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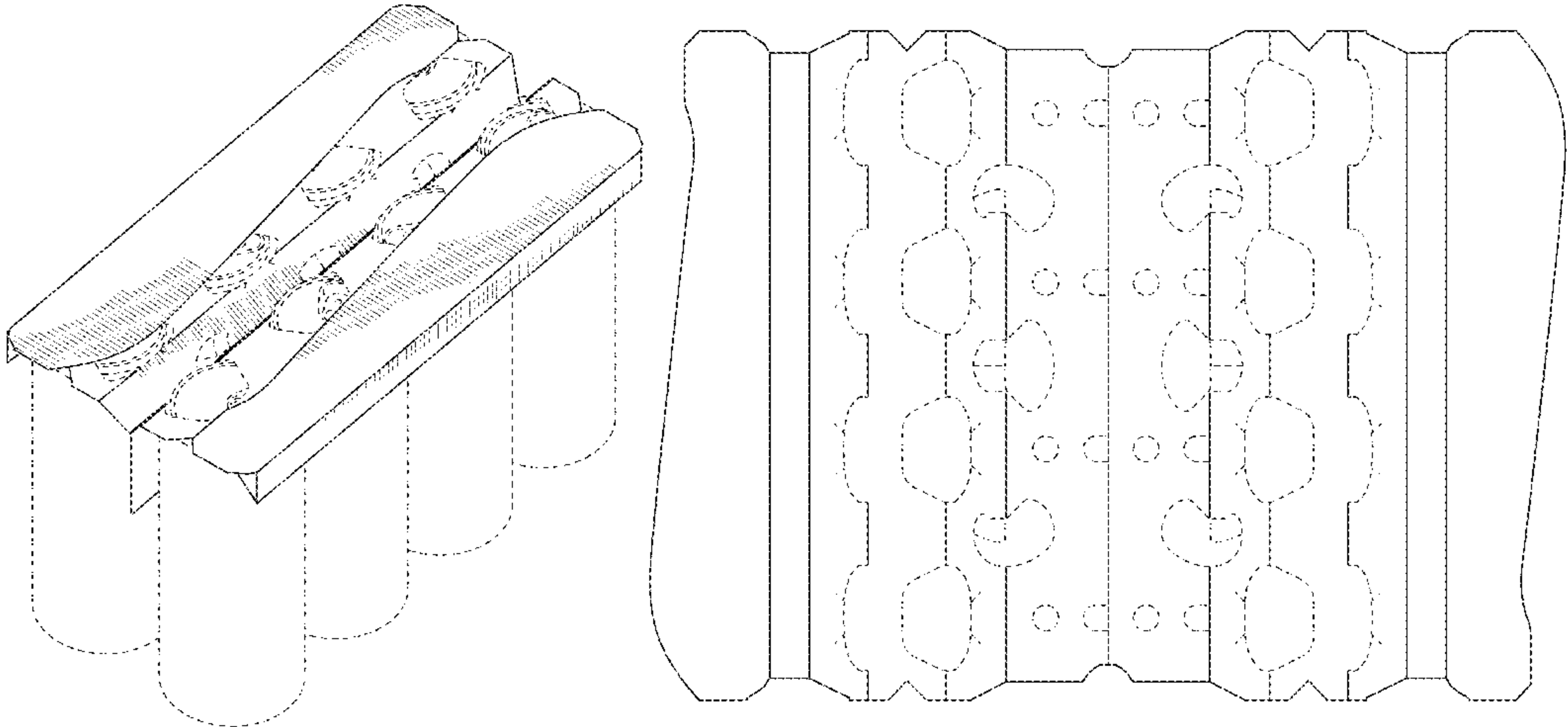
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CPC B65B 17/025; B65D 71/42; B65D 71/00; B65D 71/44; B65D 71/46; B65D 71/48
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

1,527,399 A	2/1925	Davidson
2,289,859 A	7/1942	Arthur
2,320,440 A	6/1943	Kruea
2,331,038 A	10/1943	Meller
2,397,376 A	3/1946	Caldwell
2,397,716 A	4/1946	Wendler
2,522,950 A	9/1950	Keith
2,594,376 A	4/1952	Arneson
2,594,377 A	4/1952	Arneson
2,737,326 A	3/1956	Toensmeier
2,798,603 A	7/1957	Grinspoon

2,950,041 A	8/1960	Stone
2,965,410 A	12/1960	Hughes
3,001,647 A	9/1961	Liss
3,046,711 A	7/1962	Harrison
3,061,141 A	10/1962	Cote
3,094,210 A	6/1963	Van Der Berg
3,099,475 A	7/1963	Manizza
3,118,537 A	1/1964	Copping
3,128,034 A	4/1964	Weiss
3,137,109 A	6/1964	Rapata
3,146,885 A	9/1964	Grantham
3,156,358 A	11/1964	Randrup
3,200,944 A	8/1965	Rapata
3,223,308 A	12/1965	Weiss
3,245,711 A	4/1966	Dantoin
3,257,066 A	6/1966	Williams
3,281,180 A	10/1966	Sperry
3,302,784 A	2/1967	Copping
3,387,879 A	6/1968	Wood
3,404,912 A	10/1968	Watts
3,410,596 A	11/1968	Slevin, Jr.
3,432,202 A	3/1969	Ebelhardt
3,463,535 A	8/1969	Beart
3,528,697 A	9/1970	Wood
3,587,847 A	6/1971	Graser
3,601,439 A	8/1971	Poupitch
3,612,266 A	10/1971	Graser
D222,579 S	11/1971	Oglesbee
3,627,121 A	12/1971	Deasy
3,653,503 A	4/1972	Arneson
3,693,787 A	9/1972	Duerr
3,698,550 A	10/1972	Graser
3,701,416 A	10/1972	Lawrence
3,722,945 A	3/1973	Wood
3,726,558 A	4/1973	Klygis
3,734,278 A	5/1973	Kerrigan
3,876,066 A	4/1975	Klygis
3,897,873 A	8/1975	Graser
3,924,739 A	12/1975	Gravesteijn
3,942,631 A	3/1976	Sutherland et al.
4,029,204 A	6/1977	Manizza
4,078,357 A	3/1978	Ida
4,111,298 A	9/1978	Mascia
4,120,396 A	10/1978	Mascia
4,136,772 A	1/1979	Mascia
4,155,502 A	5/1979	Forte
4,190,149 A	2/1980	Oliff et al.
D257,001 S	9/1980	Oliff
4,244,617 A	1/1981	Manizza
4,304,329 A	12/1981	Graser
D265,292 S	7/1982	Killy
4,339,032 A	7/1982	Wood
D265,979 S	8/1982	Arfert



US D1,080,400 S

Page 2

4,372,599	A	2/1983	Kiedaisch et al.	6,145,656	A	11/2000	Marco
4,378,879	A	4/1983	Killy	6,293,392	B1	9/2001	Galbierz
4,382,505	A	5/1983	Sutherland et al.	6,315,111	B1	11/2001	Sutherland
4,441,611	A	4/1984	Sommariva	6,394,272	B1	5/2002	Domansky
4,453,630	A	6/1984	Helms	6,896,130	B2	5/2005	Theelen
4,471,870	A	9/1984	Uhlig	D506,925	S	7/2005	Plumer
4,523,676	A	6/1985	Barrash	7,011,209	B2	3/2006	Sutherland et al.
D294,331	S	2/1988	Panazzolo	7,690,507	B2	4/2010	Sutherland
4,784,266	A	11/1988	Chaussadas	7,721,878	B2	5/2010	Requena
D304,017	S	10/1989	Oliff	7,762,397	B2	7/2010	Coltri-Johnson et al.
4,911,288	A	3/1990	Dantoin, Jr.	7,789,231	B2	9/2010	Requena
4,974,726	A	12/1990	Klygis et al.	7,823,721	B2	11/2010	Sutherland et al.
5,002,225	A	3/1991	Bienaimé	8,056,709	B2	11/2011	Sutherland
5,065,862	A	11/1991	Mousseau	8,096,413	B2	1/2012	DePaula
5,103,971	A	4/1992	Schuster	8,162,135	B2	4/2012	Oliveira
5,125,506	A	6/1992	Galbierz et al.	8,353,398	B2	1/2013	DePaula et al.
5,135,104	A	8/1992	Jorba	8,387,784	B2	3/2013	Gonzalez et al.
5,139,147	A	8/1992	Sutherland	8,443,968	B2	5/2013	DePaula
D329,807	S	9/1992	Heider	8,464,866	B2	6/2013	Sutherland et al.
5,188,225	A	2/1993	Jorba	8,469,184	B2	6/2013	Spivey, Sr.
5,193,673	A	3/1993	Rathbone et al.	8,602,209	B2	12/2013	Jones et al.
5,201,412	A	4/1993	Schuster et al.	8,631,932	B2	1/2014	Holley, Jr.
5,230,425	A	7/1993	Edqvist et al.	8,701,878	B2	4/2014	Spivey, Sr.
5,246,113	A	9/1993	Schuster	8,925,720	B2	1/2015	Sutherland et al.
5,263,299	A	11/1993	Galbierz et al.	8,936,149	B2	1/2015	Smalley
5,267,644	A	12/1993	Tsao	8,955,674	B2	2/2015	Spivey, Sr. et al.
5,282,348	A	2/1994	Dampier et al.	9,079,699	B2	7/2015	Holley, Jr.
5,297,673	A	3/1994	Sutherland	9,169,050	B2	10/2015	Spivey, Sr.
5,310,050	A	5/1994	Sutherland	9,284,090	B2	3/2016	Lettre
5,310,051	A	5/1994	Sutherland	9,359,093	B2	6/2016	DePaula et al.
5,314,224	A	5/1994	Bates	9,376,250	B2	6/2016	Spivey, Sr.
5,318,178	A	6/1994	Davies et al.	D767,408	S	9/2016	Shuster
5,323,895	A	6/1994	Sutherland et al.	9,446,891	B2	9/2016	Jones et al.
5,328,024	A	7/1994	Sutherland	9,511,916	B2	12/2016	Holley, Jr.
5,335,774	A	8/1994	Ganz	9,669,976	B2	6/2017	Kastanek et al.
5,351,815	A	10/1994	Fogle et al.	9,676,535	B2	6/2017	Spivey, Sr.
5,351,816	A	10/1994	Sutherland et al.	10,077,131	B2	9/2018	Lettre
5,351,817	A	10/1994	Sutherland	D881,021	S	4/2020	Bandinu
5,355,999	A	10/1994	Sutherland	D881,718	S	4/2020	Bandinu
5,360,104	A	11/1994	Sutherland	10,836,550	B2	11/2020	Zacherle
5,390,784	A	2/1995	Sutherland	D918,057	S	5/2021	L'Heureux
5,407,065	A	4/1995	Sutherland	D918,058	S	5/2021	L'Heureux
5,415,278	A	5/1995	Sutherland	11,014,727	B2	5/2021	McCree
5,425,446	A	6/1995	Weaver	D920,809	S	6/2021	Chesnet et al.
5,443,153	A	8/1995	Sutherland	D921,493	S	6/2021	Chesnet
5,445,262	A	8/1995	Sutherland	D923,416	S	6/2021	Luciano
5,452,799	A	9/1995	Sutherland	11,027,905	B2	6/2021	Ford
5,469,687	A	11/1995	Olson	11,180,301	B2	11/2021	Smalley
5,484,053	A	1/1996	Harris	D944,656	S	3/2022	Spivey, Sr.
5,485,914	A	1/1996	Martin	D946,416	S	3/2022	Smalley
5,487,464	A	1/1996	Galbierz et al.	D946,417	S	3/2022	Gonzalez Manzano
5,490,593	A	2/1996	Gordon et al.	D946,418	S	3/2022	Gonzalez Manzano
5,503,267	A	4/1996	Sutherland	D946,419	S	3/2022	Gonzalez Manzano
5,520,283	A	5/1996	Sutherland	D946,420	S	3/2022	Gonzalez Manzano
5,524,756	A	6/1996	Sutherland	D946,421	S	3/2022	Gonzalez Manzano
5,551,566	A	9/1996	Sutherland	11,261,013	B2	3/2022	Smalley
5,553,704	A	9/1996	Gordon et al.	11,286,094	B2	3/2022	Gonzalez Manzano
5,553,705	A	9/1996	Bakx	D955,889	S	6/2022	Gonzalez Manzano
5,573,111	A	11/1996	Gordon	D955,890	S	6/2022	Gonzalez Manzano
5,590,776	A	1/1997	Galbierz	D956,574	S	7/2022	Gonzalez Manzano
5,593,027	A	1/1997	Sutherland	11,401,095	B2	8/2022	Rosenbrien
5,609,247	A	3/1997	Appleton	11,420,802	B2	8/2022	Kooc
5,609,251	A	3/1997	Harris	D962,789	S	9/2022	Noel
5,609,379	A	3/1997	Harrelson	D974,923	S *	1/2023	Smalley D9/752
5,639,137	A	6/1997	Bakx	D984,279	S *	4/2023	McCree D9/752
5,682,982	A	11/1997	Stonehouse	D984,280	S *	4/2023	McCree D9/752
5,706,936	A	1/1998	Bernstein	D984,281	S *	4/2023	Gonzalez B65D 71/42
5,711,419	A	1/1998	Beales et al.				D9/752
5,735,394	A	4/1998	Harrelson	11,623,803	B2 *	4/2023	Thompson B65D 75/04
5,746,310	A	5/1998	Slomski				206/153
5,762,193	A	6/1998	Marco	D1,000,290	S *	10/2023	Thompson D9/752
5,791,463	A	8/1998	Negelen	11,840,387	B2 *	12/2023	Thompson B65D 71/48
5,816,391	A	10/1998	Harris	11,919,692	B2 *	3/2024	Smalley B65D 71/0003
5,845,776	A	12/1998	Galbierz et al.	11,958,673	B2 *	4/2024	Thompson B31B 50/732
5,878,876	A	3/1999	Galbierz et al.	12,084,244	B2 *	9/2024	Smalley B65B 17/025
5,960,945	A	10/1999	Sutherland	12,195,256	B2 *	1/2025	Ford B65D 71/40
6,039,181	A	3/2000	Whiteside	D1,064,846	S *	3/2025	Ford D9/752
6,059,099	A	5/2000	Galbierz	D1,064,847	S *	3/2025	Thompson D9/752
6,082,532	A	7/2000	Miess	D1,064,848	S *	3/2025	Thompson D9/752

2002/0195371	A1	12/2002	Brown	
2003/0080004	A1	5/2003	Olsen et al.	
2003/0213705	A1	11/2003	Woog	
2004/0206639	A1	10/2004	Karlsson	
2004/0211695	A1	10/2004	Karlsson	
2004/0226833	A1	11/2004	Daniel	
2005/0127151	A1	6/2005	Johnson	
2005/0199513	A1	9/2005	Bakx et al.	
2006/0255114	A1	11/2006	Hand et al.	
2007/0080084	A1	4/2007	Sutherland	
2007/0163908	A1	7/2007	Sutherland	
2009/0101526	A1	4/2009	Sutherland et al.	
2009/0127147	A1	5/2009	Sutherland	
2010/0078337	A1	4/2010	Sutherland et al.	
2010/0264043	A1	10/2010	DePaula	
2011/0000799	A1	1/2011	Gonzalez	
2012/0138489	A1	6/2012	Holley, Jr.	
2015/0191287	A1	7/2015	L’Heureux et al.	
2016/0325899	A1	11/2016	L’Heureux et al.	
2018/0111734	A1	4/2018	Jego	
2018/0222650	A1	8/2018	Zacherle	
2018/0362234	A1	12/2018	L’Heureux et al.	
2019/0119019	A1	4/2019	Patton	
2020/0010255	A1	1/2020	Zacherle et al.	
2020/0079564	A1	3/2020	Ford	
2020/0189817	A1	6/2020	Smalley	
2020/0189818	A1	6/2020	McCree	
2020/0189819	A1	6/2020	McCree	
2020/0189821	A1	6/2020	Smalley	
2020/0189822	A1	6/2020	Smalley	
2020/0223612	A1	7/2020	Swenson	
2021/0061502	A1	3/2021	Johnston	
2021/0094742	A1	4/2021	Gonzalez Manzano	
2021/0276776	A1	9/2021	Zammit	
2021/0316921	A1	10/2021	Holtz	
2021/0331847	A1	10/2021	Gonzalez Manzano	
2021/0331848	A1	10/2021	Gonzalez Manzano	
2021/0339928	A1	11/2021	Blin	
2022/0009685	A1	1/2022	Thompson	
2022/0097941	A1	3/2022	McCree	
2022/0396407	A1 *	12/2022	Thompson	B65D 71/48
2022/0411155	A1 *	12/2022	Ford	B65D 71/20
2023/0019145	A1 *	1/2023	Thompson	B65D 71/42
2023/0257177	A1 *	8/2023	Aneiros	B65D 71/42
				206/149
2023/0339665	A1 *	10/2023	Merzeau	B65D 71/46
2023/0406591	A1 *	12/2023	Van Triel	B65B 27/04
2024/0010407	A1 *	1/2024	Werner	B65D 71/42
2024/0109703	A1 *	4/2024	Thompson	B65D 71/46

FOREIGN PATENT DOCUMENTS

AT	399701	B	7/1995
CA	2133827		10/1993
DE	298 13 672	U1	11/1998
DE	203 19 247	U1	5/2004
DE	10 2009 059 047	A1	6/2011
EM	008263974-0002	*	11/2020
EP	0 051 413	A1	5/1982
EP	0 060 504	A2	9/1982
EP	0 057 437	B1	5/1985
EP	0 496 807		6/1993
EP	0 636 096		2/1995
EP	0 715 593	A1	6/1996
EP	0 398 835	B1	10/1996
EP	2 067 713	A1	6/2009
EP	1 528 007	B1	10/2010
EP	2739547	B1	7/2017
EP	3 666 684	A1	6/2020
EP	3 666 685	A1	6/2020
FR	2 737 196	A1	1/1997
GB	1 256 684		12/1971
GB	2 321 229	A	7/1998
GB	9006736716		8/2019
GB	2591535	A	8/2021
GB	6161591		9/2021
JP	37-15730		9/1960
JP	10-297668	A	11/1998
JP	2001-519300	A	10/2001

JP	2003-146359		5/2003
JP	2004-189243	A	7/2004
JP	2015-048088	A	3/2015
JP	2016-124605		7/2016
KR	10-2005-0051616	A	6/2005
KR	10-2020-0106806	A	9/2020
KR	301130233		10/2021
WO	WO 93/02941		2/1993
WO	WO 93/21083		10/1993
WO	WO 93/25439	A1	12/1993
WO	WO 94/22738	A1	10/1994
WO	WO 95/01289	A1	1/1995
WO	WO 95/06604		3/1995
WO	WO 96/26128	A1	8/1996
WO	WO 96/32340	A1	10/1996
WO	WO 2006/044583	A2	4/2006
WO	WO 2008/058294	A1	5/2008
WO	WO 2010/006629	A1	1/2010
WO	WO 2010/101852	A1	9/2010
WO	WO 2016/100010	A1	6/2016
WO	WO 2016/112145	A1	7/2016
WO	WO 2021/168417	A1	8/2021
WO	WO 2021/188751	A1	9/2021
WO	WO 2021/262858	A1	12/2021

OTHER PUBLICATIONS

“Florida brewery unveils six-pack rings that spare sea turtles, not snare them,” by Thomas Leavy, CBSNews.com. Date posted: May 24, 2018. Site visited: Sep. 12, 2022. Available online: <https://www.cbsnews.com/news/florida-saltwater-brewery-non-plastic-six-pack-rings-spare-sea-turtles/> (Year: 2018).

“Pepsi trials molded pulp alternative to plastic rings” in BeverageDaily.com. Date posted: Feb. 28, 2020. Site visited: Sep. 12, 2022. Available online: <https://www.beveragedaily.com/Article/2020/02/28/Pepsi-trials-molded-pulp-alternative-to-plastic-rings#> (Year: 2020).

“Paperboard Can Handle Applicator,” as seen in Packaging World Online. Date first available: 2020. Site visited: Sep. 13, 2022. Available online: <https://www.packworld.com/news/sustainability/article/21202650/paperboard-can-handle-applicator> (Year: 2020).

“The ‘Ecogrip’ Corrugated Bottle Carrier is a Plastic Alternative” in Trendhunter.com. Date published: Jan. 20, 2021. Site visited: Sep. 12, 2022. Available online: <https://www.trendhunter.com/trends/corrugated-bottle-carrier> (Year: 2021).

International Search Report and Written Opinion for PCT/US2019/034491 dated Sep. 19, 2019.

International Search Report and Written Opinion for PCT/US2019/034490 dated Sep. 19, 2019.

International Search Report and Written Opinion for PCT/US2019/034494 dated Sep. 19, 2019.

International Search Report and Written Opinion for PCT/US2019/034489 dated Sep. 19, 2019.

International Search Report and Written Opinion for PCT/US2019/034493 dated Sep. 20, 2019.

European Search Report for EP 19 18 0460 dated Jan. 13, 2020.

European Search Report for EP 19 18 0439 dated Jan. 10, 2020.

European Search Report for EP 19 18 0436 dated Jan. 22, 2020.

European Search Report for EP 19 18 0446 dated Feb. 3, 2020.

European Search Report for EP 19 18 0453 dated Feb. 10, 2020.

International Search Report and Written Opinion for PCT/US2020/024614 dated Sep. 15, 2020.

European Search Report for EP 20 16 8268 dated Oct. 2, 2020.

International Search Report and Written Opinion for PCT/US2020/054205 dated Jan. 20, 2021.

International Search Report and Written Opinion for PCT/US2020/064472 dated Mar. 15, 2021.

International Search Report and Written Opinion for PCT/US2020/064471 dated Mar. 29, 2021.

International Search Report and Written Opinion for PCT/US2020/064473 dated Apr. 1, 2021.

European Search Report for EP 20 20 533 dated Mar. 23, 2021.

European Search Report for EP 20 21 5364 dated Jul. 1, 2021.

European Search Report for EP 20 21 5371 dated Jul. 1, 2021.

European Search Report for EP 20 21 5399 dated Jul. 1, 2021.

International Search Report and Written Opinion for PCT/US2021/052279 dated Jan. 5, 2022.
 International Search Report and Written Opinion for PCT/US2021/052278 dated Jan. 5, 2022.
 International Search Report and Written Opinion for PCT/US2021/052272 dated Jan. 7, 2022.
 International Search Report and Written Opinion for PCT/US2021/052290 dated Jan. 21, 2022.
 Cap-it packaging video on Vimeo. Date posted: 2021. Site visited: Sep. 19, 2022. Available online: https://vimeo.com/610619455?embedded=true&source=vimeo_logo&owner=24551687 (Year: 2021).
 2020 Package of the Year and Innovation of the Year on YouTube. Date posted: Oct. 19, 2020. Site visited: Sep. 12, 2022. Available online: <https://www.youtube.com/watch?v=wxwpM4hodFA> (Year: 2020).
 Enviroclip. Date posted: 2022. Site visited: Sep. 12, 2022. Available online: <https://www.graphicpkg.com/products/enviroclip/> (Year: 2022).
 Notice of Allowance and Fee(s) Due for U.S. Appl. No. 29/735,178, dated Jan. 3, 2023.
 Amendment B and Response to Ex Parte Quayle Acton for U.S. Appl. No. 29/735,178, dated Oct. 26, 2022.
 Office Action for U.S. Appl. No. 29/735,178, dated Sep. 1, 2022.
 Amendment A and Response to Restriction Requirement for U.S. Appl. No. 29/735,178, dated Aug. 15, 2022.
 Office Action for U.S. Appl. No. 29/735,178, dated Jul. 15, 2022.
 Notice of Reasons for Refusal for Japanese Patent Application No. 2021-533738 dated Mar. 7, 2023 with translation.
 Notice of Reasons for Refusal for Japanese Patent Application No. 2022-521248 dated Jan. 15, 2024, with English translation.
 Request for the Submission of an Opinion for Korean Patent Application No. 10-2021-7021580 dated Dec. 26, 2023, with English translation.

* cited by examiner

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(57)

CLAIM

The ornamental design for a carrier, as shown and described.

DESCRIPTION

The disclosures of each of U.S. patent application Ser. No. 16/426,050, filed on May 30, 2019, U.S. patent application Ser. No. 16/426,057, filed on May 30, 2019, U.S. patent application Ser. No. 16/426,060, filed on May 30, 2019, U.S. patent application Ser. No. 16/426,063, filed on May 30, 2019, U.S. patent application Ser. No. 16/426,066, filed on May 30, 2019, U.S. Design patent application Ser. No. 29/692,992, filed on May 30, 2019, U.S. Design patent application Ser. No. 29/692,993, filed on May 30, 2019, U.S. Design patent application Ser. No. 29/692,994, filed on May 30, 2019, U.S. Design patent application Ser. No. 29/692,996, filed on May 30, 2019, U.S. Design patent application Ser. No. 29/692,997, filed on May 30, 2019, U.S. patent application Ser. No. 16/598,282, filed on Oct. 10, 2019, U.S. Design patent application Ser. No. 29/709,918, filed on Oct. 18, 2019, U.S. patent application Ser. No. 16/829,346, filed on Mar. 25, 2020, are hereby incorporated by reference for all purposes as if presented herein in their entirety.
 FIG. 1 is a perspective view of an exemplary embodiment of a carrier showing our new design.
 FIG. 2 is a front elevation view of the carrier of FIG. 1, the rear elevation view is a mirror image.
 FIG. 3 is a left elevation view of the carrier of FIG. 1, the right elevation view is a mirror image.
 FIG. 4 is a top plan view of the carrier of FIG. 1.
 FIG. 5 is a bottom plan view of the carrier of FIG. 1; and, FIG. 6 is a plan view of the carrier of FIG. 1 shown in an unfolded configuration.
 The broken lines showing cans illustrate environmental structure. All other broken lines represent portions of the carrier. The broken lines form no part of the claim design.

1 Claim, 6 Drawing Sheets

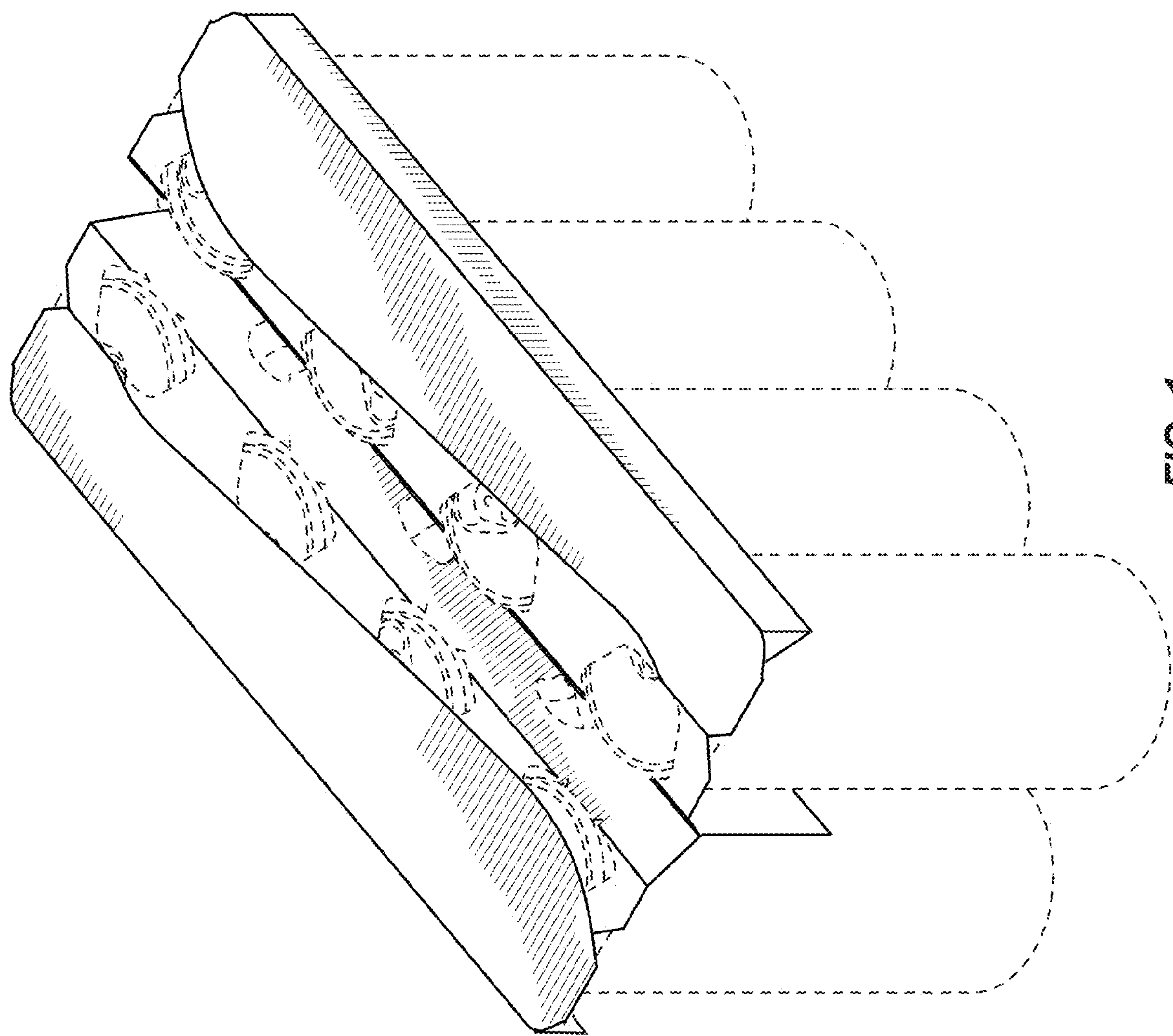


FIG. 1

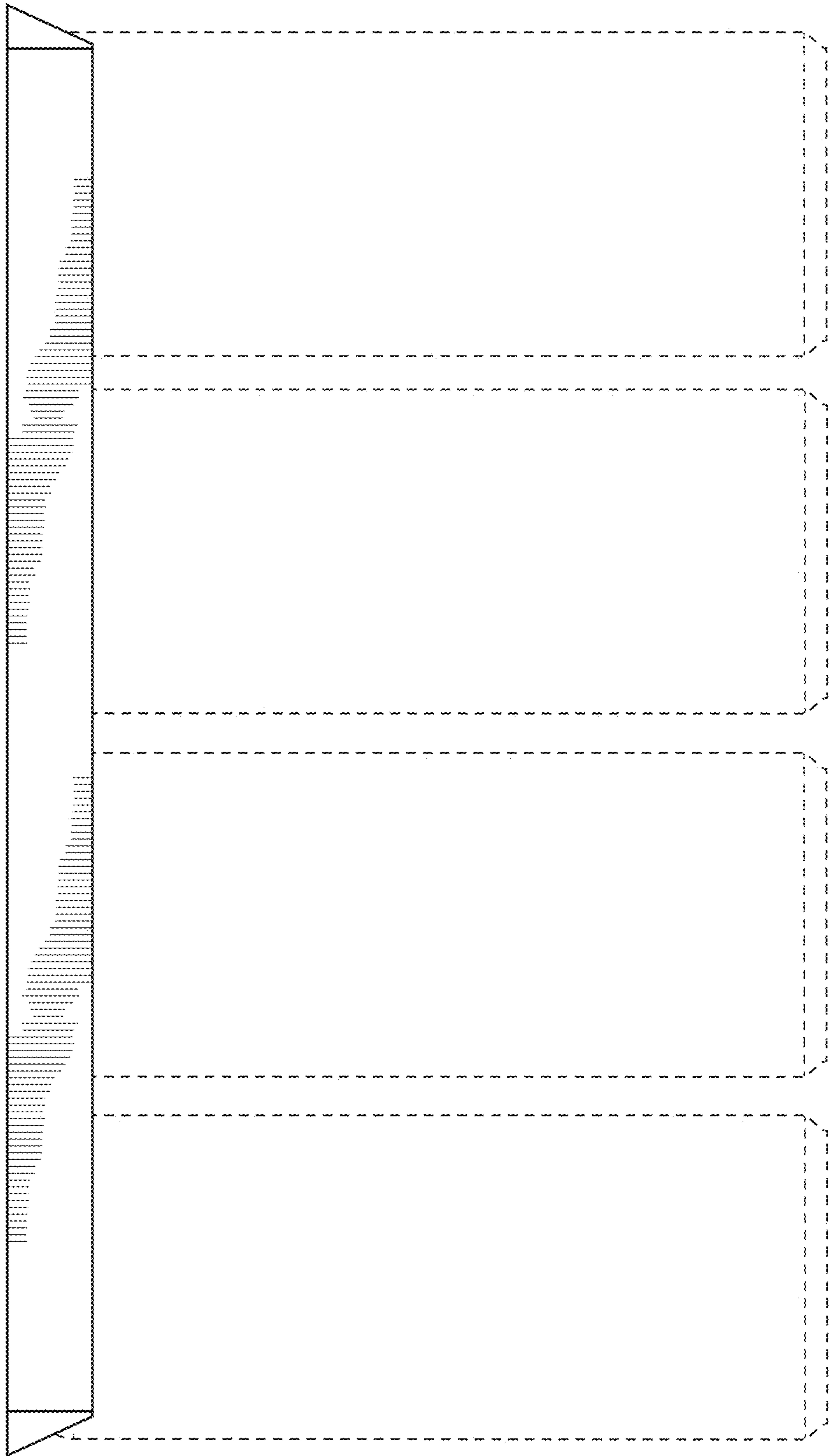


FIG. 2

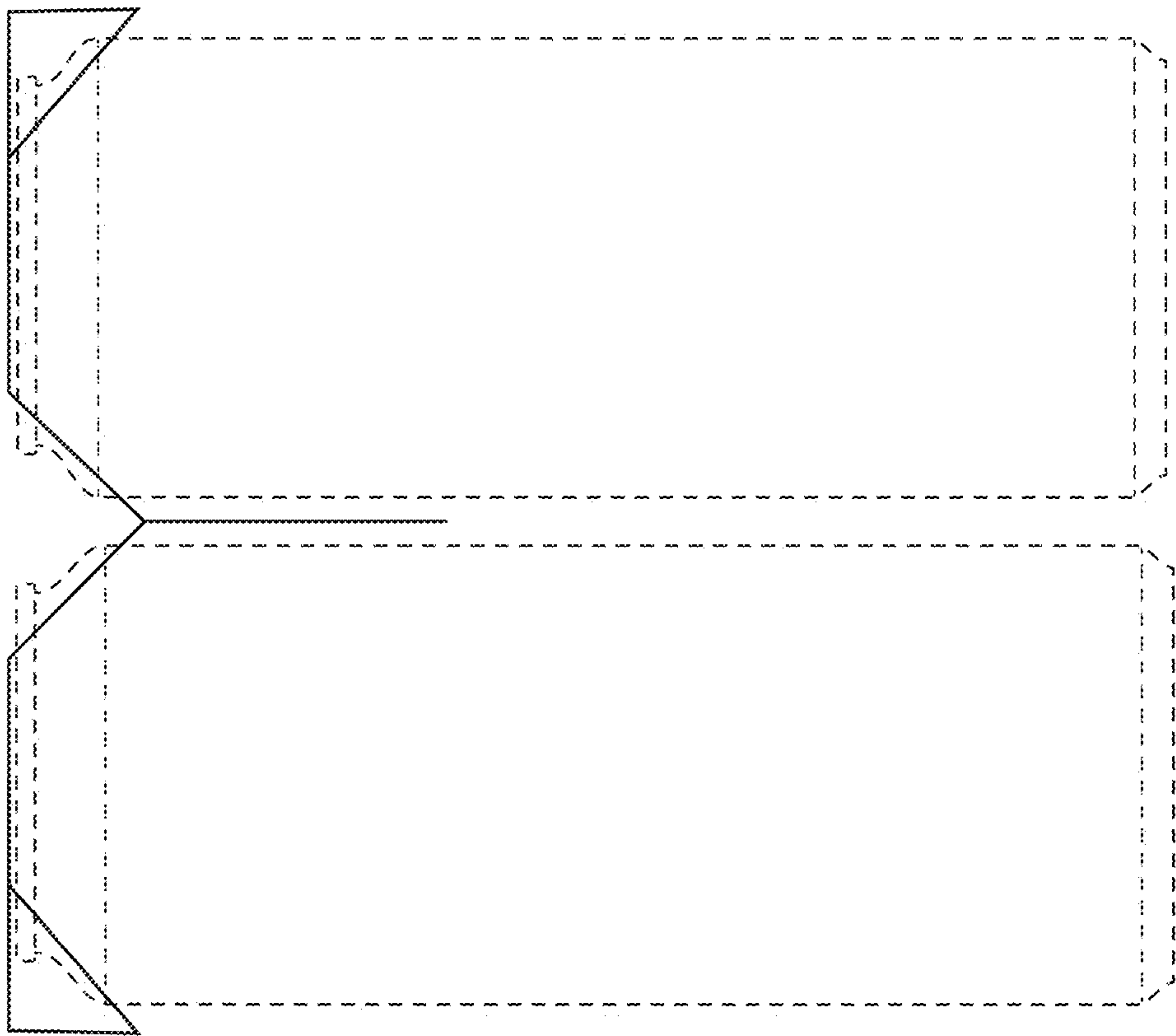


FIG. 3

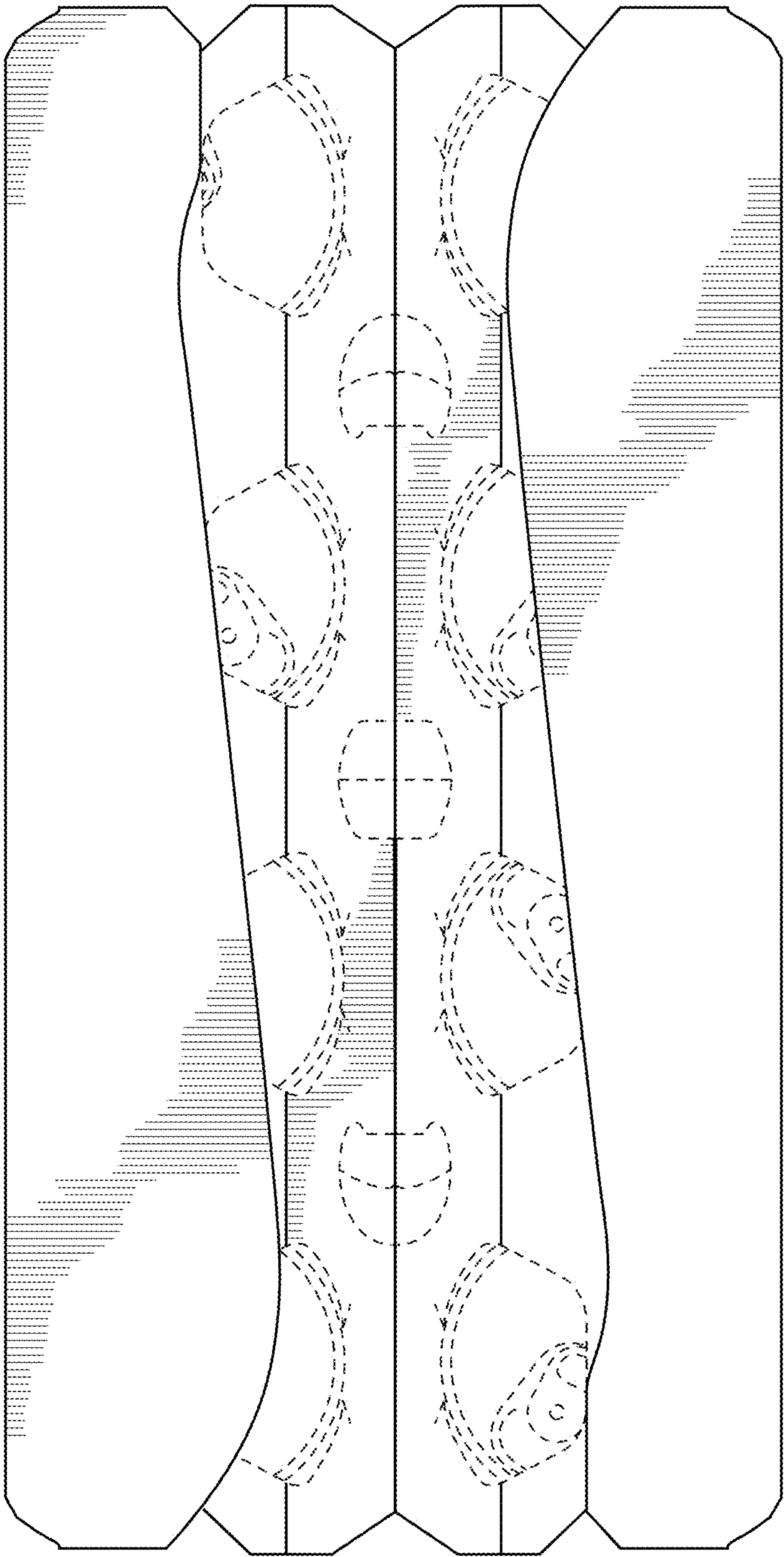


FIG. 4

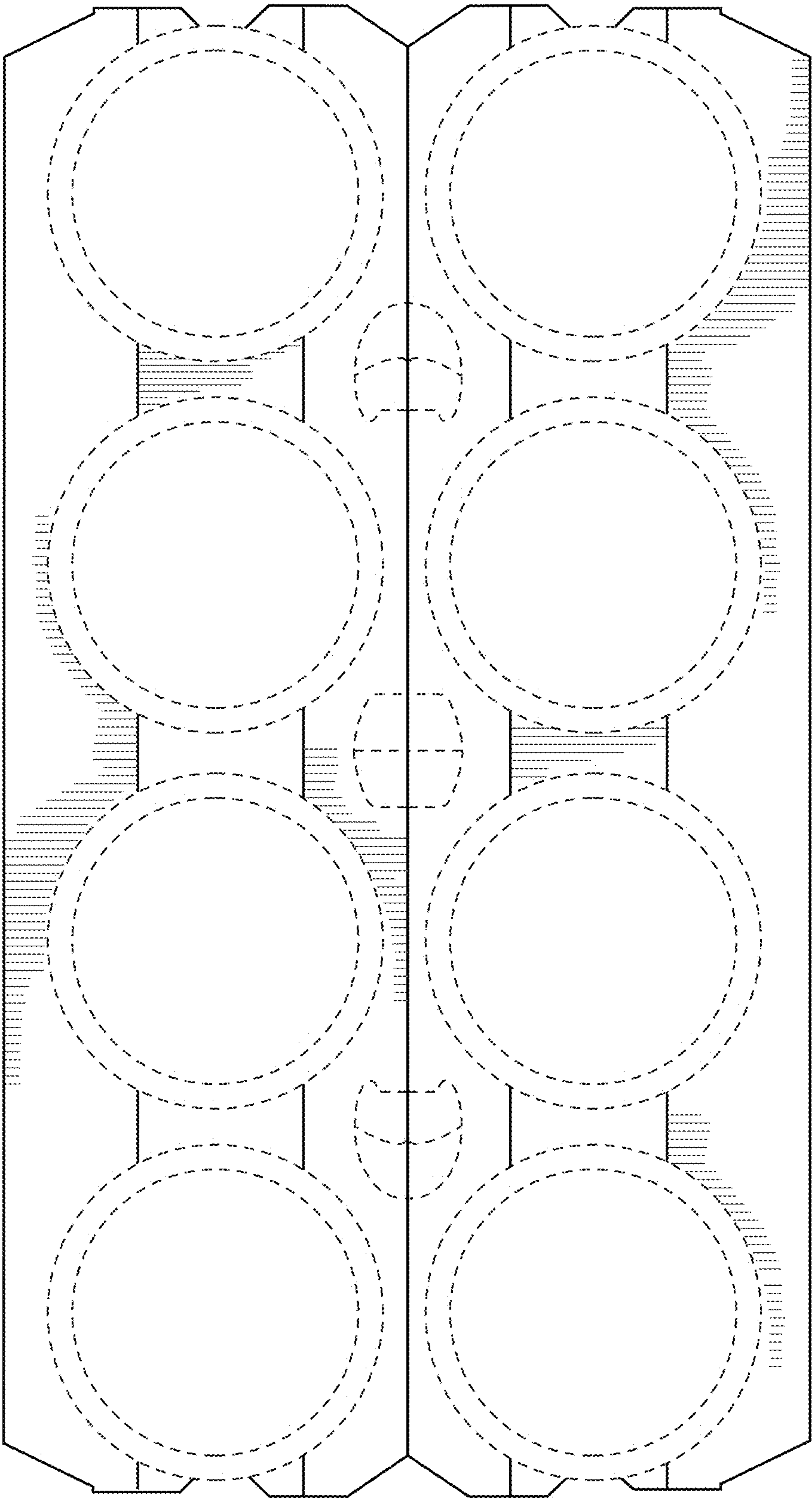


FIG. 5

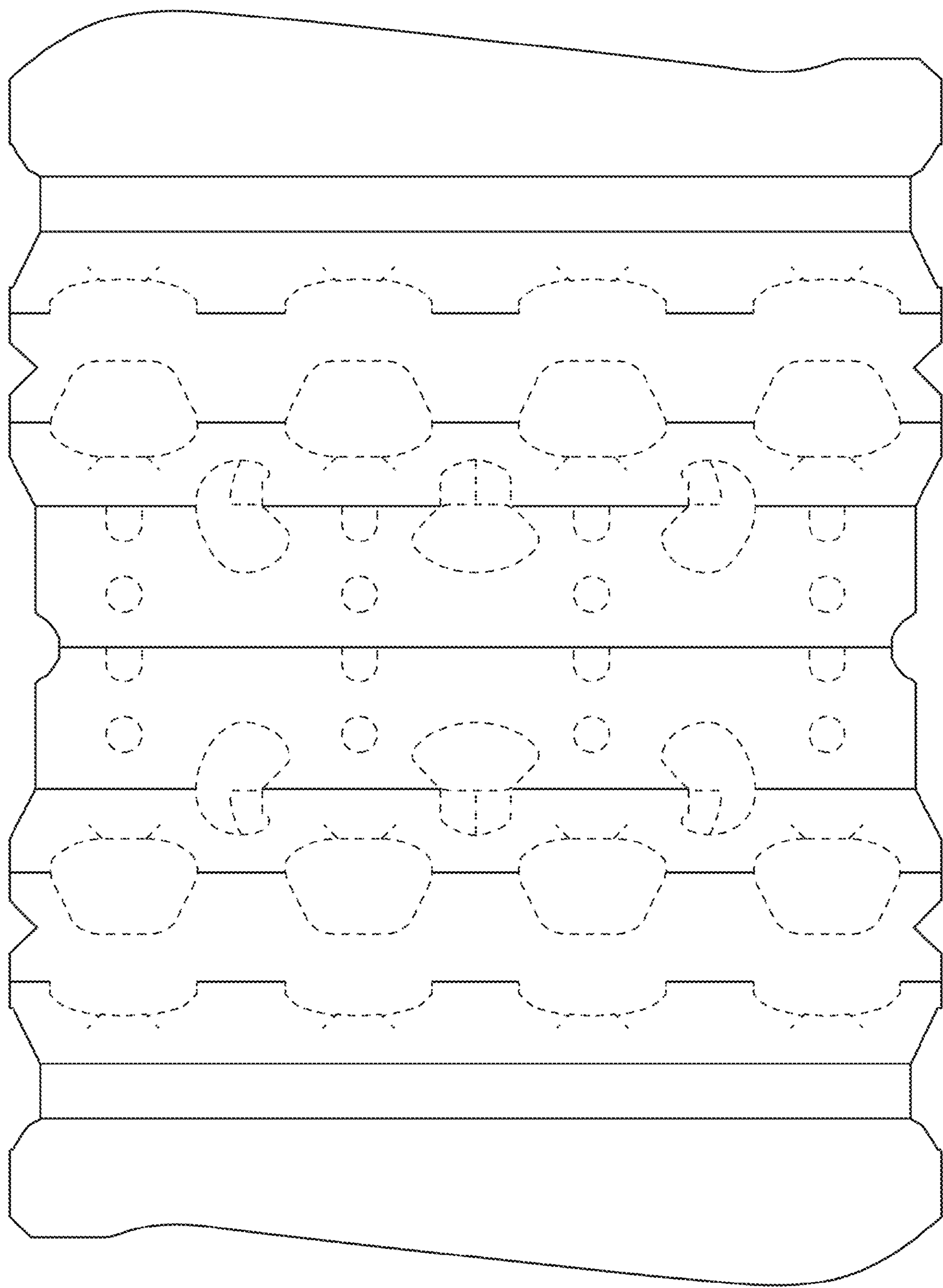


FIG. 6