



US00D980060S

(12) **United States Design Patent** (10) **Patent No.:** **US D980,060 S**
Tan et al. (45) **Date of Patent:** **** Mar. 7, 2023**

(54) **CONTAINER** 2,486,922 A 11/1949 Bruce
2,528,378 A 10/1950 Mannheimer
(71) Applicant: **The Procter & Gamble Company,** 2,613,185 A 10/1952 Marshall
Cincinnati, OH (US) 2,658,072 A 11/1953 Milton
2,694,668 A 11/1954 Fricke
(72) Inventors: **Wee Hau Tan,** Singapore (SG); **Lichao** 2,809,971 A 10/1957 Jack
Pan, Beijing (CN) 3,152,046 A 10/1964 Maria
D201,594 S 7/1965 Woodard
(73) Assignee: **The Procter & Gamble Company,**
Cincinnati, OH (US) (Continued)

(**) Term: **15 Years**
(21) Appl. No.: **29/766,885**
(22) Filed: **Jan. 19, 2021**

FOREIGN PATENT DOCUMENTS

CA 166297 5/2018
CN 1138091 12/1996
(Continued)

OTHER PUBLICATIONS

Fat Daddio, Anodized Aluminum Hexagon Cake Pan, announced Jun. 17, 2008, [online], site visited Oct. 18, 2022. Available from Internet, URL: <http://www.amazon.sg> (Year: 2008).*
(Continued)

Primary Examiner — Janice Patyk
(74) *Attorney, Agent, or Firm* — Alexandra S. Anoff

Related U.S. Application Data
(62) Division of application No. 29/676,338, filed on Jan. 10, 2019, now Pat. No. Des. 910,434.
(51) **LOC (14) Cl.** **09-03**
(52) **U.S. Cl.**
USPC **D9/425**
(58) **Field of Classification Search**
USPC D7/601, 602; D9/420, 425-429, 430,
D9/432, 737, 761
CPC ... B65D 1/00; B65D 1/26; B65D 1/34; B65D
1/40; B65D 11/00; B65D 11/20; B65D
21/00; B65D 21/02; B65D 21/0209;
B65D 21/0233; B65D 81/34; B65D
81/3446; B65D 81/3453; B65D 2581/34;
B65D 2581/3404; B65D 2581/3409
See application file for complete search history.

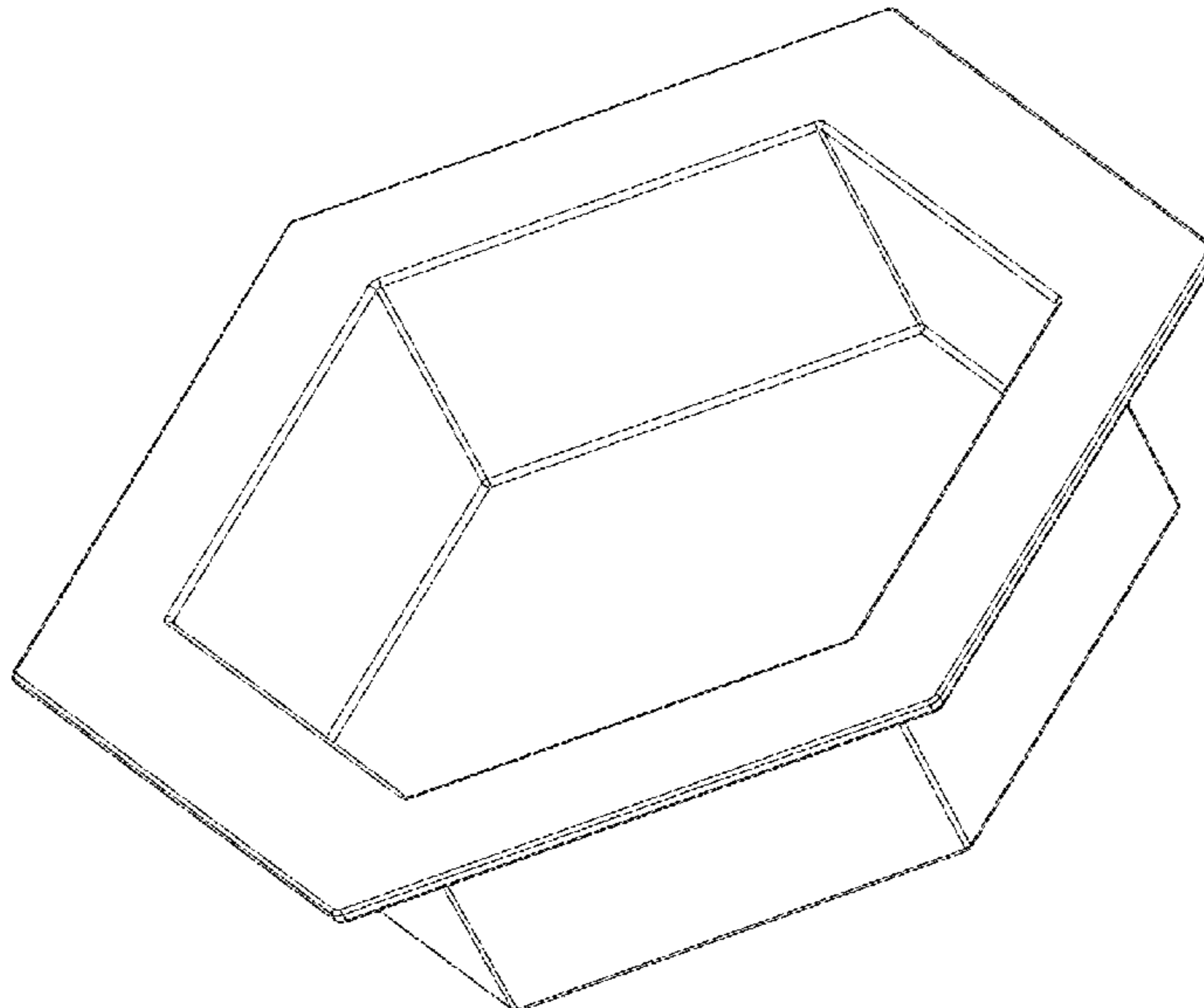
(57) **CLAIM**
The ornamental design for a container, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a container showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a cross-sectional view thereof, taken from FIG. 2.

(56) **References Cited**
U.S. PATENT DOCUMENTS
2,356,168 A 8/1944 Mabley
2,396,278 A 3/1946 Otto
2,438,091 A 3/1948 Lynch
2,486,921 A 11/1949 Byerly

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,236,733 A	2/1966	Karsten et al.	5,455,114 A	10/1995	Ohmory
3,321,425 A	5/1967	Karl-ludwig et al.	5,457,895 A	10/1995	Thompson et al.
3,332,880 A	7/1967	Adriaan et al.	5,458,433 A	10/1995	Stastny
D210,355 S	3/1968	Lay	D364,491 S	11/1995	Bradfield et al.
3,426,440 A	2/1969	Shen et al.	5,476,597 A	12/1995	Sakata et al.
3,428,478 A	2/1969	Donaldson et al.	5,501,238 A	3/1996	Borstel et al.
3,463,308 A	8/1969	Deneke	5,533,636 A	7/1996	Reiker
3,489,688 A	1/1970	Pospischil	5,580,481 A	12/1996	Sakata et al.
3,653,383 A	4/1972	Wise	5,582,786 A	12/1996	Brunskill et al.
3,695,989 A	10/1972	Albert	D377,580 S *	1/1997	Hayes D7/391
3,753,196 A	8/1973	Kurtz et al.	D378,180 S	2/1997	Hayes
3,761,418 A	9/1973	Parran	D380,826 S	7/1997	Sybilensky
3,929,678 A	12/1975	Laughlin	5,660,845 A	8/1997	Trinh et al.
3,967,921 A	7/1976	Haberli et al.	D384,438 S	9/1997	Hage
4,020,156 A	4/1977	Murray et al.	5,672,576 A	9/1997	Behrens et al.
4,051,081 A	9/1977	Jabs et al.	D385,186 S *	10/1997	Fildan D9/430
4,089,945 A	5/1978	Brinkman et al.	5,673,576 A	10/1997	Chen et al.
D248,543 S	7/1978	Strelcheck	5,674,478 A	10/1997	Dodd
4,149,551 A	4/1979	Benjamin et al.	5,750,122 A	5/1998	Evans
4,185,125 A	1/1980	Kimura et al.	5,780,047 A	7/1998	Kamiya et al.
4,196,190 A	4/1980	Gehman et al.	D398,847 S	9/1998	Wyslowsky
4,197,865 A	4/1980	Jacquet et al.	D399,260 S	10/1998	Thimote
4,206,196 A	6/1980	Davis	D407,640 S	4/1999	Crapser et al.
4,217,914 A	8/1980	Jacquet et al.	D408,223 S	4/1999	Henry
4,272,511 A	6/1981	Papantoniou et al.	5,911,224 A	6/1999	Berger
D260,691 S	9/1981	Hines	5,925,603 A	7/1999	D'Angelo
4,323,683 A	4/1982	Bolich, Jr. et al.	5,955,419 A	9/1999	Barket, Jr. et al.
4,345,080 A	8/1982	Bolich, Jr.	D416,103 S	11/1999	Hashmi
D266,829 S	11/1982	Yoshizawa et al.	D417,253 S	11/1999	Addonizio
4,379,753 A	4/1983	Bolich, Jr.	5,976,454 A	11/1999	Sterzel et al.
4,381,919 A	5/1983	Jacquet et al.	D418,415 S	1/2000	Hayes
4,422,853 A	12/1983	Jacquet et al.	D418,750 S	1/2000	Blin
4,470,982 A	9/1984	Winkler	6,010,719 A	1/2000	Remon et al.
4,507,280 A	3/1985	Pohl et al.	6,029,808 A	2/2000	Peck et al.
4,529,586 A	7/1985	De Marco et al.	6,034,043 A	3/2000	Fujiwara
4,536,361 A	8/1985	Torobin	D427,902 S	7/2000	Hayes
4,565,647 A	1/1986	Llenado	6,106,849 A	8/2000	Malkan et al.
D286,450 S	10/1986	Tovey	D432,868 S *	10/2000	Tan D7/584
4,635,351 A	1/1987	Koch et al.	6,177,391 B1	1/2001	Zafar
4,663,158 A	5/1987	Wolfram et al.	6,200,949 B1	3/2001	Reijmer et al.
4,710,374 A	12/1987	Grollier et al.	D441,869 S	5/2001	Bloor et al.
4,727,410 A	2/1988	Higgins	D442,353 S	5/2001	Macias
4,822,613 A	4/1989	Rodero	D442,739 S	5/2001	Friesenhahn
4,885,107 A	12/1989	Wetzel	D443,389 S	6/2001	Friesenhahn
4,976,953 A	12/1990	Orr et al.	D445,674 S	7/2001	Pritchett
4,990,280 A	2/1991	Thorengaard	D445,675 S	7/2001	Richardson
5,055,384 A	10/1991	Kuehnert	D448,802 S	10/2001	Lariviere, Jr. et al.
5,061,481 A	10/1991	Suzuki et al.	D449,881 S	10/2001	Mock, Sr.
5,062,889 A	11/1991	Hoehl et al.	D450,378 S	11/2001	Minakuchi et al.
5,062,994 A	11/1991	Imperator	6,365,142 B1	4/2002	Tamura
5,083,699 A *	1/1992	Bulcher B65D 1/34 229/125.17	D461,102 S *	8/2002	Suzuki D7/566
5,094,853 A	3/1992	Hagarty	D462,900 S	9/2002	Yamada et al.
5,098,636 A	3/1992	Balk	D464,486 S	10/2002	Vasudeva
5,100,657 A	3/1992	Ansher-Jackson et al.	6,458,754 B1	10/2002	Velazquez et al.
5,100,658 A	3/1992	Bolich, Jr. et al.	D465,303 S	11/2002	Friesenhahn
5,102,129 A	4/1992	Roberts	6,503,521 B1	1/2003	Atis et al.
5,104,646 A	4/1992	Bolich, Jr.	6,525,034 B2	2/2003	Dalrymple et al.
5,106,609 A	4/1992	Bolich, Jr.	D476,854 S *	7/2003	Garraway D7/584
5,166,276 A	11/1992	Hayama et al.	D479,561 S	9/2003	Meyer
D334,420 S	3/1993	Copeland et al.	D484,749 S	1/2004	Garraway
5,216,203 A	6/1993	Gower	D485,643 S	1/2004	Mcleish
5,220,033 A	6/1993	Kamei et al.	D489,162 S	5/2004	Dings-plooij
5,261,426 A	11/1993	Kellett et al.	D493,105 S	7/2004	Childs et al.
5,280,079 A	1/1994	Allen et al.	6,790,814 B1	9/2004	Marin
D344,023 S *	2/1994	Eisman D9/430	D497,437 S	10/2004	Poliacek et al.
RE34,584 E	4/1994	Grote et al.	6,800,295 B2	10/2004	Fox
D349,976 S	8/1994	Connell	6,808,375 B2	10/2004	Kloetzer
D351,345 S	10/1994	Geho	6,825,161 B2	11/2004	Shefer et al.
5,391,368 A	2/1995	Gerstein	6,831,046 B2	12/2004	Carew et al.
D357,115 S	4/1995	Ashley et al.	6,846,784 B2	1/2005	Engel et al.
5,409,703 A	4/1995	Mcanalley et al.	6,878,368 B2	4/2005	Ohta
D358,025 S	5/1995	Martin et al.	D509,935 S	9/2005	Burt
5,415,810 A	5/1995	Lee	6,943,200 B1	9/2005	Corrand et al.
5,429,628 A	7/1995	Trinh et al.	D515,915 S	2/2006	Karim
			D517,410 S	3/2006	Grant
			7,015,181 B2	3/2006	Lambino
			D520,185 S	5/2006	Zeng et al.
			D525,879 S	8/2006	Ueda et al.
			D526,885 S	8/2006	Kelleghan

(56)

References Cited

U.S. PATENT DOCUMENTS

D535,196 S	1/2007	Ueda et al.	D819,836 S	6/2018	Noël
7,208,460 B2	4/2007	Shefer et al.	D848,102 S	5/2019	Carlson et al.
D549,051 S	8/2007	Nordwall	D850,041 S	5/2019	Endle
D551,908 S *	10/2007	Friedland	10,294,586 B2	5/2019	Sivik et al.
7,285,520 B2	10/2007	Krzysik	D851,344 S	6/2019	Carlson et al.
7,387,787 B2	6/2008	Fox	D857,156 S	8/2019	Hani
D576,753 S	9/2008	Mukai	D857,242 S	8/2019	Darrow et al.
D577,332 S	9/2008	Moore	D857,929 S	8/2019	Darrow et al.
D578,010 S	10/2008	Friedland et al.	D858,308 S	9/2019	Vega et al.
D578,877 S *	10/2008	Lovett	D859,533 S	9/2019	Landi, Jr.
D578,878 S *	10/2008	Friedland	D862,020 S	10/2019	Gorrell et al.
D578,881 S	10/2008	Friedland	D862,218 S	10/2019	Giwani
D588,332 S	3/2009	Phelan	D863,600 S	10/2019	Chao
D601,856 S *	10/2009	Panca	D864,507 S	10/2019	Stoughton et al.
D605,527 S	12/2009	Kerr et al.	D866,105 S	11/2019	Carlson et al.
D619,888 S	7/2010	Domingues et al.	D866,891 S	11/2019	Carlson et al.
7,832,552 B2	11/2010	Newman	D866,892 S	11/2019	Hunt et al.
7,846,462 B2	12/2010	Spadini et al.	D866,893 S	11/2019	Hunt et al.
7,892,992 B2	2/2011	Kamada et al.	D867,717 S	11/2019	Chavez
7,901,696 B2	3/2011	Eknoian et al.	D868,159 S	11/2019	Swisher et al.
D637,073 S	5/2011	Morcos	D868,953 S	12/2019	Mckendree
D640,921 S	7/2011	Caldwell	D875,518 S	2/2020	Giwani
D644,541 S	9/2011	Schrader et al.	10,569,286 B2	2/2020	Anderson et al.
D651,096 S	12/2011	Nakagiri	D878,694 S	3/2020	Carlson et al.
D655,154 S	3/2012	Amos	D885,911 S *	6/2020	Silva
8,197,830 B2	6/2012	Helfman et al.	D885,912 S	6/2020	Silva
8,268,764 B2	9/2012	Glenn, Jr. et al.	10,694,917 B2	6/2020	Dreher et al.
8,273,333 B2	9/2012	Glenn, Jr.	D895,429 S	9/2020	Foote
8,288,332 B2	10/2012	Fossum et al.	D896,067 S	9/2020	Giwani
8,309,505 B2	11/2012	Fossum et al.	D900,234 S *	10/2020	MacDonald
8,349,341 B2	1/2013	Glenn, Jr. et al.	D901,115 S	11/2020	Carlson et al.
8,349,786 B2	1/2013	Glenn, Jr. et al.	D903,152 S	11/2020	Chao
8,349,787 B2	1/2013	Glenn, Jr. et al.	D905,975 S	12/2020	Svihilik
8,357,728 B2	1/2013	Butler et al.	D906,802 S	1/2021	Chi
D680,882 S	4/2013	Logue	D910,434 S	2/2021	Tan et al.
8,415,287 B2	4/2013	Glenn, Jr. et al.	D910,457 S	2/2021	Lee
D682,622 S	5/2013	Keys	D921,166 S	6/2021	Meyers
D682,671 S	5/2013	Gottschalk	D922,694 S	6/2021	Huang
D683,619 S	6/2013	Lamb et al.	D933,095 S	10/2021	Heiner et al.
D683,620 S	6/2013	Lamb et al.	D936,354 S	11/2021	Margetis
8,461,090 B2	6/2013	Glenn, Jr. et al.	D938,132 S	12/2021	Mark
8,461,091 B2	6/2013	Glenn, Jr.	D939,359 S	12/2021	Washington et al.
8,466,099 B2	6/2013	Glenn, Jr. et al.	D939,965 S	1/2022	Haazen
D685,436 S	7/2013	Menting	D942,111 S	2/2022	De Boer
D686,913 S	7/2013	Kirk et al.	D943,200 S	2/2022	Gerhards
8,476,211 B2	7/2013	Glenn, Jr. et al.	D944,030 S	2/2022	Wright et al.
8,546,640 B2	10/2013	Popovsky et al.	11,236,293 B2	2/2022	Ellson et al.
D694,621 S	12/2013	Mccarthy	D946,415 S	3/2022	Puyguiraud
D695,103 S	12/2013	Kirk et al.	D948,346 S	4/2022	Collier et al.
8,723,333 B2	5/2014	Park	D948,836 S	4/2022	De Boer
8,765,170 B2	7/2014	Glenn, Jr.	D949,006 S	4/2022	Albert
D712,159 S	9/2014	Cierici et al.	D959,052 S	7/2022	Gerhards et al.
D712,822 S	9/2014	Brusaw et al.	D959,283 S	8/2022	Guenther
D713,259 S	9/2014	Naef et al.	D959,284 S	8/2022	Burmeister et al.
D726,534 S	4/2015	Lo et al.	2002/0077264 A1	6/2002	Roberts et al.
9,062,186 B2	6/2015	Longdon et al.	2002/0081930 A1	6/2002	Jackson et al.
D737,691 S	9/2015	Abbott et al.	2002/0098994 A1	7/2002	Zafar
D739,227 S	9/2015	Mitchell et al.	2002/0099109 A1	7/2002	Dufton et al.
D740,928 S	10/2015	Bruining et al.	2002/0177621 A1	11/2002	Hanada et al.
9,198,838 B2	12/2015	Glenn, Jr.	2002/0187181 A1	12/2002	Godbey et al.
D748,240 S	1/2016	Goode	2003/0018242 A1	1/2003	Hursh et al.
D769,522 S	10/2016	Venet	2003/0032573 A1	2/2003	Tanner et al.
D771,788 S	11/2016	Duckwitz	2003/0045441 A1	3/2003	Hsu et al.
D774,086 S	12/2016	Montes et al.	2003/0069154 A1	4/2003	Hsu et al.
D775,198 S	12/2016	Montes et al.	2003/0080150 A1	5/2003	Cowan
9,539,444 B2	1/2017	Kinoshita	2003/0099691 A1	5/2003	Lydzinski et al.
D778,026 S	2/2017	Roetheli	2003/0099692 A1	5/2003	Lydzinski et al.
D793,025 S	8/2017	Slusarczyk et al.	2003/0141662 A1	7/2003	Kost et al.
D797,551 S	9/2017	Chatterton	2003/0155276 A1	8/2003	Gaffney et al.
D798,143 S	9/2017	Chatterton	2003/0180242 A1	9/2003	Eccard et al.
D800,545 S	10/2017	Burton	2003/0186826 A1	10/2003	Eccard et al.
D801,802 S	11/2017	Loritz	2003/0194416 A1	10/2003	Shefer
D808,583 S	1/2018	Zietek	2003/0199412 A1	10/2003	Gupta
D811,922 S	3/2018	Lefave	2003/0209166 A1	11/2003	Vanmaele et al.
D811,935 S	3/2018	Hughes	2003/0215522 A1	11/2003	Johnson et al.
			2003/0232183 A1	12/2003	Dufton
			2004/0029762 A1	2/2004	Hensley
			2004/0032859 A1	2/2004	Miao
					B65D 1/34 D21/392
					D9/456

(56)

References Cited

U.S. PATENT DOCUMENTS

2004/0048759	A1	3/2004	Ribble et al.
2004/0048771	A1	3/2004	Mcdermott
2004/0053808	A1	3/2004	Raehse et al.
2004/0059055	A1	3/2004	Inada
2004/0071742	A1	4/2004	Popplewell
2004/0071755	A1	4/2004	Fox
2004/0108615	A1	6/2004	Foley
2004/0110656	A1	6/2004	Casey et al.
2004/0126585	A1	7/2004	Kerins et al.
2004/0175404	A1	9/2004	Shefer
2004/0180597	A1	9/2004	Kamada
2004/0202632	A1	10/2004	Gott et al.
2004/0206270	A1	10/2004	Vanmaele et al.
2004/0242097	A1	12/2004	Hasenoehrl
2004/0242772	A1	12/2004	Huth et al.
2005/0069575	A1	3/2005	Fox
2005/0136780	A1	6/2005	Clark et al.
2005/0137272	A1	6/2005	Gaserod
2005/0159730	A1	7/2005	Kathrani et al.
2005/0202992	A1	9/2005	Grandio et al.
2005/0220745	A1	10/2005	Lu
2005/0232954	A1	10/2005	Yoshinari et al.
2005/0272836	A1	12/2005	Yaginuma et al.
2005/0287106	A1	12/2005	Legendre
2006/0002880	A1	1/2006	Peffly et al.
2006/0013869	A1	1/2006	Ignatious
2006/0052263	A1	3/2006	Roreger et al.
2006/0064510	A1	3/2006	Low et al.
2006/0078528	A1	4/2006	Yang
2006/0078529	A1	4/2006	Uchida
2006/0128592	A1	6/2006	Ross
2006/0159730	A1	7/2006	Simon
2006/0228319	A1	10/2006	Vona et al.
2006/0274263	A1	12/2006	Yacktman et al.
2007/0028939	A1	2/2007	Mareri et al.
2007/0099813	A1	5/2007	Luizzi
2007/0110792	A9	5/2007	Simon
2007/0135528	A1	6/2007	Butler et al.
2007/0149435	A1	6/2007	Koenig et al.
2007/0225388	A1	9/2007	Cooper et al.
2008/0019935	A1	1/2008	Khan
2008/0035174	A1	2/2008	Aubrun-sonneville
2008/0083420	A1	4/2008	Glenn et al.
2008/0090939	A1	4/2008	Netravali et al.
2008/0131695	A1	6/2008	Aouad et al.
2008/0138492	A1	6/2008	Cingotti
2008/0152894	A1	6/2008	Beihoffer et al.
2008/0153730	A1	6/2008	Tsaur
2008/0215023	A1	9/2008	Scavone et al.
2008/0276178	A1	11/2008	Fadell et al.
2008/0292669	A1	11/2008	Deng et al.
2008/0293839	A1	11/2008	Stobby
2009/0197787	A1	8/2009	Venet et al.
2009/0232873	A1	9/2009	Glenn, Jr.
2009/0263342	A1	10/2009	Glenn, Jr.
2010/0018641	A1	1/2010	Branham
2010/0150976	A1	6/2010	Schnitzler
2010/0167971	A1	7/2010	Glenn, Jr. et al.
2010/0173817	A1	7/2010	Glenn, Jr. et al.
2010/0229773	A1	9/2010	Droese
2010/0286011	A1	11/2010	Glenn, Jr. et al.
2010/0291165	A1	11/2010	Glenn, Jr. et al.
2011/0023240	A1	2/2011	Fossum
2011/0027328	A1	2/2011	Baig et al.
2011/0028374	A1	2/2011	Fossum et al.
2011/0033509	A1	2/2011	Simon
2011/0165110	A1	7/2011	Kinoshita et al.
2011/0182956	A1	7/2011	Glenn, Jr. et al.
2011/0189247	A1	8/2011	Glenn, Jr.
2011/0195098	A1	8/2011	Glenn, Jr.
2011/0250256	A1	10/2011	Hyun-oh et al.
2011/0287687	A1	11/2011	Kramer et al.
2012/0021026	A1	1/2012	Glenn, Jr.
2012/0052036	A1	3/2012	Glenn, Jr.
2012/0052037	A1	3/2012	Sivik et al.
2012/0107534	A1	5/2012	Wnuk et al.
2012/0237576	A1	9/2012	Gordon
2012/0270029	A1	10/2012	Glenn, Jr. et al.
2012/0294823	A1	11/2012	Aramwit
2012/0321580	A1	12/2012	Glenn, Jr.
2013/0236520	A1	9/2013	Popovsky et al.
2013/0303419	A1	11/2013	Glenn, Jr. et al.
2014/0271744	A1	9/2014	Glenn, Jr. et al.
2014/0329428	A1	11/2014	Glenn, Jr.
2015/0102307	A1	4/2015	Tajima et al.
2015/0297494	A1	10/2015	Mao
2015/0313803	A1	11/2015	Lynch et al.
2015/0313804	A1	11/2015	Lynch et al.
2015/0313805	A1	11/2015	Lynch et al.
2015/0313806	A1	11/2015	Lynch et al.
2015/0313807	A1	11/2015	Lynch et al.
2015/0313808	A1	11/2015	Lynch et al.
2015/0313809	A1	11/2015	Lynch et al.
2015/0315350	A1	11/2015	Mao
2016/0101026	A1	4/2016	Pratt
2016/0101204	A1	4/2016	Lynch et al.
2016/0143827	A1	5/2016	Castan Barberan
2016/0250109	A1	9/2016	Dreher
2016/0367104	A1	12/2016	Dreher
2017/0121641	A1	5/2017	Smith
2017/0129678	A1	5/2017	Burton
2017/0335080	A1	11/2017	Mao
2018/0140469	A1	5/2018	Kane et al.
2018/0311135	A1	11/2018	Chang et al.
2018/0333339	A1	11/2018	Hamersky
2018/0334644	A1	11/2018	Hamersky et al.
2019/0015875	A1	1/2019	Gardner, Jr. et al.
2019/0183243	A1	6/2019	Brügmann
2019/0282457	A1	9/2019	Pratt
2019/0282461	A1	9/2019	Glassmeyer
2019/0350819	A1	11/2019	Hamersky et al.
2020/0093710	A1	3/2020	Hamersky
2020/0214946	A1	7/2020	Chan et al.
2020/0308360	A1	10/2020	Mao et al.
2020/0405587	A1	12/2020	Song
2021/0000733	A1	1/2021	Hilvert
2021/0094744	A1	4/2021	Benson et al.
2021/0107263	A1	4/2021	Bartolucci et al.
2021/0147763	A1	5/2021	Tan et al.

FOREIGN PATENT DOCUMENTS

CN	1219388	6/1999
CN	1268558	10/2000
CN	1357613 A	7/2002
CN	1473194 A	2/2004
CN	1530431 A	9/2004
CN	1583991 A	2/2005
CN	3648760	5/2007
CN	102006852 A	4/2011
CN	301666535	9/2011
CN	102647973 A	8/2012
CN	103282015 A	9/2013
CN	104040061 A	9/2014
CN	304115833	4/2017
CN	106726634 A	5/2017
CN	106728634 A	5/2017
CN	304537587	3/2018
CN	109589279 B	3/2020
DE	19607851 A1	9/1997
DE	10331767 A1	2/2005
DE	DM100932	4/2018
DE	DM100938	4/2018
DE	DM101063	5/2018
DE	DM101100	5/2018
DE	DM101101	5/2018
EP	609808 A1	8/1994
EP	0858828 A1	8/1998
EP	1217987 B1	12/2004
EP	1160311 B1	3/2006
EP	1958532 A2	8/2008
EP	2085434 A1	8/2009
EP	1317916 B1	10/2010
FR	2871685 A1	12/2005

(56)

References Cited

FOREIGN PATENT DOCUMENTS

FR	2886845	A1	12/2006
GB	2235204	A	2/1991
GB	2355008	A	4/2001
JP	58021608		2/1983
JP	S58216109	A	12/1983
JP	S6272609	A	4/1987
JP	S6272610	A	4/1987
JP	S6281432	A	4/1987
JP	H01172319	A	12/1987
JP	H01313418	A	12/1989
JP	H0275650	A	3/1990
JP	H05344873	A	12/1993
JP	H0617083	A	1/1994
JP	0753349		2/1995
JP	H0789852	A	4/1995
JP	H08325133	A	12/1996
JP	H09216909	A	8/1997
JP	H10251371	A	9/1998
JP	2000053998	A	2/2000
JP	2003073700	A	3/2003
JP	2003082397	A	3/2003
JP	2004256799	A	9/2004
JP	2004345983	A	12/2004
JP	2005171063	A	6/2005
JP	2007091954	A	4/2007
JP	2007197540	A	8/2007
KR	20020003442	A	1/2002
WO	8301943	A1	6/1983
WO	9514495	A1	6/1995
WO	0119948	A1	3/2001
WO	0125393	A1	4/2001
WO	200125322	A1	4/2001
WO	2001024770	A1	4/2001
WO	2001054667	A1	8/2001
WO	0238722	A2	5/2002
WO	2004032859	A1	4/2004
WO	2004041991	A1	5/2004
WO	2005003423	A1	1/2005
WO	2005070374	A1	8/2005
WO	2005075547	A1	8/2005
WO	2007033598	A1	3/2007
WO	2007093558	A1	8/2007
WO	2009019571	A1	2/2009
WO	2009095891	A1	8/2009
WO	2010077627	A2	7/2010
WO	2010085569	A1	7/2010
WO	2012120199	A1	9/2012
WO	2019001940	A1	1/2019

OTHER PUBLICATIONS

Hexagon Cookie Cutter Shapes Biscuit Pastry Cake Bakery Mould Pink, announced Sep. 1, 2021, [online], site visited Oct. 18, 2022. Available from Internet, URL: <http://www.ebay.com> (Year: 2021).*

DelphiGlass, 12" Hexagon Stepping Stone Mold, [online], site visited Oct. 18, 2022. Available from Internet, URL: <http://www.delphiglass.com> (Year: 2022).*

All Office Actions; U.S. Appl. No. 29/815,500, filed Nov. 15, 2021.

Amazon. Plastic Hexagonal Weigh Boats Medium Dish by Scientific Equipment of Houston. First available May 28, 2008, Visited Oct. 25, 2021, <https://www.amazon.com/Plastic-Hexagonal-Weigh-Boats-Medium/dp/BO01AE6GXX> (Year: 2008).

Color Keeper [online], [site visited Oct. 18, 2021]. Available from internet, URL: https://shopgemz.com/products/color-keeper?variant=13094595002434&utm_source=google&utm_medium=cpc&utm_campaign=Shopping&gclid=Cj0KCQjw5JSLBhCxARIsAHgO2SdAT7LTehpyxM1qTGtnFETDa1Nuo9_cQSOppwCmsmmdGA1Y0USekQEaAh0iEALw_wcB (Year: 2021).

Paper Pieces Hexagons, announced 2018 [online], [site visited Oct. 14, 2021]. Available from internet, URL: <https://www.amazon.com/Paper-Pieces-HEX100B-Hexagons-1200pc/dp/B07DVYV2HN/> (Year: 2018).

Raymond C Rowe et al., Polyvinyl Alcohol, Handbook of Pharmaceutical Excipients, 2009, Sixth Edition, Pharmaceutical Press, 564-565.

Rounded hexagon shape, announced 2016 [online], [site visited Oct. 20, 2021], Available from internet, URL: <https://www.vexels.com/png-svg/preview/139199/rounded-hexagon-shape> (Year: 2016).

Sahin et al. "A Study on Physical and Chemical Properties of Cellulose Paper Immersed in Various Solvent Mixtures" International Journal Of Molecular Sciences, Jan. 2008; 9(1): 78-88.

U.S. Appl. No. 29/831,534, filed Mar. 21, 2022, Douglas Charles Cook et al.

U.S. Appl. No. 29/831,538, filed Mar. 21, 2022, Douglas Charles Cook et al.

U.S. Appl. No. 29/819,499, filed Dec. 15, 2021, Sharonda Lee Crawford Washington et al.

Anonymous "P8136 Poly(vinyl alcohol)" Internet article, [Online] XP002538935 retrieved from the Internet: URL: http://20NWW.sigmaaldrich.com/catalog/ProductDetail.do?D7=0%N25-SEARCH_CONCAT_PNOIBRAND_KEY%N4=P8136%7SCIAL%N25=0%QS=ON%F=SPEC retrieved on Jul. 28, 2009.

Briscoe et al. "The effects of hydrogen bonding upon the viscosity of aqueous poly(vinyl alcohol) solutions," from Polymer, 41 (2000), pp. 3851-3860.

Guerrini et al. "Thermal and Structural Characterization of Nanofibers of Poly(vinyl alcohol) Produced by Electrospinning", Journal of Applied Polymer Science, vol. 112, Feb. 9, 2009, pp. 1680-1687.

Hildebrand, T., et al. "Quantification of bone microarchitecture with the structure mode index", Computer Methods in Biomechanics and Biomedical Engineering, vol. 1, Jan. 14, 1997, pp. 15-23.

How Gemz work?, Gemz Hair Care, published on Oct. 1, 2018, retrieved on Apr. 27, 2021, retrieved from the Internet URL: <https://www.youtube.com/watch?v=ts1waYk43g4>.

<https://www.craftcuts.com/hexagon-craft-shape.html> Hexagon wood cutouts, www.craftcuts.com, 1 page, reviewed as early as May 2018 (Year: 2018).

Michelle Villett, Why You Need a Sulfate-Free Shampoo, The Skincare Edit, updated date: Jan. 25, 2019, Original publication date: Feb. 22, 2016 (Year: 2016), 7 pages.

Okasaka et al., "Evaluation Of Anionic Surfactants Effects On The Skin Barrier Function Based On Skin Permeability", Pharmaceutical Development and Technology, vol. 24, No. 1, Jan. 23, 2018, pp. 99-104.

Product Review: Gemz Solid Shampoo, Travel As Much, published on Mar. 19, 2019, retrieved on Apr. 27, 2021, retrieved from the Internet URL: <https://travelasmuch.com/gemz-solid-shampoo-review/>.

Vaughan, C.D. "Solubility, Effects in Product, Package, Penetration and Preservation", Cosmetics and Toiletries, vol. 103, Oct. 1988.

Veslerby, A.: "Star Volume in Bone Research: A Histomorphometric Analysis Of Trabecular Bone Structure Using Vertical Sections", Anal Rec: Feb. 1993, 232(2), pp. 325-334.

Zhang et al. "Study on Morphology of Electrospun Poly(vinyl alcohol) Mats," European Polymer Journal 41 (2005), pp. 423-432.

U.S. Appl. No. 29/707,809, filed Oct. 1, 2019, Sharonda Lee Crawford Washington et al.

U.S. Appl. No. 29/815,500, filed Nov. 15, 2021, Sharonda Lee Crawford Washington et al.

U.S. Appl. No. 29/728,687, filed Mar. 20, 2020, Douglas Charles Cook et al.

All Office Actions; U.S. Appl. No. 29/831,534, filed Mar. 21, 2022.

All Office Actions; U.S. Appl. No. 29/831,538, filed Mar. 21, 2022.

All Office Actions; U.S. Appl. No. 29/819,499, filed Dec. 15, 2021.

Youtube. Gemz Hair Care Review (zero waste shampoo). Published Jan. 31, 2020 by Everything Proof Beauty. Visited Jan. 19, 2022. <https://www.youtube.com/watch?v=AlfBRxRytgg> (Year: 2020).

U.S. Appl. No. 15/981,096, filed May 16, 2018, Hilvert et al.

U.S. Appl. No. 16/589,504, filed Oct. 1, 2010, Benson et al.

U.S. Appl. No. 29/728,687, filed Mar. 20, 2020, Cook et al.

U.S. Appl. No. 29/728,688, filed Mar. 20, 2020, Cook et al.

U.S. Appl. No. 29/672,822, filed Dec. 10, 2018, Tan et al.

U.S. Appl. No. 29/707,807, filed Oct. 1, 2019, Washington et al.

U.S. Appl. No. 29/707,809, filed Oct. 1, 2019, Washington et al.

(56)

References Cited

OTHER PUBLICATIONS

PCT International Search Report and Written Opinion for PCT/US2018/015363 dated Jun. 4, 2018.

PCT International Search Report and Written Opinion for PCT/US2018/015364 dated Oct. 1, 2018.

PCT International Search Report and Written Opinion for PCT/US2018/030762 dated Aug. 7, 2018.

PCT International Search Report and Written Opinion for PCT/US2020/070191 dated Aug. 28, 2020.

PCT International Search Report and Written Opinion for PCT/uS2020/070216 dated Oct. 9, 2020.

Astra Packaging. Hang Tabs. Publication date unavailable. Visited Apr. 19, 2022. <https://demo-octalogo.com/michaeljimanez/product/HANG-TABS/232/-clothing-racks-cash-handling-retail-tags-and-labels>.

Etsy. Hexagon Tags. Listed Feb. 3, 2022. Visited Apr. 19, 2022. <https://www.etsy.com/listing/622774825/115-custom-tags-1-x-11-hexagon-hexagon?> (Year: 2022).

Facebook. Homey—Portioned honey packaging by Katya Mushkina. Published by Packaging of the World on Oct. 30, 2019. Visited Apr. 19, 2022. <https://www.facebook.com/packagingoftheworld/photos/pcb.2436401276396131/2436400983062827/?type=3&theater>(Year: 2019).

Indiamart. Transparent Disposable PVC Blister Trays, For Packaging. Publication date unavailable. Visited Apr. 19, 2022. <https://www.indiamart.com/proddetail/pvc-blister-trays-3618179197.html>.

Taka Terra, “Shampoo Bar with Nettle and Tamanu Oil for Fragile Hair”. Publication date unavailable. Visited Apr. 19, 2022. <https://takaterra.com/en/bar-shampoo-grandma-solidu>.

U.S. Appl. No. 29/728,688, filed Mar. 20, 2020, Douglas Charles Cook et al.

U.S. Appl. No. 29/707,807, filed Oct. 1, 2019, Sharonda Lee Crawford Washington et al.

Wermuth et al. Drug Discovery, “Drug Discovery Today, 2006”, vol. 11 7/8, 348-354, Year 2006.

* cited by examiner

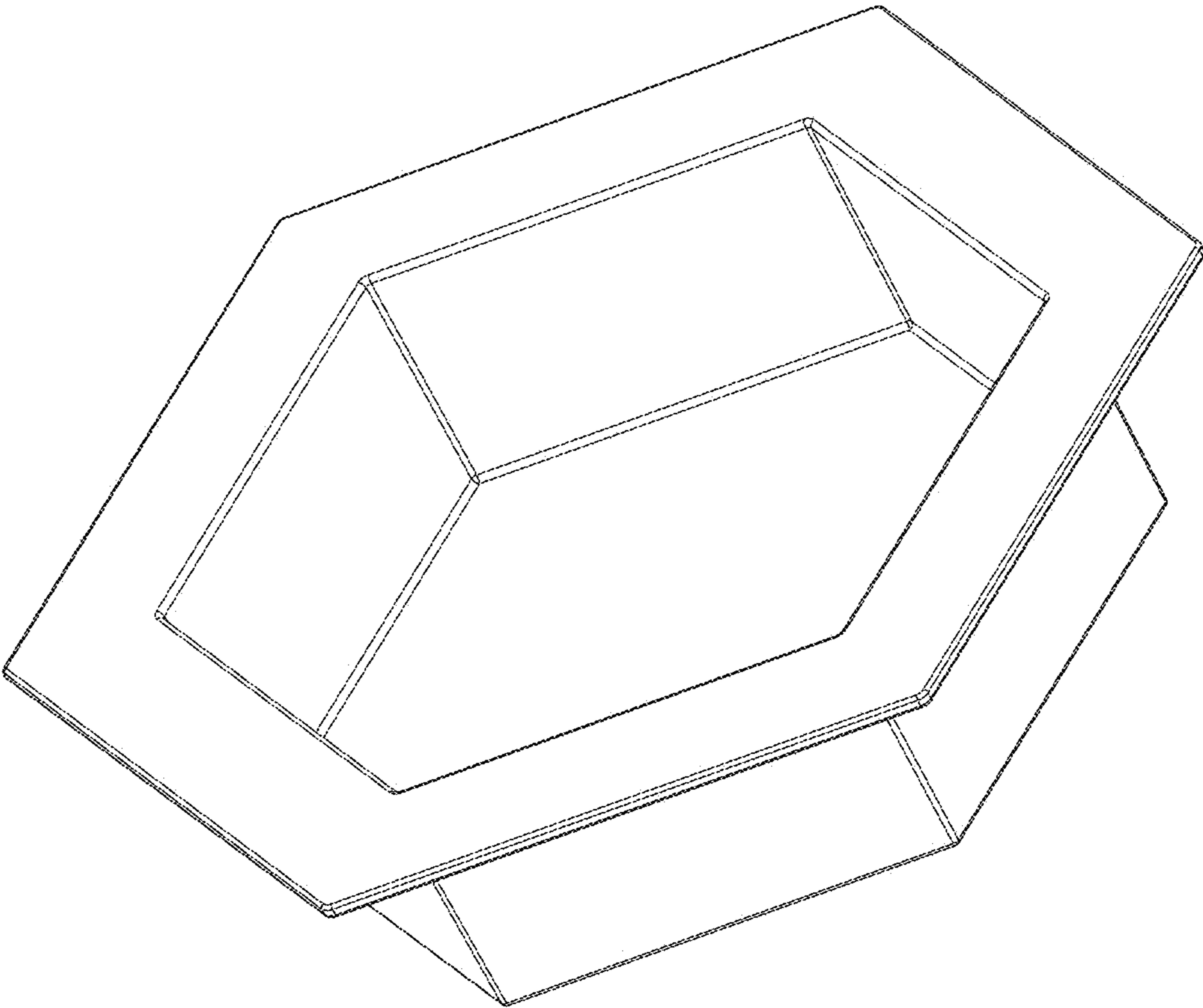


FIG. 1

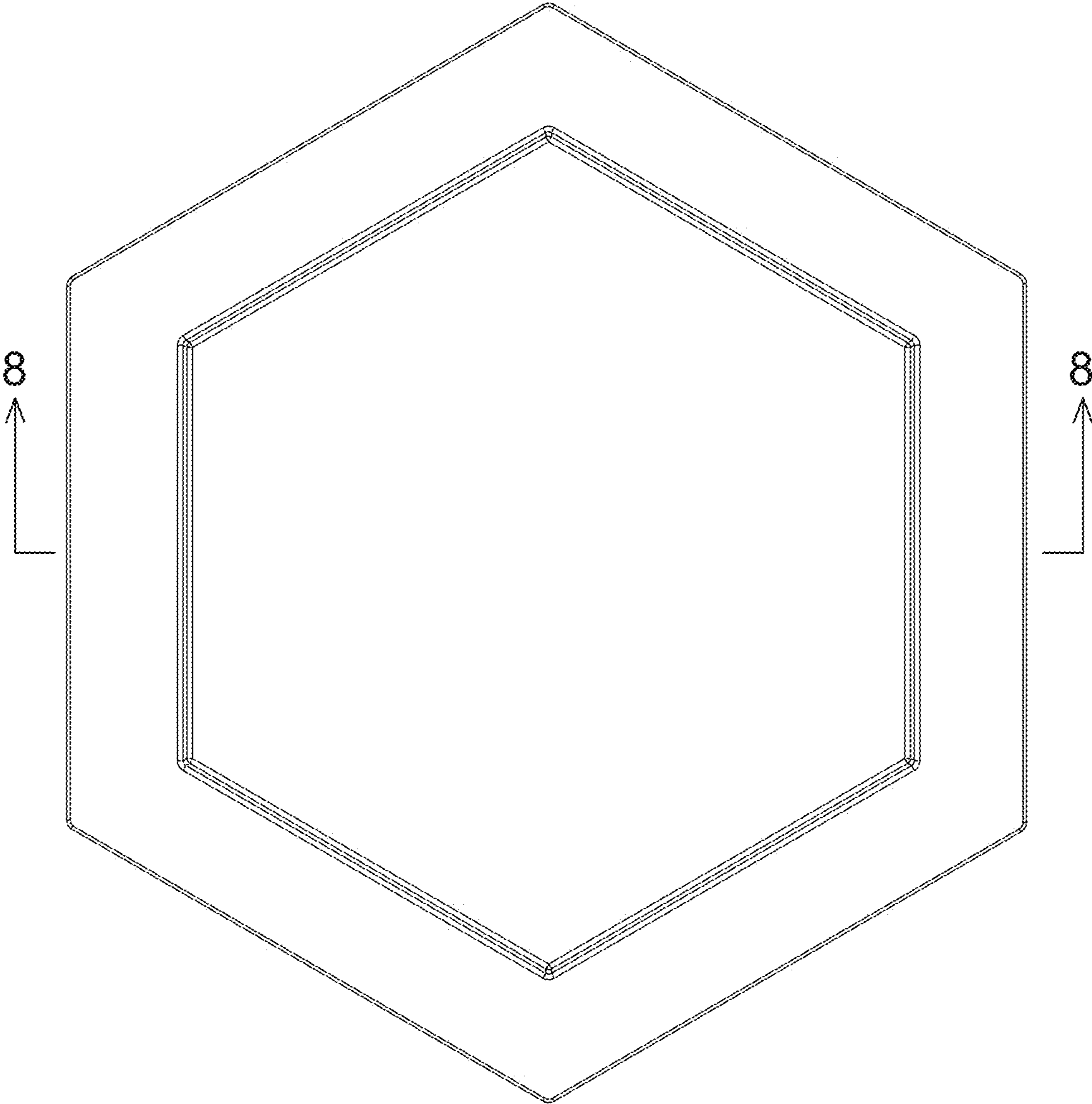


FIG. 2

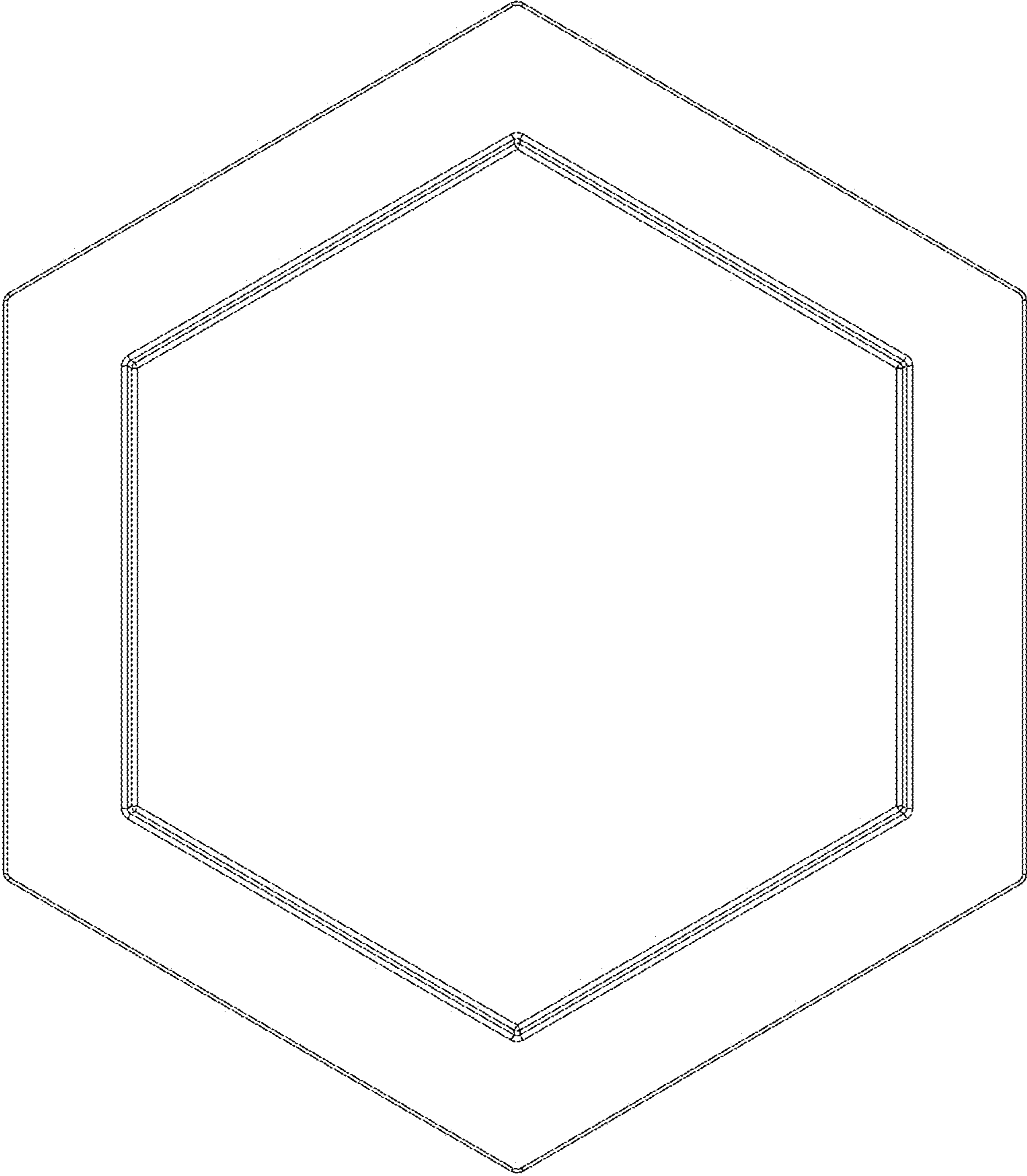


FIG. 3

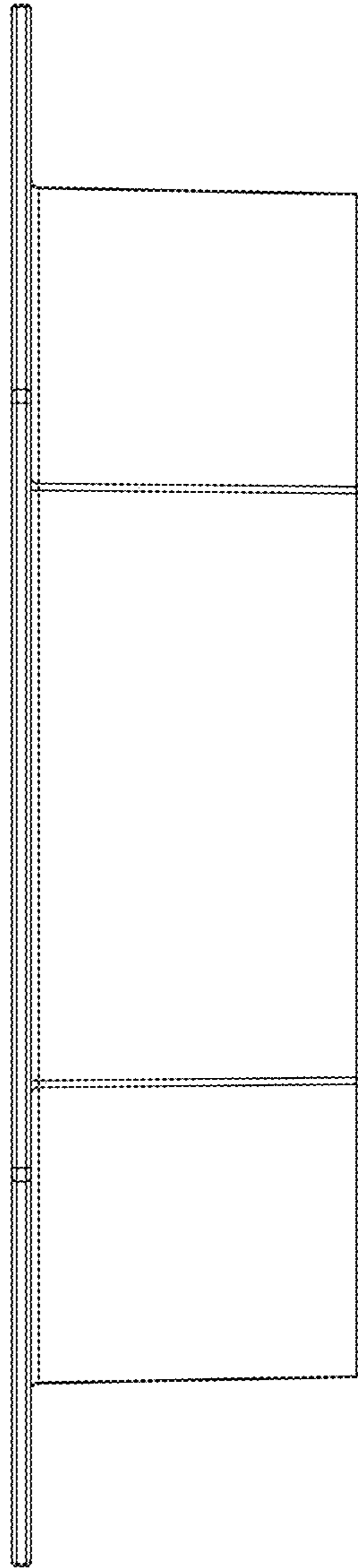


FIG. 4

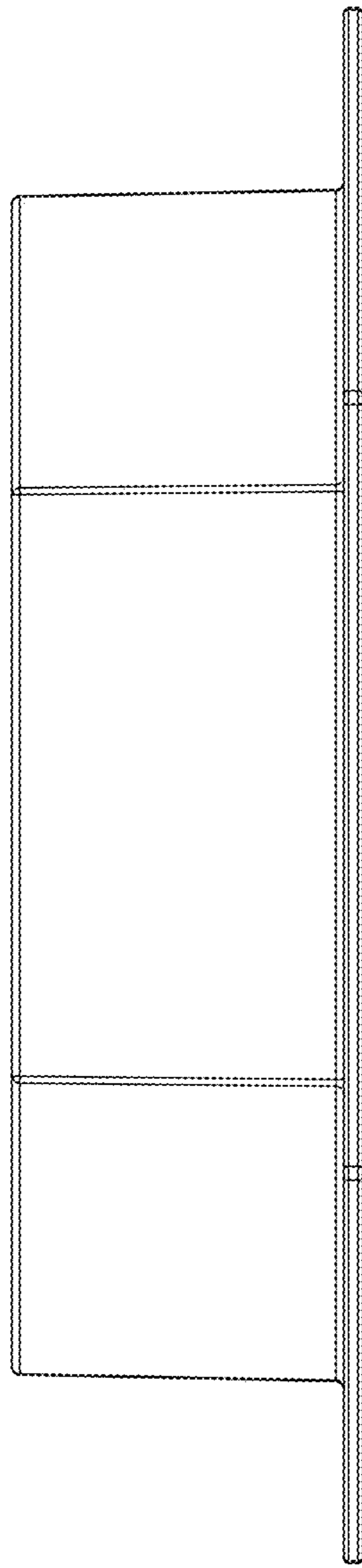


FIG. 5

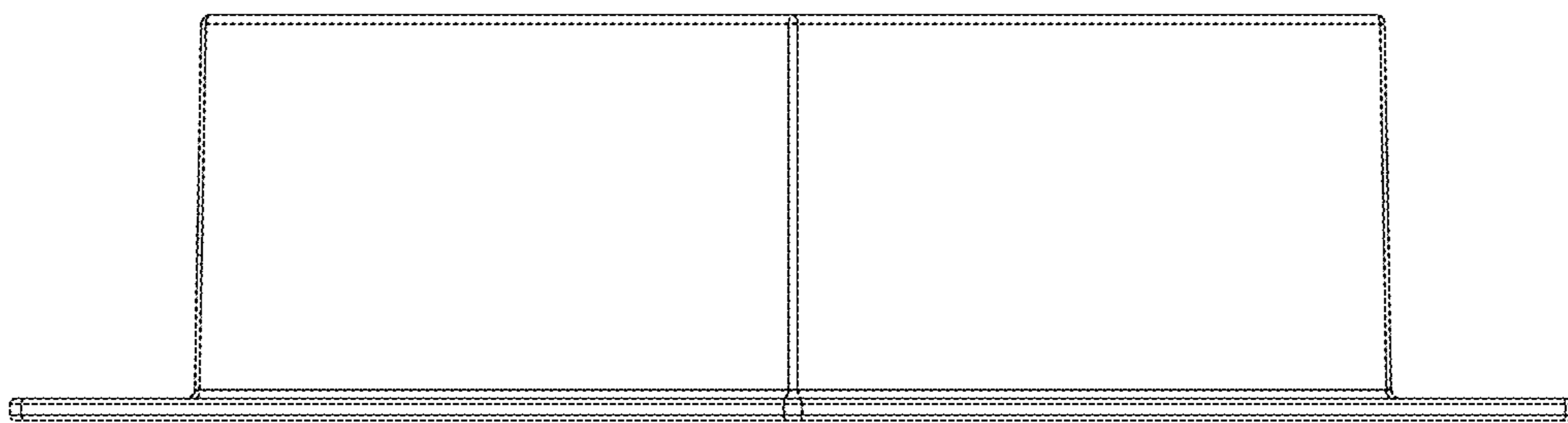


FIG. 6

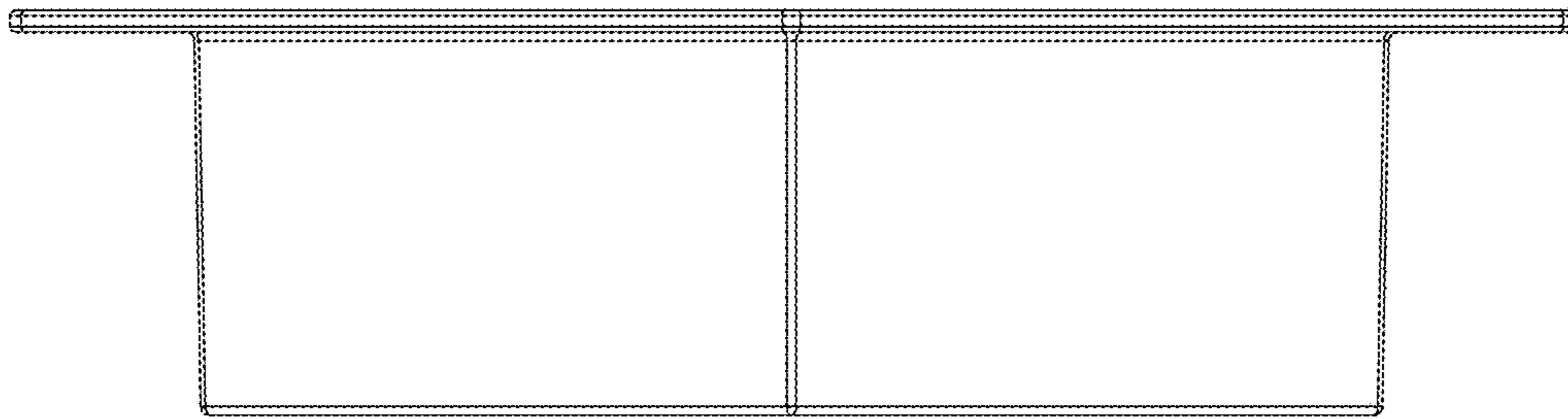


FIG. 7

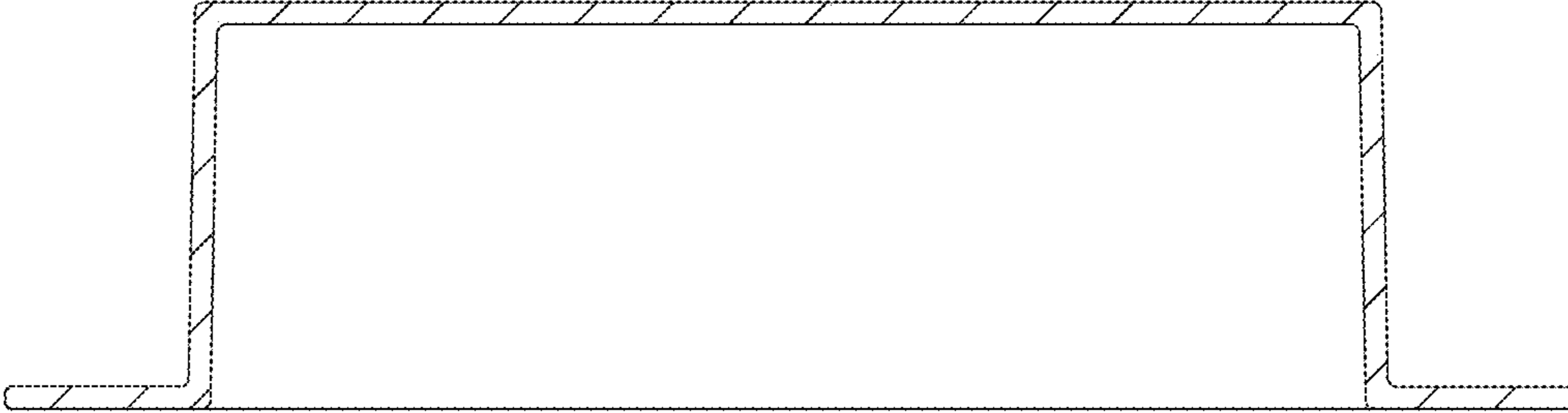


FIG. 8