



US00D821679S

(12) **United States Design Patent** (10) **Patent No.:** **US D821,679 S**
Mikolajczyk et al. (45) **Date of Patent:** **** Jun. 26, 2018**

(54) **CLUSTER BOX MAIL DELIVERY UNIT**

(56) **References Cited**

(71) Applicant: **United States Postal Service**,
Washington, DC (US)
(72) Inventors: **Ryszard K. Mikolajczyk**, Chicago, IL
(US); **Tauris D. Baskerville**,
Schaumburg, IL (US)
(73) Assignee: **United States Postal Service**,
Washington, DC (US)

U.S. PATENT DOCUMENTS

693,770 A 2/1902 Wright et al.
694,219 A 2/1902 Vestal
894,754 A 7/1906 Snaman
843,200 A 2/1907 Fessler

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0516898 A1 12/1992
WO 9712460 A1 4/1997

(Continued)

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

(21) Appl. No.: **29/601,564**

(22) Filed: **Apr. 24, 2017**

OTHER PUBLICATIONS

Appendix K—USPS Burke Test Site Report, User Interface Review of Mail Item Retrieval System, Burke Station, Burke Virginia, Dec. 24, 1998, 14 pages.

(Continued)

Related U.S. Application Data

(63) Continuation of application No. 29/548,675, filed on Dec. 15, 2015, now Pat. No. Des. 785,274, which is a continuation of application No. 29/492,725, filed on Jun. 2, 2014, now Pat. No. Des. 745,765, which is a continuation of application No. 14/170,398, filed on Jan. 31, 2014, now Pat. No. 8,973,812, which is a continuation of application No. 11/168,471, filed on Jun. 29, 2005, now Pat. No. 8,661,862.

(51) **LOC (11) Cl.** **99-00**

(52) **U.S. Cl.**
USPC **D99/29**

(58) **Field of Classification Search**
USPC D99/28, 29, 30, 31, 32, 33, 99; 312/35;
232/1 R, 1 A, 1 C, 1 D, 1 E, 2, 4 R, 17,
232/19, 20, 21, 22, 24, 27, 30, 31, 37, 38,
232/39, 44, 45
CPC A47G 29/12; A47G 29/1201; A47G
29/1203; A47G 29/1207; A47G 29/1209;
A47G 29/1216; A47G 29/1218; A47G
29/14; A47G 29/141; A47G 29/142;
A47G 29/148; A47G 29/16

See application file for complete search history.

Primary Examiner — Elizabeth J Oswecki

(74) *Attorney, Agent, or Firm* — Lewis Roca Rothgerber
Christie LLP

(57) **CLAIM**

The ornamental design for a cluster box mail delivery unit, as shown and described.

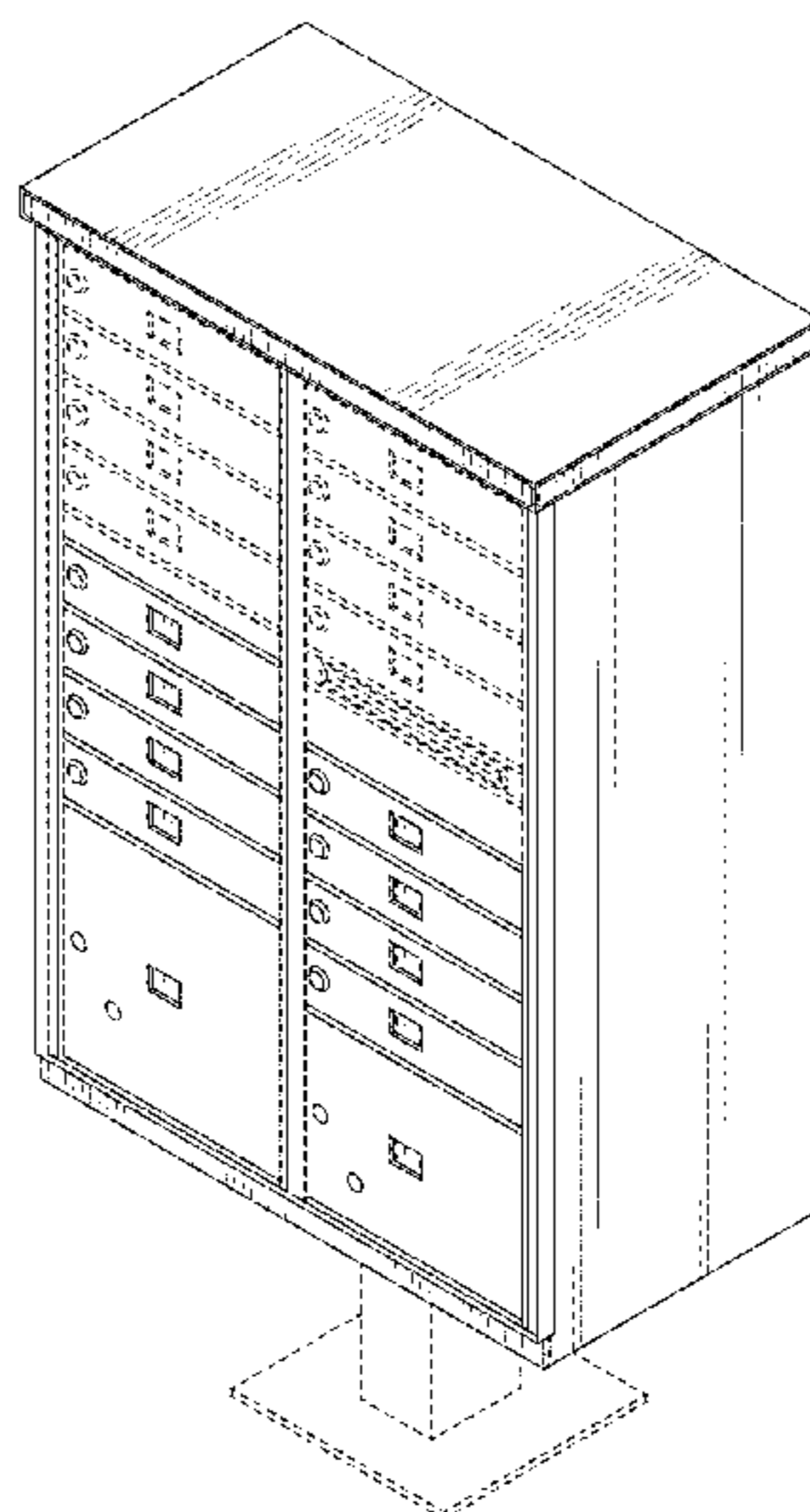
DESCRIPTION

FIG. 1 is a perspective view of a cluster box mail delivery unit showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a left side view thereof; and,
FIG. 5 is a top view thereof.

The rear and bottom views form no part of the claimed design.

The broken lines form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,246,124 B2 * 8/2012 Mackillop A47G 29/1201
232/25
8,661,862 B2 3/2014 Mikolajczyk et al.
8,973,812 B2 3/2015 Mikolajczyk et al.
9,051,752 B1 * 6/2015 Muthusami E04H 13/008
D745,765 S 12/2015 Mikolajczyk et al.
9,322,207 B2 * 4/2016 Savage E05B 1/0092
D785,274 S * 4/2017 Mikolajczyk D99/29
D789,022 S * 6/2017 Spears D99/29
2001/0032181 A1 10/2001 Jakstadt et al.
2001/0035703 A1 11/2001 Scholefield
2002/0032572 A1 3/2002 Ikemori et al.
2002/0035515 A1 3/2002 Moreno
2002/0046173 A1 4/2002 Kelly
2002/0049672 A1 4/2002 Kitchen et al.
2002/0056296 A1 5/2002 Weinerman et al.
2002/0063148 A1 5/2002 Cox et al.
2002/0103653 A1 8/2002 Huxter
2002/0147919 A1 10/2002 Gentry
2002/0156645 A1 10/2002 Hansen
2002/0162883 A1 11/2002 Arvonio et al.
2003/0006275 A1 1/2003 Gray
2003/0077409 A1 4/2003 Schnell
2003/0079129 A1 4/2003 Lindsay
2003/0136823 A1 7/2003 Felice et al.
2003/0154891 A1 8/2003 Fassbender et al.
2003/0205614 A1 11/2003 Klima, Jr. et al.
2003/0213837 A1 11/2003 Morgan
2004/0122780 A1 6/2004 Devar
2006/0101874 A1 5/2006 Mikolajczyk et al.
2006/0151588 A1 7/2006 Mikolajczyk et al.
2008/0223091 A1 9/2008 Kroening et al.
2009/0145956 A1 6/2009 Mikolajczyk et al.
2009/0179735 A1 7/2009 Van Rysseberghe
2010/0206945 A1 8/2010 Mikolajczyk et al.
2014/0144975 A1 5/2014 Mikolajczyk et al.

FOREIGN PATENT DOCUMENTS

WO 0013368 A1 5/2000
WO 0118718 A1 3/2001
WO 0100069 A3 5/2001
WO 0165444 A1 9/2001
WO 0199005 A1 12/2001
WO 0199009 A2 12/2001
WO 0199037 A1 12/2001
WO 0208961 A1 1/2002
WO 0221315 A1 3/2002
WO 02066344 A1 8/2002
WO 02079947 A3 2/2003
WO 03023677 A1 3/2003
WO 2003097503 A1 5/2004
WO 2006004712 A2 1/2006
WO 2006004712 A3 1/2006
WO 2006004713 A2 1/2006
WO 2006004713 A3 1/2006

OTHER PUBLICATIONS

Appendix L—In-plant Test Report (Re-Test Failed Items); Mail Item Retrieval System (MIRS), Oct. 21, 1998, 14 pages.
Appendix M—Hoffman, Ronald B. et al., Heuristic Evaluation of the USPS Mail Item Retrieval System Early Prototype, Mitretek Systems, May 11, 1998, 20 pages.
Article 34 Amendments, Letter Accompanying Replacement Sheets, Systems and Methods for Electronic Message Content Identification, International Filing No. PCT/US01/19698, dated Jun. 20, 2001, 2 pages.
Bartholomew, Doug, The Future of Snail Mail; the Postal Service is gearing up for competition. But can it deliver? Dialog Search, Information Week n. 556, Dec. 4, 1995, 6 pages.

Bhushan, B. et al., Federated Accounting: Service Charging and Billing in a Business-to-Business Environment, Integrated Network Management Proceedings, IEEE/IFIP International Symposium, May 14-18, 2001, 16 pages.
Campbell, Leo J. et al., Methods and Systems for Proofing identities Using a Certificate Authority, U.S. Appl. No. 09/809,325, filed Mar. 16, 2001, 137 pages.
Campbell, Leo J. et al., Methods and Systems for Providing an Electronic Account to a Customer, U.S. Appl. No. 09/809,581, filed Mar. 16, 2001, 142 pages.
Campbell, Leo J., Systems and Methods for Providing Electronic Archiving, U.S. Appl. No. 60/231,337, filed Sep. 8, 2000, 10 pages.
CONNECT Announces OneServer interactive online application platform, Business Wire, Dialog, Apr. 10, 1995, 2 pages.
Cook, Jon L. et al., Methods and Systems for Linking an Electronic Address to a Physical Address of a Customer, U.S. Appl. No. 09/809,326, filed Mar. 16, 2001, 148 pages.
Cook, Jon L. et al., Methods and Systems for Providing a Secure Electronic Mailbox, U.S. Appl. No. 09/809,312, filed Mar. 16, 2001, 173 pages.
Czerny, Manfred, Customer Account Management System for Steweag Key Accounts, Electricity Distribution, Par 1, IEEE Conf. Publ. No. 438, vol. 5, Jun. 2, 1997, 6 pages.
DIALOG, Joint Direct Bill Payment Form for Michigan Utilities, Bank Technology News, Apr. 1994, 1 page.
FedEx eBusiness Tools online service feature, FedEx Ship Manager Software, <http://www.fedex.com/us/ebusiness/eshipping/ship.html>, Nov. 28, 2001, 2 pages.
FedEx, Customer Service, Fact Facts online service feature, <http://www.fedex.com/us/customer/fastfacts/backissues/101100fastfacts.html>, Oct. 11, 2000, 4 pages.
International Search Report and Written Opinion for Application No. PCT/US05/22857, dated Dec. 21, 2005, 9 pages.
International Search Report and Written Opinion for Application No. PCT/US2002/04866, dated May 23, 2002, 5 pages.
International Search Report and Written Opinion for Application No. PCT/US2005/22856, dated Oct. 12, 2007, 8 pages.
International Search Report for Application No. PCT/US2000/27068, dated Apr. 5, 2001, 3 pages.
International Search Report for Application No. PCT/US2001/08490, dated Jan. 22, 2002, 2 pages.
International Search Report for Application No. PCT/US2001/19384, dated Nov. 16, 2001, 1 page.
International Search Report for Application No. PCT/US2001/19421, dated Nov. 19, 2001, 1 page.
International Search Report for Application No. PCT/US2001/23177, dated Oct. 18, 2001, 1 page.
International Search Report for Application No. PCT/US2001/27690, dated Nov. 19, 2001, 1 page.
International Search Report for Application No. PCT/US2001/28001, dated Dec. 21, 2001, 3 pages.
International Search Report for Application No. PCT/US2002/028548, dated Dec. 18, 2002, 1 page.
International Search Report for Application No. PCT/US2002/09870, dated Dec. 5, 2002, 2 pages.
International Written Opinion for Application No. PCT/US2001/08488, dated Oct. 28, 2002, 10 pages.
International Written Opinion for Application No. PCT/US2001/19384, dated Jun. 17, 2002, 4 pages.
International Written Opinion for Application No. PCT/US2002/09870, dated Mar. 6, 2003, 6 pages.
Itu, Recommendation F. 400/X.400 message handling and directory services—operation and definition of service, Nov. 14, 1988, CCITT, Melbourne, 12 pages.
Newkirk, Kristine M., Banks can slice transaction costs, Independent Banker, vol. 45, No. 12, Dialog, Dec. 1995, 3 pages.
Orbke, Wayne H., et al., Methods and Systems for Establishing an Electronic Account for a Customer, U.S. Appl. No. 09/809,328, filed Mar. 16, 2001, 167 pages.
Stafford, Clayton D. et al., Delivering Marketing Expertise to the Front Lines, Expert IEEE, vol. 9, Issue 2, 1994, 12 pages.

* cited by examiner

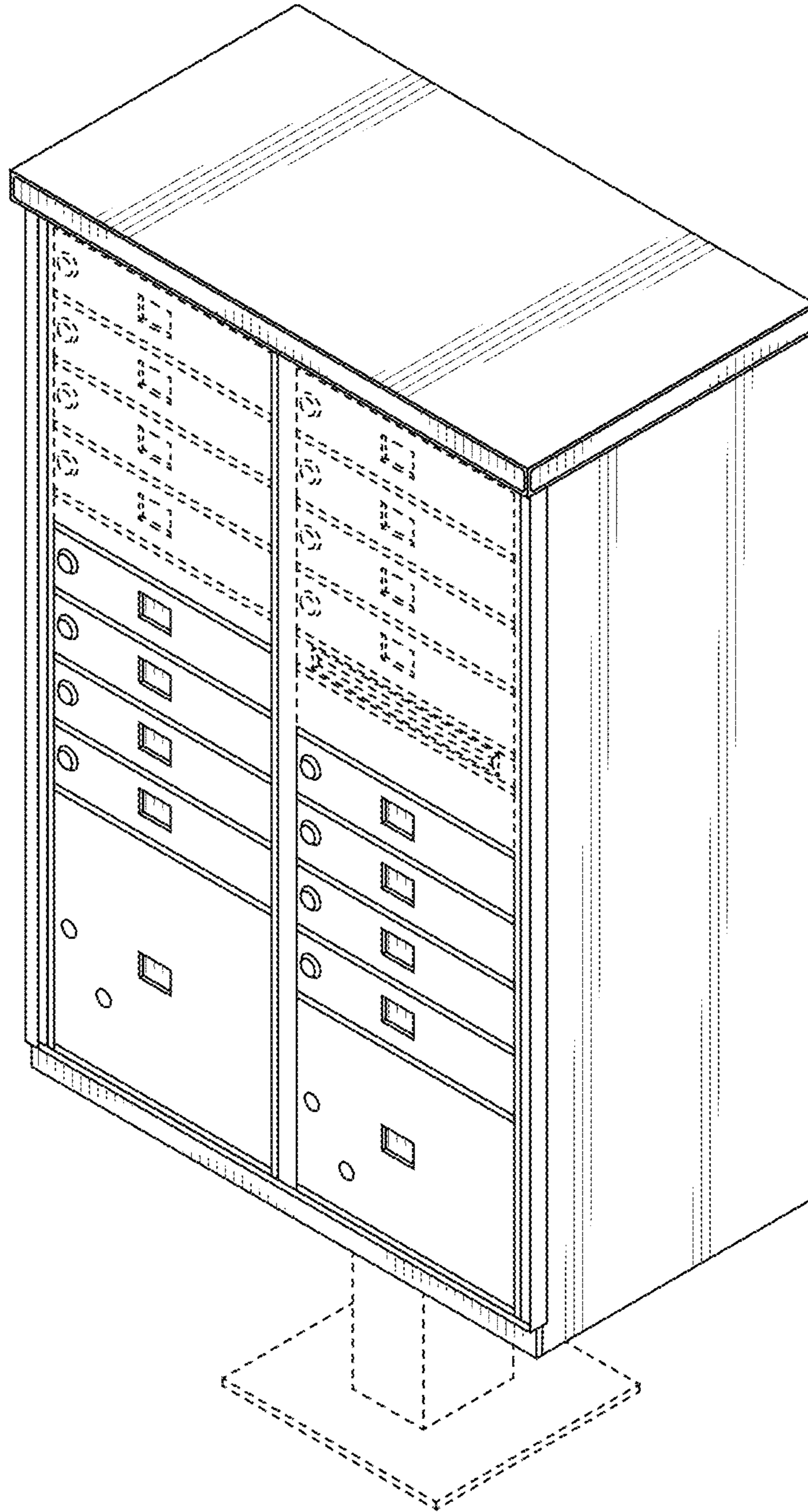


FIG. 1

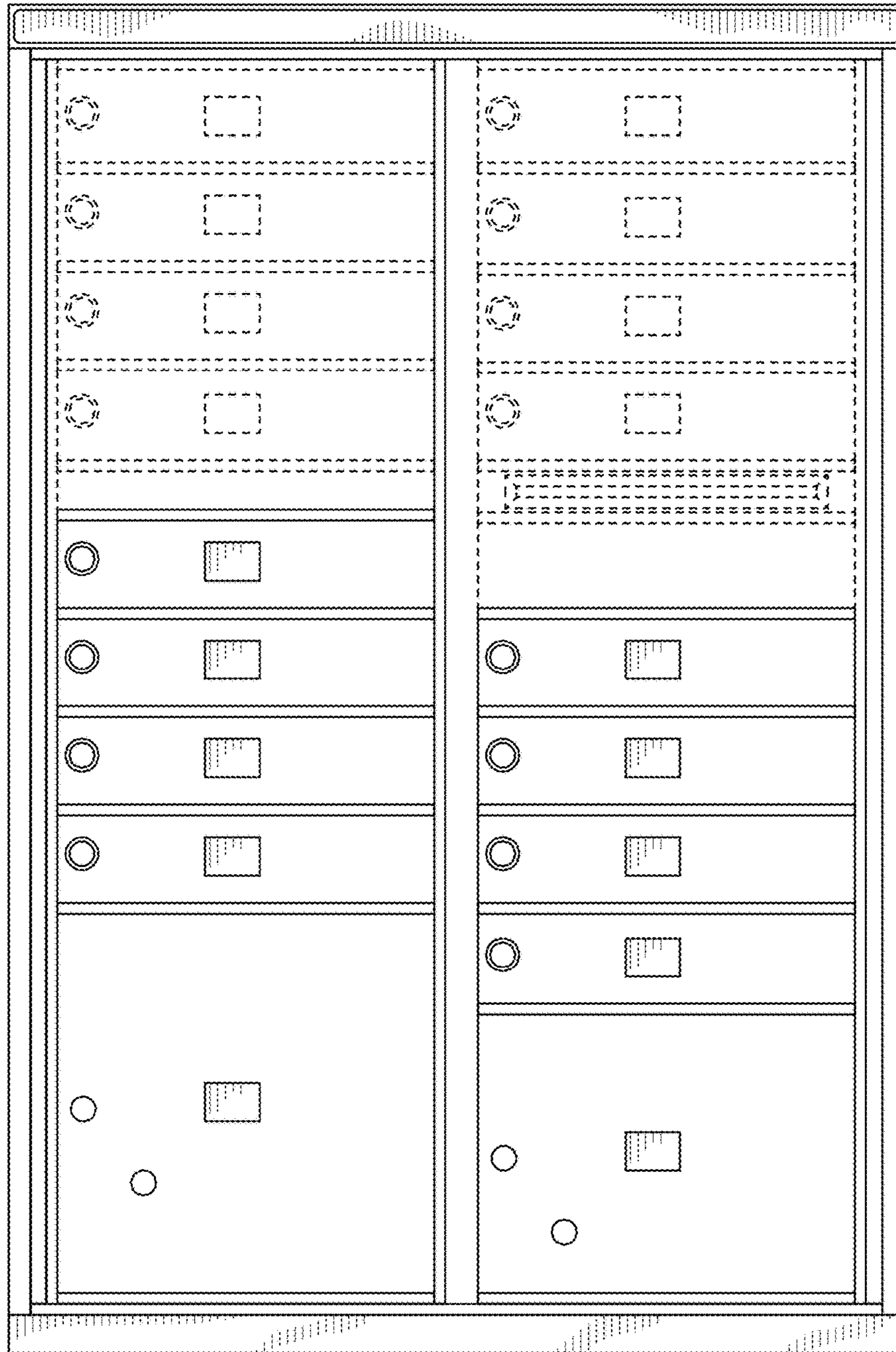


FIG. 2

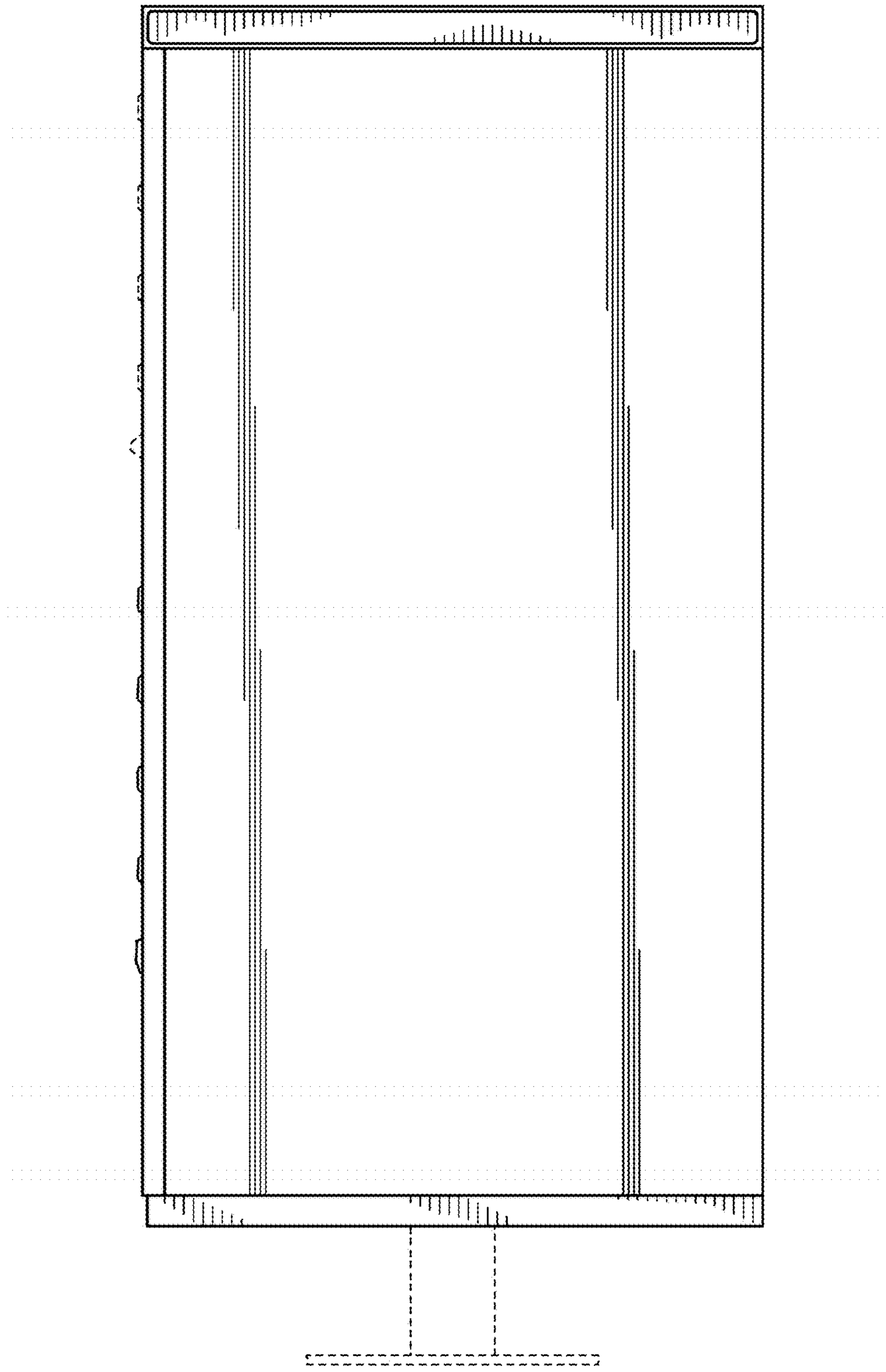


FIG. 3

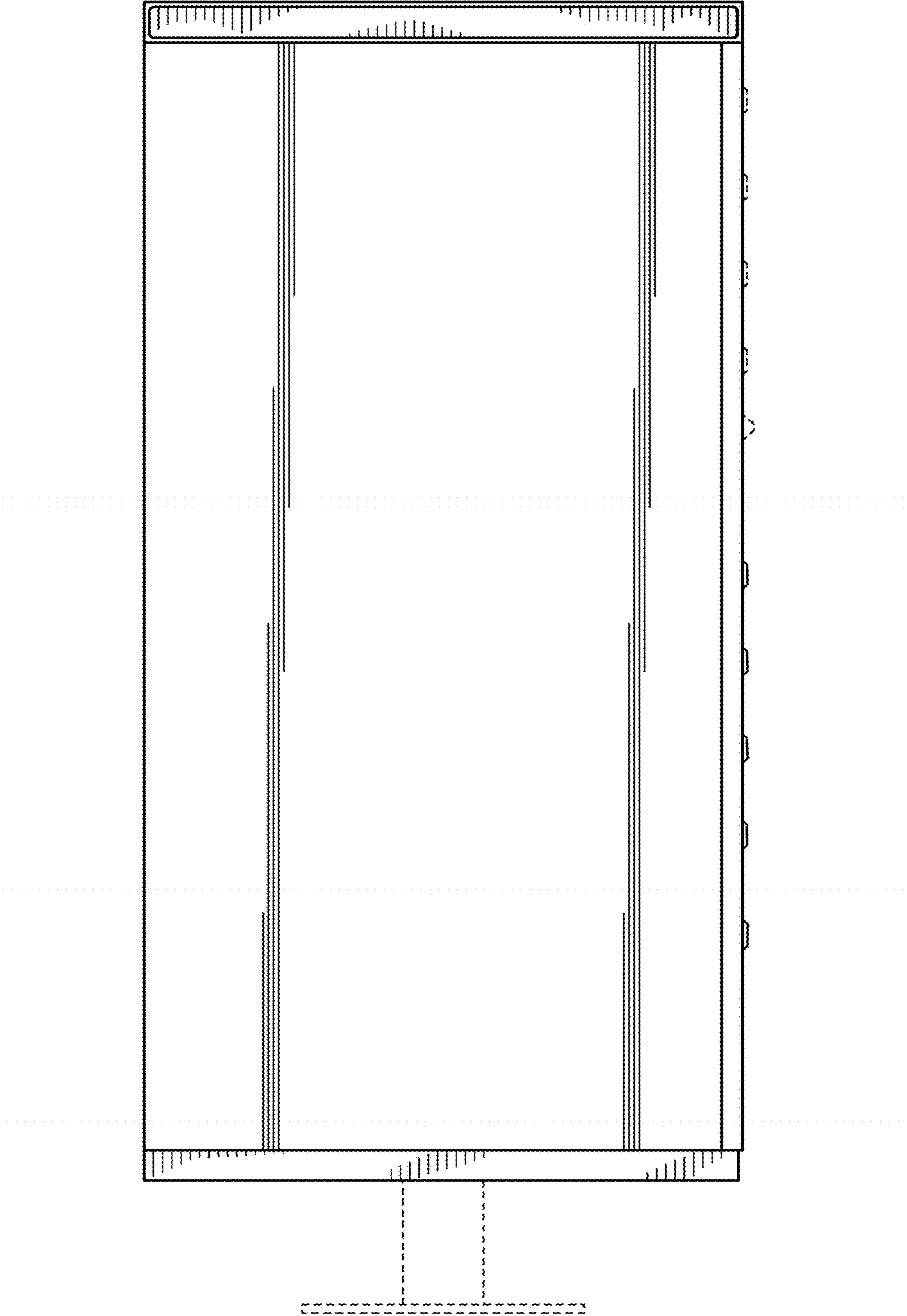


FIG. 4

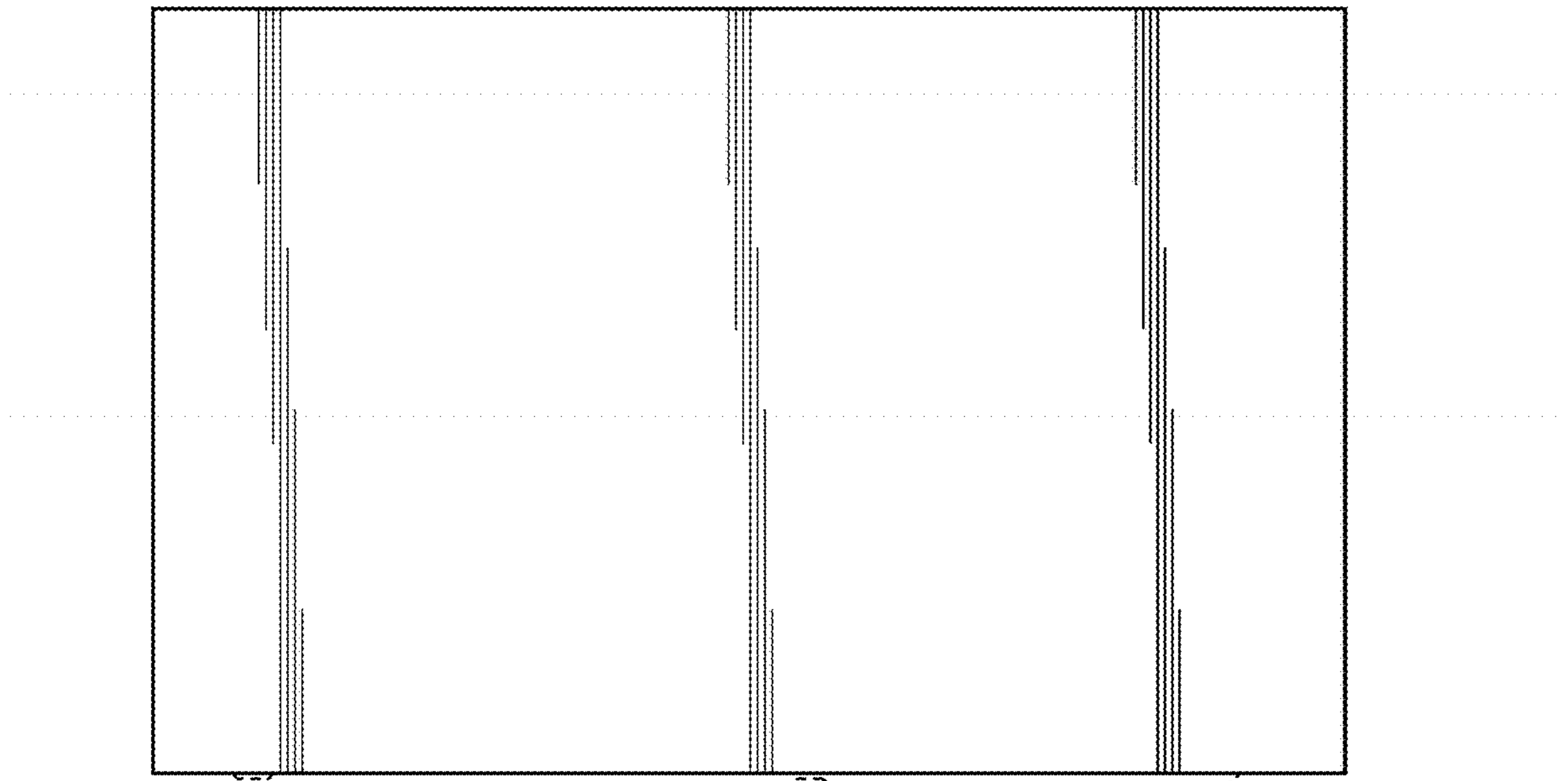


FIG. 5