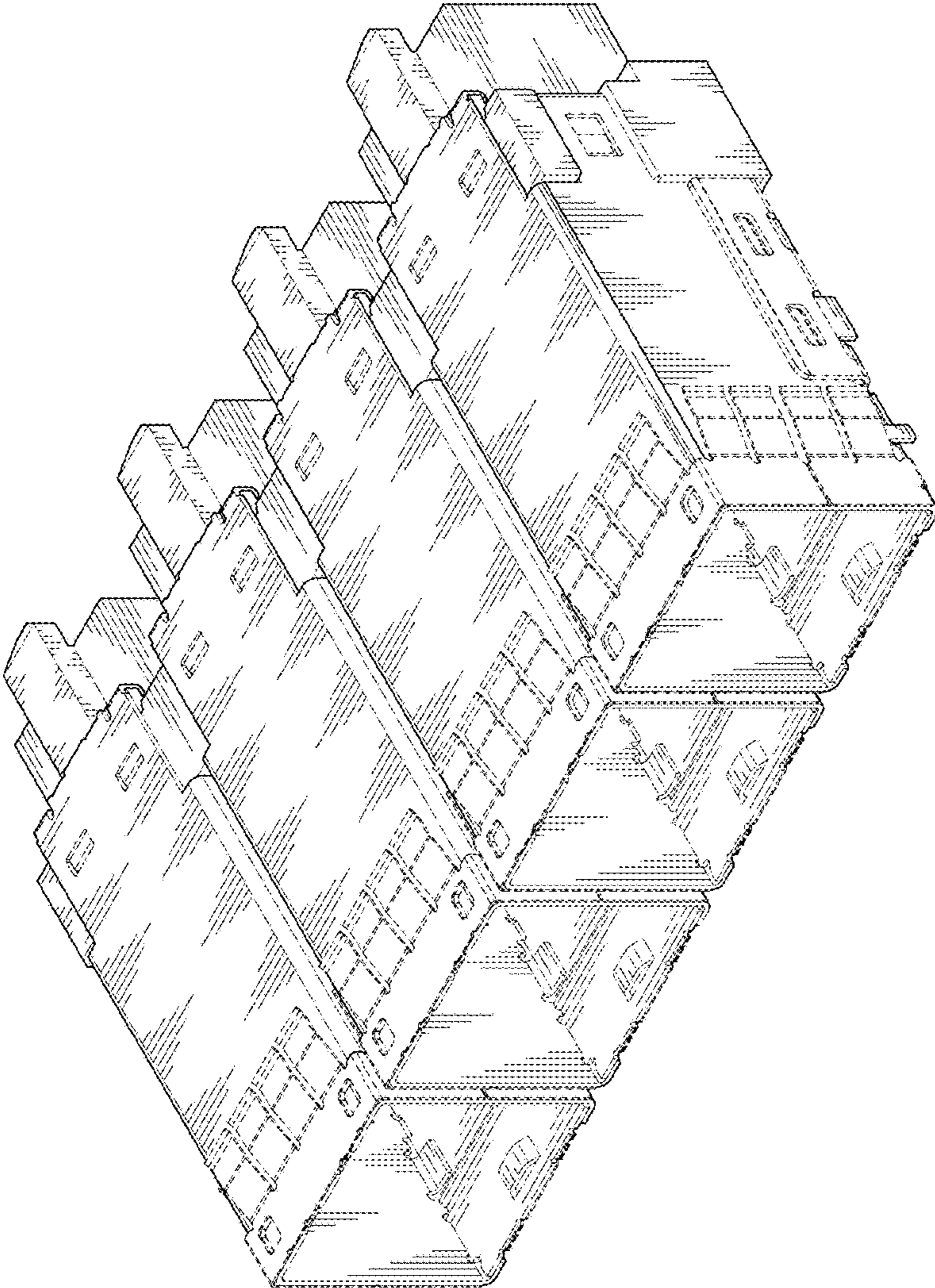


FIG. 8