



US00D675802S

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

(10) **Patent No.:** **US D675,802 S**
(45) **Date of Patent:** **** Feb. 5, 2013**

(54) **TRASH CAN**
(75) Inventors: **Frank Yang**, Rancho Palos Verdes, CA (US); **Tzu-Hao Wei**, Hacienda Heights, CA (US); **Di-Fong Chang**, Torrance, CA (US); **Myk Lum**, Irvine, CA (US); **Adam Wade**, Rancho Santa Margarita, CA (US); **Po-Ling Huang**, Brussels (BE)

4,027,774 A 6/1977 Cote
4,081,105 A 3/1978 Dagonnet et al.
4,189,808 A 2/1980 Brown
4,200,197 A 4/1980 Meyer et al.
4,217,616 A 8/1980 Jessup
4,303,174 A 12/1981 Anderson
4,320,851 A 3/1982 Montoya
4,357,740 A 11/1982 Brown
4,416,197 A 11/1983 Kehl
4,457,483 A 7/1984 Gagne
4,535,911 A 8/1985 Goulter
4,570,304 A 2/1986 Montreuil et al.

(73) Assignee: **simplehuman, LLC**, Torrance, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/411,490**

(22) Filed: **Jan. 20, 2012**

(51) **LOC (9) Cl.** **09-09**

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

(58) **Field of Classification Search** D34/1,
D34/5, 6, 7, 8, 9, 10, 11; 220/908, 908.1,
220/909, 911, 913, 262-264

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,426,211 A 8/1922 Pausin
1,461,253 A 7/1923 Owen
1,820,555 A 8/1931 Buschman
1,891,651 A 12/1932 Padelford et al.
1,922,729 A 8/1933 Giebel
1,980,938 A 11/1934 Geibel
D148,825 S 2/1948 Snider
2,457,274 A 12/1948 Rifken
2,759,625 A 8/1956 Ritter
2,888,307 A 5/1959 Graves et al.
2,946,474 A 7/1960 Knapp
3,008,604 A 11/1961 Garner
3,023,922 A 3/1962 Arrington et al.
3,654,534 A 4/1972 Fischer
3,820,200 A 6/1974 Myers
3,825,150 A 7/1974 Taylor
3,825,215 A 7/1974 Borglum
3,886,425 A 5/1975 Weiss
3,891,115 A 6/1975 Ono
4,014,457 A 3/1977 Hodge

FOREIGN PATENT DOCUMENTS

AU 622536 4/1992
DE 1610087 6/1950

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/411,482, filed Jan. 20, 2012, Yang et al.

(Continued)

Primary Examiner — Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

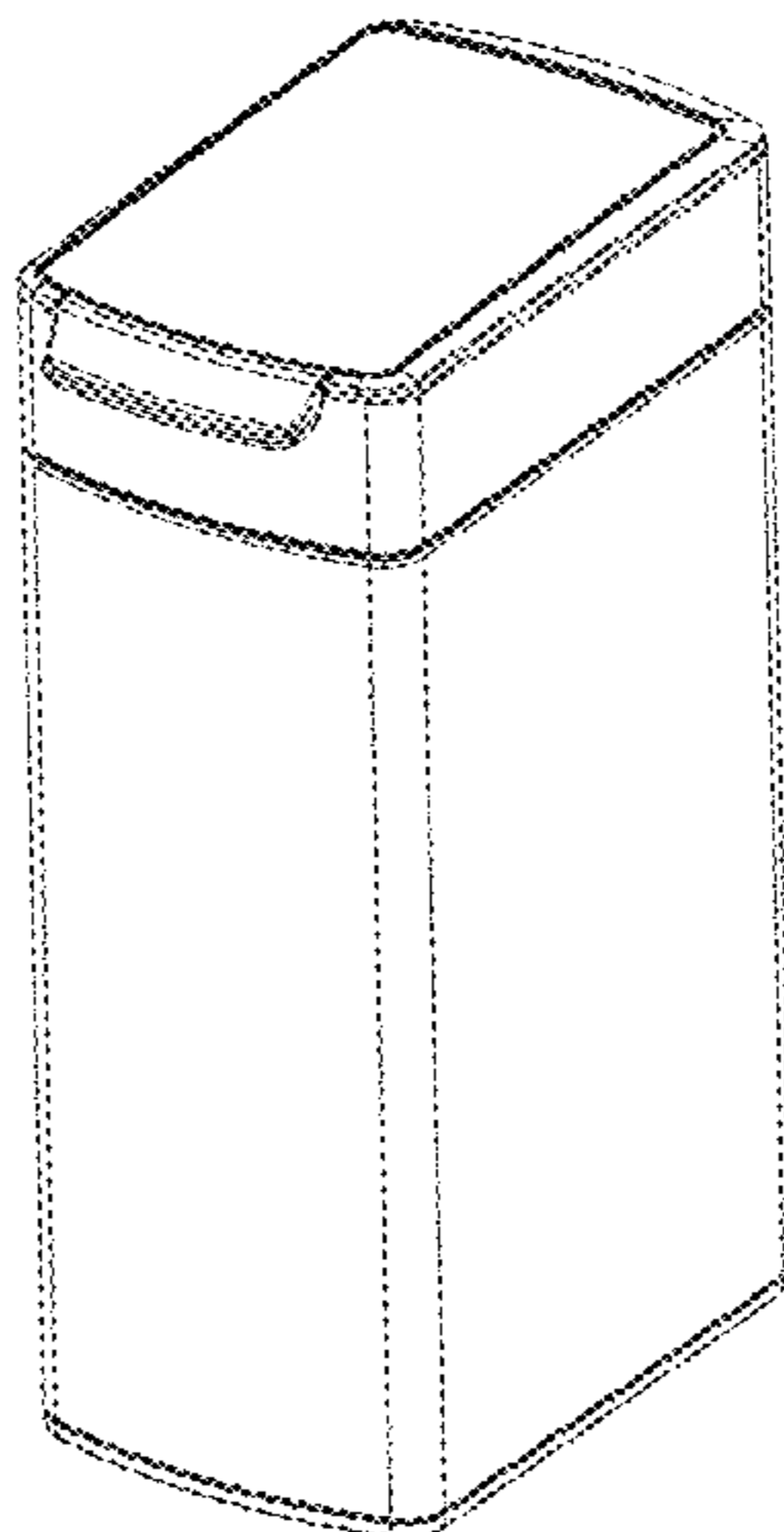
(57) **CLAIM**

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 embodying our design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left-side elevation view thereof, the right-side elevation view being a mirror image of the right-side elevation view;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets



US D675,802 S

U.S. PATENT DOCUMENTS			
4,576,310	A	3/1986	Isgar et al.
D284,320	S	6/1986	Kubic et al.
4,609,117	A	9/1986	Pamment
4,630,332	A	12/1986	Bisbing
4,664,347	A	5/1987	Brown et al.
4,697,312	A	10/1987	Freyer
4,711,161	A	12/1987	Swin et al.
4,729,490	A	3/1988	Ziegenbein
4,753,367	A	6/1988	Miller et al.
4,763,808	A	8/1988	Guhl et al.
4,765,548	A	8/1988	Sing
4,765,579	A	8/1988	Robbins et al.
4,792,039	A	12/1988	Dayton
4,794,973	A	1/1989	Perisic
4,834,260	A	5/1989	Auten
4,867,339	A	9/1989	Hahn
4,884,717	A	12/1989	Bussard et al.
4,892,224	A	1/1990	Graham
4,913,308	A	4/1990	Culbertson
4,918,568	A	4/1990	Stone et al.
4,923,087	A	5/1990	Burrows
4,948,004	A	8/1990	Chich
4,964,523	A	10/1990	Bieltvedt et al.
4,972,966	A	11/1990	Craft, Jr.
4,996,467	A	2/1991	Day
5,031,793	A	7/1991	Chen et al.
5,054,724	A	10/1991	Hutcheson
5,065,272	A	11/1991	Owen et al.
5,065,891	A	11/1991	Casey
5,090,785	A	2/1992	Stamp
5,100,087	A	3/1992	Ashby
5,111,958	A	5/1992	Witthoefft
D327,760	S	7/1992	Donnelly
D329,929	S	9/1992	Knoedler et al.
5,147,055	A	9/1992	Sampson et al.
5,156,290	A	10/1992	Rodrigues
5,170,904	A	12/1992	Neuhaus
5,174,462	A	12/1992	Hames
D335,562	S	* 5/1993	Evans D34/7
5,213,272	A	5/1993	Gallagher et al.
5,222,704	A	6/1993	Light
5,226,558	A	7/1993	Whitney et al.
5,230,525	A	7/1993	Delmerico et al.
5,242,074	A	* 9/1993	Conaway et al. 220/840
D340,333	S	10/1993	Duran et al.
5,249,693	A	10/1993	Gillispie et al.
5,261,553	A	11/1993	Mueller et al.
5,314,151	A	5/1994	Carter-Mann
5,322,179	A	6/1994	Ting
5,348,222	A	9/1994	Patey
5,381,588	A	1/1995	Nelson
5,385,258	A	1/1995	Sutherlin
5,390,818	A	2/1995	LaBuda
5,404,621	A	4/1995	Heinke
5,407,089	A	4/1995	Bird et al.
5,419,452	A	5/1995	Mueller et al.
5,471,708	A	12/1995	Lynch
5,474,201	A	12/1995	Liu
5,501,358	A	3/1996	Hobday
5,520,067	A	5/1996	Gabas
5,531,348	A	7/1996	Baker et al.
5,535,913	A	7/1996	Asbach et al.
5,558,254	A	9/1996	Anderson et al.
D377,554	S	1/1997	Adriaansen
5,611,507	A	3/1997	Smith
5,628,424	A	5/1997	Gola
5,632,401	A	5/1997	Hurd
5,636,416	A	6/1997	Anderson
5,644,111	A	7/1997	Cerny et al.
5,645,186	A	7/1997	Powers et al.
5,650,680	A	7/1997	Chula
D383,277	S	9/1997	Peters
5,662,235	A	9/1997	Nieto
5,690,247	A	11/1997	Boover
5,695,088	A	12/1997	Kasbohm
5,699,929	A	12/1997	Ouno
D388,922	S	1/1998	Peters
D389,631	S	1/1998	Peters
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
5,738,239	A	4/1998	Triglia
5,799,909	A	9/1998	Ziegler
5,816,431	A	10/1998	Giannopoulos
5,816,640	A	10/1998	Nishimura
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
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
6,123,215	A	9/2000	Windle
D431,700	S	10/2000	Roudebush
6,126,031	A	10/2000	Reason
6,129,233	A	10/2000	Schiller
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	Thomasd
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.
6,364,147	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
6,596,983	B2	7/2003	Brent
6,626,316	B2	9/2003	Yang
6,626,317	B2	9/2003	Pfiefer et al.
D482,169	S	* 11/2003	Lin D34/9
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
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
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.
7,077,283	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.

US D675,802 S

D535,799 S	1/2007	Epps	
D535,800 S	1/2007	Yang et al.	
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.	
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.	
D552,321 S *	10/2007	Yang et al.	D34/9
D552,823 S	10/2007	Yang et al.	
D552,824 S	10/2007	Zimmerman	
D552,825 S	10/2007	Yang et al.	
D559,494 S	1/2008	Yang et al.	
D559,495 S	1/2008	Yang et al.	
D564,169 S	3/2008	Wang	
D566,367 S	4/2008	Lin	
D566,369 S	4/2008	Shek	
D566,923 S	4/2008	Lin	
7,374,060 B2	5/2008	Yang et al.	
D571,520 S *	6/2008	Lin	D34/9
7,404,499 B1	7/2008	Ramsey	
D576,371 S	9/2008	Zimmerman	
D578,266 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 et al.	
D580,615 S	11/2008	Yang et al.	
D585,618 S	1/2009	Yang et al.	
7,494,021 B2	2/2009	Yang et al.	
7,540,396 B2	6/2009	Yang et al.	
7,559,433 B2	7/2009	Yang et al.	
7,656,109 B2	2/2010	Yang et al.	
D611,216 S	3/2010	Yang et al.	
D611,671 S	3/2010	Yang et al.	
7,694,838 B2	4/2010	Yang et al.	
7,703,622 B1	4/2010	Bynoe	
D615,722 S	5/2010	Yang et al.	
7,748,556 B2	7/2010	Yang et al.	
7,781,995 B2	8/2010	Yang et al.	
D631,221 S	1/2011	Yang et al.	
D634,911 S	3/2011	Yang et al.	
7,896,187 B2	3/2011	Haibel	
7,922,024 B2	4/2011	Yang et al.	
7,950,543 B2	5/2011	Yang et al.	
D644,390 S *	8/2011	Smeets et al.	D34/7
8,074,833 B2	12/2011	Yang et al.	
8,136,688 B2	3/2012	Lee et al.	
D657,108 S *	4/2012	Yang et al.	D34/7
D657,109 S *	4/2012	Liao	D34/9
2001/0002690 A1	6/2001	Rosky	
2001/0020619 A1	9/2001	Pfeifer et al.	
2002/0092853 A1	7/2002	Wang	
2002/0096524 A1	7/2002	Hardesty	
2002/0104266 A1	8/2002	Ranaudo	
2003/0089719 A1	5/2003	Berger	
2003/0230576 A1	12/2003	Lin	
2004/0016756 A1	1/2004	Lin	
2004/0134924 A1	7/2004	Hansen et al.	
2004/0140782 A1	7/2004	Okabe et al.	
2004/0164077 A1	8/2004	Kuo	
2004/0174268 A1	9/2004	Scott et al.	
2004/0175303 A1	9/2004	Lin	
2004/0200938 A1	10/2004	Forlivo	
2004/0206758 A1	10/2004	Lin	
2004/0206760 A1	10/2004	Gagnebin	
2004/0251746 A1	12/2004	Ichimaru et al.	
2005/0017006 A1	1/2005	Kuo	
2005/0017010 A1	1/2005	Siegel et al.	

2005/0258794 A1	11/2005	Fukuizumi
2006/0027579 A1	2/2006	Yang et al.
2006/0175336 A1	8/2006	Wang
2006/0186121 A1	8/2006	Yang et al.
2006/0196874 A1	9/2006	Yang
2006/0249510 A1	11/2006	Lin
2007/0034334 A1	2/2007	Ramsey et al.
2007/0090112 A1	4/2007	Kalman et al.
2007/0114847 A1	5/2007	Ichimaru et al.
2007/0181579 A1	8/2007	Kuo et al.
2007/0241109 A1	10/2007	Lin
2007/0266637 A1	11/2007	McGowan
2007/0272691 A1	11/2007	Wang et al.
2007/0289972 A1	12/2007	Wynn et al.
2008/0011754 A1	1/2008	Ramsey
2008/0011910 A1	1/2008	Ramsey
2008/0083756 A1	4/2008	Daniels
2008/0164257 A1	7/2008	Boll et al.
2008/0236275 A1	10/2008	Breed et al.
2008/0237234 A1	10/2008	Yang et al.
2008/0257889 A1	10/2008	Kovacevich et al.
2008/0257890 A1	10/2008	Kovacevich et al.
2008/0257891 A1	10/2008	Kovacevich et al.
2008/0264948 A1	10/2008	Kovacevich et al.
2008/0264950 A1	10/2008	Kovacevich et al.
2008/0272127 A1	11/2008	Kovacevich et al.
2009/0084788 A1	4/2009	Yang et al.
2009/0194532 A1	8/2009	Yang et al.
2009/0230131 A1	9/2009	McDuffie et al.
2010/0224627 A1	9/2010	Yang et al.
2010/0237074 A1	9/2010	Yang et al.
2011/0220646 A1	9/2011	Yang et al.
2011/0220647 A1	9/2011	Yang et al.
2011/0220648 A1	9/2011	Yang et al.
2011/0220655 A1	9/2011	Yang et al.

FOREIGN PATENT DOCUMENTS

DE	1283741	7/1966
DE	8436939	3/1985
DE	9108341	10/1991
DE	4225936 A1	2/1994
DE	19525885	3/1997
DE	19809331	5/1999
DE	29918687	3/2000
DE	19933180	1/2001
DE	10148997	4/2003
DE	20217561	3/2004
EP	0582240	7/1993
EP	0906876	4/1999
EP	1094017	4/2001
EP	1361176	11/2003
EP	1136393	4/2004
EP	1686073	8/2006
FR	2887152	12/2006
GB	2384418	7/2003
JP	02 152670	6/1990
JP	06-272888	9/1994
JP	D1300450	5/2007
JP	D1300451	5/2007
KR	3003841370000	6/2005
KR	3004095430000	3/2006
KR	3004095430001	7/2006
NL	6908550	12/1970
TW	D112733	9/2006
TW	D133382	2/2010
WO	WO 92/02430	2/1992
WO	WO 2006-079263	8/2006
WO	WO 2009/114495	9/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/411,491, filed Jan. 20, 2012, Yang et al.
 U.S. Appl. No. 13/417,084, filed Mar. 9, 2012, Yang et al.
 Trento Corner 23 Trash Can, Hailo product brochure, http://www.hailo.de/html/default.asp?site=12_71_107&lang=en (accessed May 13, 2008).

* cited by examiner

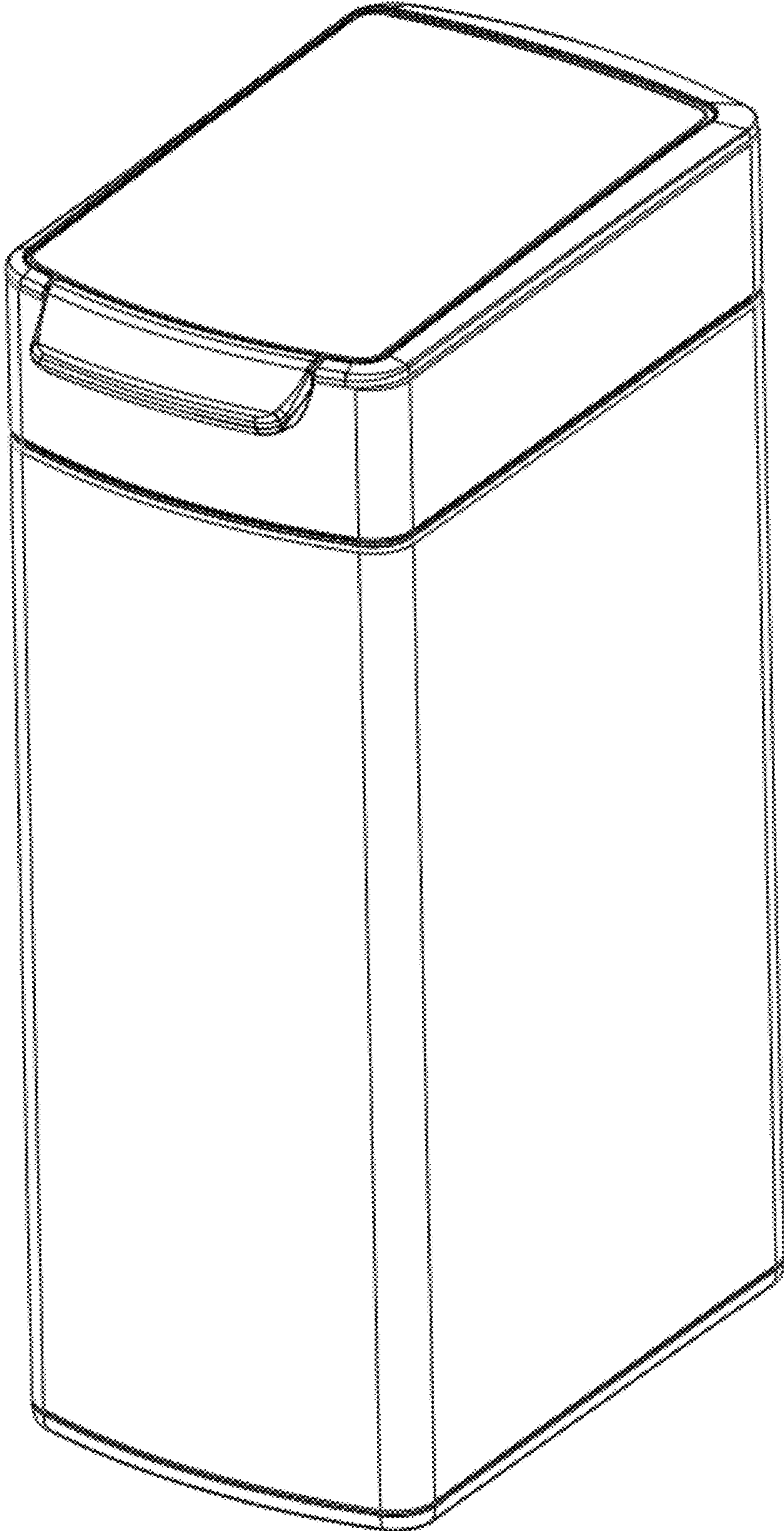


FIG. 1

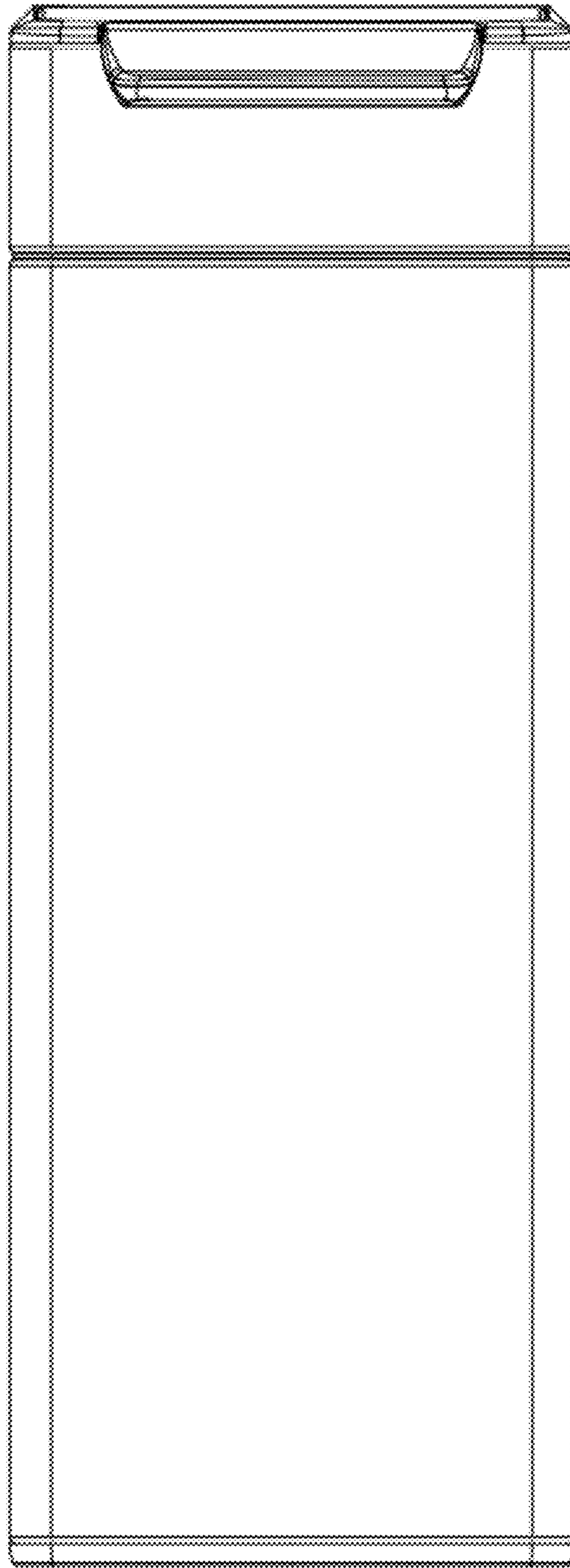


FIG. 2

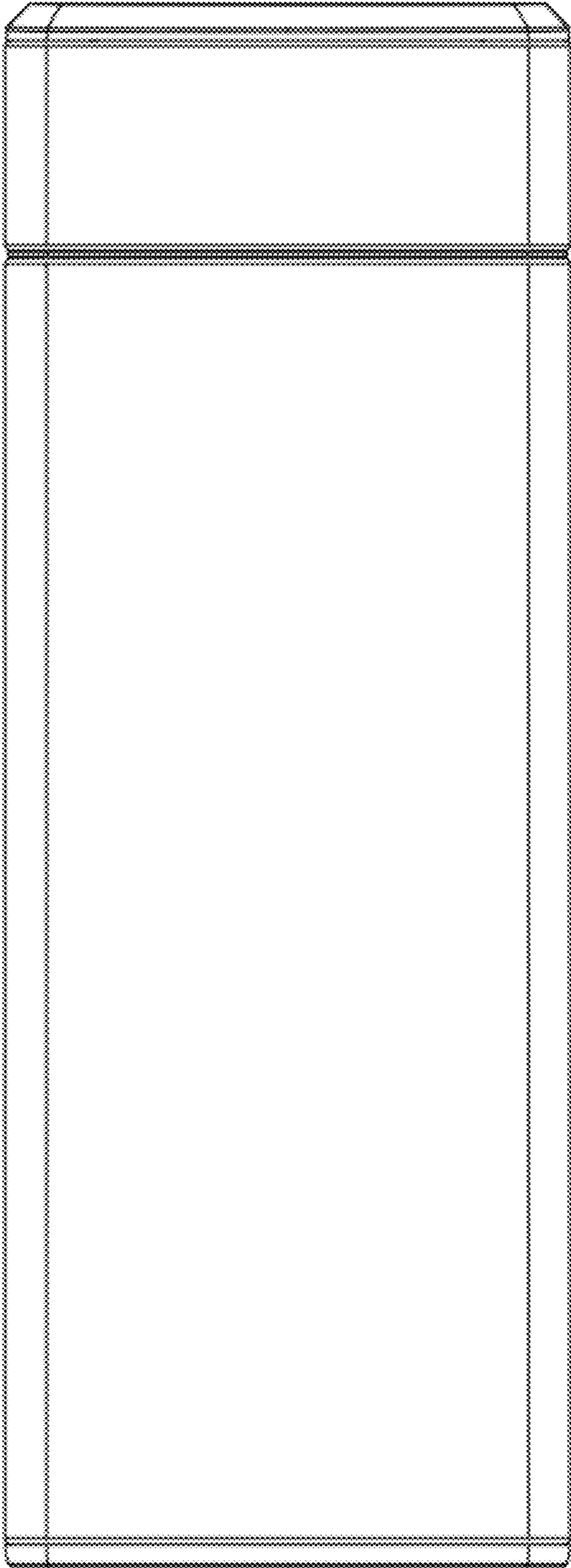


FIG. 3

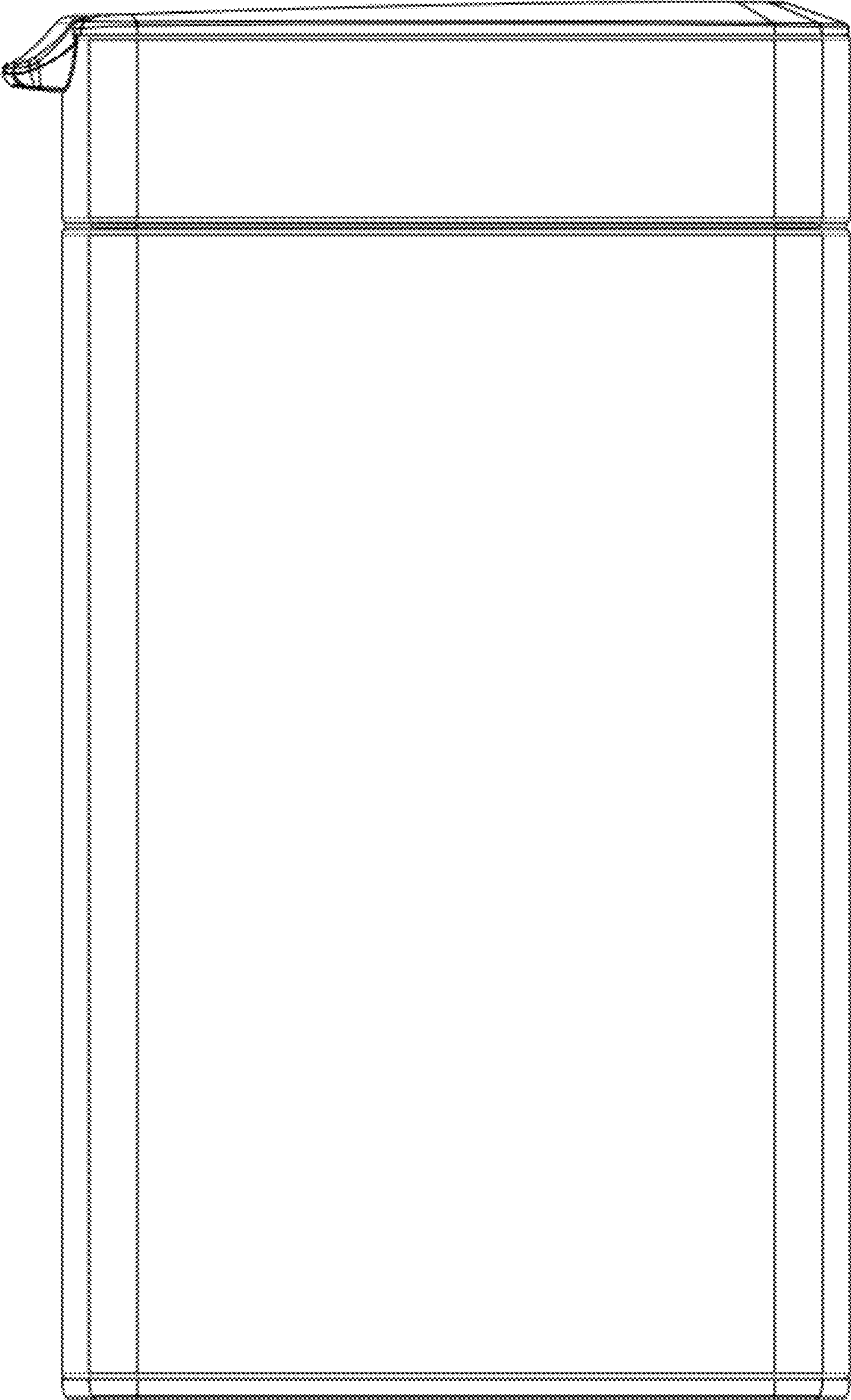


FIG. 4

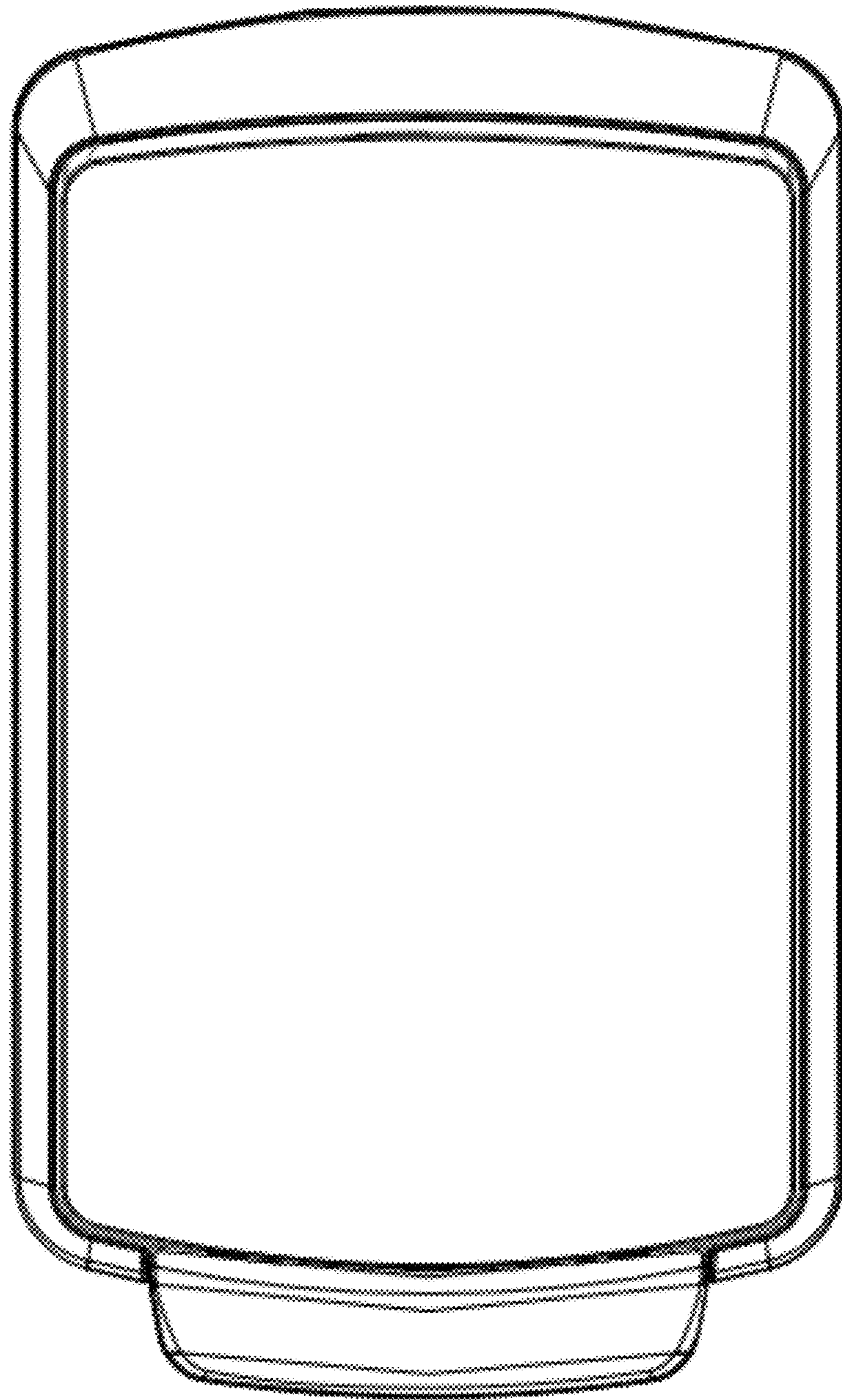


FIG. 5

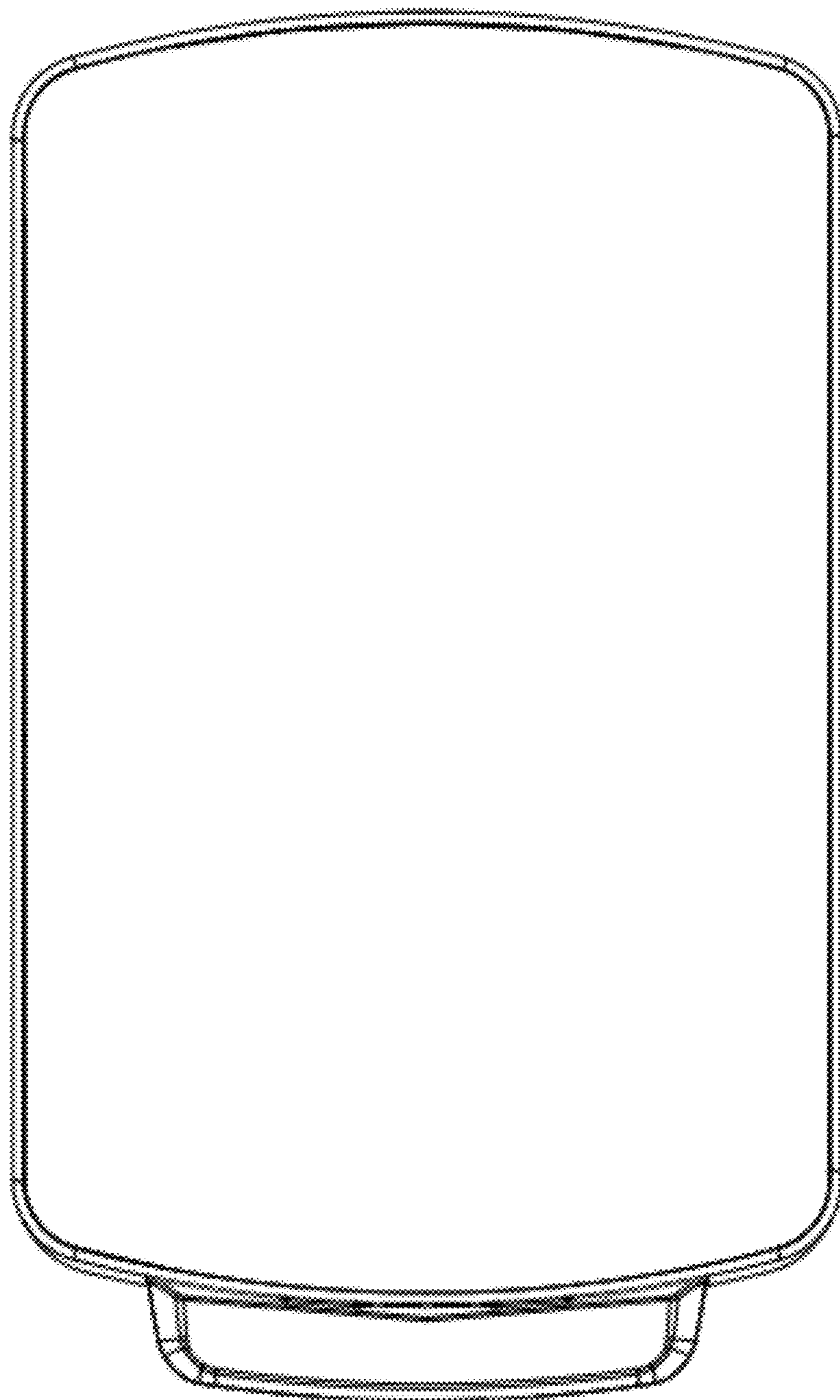


FIG. 6