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(12) **United States Design Patent** (10) **Patent No.:** **US D866,621 S**
Gallo et al. (45) **Date of Patent:** **** Nov. 12, 2019**

(54) **LASER CUTTING MACHINE**
(71) Applicant: **TRUMPF GmbH + Co. KG**, Ditzingen (DE)
(72) Inventors: **Dina Gallo**, Stuttgart (DE); **Tom Schönherr**, Stuttgart (DE); **Erkan Bilgic**, Stuttgart (DE)
(73) Assignee: **TRUMPF GmbH + Co. KG**, Ditzingen (DE)
(**) Term: **15 Years**

D569,728 S 5/2008 Floyd
D612,873 S * 3/2010 Spinelli D15/131
D614,211 S * 4/2010 De Vries D15/122
D650,417 S * 12/2011 Brown D18/53
D659,728 S * 5/2012 Mueller D15/122
D664,570 S * 7/2012 Mueller D15/122
D676,881 S * 2/2013 Mueller D15/122
D676,882 S 2/2013 Mueller
D690,330 S 9/2013 Tsuchiyama
D690,744 S 10/2013 Koide
D690,745 S 10/2013 Koide
D718,353 S 11/2014 Kato
D735,253 S * 7/2015 Bausback D15/122
D755,861 S * 5/2016 Schonherr D15/122
D759,738 S * 6/2016 Schonherr D15/122

(Continued)

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(30) **Foreign Application Priority Data**

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(52) **U.S. Cl.**
USPC **D15/122**

(58) **Field of Classification Search**
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D14/420-425; D15/122, 127, 144, 144.1,
D15/144.2, 145, 146, 199; D18/14, 19,
D18/36-39, 50, 53, 54, 54.1, 55
CPC B23K 26/00; B23K 26/08; B23K 26/0869;
B23K 26/0876; B23K 27/0265
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D252,575 S 8/1979 Simmons
D428,025 S * 7/2000 Miyake D15/127
D459,390 S * 6/2002 Teodorescu D18/53
D464,363 S 10/2002 Saito
D557,295 S * 12/2007 Formanek D15/127
D569,174 S 5/2008 Zemel

FOREIGN PATENT DOCUMENTS

EM 002463737-0001 5/2014
EM 002463737-0002 5/2014

(Continued)

Primary Examiner — Garth Rademaker
Assistant Examiner — Fritzgerald L Butac
(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

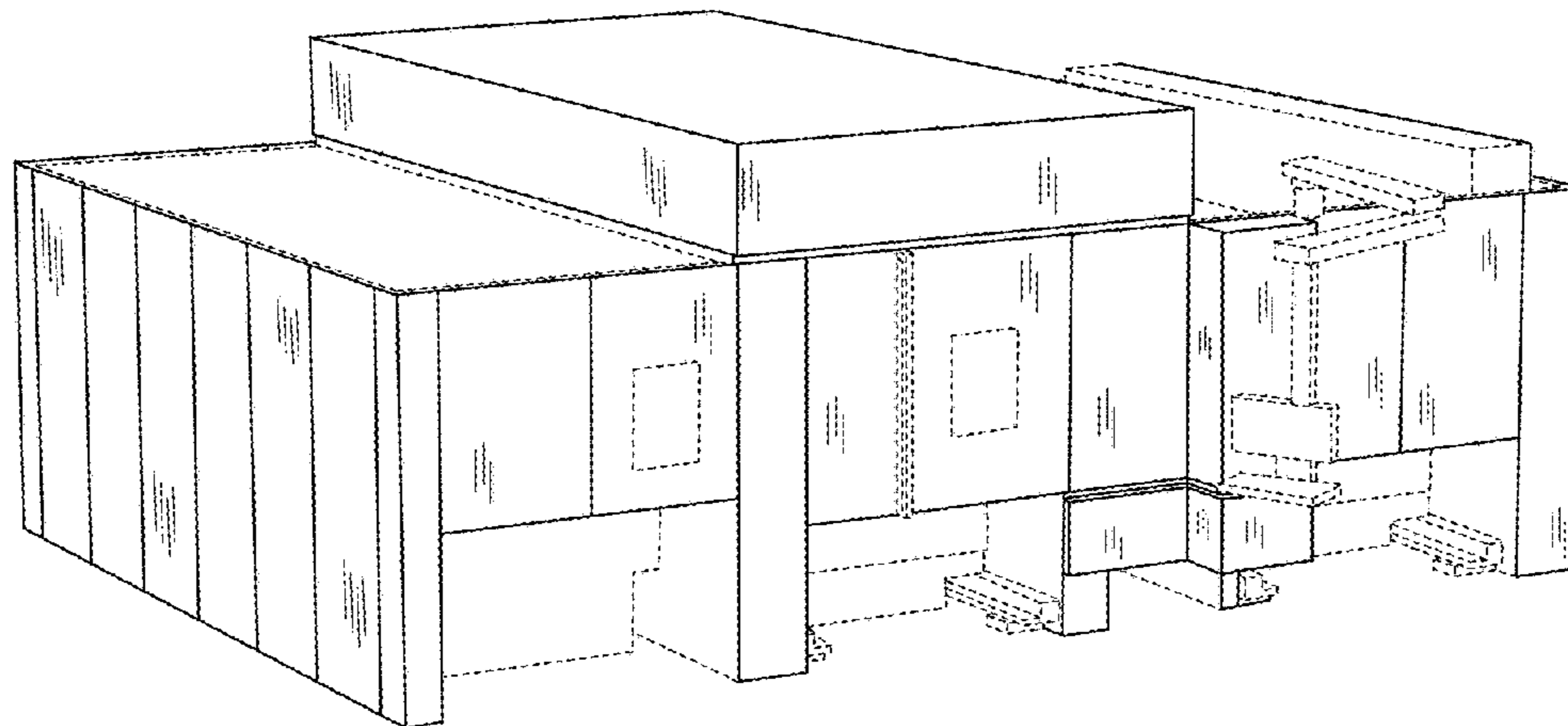
(57) **CLAIM**

The ornamental design for a laser cutting machine, as shown and described.

DESCRIPTION

FIG. 1 is a front left perspective view of the machine.
FIG. 2 is a front view of the machine.
FIG. 3 is a back view of the machine.
FIG. 4 is a right side view of the machine.
FIG. 5 is a left side view of the machine.
FIG. 6 is a top view of the machine; and,
FIG. 7 is a front right perspective view of the machine.
The broken lines show portions of a laser cutting machine that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D762,748 S 8/2016 Schoenherr et al.
D778,329 S * 2/2017 Grobe D15/122
D781,357 S * 3/2017 Inaba D15/122
D794,099 S * 8/2017 Gallo D15/122
D816,741 S * 5/2018 Nicaise D15/122
D822,724 S * 7/2018 Hanschen D15/122
D823,359 S * 7/2018 Krebber D15/122
D825,489 S * 8/2018 Yoshida D13/160
2009/0001063 A1 1/2009 Weick et al.
2015/0273633 A1 10/2015 Masauji et al.
2018/0200839 A1* 7/2018 Timmerman B23K 26/38

FOREIGN PATENT DOCUMENTS

EM 002463737-0003 5/2014
EM 002463737-0004 5/2014

* cited by examiner

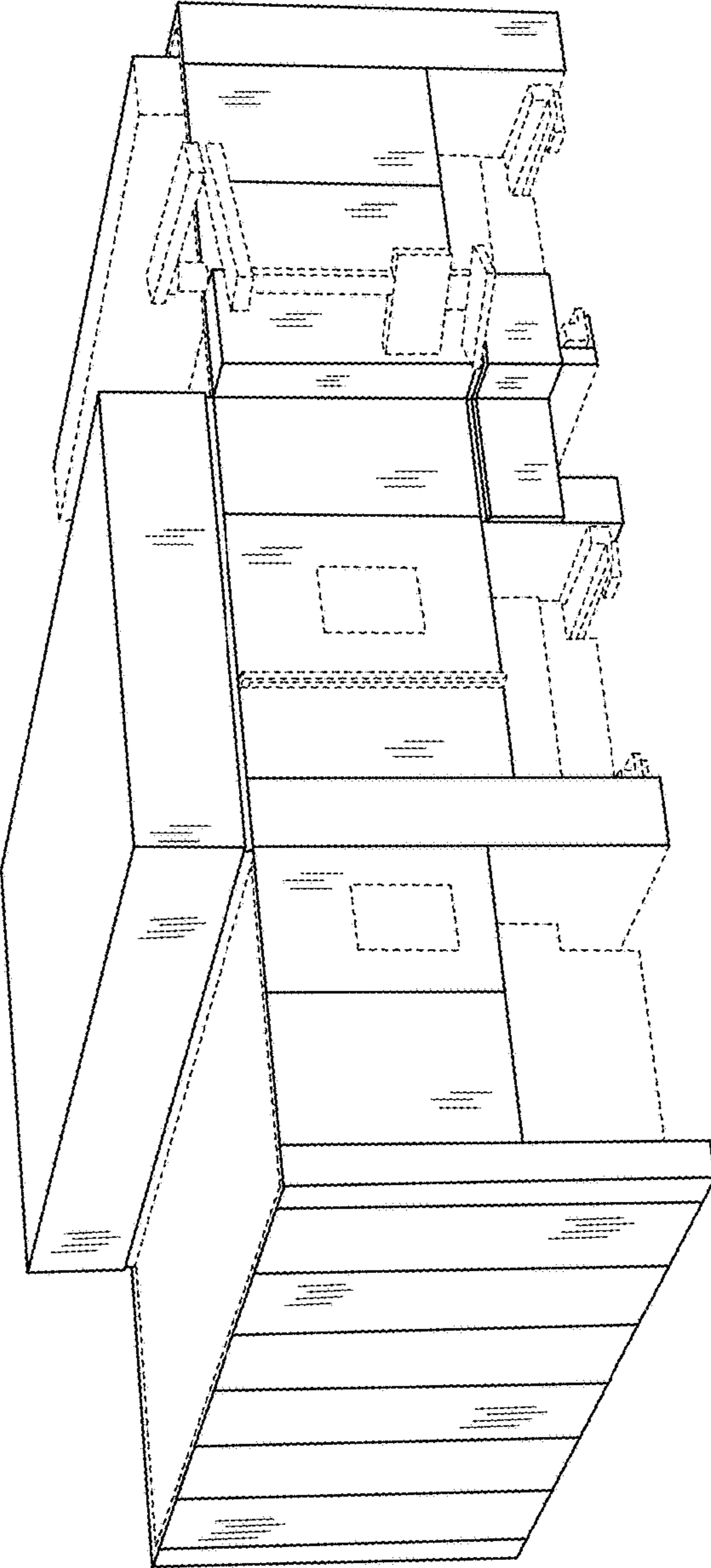


FIG. 1

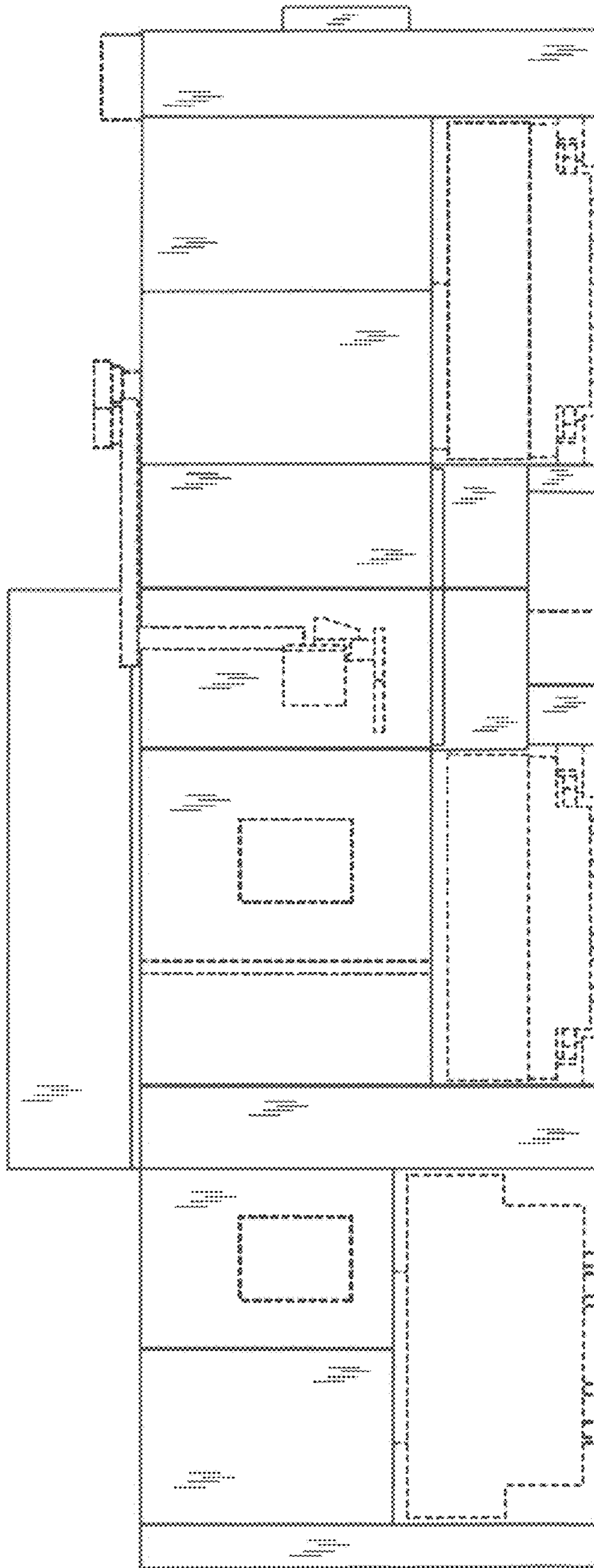


FIG. 2

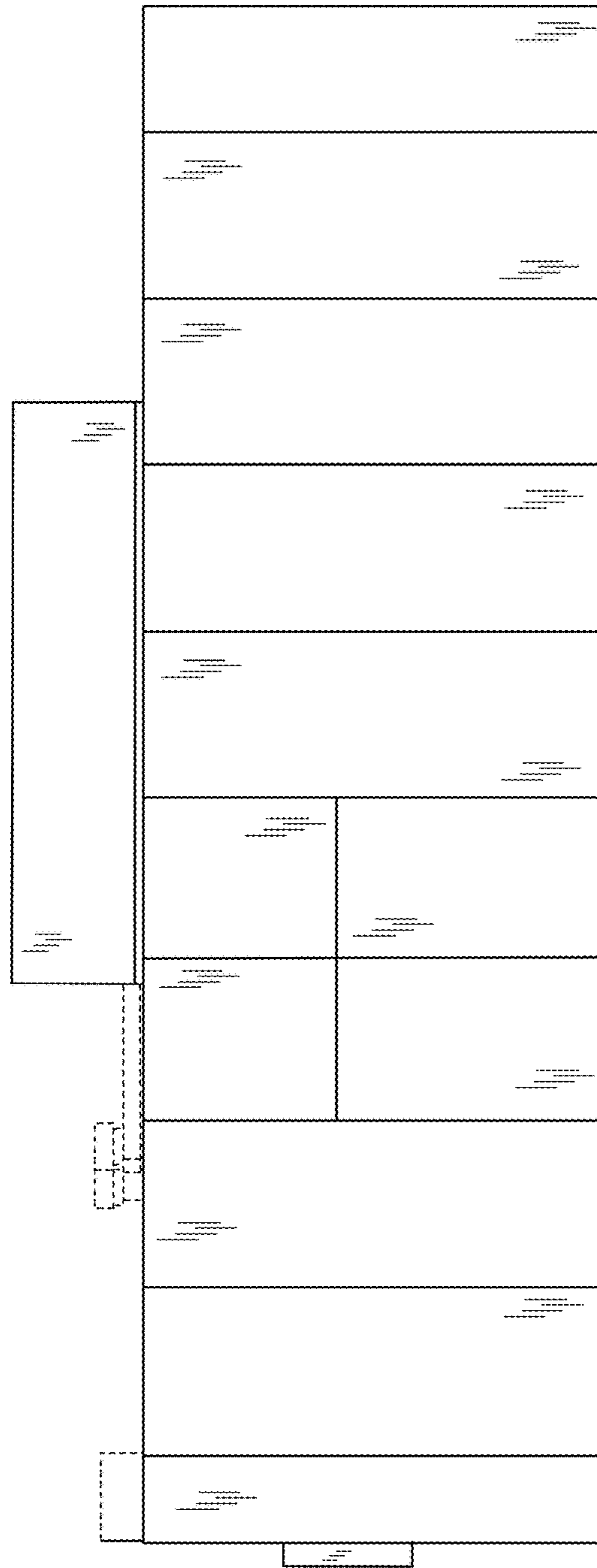


FIG. 3

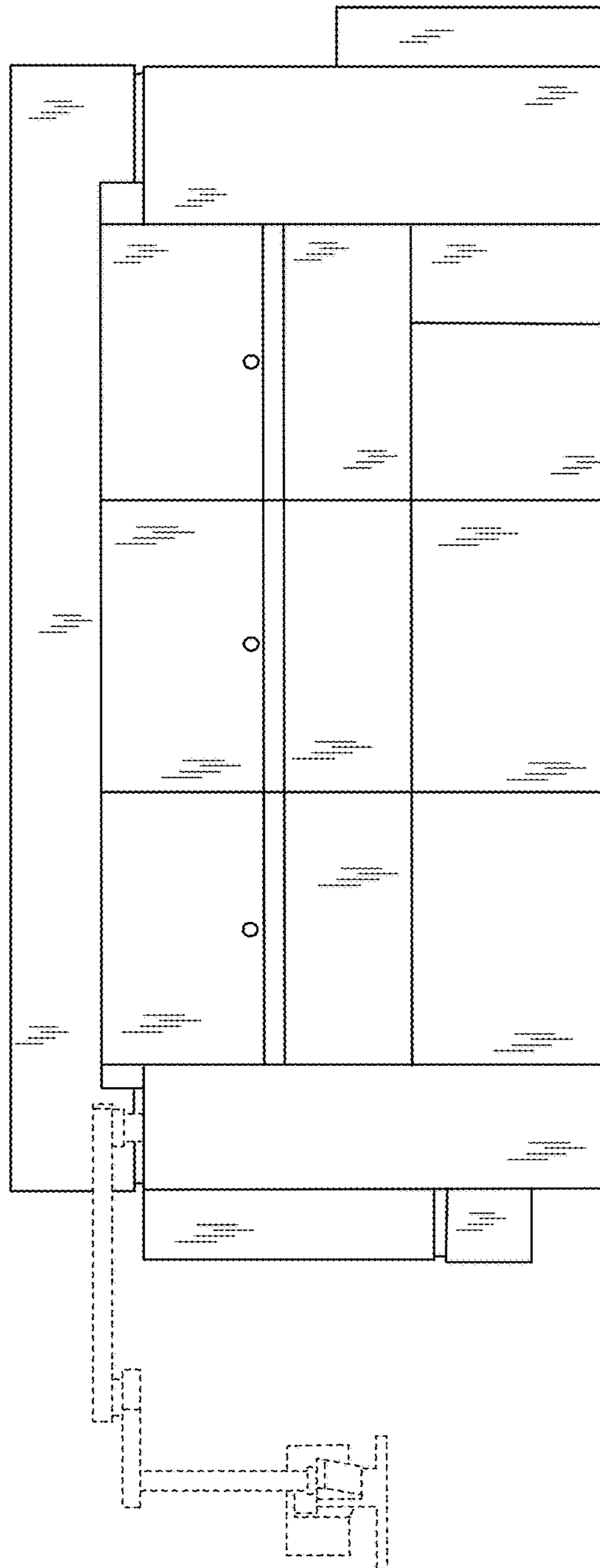


FIG. 4

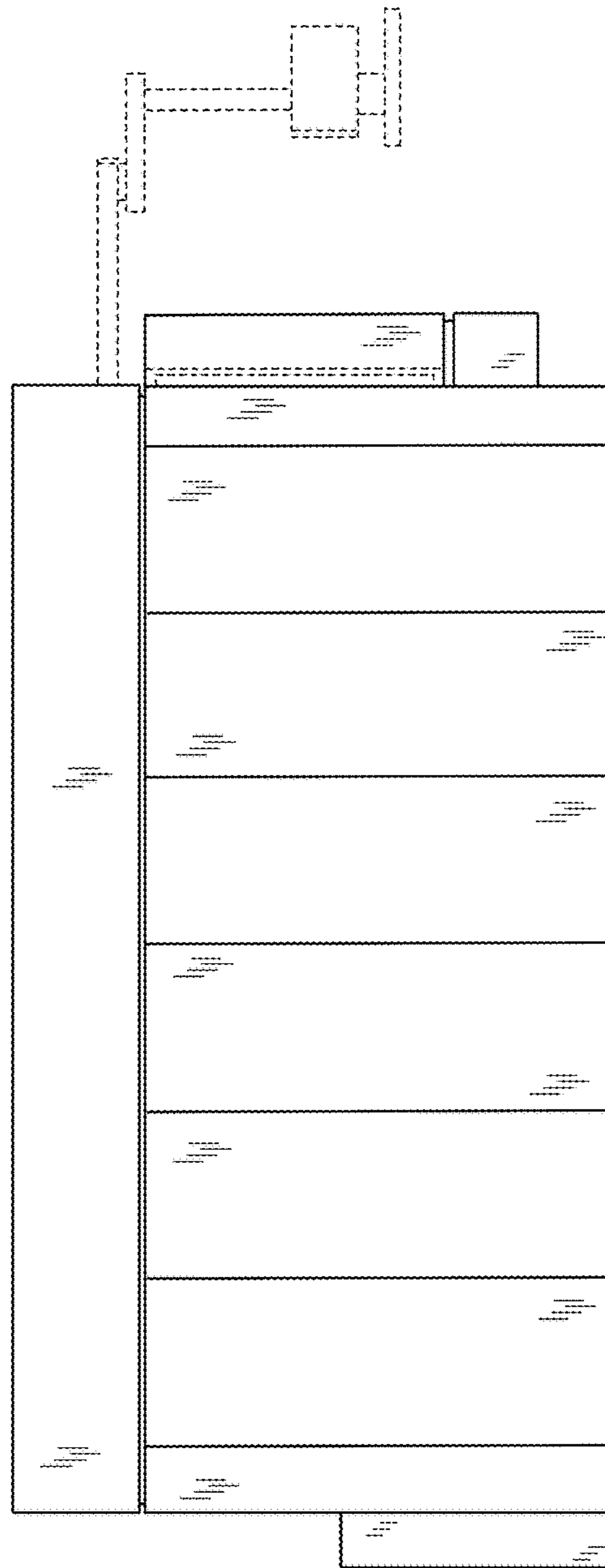


FIG. 5

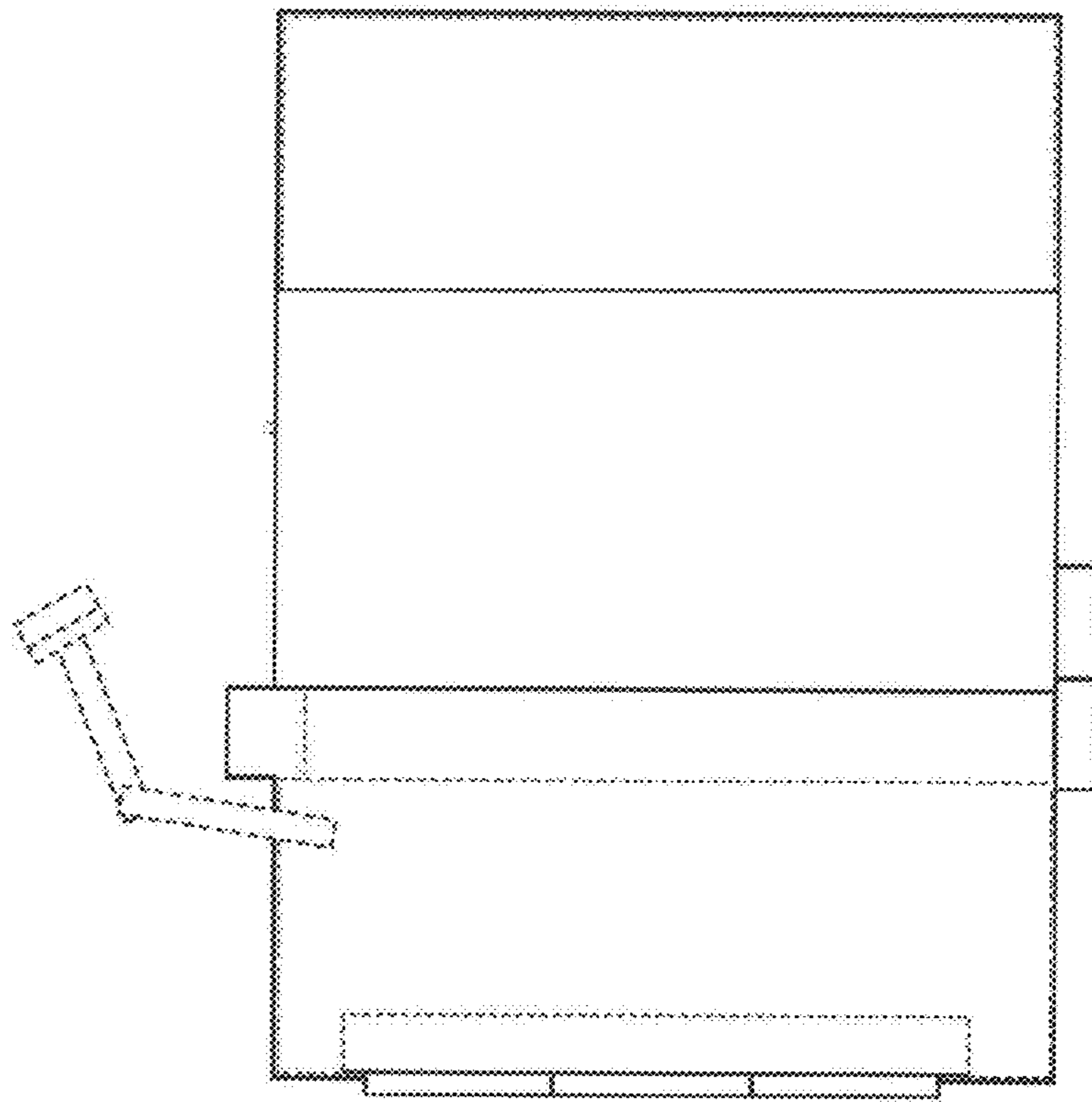


FIG. 6

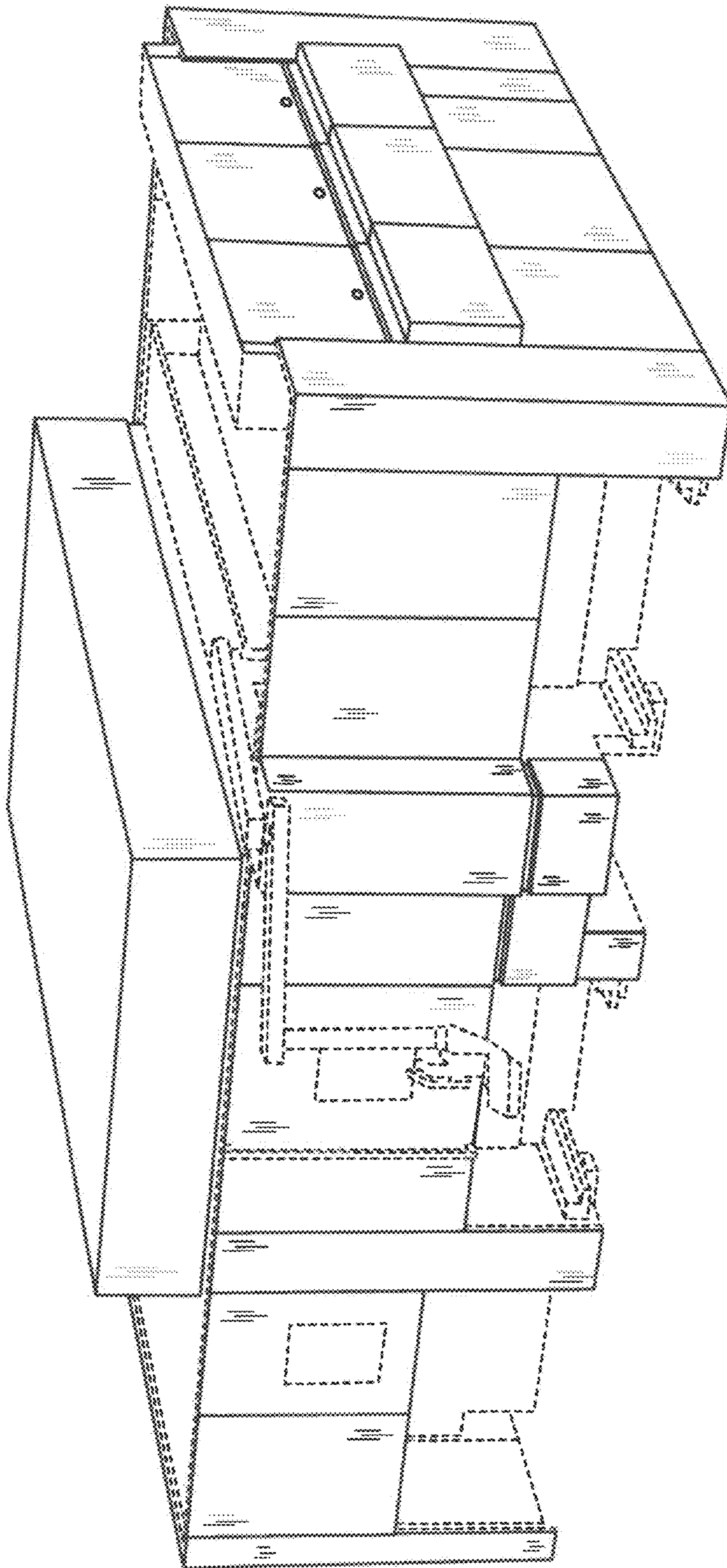


FIG. 7