

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)

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

FOREIGN PATENT DOCUMENTS

EP 0516898 A1 12/1992
WO 9712460 A1 4/1997
(Continued)

(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.

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.

(Continued)

Primary Examiner — Elizabeth J Oswecki
(74) *Attorney, Agent, or Firm* — Lewis Roca Rothgerber Christie LLP

(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

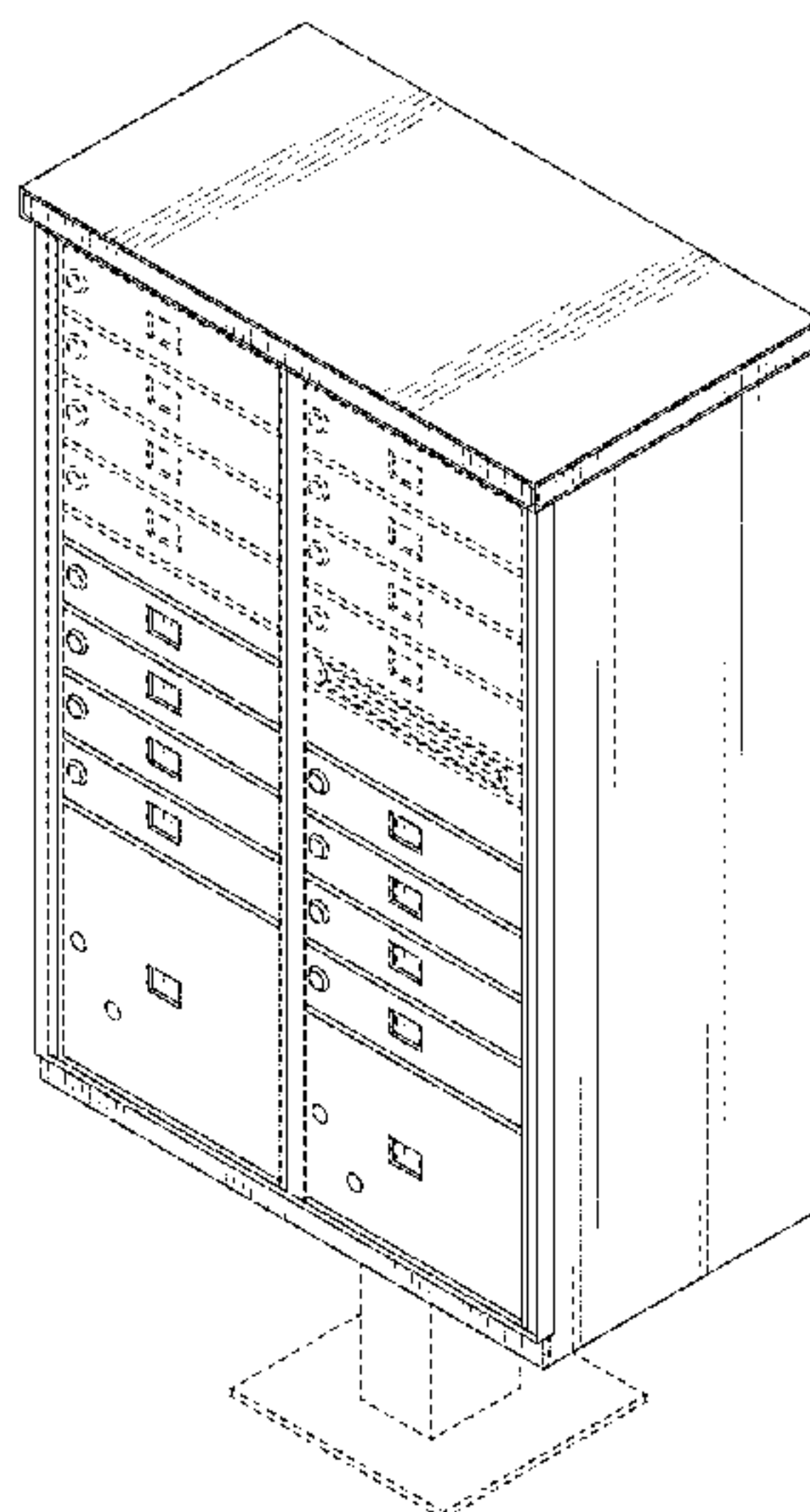
See application file for complete search history.

(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

950,935 A	3/1910	Lorenz et al.	5,400,960 A	3/1995	Jeffs
1,060,018 A	4/1913	Pape	5,404,231 A	4/1995	Bloomfield
1,222,964 A	4/1917	Matchette	D366,576 S	1/1996	Stacy
1,350,770 A	8/1920	Bates et al.	5,520,450 A	5/1996	Colson, Jr. et al.
1,362,949 A	12/1920	Lillard	5,542,720 A	8/1996	Fleming
1,459,031 A	6/1923	Murphy	5,562,332 A	10/1996	Stacy
1,508,801 A	9/1924	Miller et al.	5,573,178 A	11/1996	Worden
1,574,354 A	2/1926	Barth	5,588,588 A	12/1996	Byrd
1,604,629 A	10/1926	Beer	5,638,446 A	6/1997	Rubin
1,629,620 A	5/1927	Harmony	5,701,770 A	12/1997	Cook et al.
1,632,762 A	6/1927	Hammer	5,710,887 A	1/1998	Chelliah et al.
1,642,533 A	9/1927	Beer	5,774,053 A	6/1998	Porter
1,683,217 A	9/1928	Ward, Jr.	5,781,629 A	7/1998	Haber et al.
1,683,218 A	9/1928	Ward, Jr.	5,794,844 A	8/1998	Jenkins
1,695,524 A	12/1928	Blackman	5,820,018 A	10/1998	Stacy
1,709,363 A	4/1929	Murphy	5,820,019 A	10/1998	Spitale
1,719,541 A	7/1929	Gaffner et al.	5,857,188 A	1/1999	Douglas
1,735,379 A	11/1929	Content	5,870,549 A	2/1999	Bobo, II
1,817,191 A	8/1931	Harmony	5,878,233 A	3/1999	Schloss
1,823,514 A	9/1931	Shrauger	5,917,411 A	6/1999	Baggarly
1,874,696 A	8/1932	Cole	5,917,925 A	6/1999	Moore
1,932,468 A	10/1933	Knell	5,943,656 A	8/1999	Crooks et al.
1,957,271 A	5/1934	Keil	5,971,557 A	10/1999	Kubes et al.
2,097,504 A	11/1937	Wells	5,979,750 A	11/1999	Kindell
2,370,682 A	3/1945	Overmyer	6,006,200 A	12/1999	Boies et al.
2,444,679 A	7/1948	Shaukis	D419,747 S	1/2000	Noblet et al.
2,448,225 A	8/1948	Malloy	6,028,517 A	2/2000	Sansone et al.
2,480,288 A	8/1949	Donadio	6,033,761 A	3/2000	Dwiggins et al.
2,518,141 A	8/1950	Hiler	6,035,402 A	3/2000	Vaeth et al.
2,563,094 A	8/1951	Becker	6,047,264 A	4/2000	Fisher et al.
2,658,667 A	11/1953	Mirkin	6,064,995 A	5/2000	Sansone et al.
D180,171 S	4/1957	Band	D426,236 S	6/2000	Kim et al.
2,803,512 A	8/1957	Band	6,070,793 A	6/2000	Reichl et al.
2,841,327 A	7/1958	Chasworth	6,085,170 A	7/2000	Tsukuda
2,852,926 A	9/1958	Chervenka	6,138,910 A	10/2000	Madruga
2,960,265 A	11/1960	Simon	6,152,369 A	11/2000	Wilz, Sr. et al.
3,296,842 A	1/1967	Auerbach et al.	D436,963 S	1/2001	Kim et al.
D210,257 S	2/1968	Favaro	6,219,669 B1	4/2001	Haff et al.
D210,332 S	2/1968	Favaro	6,233,565 B1	5/2001	Lewis et al.
3,696,463 A	10/1972	Watson	6,243,620 B1	6/2001	Robinson et al.
3,709,189 A	1/1973	Widham	6,246,925 B1	6/2001	Robinson et al.
3,722,236 A	3/1973	Zelenko	6,247,641 B1	6/2001	Noblet et al.
3,784,089 A	1/1974	Koch	6,259,964 B1	7/2001	Robinson
3,790,244 A	2/1974	Stackhouse	6,285,991 B1	9/2001	Powar
D248,138 S	6/1978	Stackhouse et al.	6,289,323 B1	9/2001	Gordon et al.
4,121,756 A	10/1978	Bonner	6,296,181 B1	10/2001	Noblet et al.
4,135,662 A	1/1979	Dlugos	6,300,873 B1	10/2001	Kucharczyk et al.
4,161,274 A	7/1979	Bishop et al.	6,323,782 B1	11/2001	Stephens et al.
4,309,569 A	1/1982	Merkle	6,347,737 B1	2/2002	Madruga
4,500,122 A	2/1985	Douglas	6,394,565 B1	5/2002	Greenhalgh
4,557,416 A	12/1985	Stahl et al.	6,439,825 B1	8/2002	Bonsall
4,574,352 A	3/1986	Coppola et al.	6,442,571 B1	8/2002	Haff et al.
4,650,113 A	3/1987	Hunt	D471,691 S	3/2003	Ducolon
D293,863 S	1/1988	Chester	6,629,634 B2	10/2003	Simmons
4,725,718 A	2/1988	Sansone et al.	6,644,542 B2	11/2003	Cox et al.
4,727,368 A	2/1988	Larson et al.	6,681,604 B1	1/2004	Samsel
4,778,201 A	10/1988	Kouno et al.	6,749,109 B2	6/2004	Hill
4,836,352 A	6/1989	Tateno et al.	6,817,637 B1	11/2004	Anderson
4,865,248 A	9/1989	Barth	6,889,894 B2 *	5/2005	Yong A47G 29/1201 211/10
4,883,223 A	11/1989	Taniguchi	6,923,367 B1	8/2005	Grossman et al.
4,905,891 A	3/1990	Wildish et al.	6,933,832 B1	8/2005	Simms et al.
4,913,342 A	4/1990	Fluck	6,967,575 B1	11/2005	Dohrmann et al.
5,000,378 A	3/1991	Dorr et al.	D528,734 S *	9/2006	Phelps D99/28
D315,996 S	4/1991	Barth et al.	D536,155 S	1/2007	Mikolajczyk et al.
5,043,908 A	8/1991	Manduley et al.	7,158,941 B1	1/2007	Thompson
5,056,711 A	10/1991	Bush	7,178,716 B2	2/2007	Yong
5,103,659 A	4/1992	Benefield, Sr.	D543,335 S	5/2007	Mikolajczyk et al.
D326,757 S	6/1992	Ullman	D547,025 S	7/2007	Mikolajczyk et al.
5,136,646 A	8/1992	Haber et al.	D549,424 S	8/2007	Mikolajczyk et al.
5,136,647 A	8/1992	Haber et al.	7,318,632 B2	1/2008	Bidinger et al.
D332,166 S	12/1992	Williams	7,604,158 B1 *	10/2009	Bond A47G 29/1201 232/24
5,172,970 A	12/1992	Momose et al.	7,748,606 B2	7/2010	Mikolajczyk et al.
D335,377 S	5/1993	Speciale	7,857,199 B2	12/2010	Mikolajczyk et al.
5,223,829 A	6/1993	Watabe	D640,445 S	6/2011	Stevens
5,373,561 A	12/1994	Haber et al.	7,963,436 B2	6/2011	Mikolajczyk et al.
			8,167,195 B2	5/2012	Mikolajczyk et al.

(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 Rysselberghe	
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, Diaglog, 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

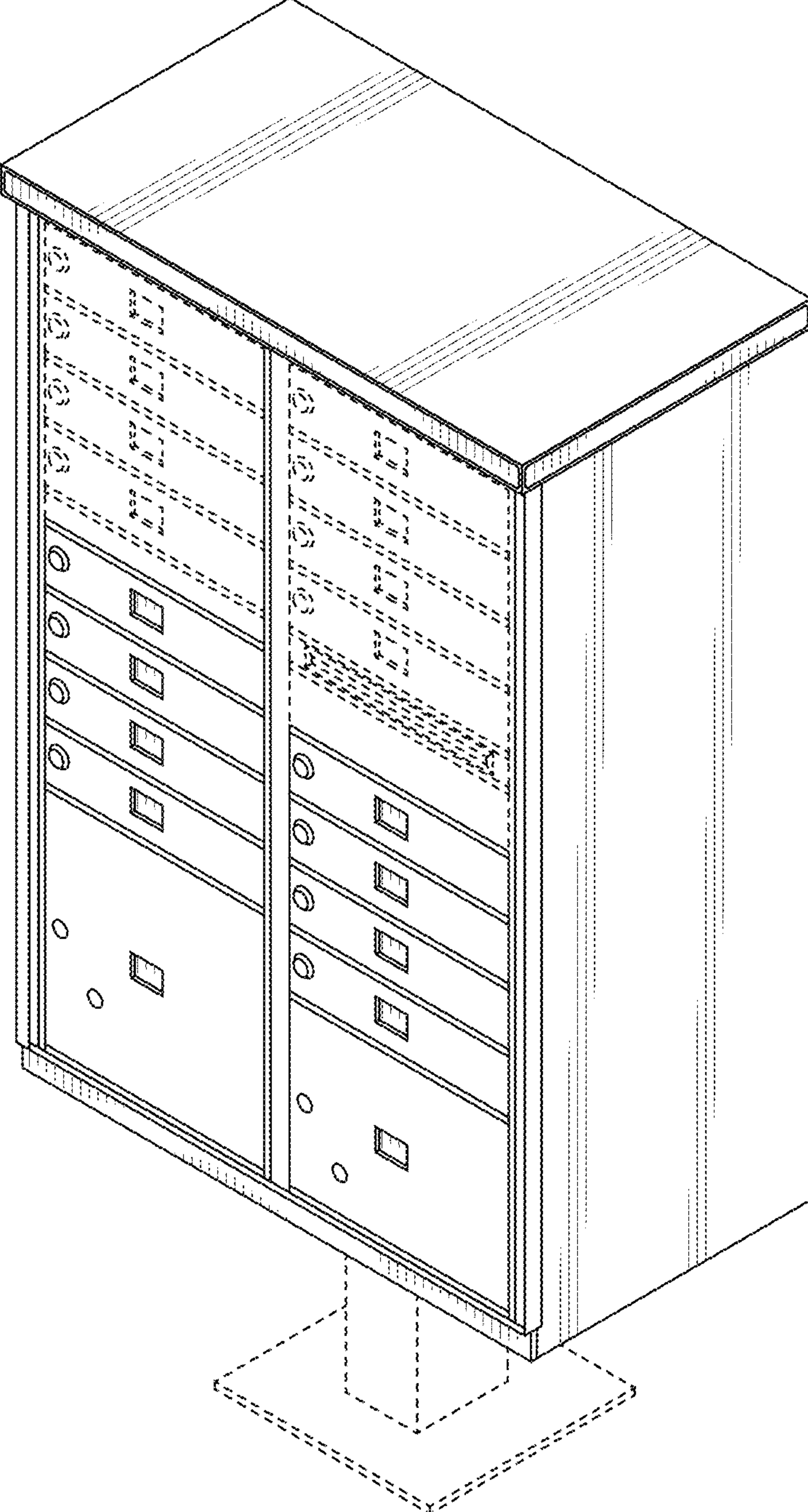


FIG. 1

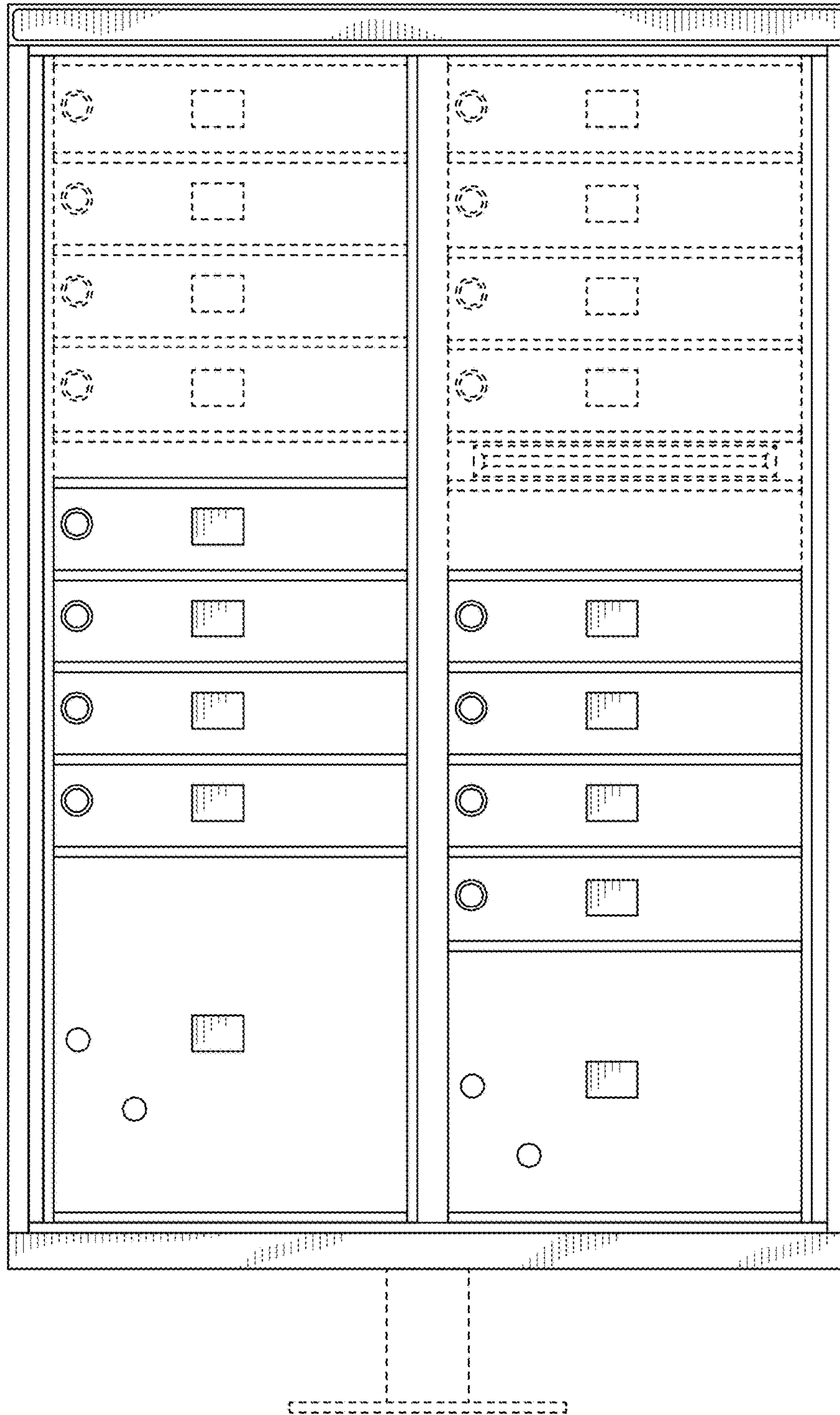


FIG. 2

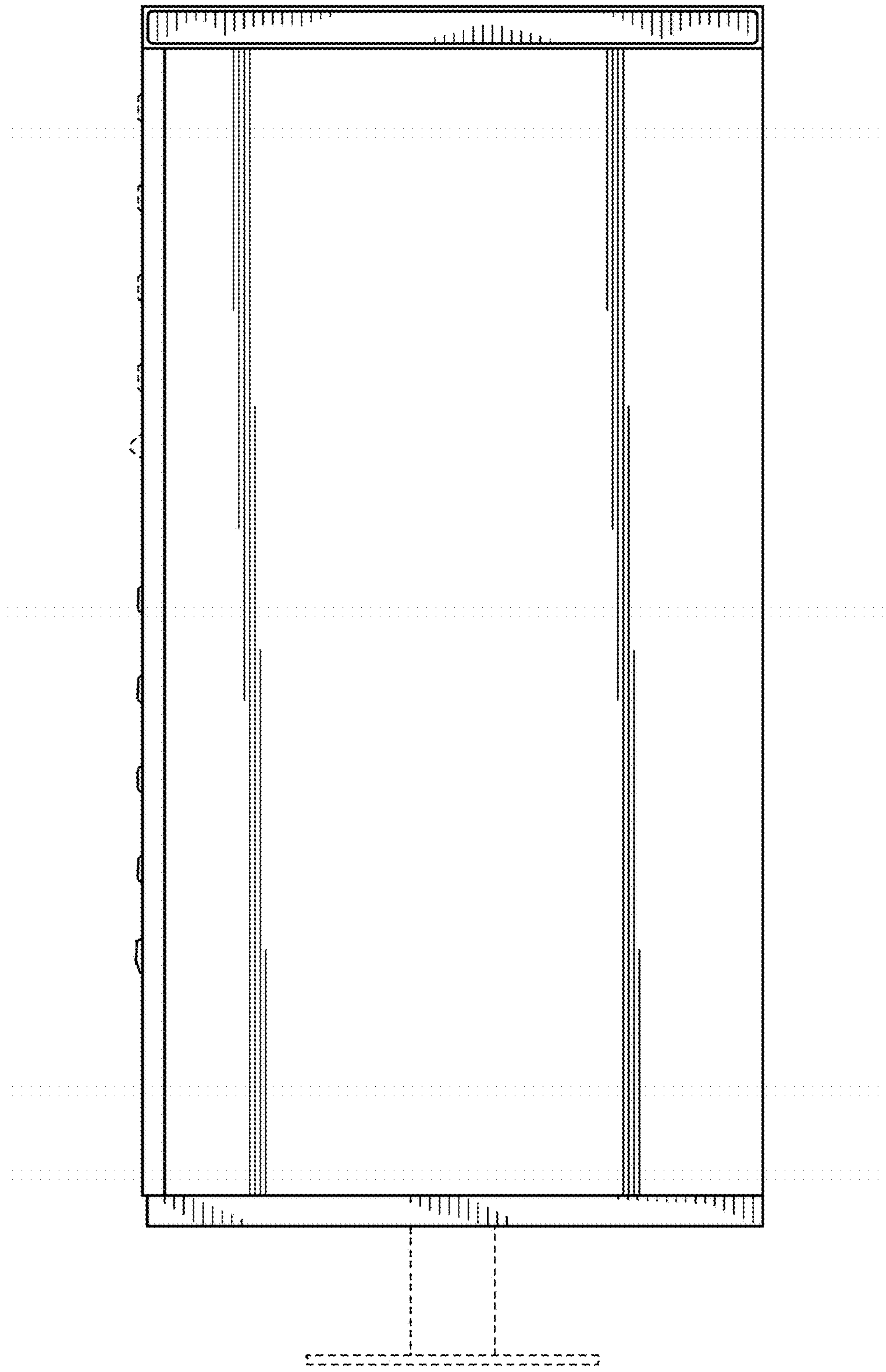


FIG. 3

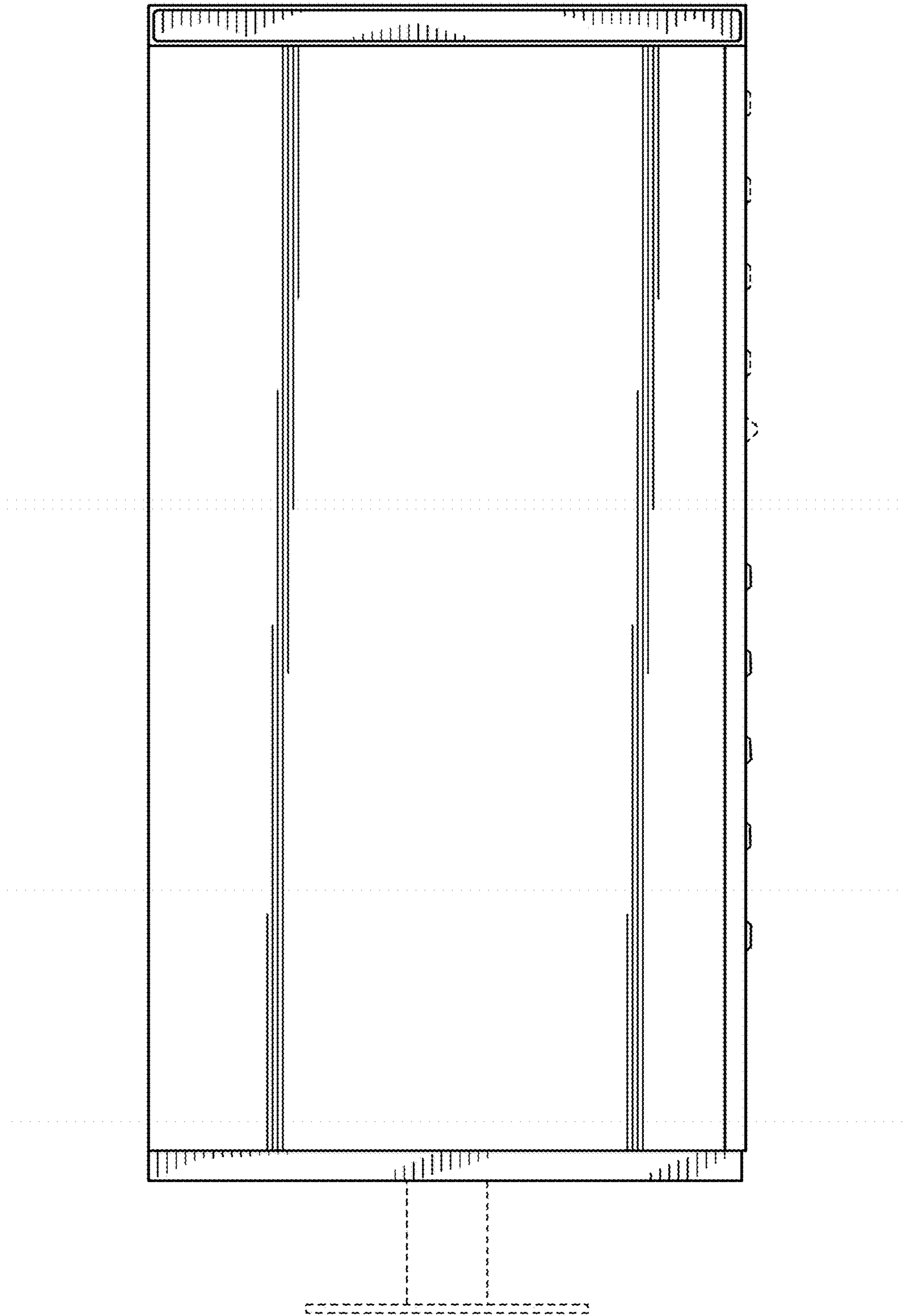


FIG. 4

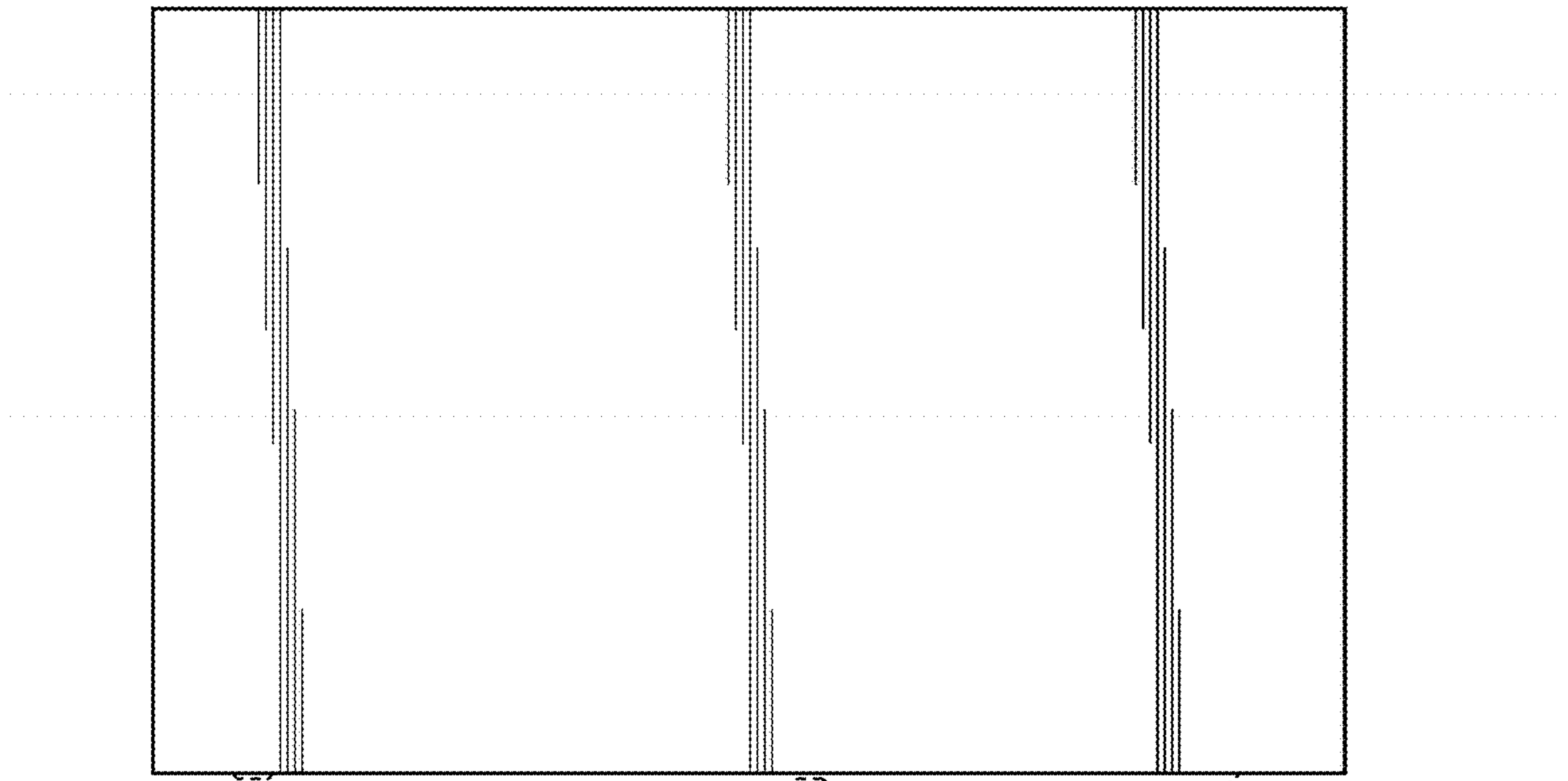


FIG. 5