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(12) **United States Design Patent** (10) **Patent No.:** **US D829,400 S**
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(54) **TRASH CAN**

FOREIGN PATENT DOCUMENTS

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AU 622536 4/1992
CA 2519295 3/2007

(Continued)

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OTHER PUBLICATIONS

Amazon, "Superhuman Liner Rim Dual Bucket Rectangular Recycling Step Trash Can . . . ", Dec. 1, 2016. https://www.amazon.com/simplehuman-Bucket-Rectangular-Recycling-Stainless/dp/B00VXULPTQ/ref=cm_cr_ar_p_d_product_top?ie=UTF8. Shown on p. 1. (Year: 2016).*

(Continued)

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

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(21) Appl. No.: **29/608,587**

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Related U.S. Application Data

(63) Continuation of application No. 29/548,018, filed on Dec. 9, 2015, now Pat. No. Des. 804,133.

(51) **LOC (11) Cl.** **09-09**

(52) **U.S. Cl.**
USPC **D34/7**

(58) **Field of Classification Search**

USPC D23/202, 203, 207; D34/1, 2, 3, 4, 5, 6, D34/7, 8, 9, 10, 11, 39; 220/252, 62.13, 220/484, 569, 4.04, 703, 737, 748, 908, 220/908.1, 908.2, 909, 495.08, 211, 262, 220/263, 212; D9/737, 738, 770, 772, D9/777, 778, 781, 783

CPC .. B65F 1/02; B65F 1/163; B65D 2543/00194; B65D 2543/00296; B65D 2543/00527

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

830,182 A 9/1906 Skov
1,426,211 A 8/1922 Pausin
1,461,253 A 7/1923 Owen

(Continued)

(57) **CLAIM**

The ornamental design for a trash can, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left-side perspective view of a trash can of our design;

FIG. 2 is a top, rear, left-side perspective view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

FIG. 5 is a right-side elevation view thereof;

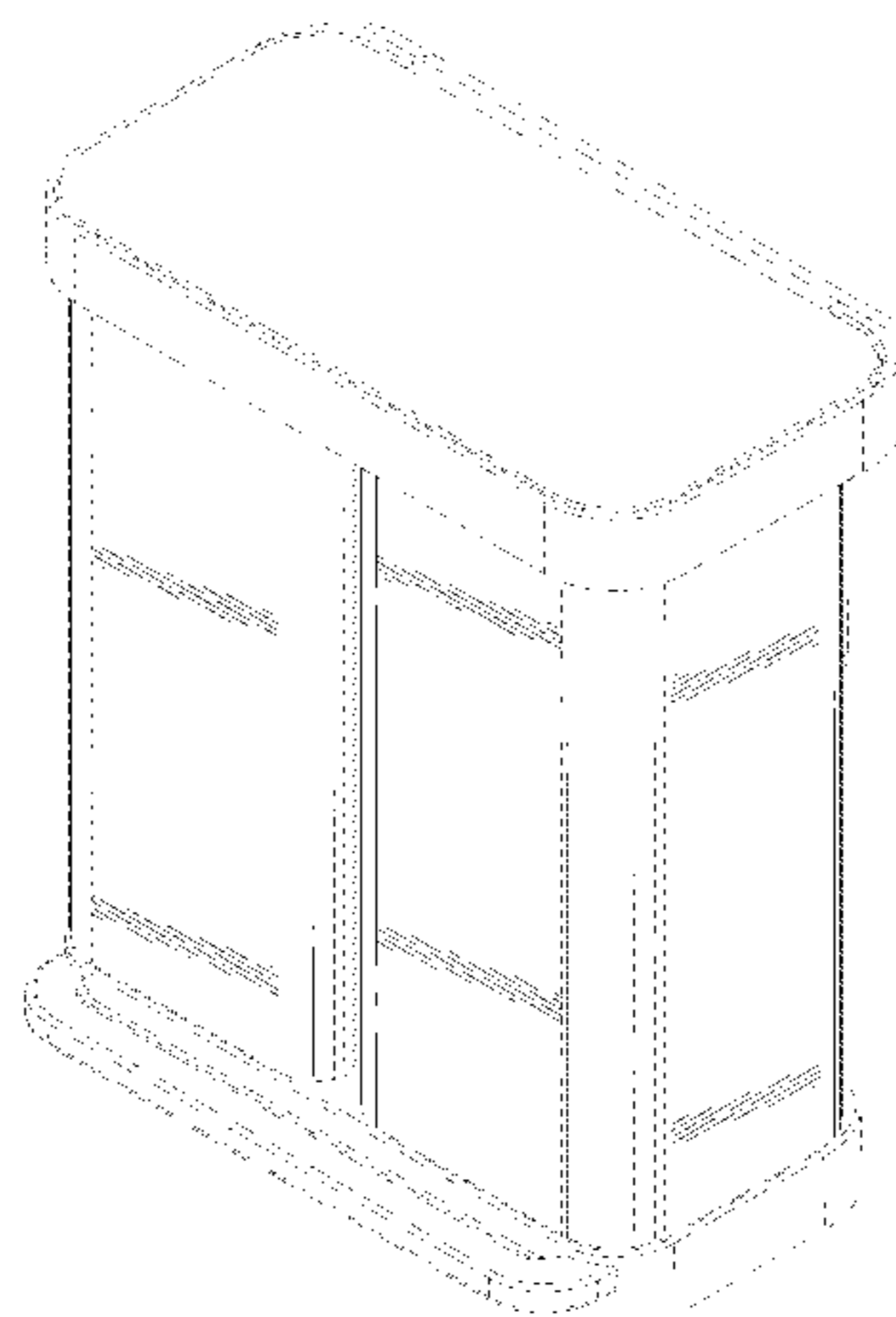
FIG. 6 is a left-side elevation view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines shown in the Figures illustrate portions of the trash can that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS					
1,754,802	A	4/1930 Raster	4,964,523	A	10/1990 Bieltvedt et al.
1,820,555	A	8/1931 Buschman	4,972,966	A	11/1990 Craft, Jr.
1,891,651	A	12/1932 Padelford et al.	4,996,467	A	2/1991 Day
1,922,729	A	8/1933 Geibel	5,031,793	A	7/1991 Chen et al.
1,980,938	A	11/1934 Geibel	5,048,903	A	9/1991 Loblein
2,308,326	A	1/1943 Calcagno	5,054,724	A	10/1991 Hutcheson
D148,825	S	2/1948 Snider	5,065,272	A	11/1991 Owen et al.
2,457,274	A	12/1948 Rifken	5,065,891	A	11/1991 Casey
2,759,625	A	8/1956 Ritter	5,076,462	A	12/1991 Perrone
2,796,309	A	6/1957 Taylor	D323,573	S	1/1992 Schneider
2,888,307	A	5/1959 Graves et al.	5,090,585	A	2/1992 Power
2,946,474	A	7/1960 Knapp	5,090,785	A	2/1992 Stamp
3,008,604	A	11/1961 Garner	5,100,087	A	3/1992 Ashby
3,023,922	A	3/1962 Arrington et al.	5,111,958	A	5/1992 Witthoeft
3,137,408	A	6/1964 Taylor	D327,760	S	7/1992 Donnelly
3,300,082	A	1/1967 Patterson	D329,929	S	9/1992 Knoedler et al.
3,392,825	A	7/1968 Gale et al.	5,147,055	A	9/1992 Samson et al.
3,451,453	A	6/1969 Heck	5,156,290	A	10/1992 Rodrigues
3,654,534	A	4/1972 Fischer	D331,097	S	11/1992 Sieren
3,800,503	A	4/1974 Maki	5,170,904	A	12/1992 Neuhaus
3,820,200	A	6/1974 Myers	5,174,462	A	12/1992 Hames
3,825,150	A	7/1974 Taylor	D332,852	S *	1/1993 Delmerico D34/5
3,825,215	A	7/1974 Borglum	D335,562	S	5/1993 Evans
3,886,425	A	5/1975 Weiss	5,213,272	A	5/1993 Gallagher et al.
3,888,406	A	6/1975 Nippes	5,222,704	A	6/1993 Light
3,891,115	A	6/1975 Ono	D337,181	S	7/1993 Warman
4,014,457	A	3/1977 Hodge	5,226,558	A	7/1993 Whitney et al.
4,027,774	A	6/1977 Cote	5,230,525	A	7/1993 Delmerico et al.
4,081,105	A	3/1978 Dagonnet et al.	5,242,074	A	9/1993 Conaway et al.
4,189,808	A	2/1980 Brown	D340,333	S	10/1993 Duran et al.
4,200,197	A	4/1980 Meyer et al.	5,249,693	A	10/1993 Gillispie et al.
4,217,616	A	8/1980 Jessup	5,261,553	A	11/1993 Mueller et al.
4,303,174	A	12/1981 Anderson	5,265,511	A	11/1993 Itzov
4,320,851	A	3/1982 Montoya	5,295,607	A	3/1994 Chang
4,349,123	A	9/1982 Yang	5,305,916	A	4/1994 Suzuki et al.
4,357,740	A	11/1982 Brown	5,314,151	A	5/1994 Carter-Mann
4,416,197	A	11/1983 Kehl	5,322,179	A	6/1994 Ting
4,417,669	A	11/1983 Knowles et al.	5,329,212	A	7/1994 Feigleson
4,457,483	A	7/1984 Gagne	5,348,222	A	9/1994 Patey
4,535,911	A	8/1985 Goulter	5,353,950	A	10/1994 Taylor et al.
4,570,304	A	2/1986 Montreuil et al.	5,372,272	A	12/1994 Jennings
4,576,310	A	3/1986 Isgar et al.	5,381,588	A	1/1995 Nelson
D284,320	S	6/1986 Kubic et al.	5,385,258	A	1/1995 Sutherlin
4,609,117	A	9/1986 Pamment	5,390,818	A	2/1995 LaBuda
4,630,332	A	12/1986 Bisbing	5,404,621	A	4/1995 Heinke
4,630,752	A	12/1986 DeMars	5,407,089	A	4/1995 Bird et al.
4,664,347	A	5/1987 Brown et al.	5,419,452	A	5/1995 Mueller et al.
4,697,312	A	10/1987 Freyer	5,471,708	A	12/1995 Lynch
4,711,161	A	12/1987 Swin et al.	5,474,201	A	12/1995 Liu
4,729,490	A	3/1988 Ziegenbein	5,501,358	A	3/1996 Hobday
4,753,367	A	6/1988 Miller et al.	5,520,067	A	5/1996 Gaba
4,763,808	A	8/1988 Guhl et al.	5,520,303	A	5/1996 Bernstein et al.
4,765,548	A	8/1988 Sing	5,531,348	A	7/1996 Baker et al.
4,765,579	A	8/1988 Robbins, III et al.	5,535,913	A	7/1996 Asbach et al.
4,785,964	A	11/1988 Miller et al.	5,558,254	A	9/1996 Anderson et al.
4,792,039	A	12/1988 Dayton	5,560,283	A	10/1996 Hannig
4,794,973	A	1/1989 Perisic	5,584,412	A	12/1996 Wang
4,813,592	A	3/1989 Stolzman	D377,554	S	1/1997 Adriaansen
4,823,979	A	4/1989 Clark, Jr.	5,611,507	A	3/1997 Smith
4,834,260	A	5/1989 Auten	5,628,424	A	5/1997 Gola
4,863,053	A	9/1989 Oberg	5,632,401	A	5/1997 Hurd
4,867,339	A	9/1989 Hahn	5,636,416	A	6/1997 Anderson
4,869,391	A	9/1989 Farrington	5,636,761	A	6/1997 Diamond et al.
4,884,717	A	12/1989 Bussard et al.	5,644,111	A	7/1997 Cerny et al.
4,888,532	A	12/1989 Josson	5,645,186	A	7/1997 Powers et al.
4,892,223	A	1/1990 DeMent	5,650,680	A	7/1997 Chula
4,892,224	A	1/1990 Graham	D383,277	S	9/1997 Peters
D307,344	S *	4/1990 Massonnet D34/1	5,662,235	A	9/1997 Nieto
4,913,308	A	4/1990 Culbertson	5,671,847	A	9/1997 Pedersen et al.
4,915,347	A	4/1990 Iqbal et al.	5,690,247	A	11/1997 Boover
4,918,568	A	4/1990 Stone et al.	5,695,088	A	12/1997 Kasbohm
D308,272	S	5/1990 Koepsell	5,699,929	A	12/1997 Ouno
4,923,087	A	5/1990 Burrows	D388,922	S	1/1998 Peters
4,944,419	A	7/1990 Chandler	D389,631	S	1/1998 Peters
4,948,004	A	8/1990 Chich	5,704,511	A	1/1998 Kellams
			5,724,837	A	3/1998 Shin
			5,730,312	A	3/1998 Hung
			5,732,845	A	3/1998 Armaly, Jr.
			5,735,495	A	4/1998 Kubota

(56)

References Cited

U.S. PATENT DOCUMENTS

5,738,239 A 4/1998 Triglia
5,770,935 A 6/1998 Smith et al.
5,799,909 A 9/1998 Ziegler
5,816,431 A 10/1998 Giannopoulos
5,816,640 A 10/1998 Nishimura
D401,383 S 11/1998 Gish
D401,719 S 11/1998 Van Leeuwen et al.
5,873,643 A 2/1999 Burgess, Jr. et al.
5,881,896 A 3/1999 Presnell et al.
5,881,901 A 3/1999 Hampton
5,884,237 A 3/1999 Kanki et al.
5,887,748 A 3/1999 Nguyen
D412,552 S 8/1999 Burrows
5,961,105 A 10/1999 Ehrnsberger et al.
5,967,392 A 10/1999 Niemi et al.
5,987,708 A 11/1999 Newton
6,000,569 A 12/1999 Liu
6,010,024 A 1/2000 Wang
6,024,238 A 2/2000 Jaros
6,036,050 A 3/2000 Ruane
6,102,239 A 8/2000 Wien
6,105,859 A 8/2000 Stafford
6,123,215 A 9/2000 Windle
D431,700 S 10/2000 Roudebush
6,126,031 A 10/2000 Reason
6,129,233 A 10/2000 Schiller
6,131,861 A 10/2000 Fortier, Jr. et al.
D435,951 S 1/2001 Yang et al.
6,209,744 B1 4/2001 Gill
6,211,637 B1 4/2001 Studer
6,234,339 B1 5/2001 Thomas
6,250,492 B1 6/2001 Verbeek
D445,980 S 7/2001 Tjugum
6,286,706 B1 9/2001 Tucker
6,328,320 B1 12/2001 Walski et al.
6,345,725 B1 2/2002 Lin
6,364,147 B1 4/2002 Meinzinger et al.
6,386,386 B1 5/2002 George
6,390,321 B1 5/2002 Wang
6,401,958 B1 6/2002 Foss et al.
6,519,130 B1 2/2003 Breslow
6,557,716 B1 5/2003 Chan
D476,456 S 6/2003 Englert et al.
6,596,983 B2 7/2003 Brent
6,626,316 B2 9/2003 Yang
6,626,317 B2 9/2003 Pfeifer et al.
6,632,064 B1 10/2003 Walker et al.
D481,846 S 11/2003 Lin
D482,169 S 11/2003 Lin
6,659,407 B2 12/2003 Asaro
6,681,950 B2 1/2004 Miller, Jr. et al.
D488,604 S 4/2004 Yang et al.
D488,903 S 4/2004 Yang et al.
D489,503 S 5/2004 Lin
D489,857 S 5/2004 Yang et al.
D490,583 S 5/2004 Yang et al.
D490,954 S 6/2004 Brand
D491,706 S 6/2004 Yang et al.
6,758,366 B2 7/2004 Bourgund et al.
D493,930 S 8/2004 Wang
D494,723 S 8/2004 Lin
6,812,655 B1 11/2004 Wang et al.
6,814,249 B2 11/2004 Lin
D499,450 S 12/2004 Goodman et al.
6,837,393 B1 1/2005 Kuo
6,857,538 B2 2/2005 Lin
6,859,005 B2 2/2005 Boliver
D503,021 S 3/2005 Yang et al.
6,866,826 B2 3/2005 Moore et al.
6,883,676 B2 4/2005 Lin
D507,090 S 7/2005 Yang et al.
6,920,994 B2 7/2005 Lin
6,974,948 B1 12/2005 Brent
D513,445 S 1/2006 Lin
6,981,606 B2 1/2006 Yang et al.

D517,764 S 3/2006 Wang
D517,767 S 3/2006 Yang et al.
D518,266 S 3/2006 Yang et al.
7,017,773 B2 3/2006 Gruber et al.
7,044,323 B2 5/2006 Yang
D525,756 S 7/2006 Yang et al.
7,073,677 B2 7/2006 Richardson et al.
7,077,283 B2 7/2006 Yang et al.
7,080,750 B2 7/2006 Wein et al.
7,086,550 B2 8/2006 Yang et al.
D528,726 S 9/2006 Lin
7,121,421 B2 10/2006 Yang et al.
D531,499 S 11/2006 Zaidman
D535,799 S 1/2007 Epps
D535,800 S * 1/2007 Yang D34/9
7,163,591 B2 1/2007 Kim et al.
7,168,591 B1 1/2007 Miller
D537,223 S 2/2007 Lin
D537,599 S 2/2007 Lin
D537,601 S 2/2007 Lin
D537,999 S 3/2007 Lin
D538,995 S 3/2007 Lin
D539,498 S 3/2007 Yang et al.
D539,499 S 3/2007 Yang et al.
D540,001 S 4/2007 Zimmerman
D542,001 S 5/2007 Yang et al.
D542,995 S 5/2007 Lin
D543,673 S 5/2007 Yang et al.
D544,170 S 6/2007 Lin
D544,171 S 6/2007 Lin
D544,671 S 6/2007 Saunders et al.
D545,024 S 6/2007 Liao
7,225,943 B2 6/2007 Yang et al.
D547,020 S 7/2007 Chen
7,243,811 B1 7/2007 Ramsey
D550,918 S 9/2007 Wang et al.
D552,319 S 10/2007 Gusdorf
D552,321 S 10/2007 Yang et al.
D552,823 S 10/2007 Yang et al.
D552,824 S 10/2007 Zimmerman
D552,825 S 10/2007 Yang et al.
D555,320 S 11/2007 Yang et al.
D559,494 S 1/2008 Yang et al.
D559,495 S 1/2008 Yang et al.
D562,522 S 2/2008 Daams
7,328,842 B2 2/2008 Wagner et al.
D564,169 S 3/2008 Wang
D564,723 S 3/2008 Yang et al.
D566,367 S 4/2008 Lin
D566,369 S 4/2008 Shek
D566,923 S 4/2008 Lin
D567,468 S 4/2008 Yang et al.
D568,572 S 5/2008 Yang et al.
D569,720 S 5/2008 Lablaine
7,374,060 B2 5/2008 Yang et al.
D571,520 S 6/2008 Lin
7,395,990 B1 7/2008 Stevens
7,398,913 B2 7/2008 McClure
7,404,499 B1 7/2008 Ramsey
D574,569 S 8/2008 Yang et al.
D576,371 S 9/2008 Zimmerman
D578,265 S 10/2008 Presnell
D578,266 S 10/2008 Yang et al.
D578,268 S 10/2008 Yang et al.
D578,722 S 10/2008 Yang et al.
7,438,199 B1 10/2008 Tidrick
D580,120 S 11/2008 Lin
D580,613 S * 11/2008 Yang D34/7
D580,615 S * 11/2008 Yang D34/9
D581,622 S 11/2008 Presnell et al.
D584,470 S 1/2009 Bizzell et al.
D585,171 S 1/2009 Bizzell et al.
D585,618 S 1/2009 Yang et al.
D586,070 S 2/2009 Lin
7,494,021 B2 2/2009 Yang et al.
D587,874 S 3/2009 Lin
D593,271 S 5/2009 Yang et al.
7,530,578 B2 5/2009 Niemeyer et al.
7,540,396 B2 6/2009 Yang et al.

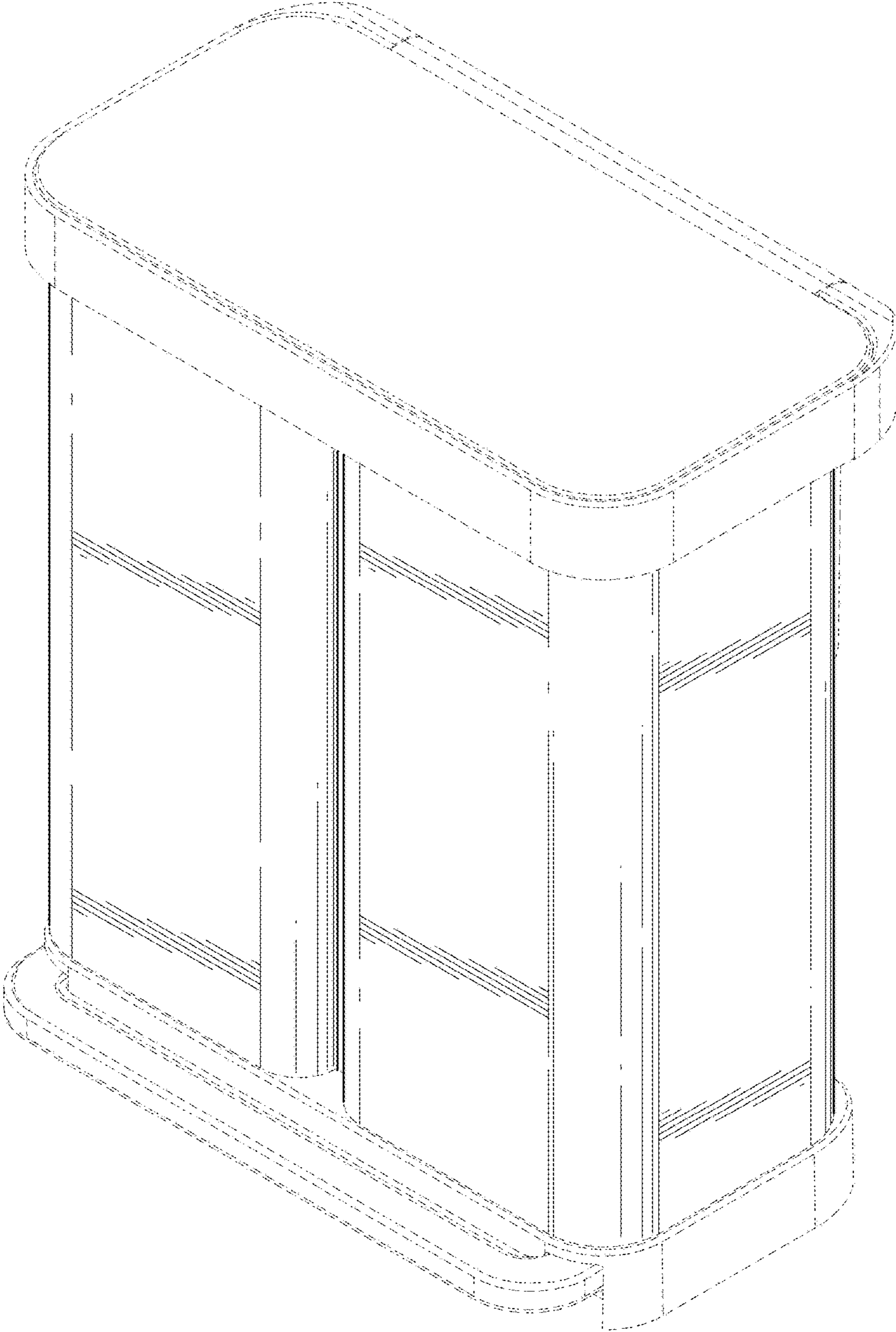


FIG. 1

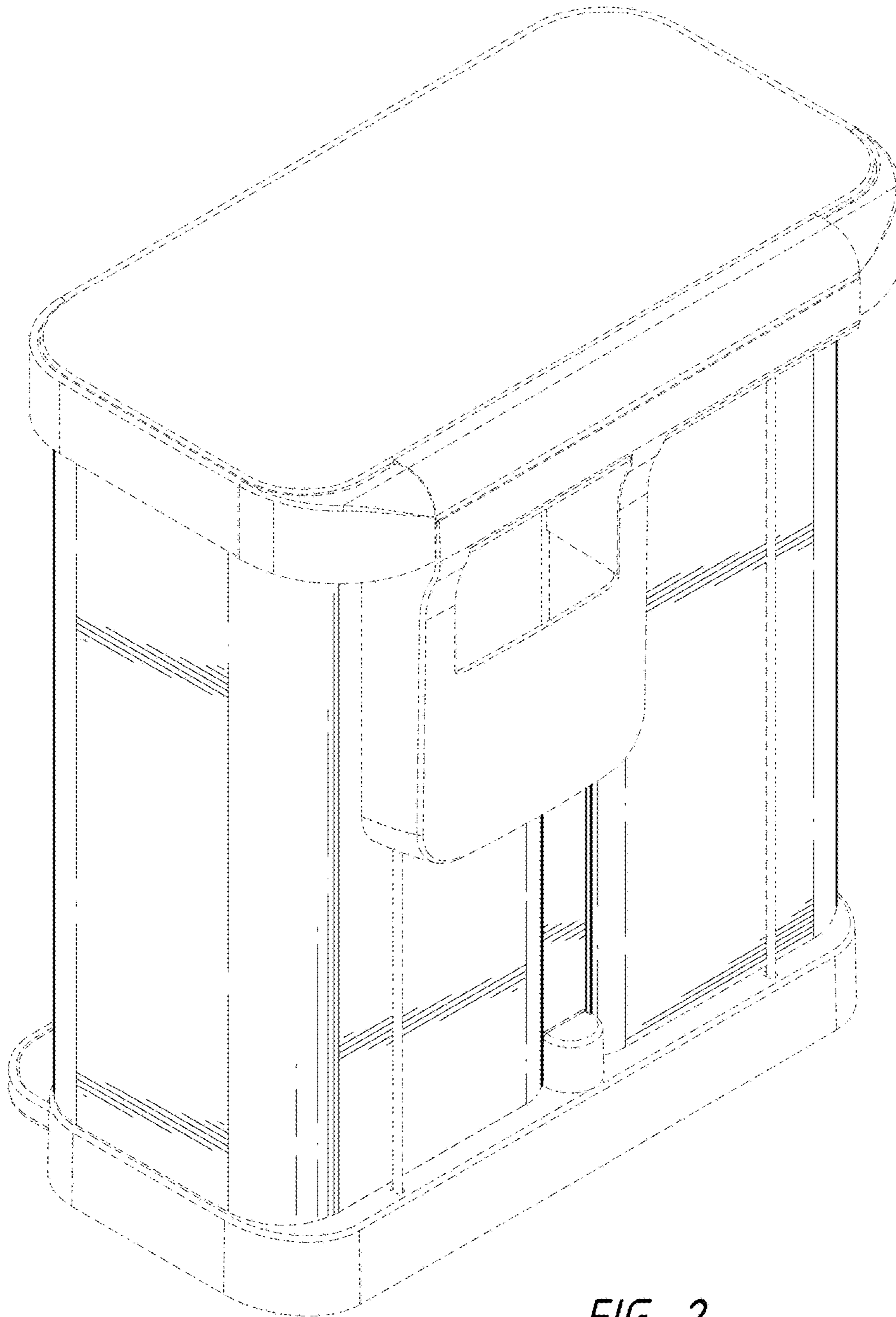


FIG. 2

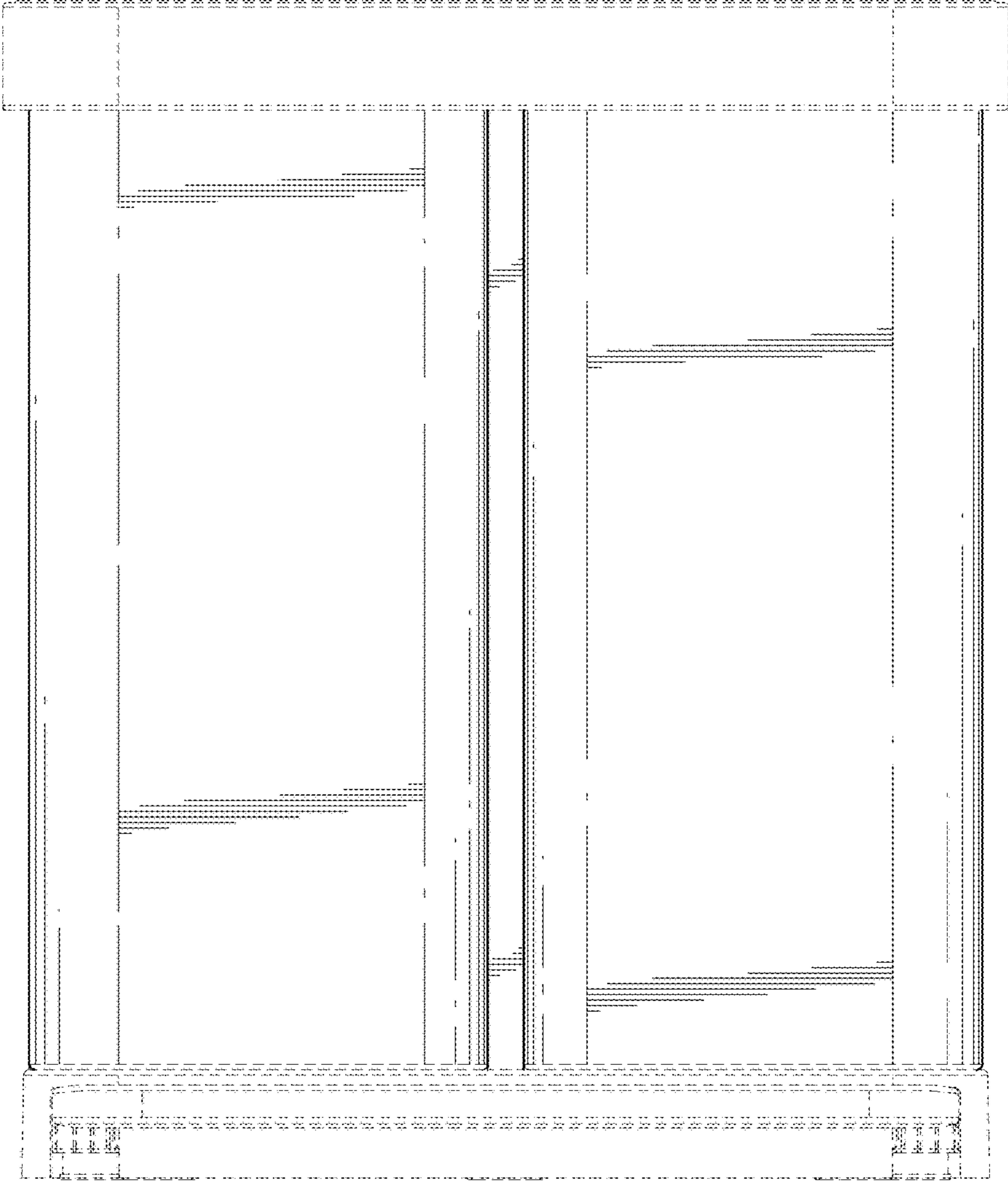


FIG. 3

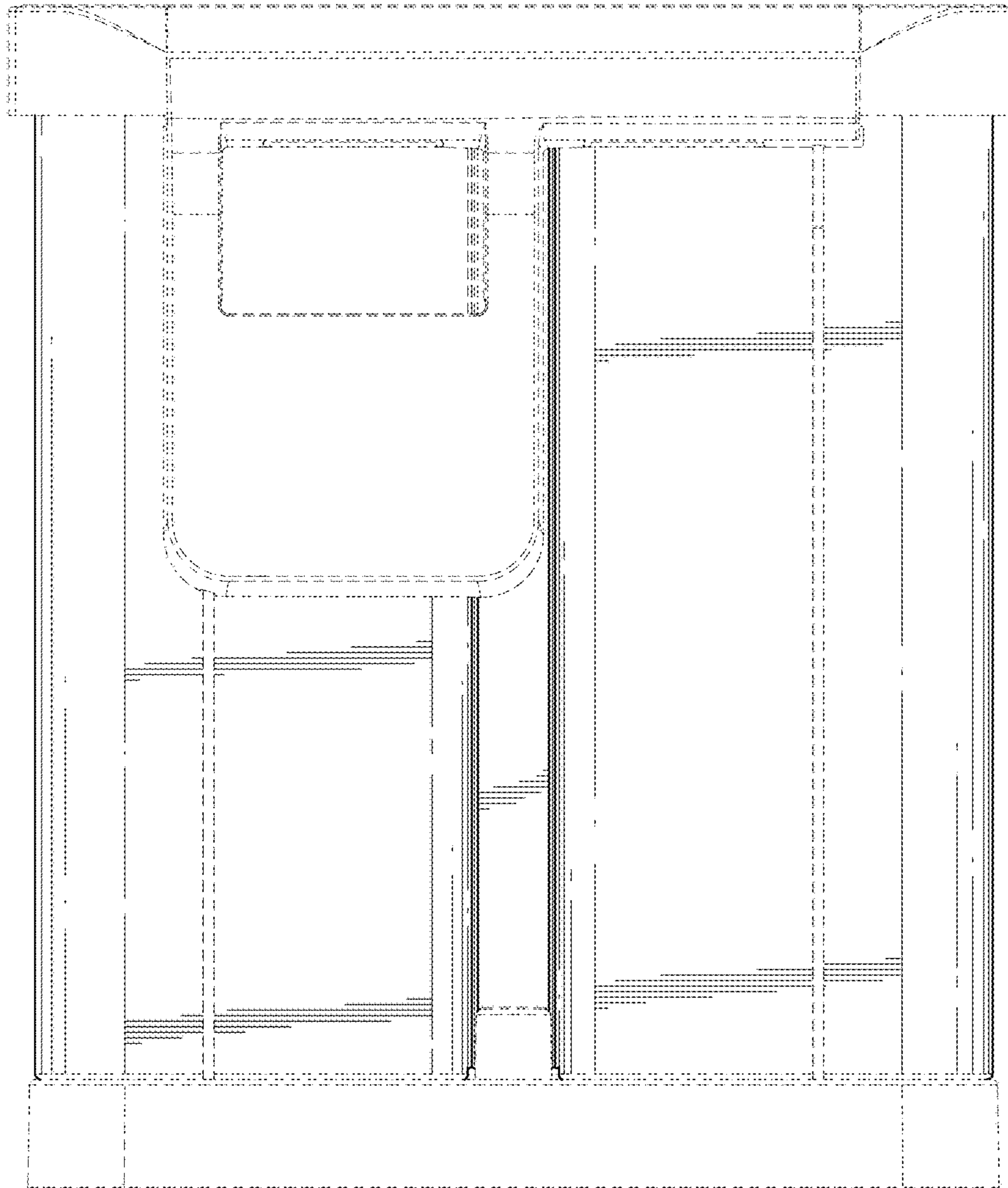


FIG. 4

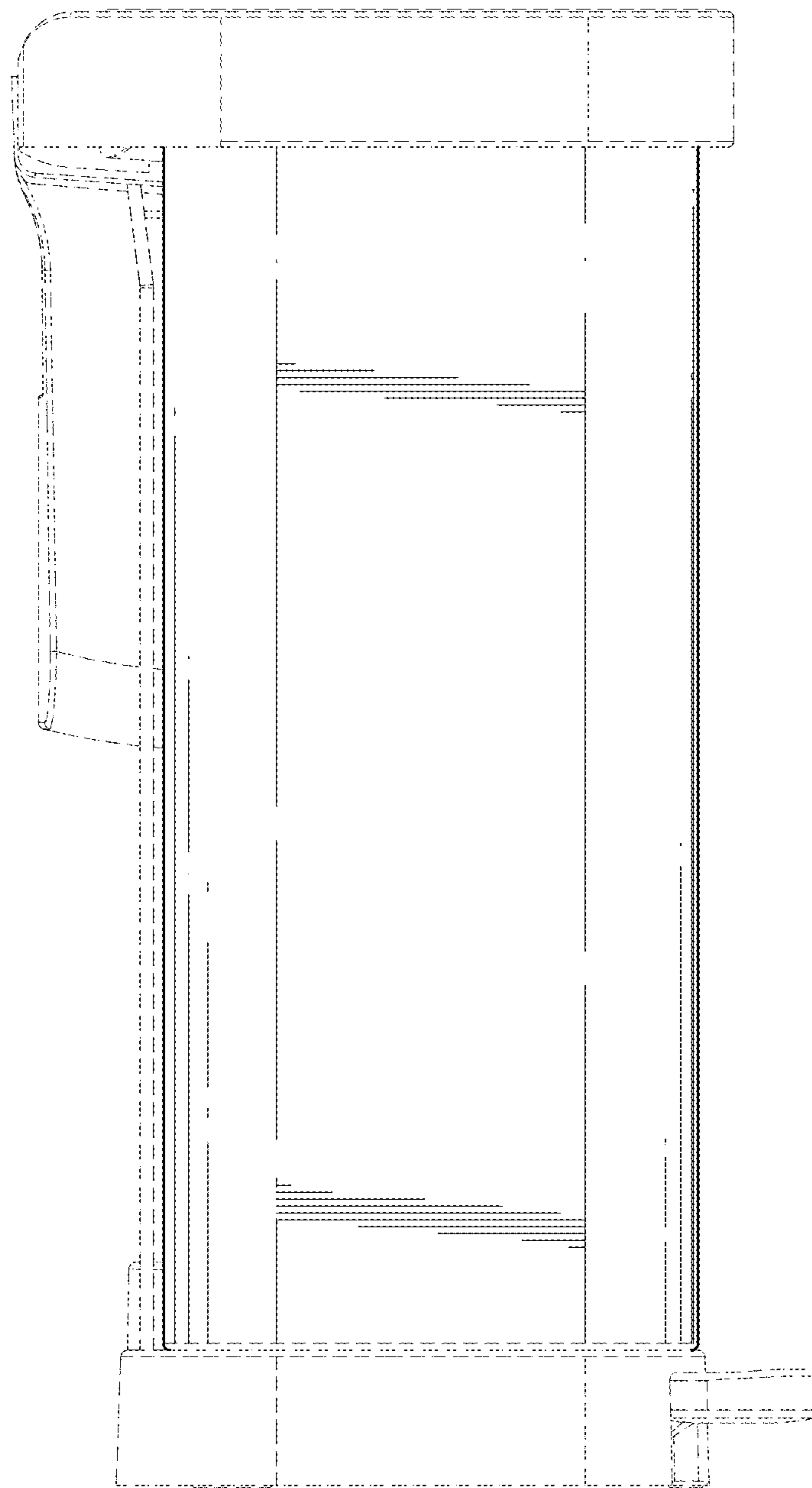


FIG. 5

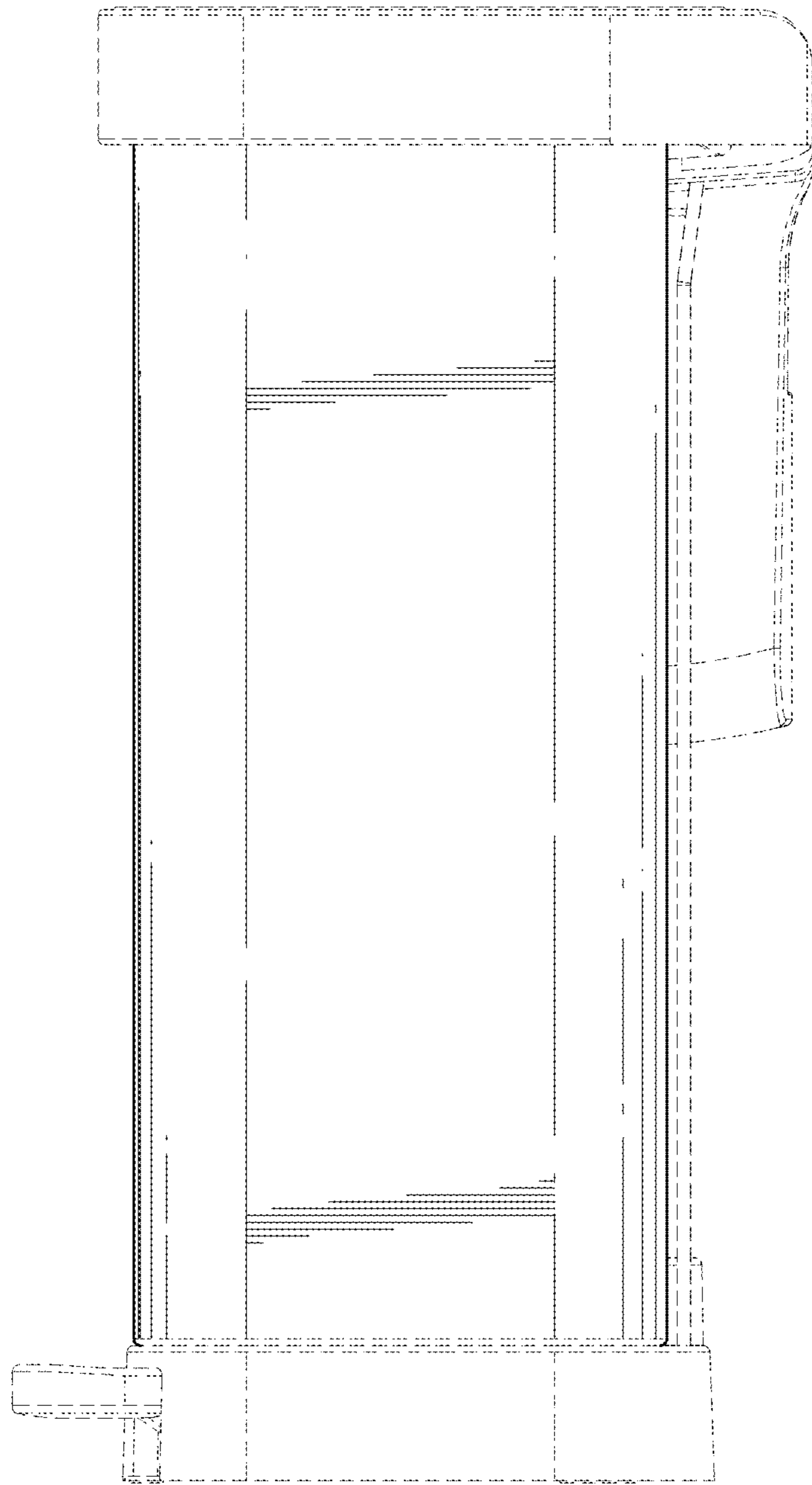


FIG. 6

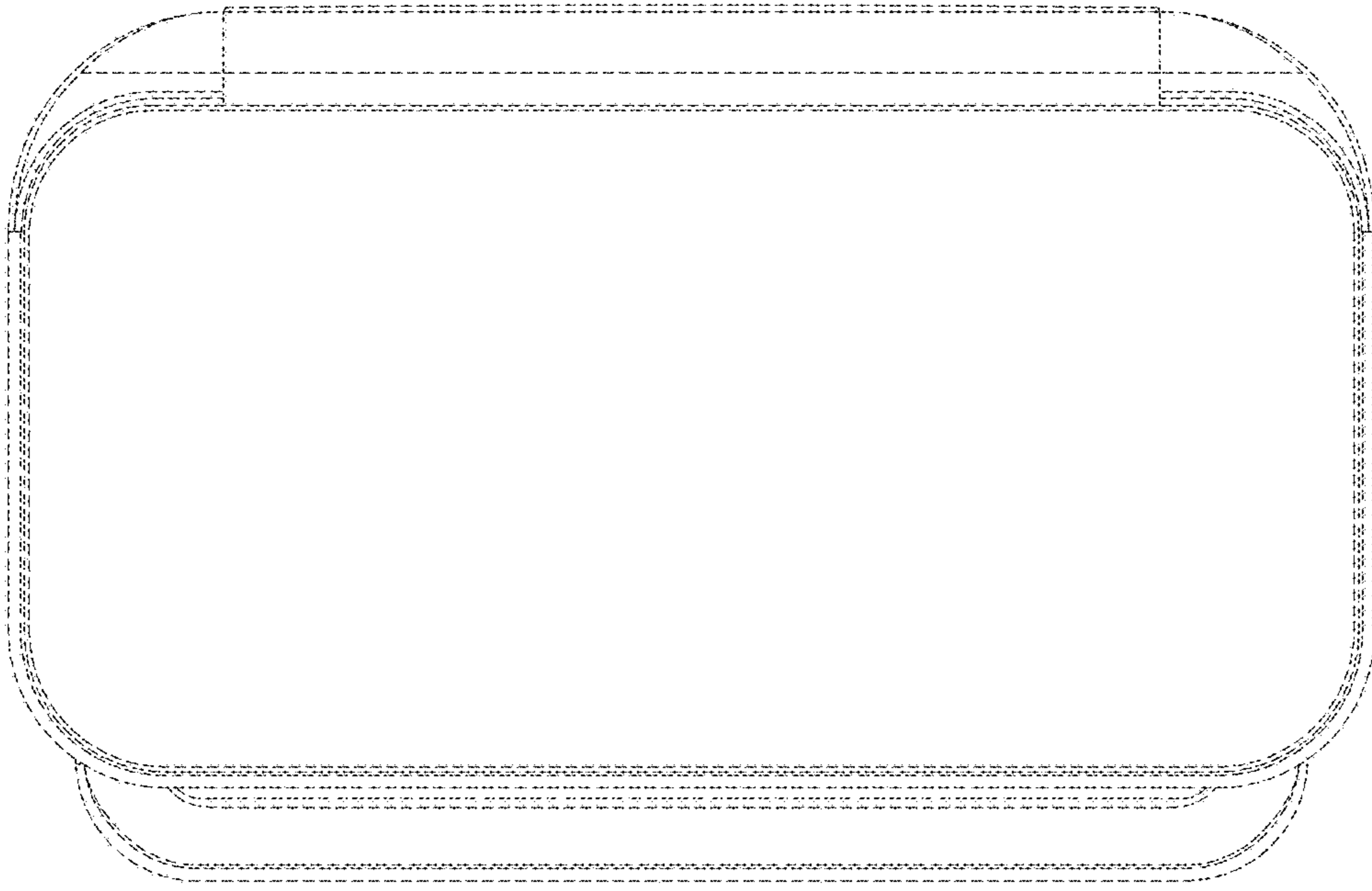


FIG. 7

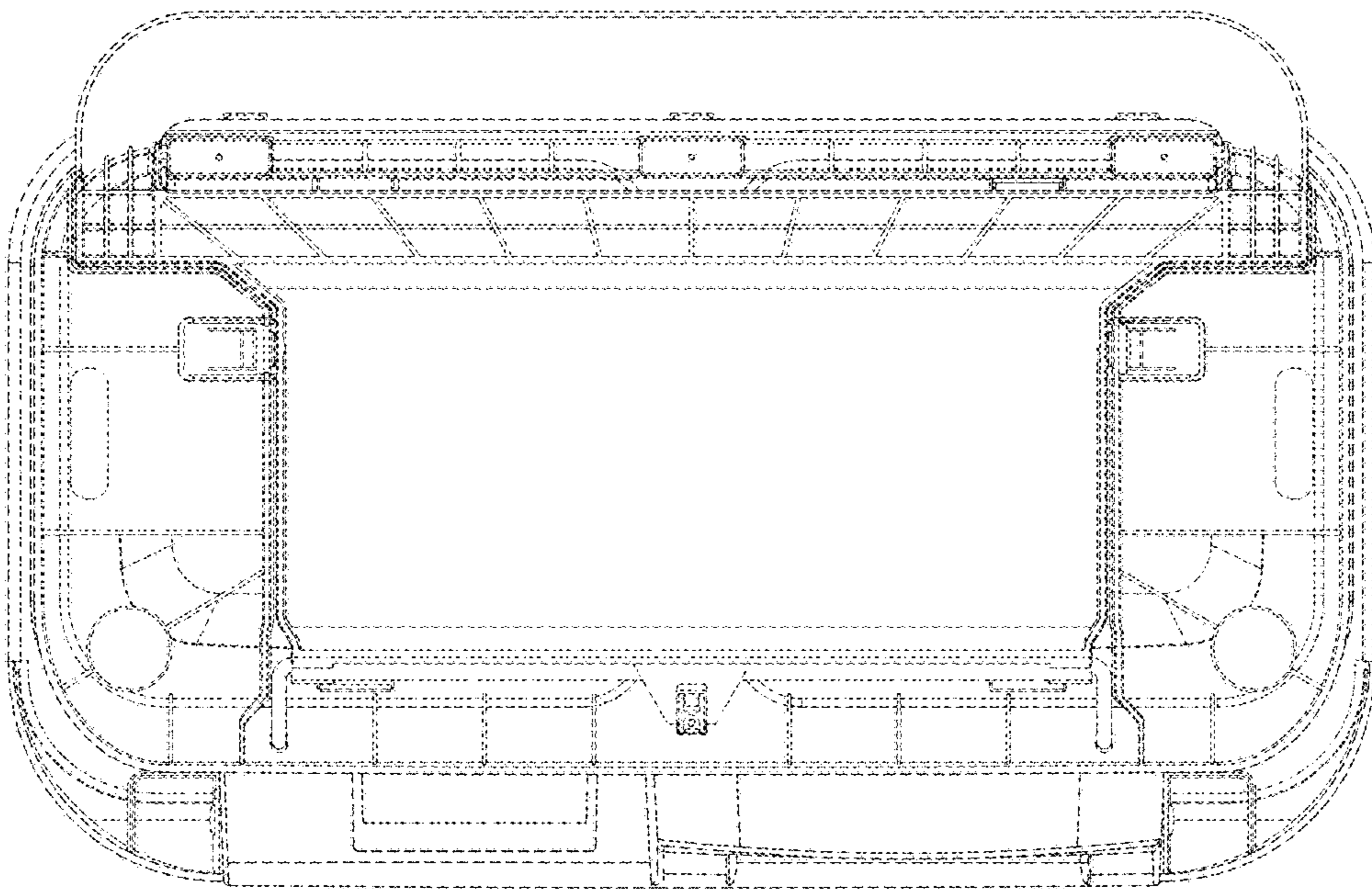


FIG. 8