



US0D1073854S

(12) **United States Design Patent**
Smith

(10) **Patent No.: US D1,073,854 S**
(45) **Date of Patent: ** May 6, 2025**

- (54) **INSERT FOR AN ARTHROPOD TRAPPING DEVICE**
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Cincinnati, OH (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/988,717**
(22) Filed: **Feb. 6, 2025**
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|--------------|---------|------------------|
| 4,425,731 A | 1/1984 | Orlando |
| 4,654,998 A | 4/1987 | Clay |
| 4,686,789 A | 8/1987 | Williams |
| 4,876,822 A | 10/1989 | White |
| 4,899,485 A | 2/1990 | Schneidmiller |
| 4,918,856 A | 4/1990 | Olive et al. |
| 4,930,251 A | 6/1990 | Crisanti |
| 4,949,501 A | 8/1990 | Larkin |
| 4,951,414 A | 8/1990 | Mewissen |
| 5,044,112 A | 9/1991 | Williams |
| 5,142,815 A | 9/1992 | Birdsong |
| 5,251,397 A | 10/1993 | Exum et al. |
| 5,311,696 A | 5/1994 | Gauthier et al. |
| 5,311,697 A | 5/1994 | Cavanaugh et al. |
| 5,335,445 A | 8/1994 | Kuepper |
| 5,352,122 A | 10/1994 | Speyer et al. |
| 5,365,690 A | 11/1994 | Nelson et al. |
| D357,725 S | 4/1995 | Biasetti |
| 5,425,197 A | 6/1995 | Smith |
| 5,513,465 A | 5/1996 | Demarest et al. |
| 5,522,008 A | 5/1996 | Bernard |
| 5,588,250 A | 12/1996 | Chiba et al. |
| 5,651,211 A | 7/1997 | Regan et al. |
| 5,657,576 A | 8/1997 | Nicosia |
| 5,722,199 A | 3/1998 | Demarest |
| 5,915,948 A | 6/1999 | Kunze et al. |
| 5,950,355 A | 9/1999 | Gilbert |
| 5,974,727 A | 11/1999 | Gilbert |
| 6,108,965 A | 8/2000 | Burrows et al. |
| 6,389,738 B1 | 5/2002 | Denny |
| 6,393,759 B1 | 5/2002 | Brown |
| 6,397,515 B1 | 6/2002 | Brown et al. |
| 6,478,440 B1 | 11/2002 | Jaworski |
| 6,493,986 B1 | 12/2002 | Nelson et al. |
| 6,560,919 B2 | 5/2003 | Burrows |
| 6,758,009 B1 | 7/2004 | Warner |
| 6,871,443 B2 | 3/2005 | Lambert et al. |
| 6,886,292 B2 | 5/2005 | Studer |
| 7,096,621 B2 | 8/2006 | Nelson et al. |
| 7,143,542 B2 | 12/2006 | Taylor et al. |
| 7,210,265 B2 | 5/2007 | Jacobson |
| 7,383,660 B2 | 6/2008 | Greening |
| 7,401,436 B2 | 7/2008 | Chyun |
| 7,426,799 B2 | 9/2008 | Christianson |
| 7,430,830 B1 | 10/2008 | Rosa |
| D633,192 S | 2/2011 | Valentino et al. |
| D638,531 S | 5/2011 | Irwin et al. |
| D643,103 S | 8/2011 | Bilko et al. |
| 7,988,984 B2 | 8/2011 | Hockaday |
| 8,291,638 B2 | 10/2012 | Larsen |

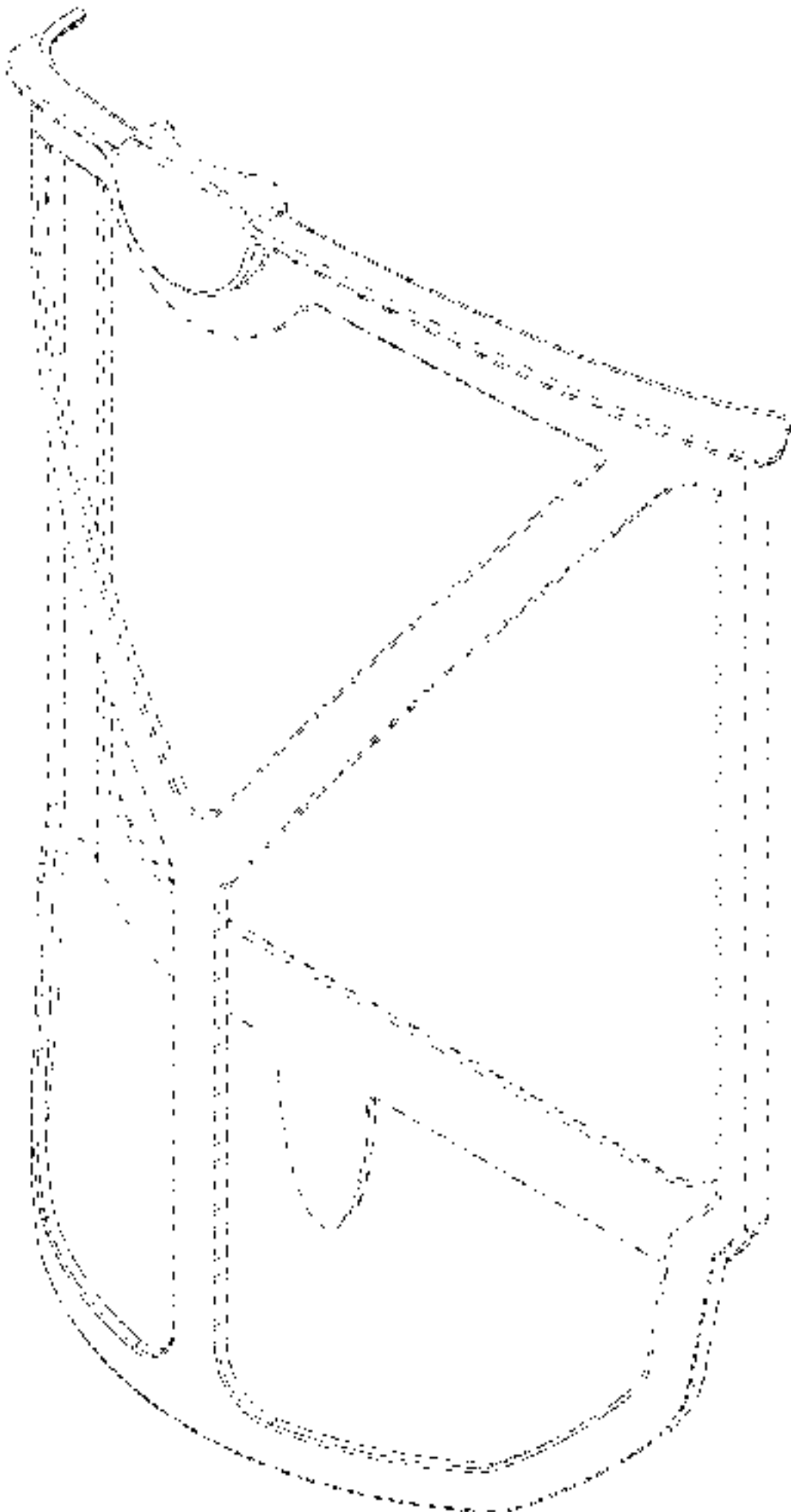
Related U.S. Application Data

- (62) Division of application No. 29/958,245, filed on Aug. 19, 2024, which is a division of application No. 29/796,594, filed on Jun. 25, 2021, now Pat. No. Des. 1,046,062.
- (51) **LOC (15) Cl.** **22-06**
- (52) **U.S. Cl.**
USPC **D22/122; D22/119**
- (58) **Field of Classification Search**
USPC D22/119, 122; 43/107, 132.1, 133
CPC A01M 1/00; A01M 1/02; A01M 1/04;
A01M 1/08; A01M 1/14; A01M 1/106;
A01M 1/145; A01M 1/2016; A01M
29/34; A01M 2200/01
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

2,942,090 A	6/1960	Diehl	7,096,621 B2	8/2006	Nelson et al.
3,023,539 A	3/1962	Emerson, Jr.	7,143,542 B2	12/2006	Taylor et al.
3,213,656 A	10/1965	Cook	7,210,265 B2	5/2007	Jacobson
4,086,720 A	5/1978	Wiser	7,383,660 B2	6/2008	Greening
4,117,624 A	10/1978	Phillips	7,401,436 B2	7/2008	Chyun
4,126,959 A	11/1978	Graham	7,426,799 B2	9/2008	Christianson
4,212,129 A	7/1980	Shumate	7,430,830 B1	10/2008	Rosa
4,395,842 A	8/1983	Margulies	D633,192 S	2/2011	Valentino et al.
			D638,531 S	5/2011	Irwin et al.
			D643,103 S	8/2011	Bilko et al.
			7,988,984 B2	8/2011	Hockaday
			8,291,638 B2	10/2012	Larsen



US D1,073,854 S

Page 2

8,316,578 B2	11/2012	Faham et al.	2011/0078942 A1	4/2011	Larsen
D673,666 S	1/2013	Gordon	2012/0005947 A1	1/2012	Studer et al.
8,341,874 B2	1/2013	Studer et al.	2012/0297662 A1	11/2012	Strube
8,375,625 B2	2/2013	Larsen	2013/0042519 A1	2/2013	Larsen
8,572,890 B1	11/2013	Lark et al.	2013/0152451 A1	6/2013	Larsen
8,701,335 B2	4/2014	Larsen	2013/0312314 A1	11/2013	Greening et al.
8,707,614 B2	4/2014	Larsen	2014/0026467 A1	1/2014	Kaye
8,740,110 B2	6/2014	Gruenbacher	2016/0000060 A1	1/2016	Sandford
8,845,118 B2	9/2014	Formico et al.	2016/0262367 A1	9/2016	Sandford
D736,341 S	8/2015	Lieberwirth et al.	2016/0345569 A1	12/2016	Freudenberg et al.
D780,284 S	2/2017	Lieberwirth	2017/0035039 A1	2/2017	Sandford
D780,285 S	2/2017	Lieberwirth	2017/0086448 A1	3/2017	Studer et al.
9,968,080 B1	5/2018	Van Kleef et al.	2017/0303523 A1	10/2017	Sandford
D829,302 S	9/2018	Rocha et al.	2018/0184635 A1	7/2018	Studer et al.
D834,136 S	11/2018	Smith	2018/0199562 A1	7/2018	Willcox et al.
D834,137 S	11/2018	Smith	2018/0235202 A1	8/2018	Sandford et al.
10,143,191 B2	12/2018	Studer et al.	2018/0310543 A1	11/2018	Holmes
D841,114 S	2/2019	Savchenko	2018/0368385 A1	12/2018	Gilbert, II
D844,098 S	3/2019	Rocha et al.	2019/0008133 A1	1/2019	Llorente Alonso et al.
D845,430 S	4/2019	Smith	2019/0045771 A1	2/2019	Rocha et al.
D849,878 S	5/2019	Lieberwirth	2019/0075776 A1	3/2019	Ali et al.
D850,572 S	6/2019	Lieberwirth	2019/0133105 A1	5/2019	Leach et al.
10,327,435 B2	6/2019	Studer et al.	2019/0141977 A1	5/2019	Smith
D855,143 S	7/2019	Wang	2019/0141978 A1	5/2019	Smith
10,561,135 B2	2/2020	Sandford	2019/0141979 A1	5/2019	Smith
10,568,314 B2	2/2020	Sandford	2019/0150431 A1	5/2019	Uchiyama
D877,852 S	3/2020	Wang	2019/0174736 A1	6/2019	Smith
D878,512 S	3/2020	Wang	2019/0261616 A1	8/2019	Studer et al.
10,588,307 B2	3/2020	Sandford	2019/0350184 A1	11/2019	Chang et al.
10,602,731 B2	3/2020	Nagata	2019/0357516 A1	11/2019	Chang et al.
D890,290 S	7/2020	Towne	2020/0008415 A1	1/2020	Van Kleef et al.
D890,291 S	7/2020	Rocha et al.	2020/0113165 A1	4/2020	Sandford et al.
D913,882 S	3/2021	Beckman et al.	2020/0138004 A1	5/2020	Sandford et al.
D915,544 S	4/2021	Chapin et al.	2020/0138005 A1	5/2020	Sandford et al.
11,102,972 B2	8/2021	Llorente Alonso et al.	2020/0138006 A1	5/2020	Sandford et al.
D930,105 S	9/2021	Wang	2020/0146273 A1	5/2020	Chang et al.
D934,980 S	11/2021	Smith et al.	2020/0214279 A1	7/2020	Tsai et al.
D934,981 S	11/2021	Wang et al.	2020/0214280 A1	7/2020	Sandford et al.
11,197,472 B1	12/2021	Favor, III et al.	2020/0245606 A1	8/2020	Rocha et al.
11,311,005 B2	4/2022	Smith et al.	2021/0105991 A1	4/2021	Furner et al.
D953,475 S	5/2022	Rocha et al.	2022/0061301 A1	3/2022	Smith et al.
D959,593 S	8/2022	Smith	2022/0295775 A1	9/2022	Furner et al.
D963,103 S	9/2022	Smith	2023/0284607 A1	9/2023	Smith et al.
11,445,746 B2	9/2022	Sandford	2024/0090491 A1	3/2024	Smith
11,470,832 B2	10/2022	Rocha et al.			
D984,579 S	4/2023	Liu			
D988,462 S *	6/2023	Smith D22/122			
D994,828 S	8/2023	Branche et al.			
D997,289 S	8/2023	Smith			
D999,334 S	9/2023	Wang			
D1,025,277 S *	4/2024	Huang D22/122			
D1,028,168 S	5/2024	Li			
D1,030,947 S	6/2024	Wang			
D1,036,612 S	7/2024	Smith			
D1,036,613 S	7/2024	Smith			
D1,046,062 S	10/2024	Smith			
12,102,078 B2	10/2024	Furner			
D1,064,171 S *	2/2025	Yu D22/119			
2001/0042337 A1	11/2001	Lambert et al.			
2002/0032980 A1	3/2002	Nelson			
2002/0073611 A1	6/2002	Greening			
2002/0078620 A1	6/2002	Nelson et al.			
2002/0139040 A1	10/2002	Burrows et al.			
2003/0079398 A1	5/2003	Holmes			
2004/0016173 A1	1/2004	Tully et al.			
2004/0218380 A1	11/2004	Taylor et al.			
2006/0080888 A1	4/2006	Greening			
2006/0107583 A1	5/2006	Wu			
2006/0150472 A1	7/2006	Harris			
2007/0124987 A1	6/2007	Brown et al.			
2009/0100743 A1	4/2009	Prater			
2009/0288333 A1	11/2009	Johnston et al.			
2010/0024278 A1	2/2010	Simchoni-barak			
2010/0071254 A1	3/2010	Calkins et al.			
2010/0236133 A1	9/2010	Frisch			
2010/0263260 A1	10/2010	Engelbrecht			
2010/0308130 A1	12/2010	Gruenbacher			
2011/0041384 A1	2/2011	Willcox et al.			
2011/0041385 A1	2/2011	Soltis			

FOREIGN PATENT DOCUMENTS

BR	9400882 A	10/1995
CN	2093515 U	1/1992
CN	2449483 Y	9/2001
CN	308316175	11/2023
DE	8802934 U1	5/1988
DE	3840440 A1	10/1989
DE	29816743 U1	1/1999
EP	3269236 A1	1/2018
GB	2275409 A	8/1994
GB	2373705 A	10/2002
GB	2487610 A	8/2012
JP	H06245676 A	9/1994
JP	2011142876 A	7/2011
JP	2019122342 A	7/2019
KR	20130049475 A	5/2013
KR	20150112755 A	10/2015
WO	8200567 A1	3/1982
WO	9615664 A1	5/1996
WO	9934671 A1	7/1999
WO	2005053389 A1	6/2005
WO	2008067678 A1	6/2008
WO	2018025426 A1	2/2018
WO	2018183277 A1	10/2018
WO	2018183281 A1	10/2018
WO	2018205025 A1	11/2018
WO	2019112831 A1	6/2019
WO	2019112833 A1	6/2019
WO	2019112834 A1	6/2019
WO	2019112835 A1	6/2019

WO 2020117375 A1 6/2020
 WO 2020136173 A1 7/2020

OTHER PUBLICATIONS

All Office Actions; U.S. Appl. No. 18/805,674, filed Aug. 15, 2024.
 All Office Actions; U.S. Appl. No. 17/458,661, filed Aug. 27, 2021.
 All Office Actions; U.S. Appl. No. 18/183,579, filed Mar. 14, 2023.
 All Office Actions; U.S. Appl. No. 18/514,084, filed Nov. 20, 2023.
 All Office Actions; U.S. Appl. No. 29/796,594, filed Jun. 25, 2021.
 All Office Actions; U.S. Appl. No. 29/920,759, filed Dec. 13, 2023.
 All Office Actions; U.S. Appl. No. 29/920,760, filed Dec. 13, 2023.
 Flying insect Trap, 2 Packs Fruit Fly Traps for indoors, Fly Traps Indoor for Home, Gnat Traps for House indoor, Plug in & Rechargeable, Wtugon, <https://www.amazon.com/Flying-Insect-Indoors-Indoor-Rechargeable/dp/B00F567ZX4/ref=>, Jan. 5, 2024, 1 Page.
 Flying Insect Trap, Indoor Plug-in Fly Trap for Home, Mosquito Killer Indoor Gnat Moth Catcher with Night UV Light, Mosquito Attractant Fly Bug Zapper for Home, Office (1× Tarp & 4× Refills), Osvdo, Retrieved from Internet: <https://www.amazon.com/Flying-Mosquito-Oatcher-Attractant-Refills/product-reviews/B0054RH5X6/ref=>, Aug. 20, 2023, 1 Page.
<http://www.amazon.com/Electric-Flying-Insect-Trap-Starter-Kit—Zevo,MosquitoKiller,FruitFlyTrap,UVlightattractsinsect,Year2019,pp.05>.
<https://www.webstaurantstore.com/dynatrap-dt3005w-dot-indoor-plug-in-fly-trap/903DT3005W.html> 2003-2022, pp. 01.
 Indoor Flying insect Trap for Fruit flies, Gnats, and House Flies (1 Plug-in Base + 1 Refill Cartridge), Life Saver, Retrieved from Internet: <https://www.homedepot.com/p/ZEVO-Indoor-Flying-Insect-Trap-for-Fruit-flies-Gnats-and-House-Flies-1-Plug-In-Base-1>, Sep. 14, 2021, 1 Page.
 Unpublished U.S. Appl. No. 18/805,674, filed Aug. 15, 2024, to Christopher Lawrence Smith et al.
 Zevo Flying Trap Quick Review, Tinker, Retrieved from Internet: <https://www.youtube.com/watch?v=tl6PkwIjtg>, Nov. 13, 2022, 1 Page.

* cited by examiner

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 (74) Attorney, Agent, or Firm — Amanda Herman Berghauer

(57) CLAIM

The ornamental design for an insert for an arthropod trapping device, as shown and described.

DESCRIPTION

FIG. 1 is a front, right-side isometric view of a first embodiment of an insert for an arthropod trapping device;
 FIG. 2 is a rear, left-side isometric view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 3 is a front view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 4 is a right side view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 5 is a rear view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 6 is a left side view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 7 is a top view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 8 is a bottom view of the insert for an arthropod trapping device of FIG. 1;
 FIG. 9 is a front, right-side isometric view of a second embodiment of an insert for an arthropod trapping device;
 FIG. 10 is a rear, left-side isometric view of the insert for an arthropod trapping device of FIG. 9;
 FIG. 11 is a front view of the insert for an arthropod trapping device of FIG. 9;
 FIG. 12 is a right side view of the insert for an arthropod trapping device of FIG. 9;
 FIG. 13 is a rear view of the insert for an arthropod trapping device of FIG. 9;
 FIG. 14 is a left side view of the insert for an arthropod trapping device of FIG. 9;
 FIG. 15 is a top view of the insert for an arthropod trapping device of FIG. 9; and,
 FIG. 16 is a bottom view of the insert for an arthropod trapping device of FIG. 9.
 The broken lines illustrate structure or features that form no part of the claimed design.
 The dot-dash broken lines define the bounds of the claimed design and form no part thereof.

1 Claim, 14 Drawing Sheets

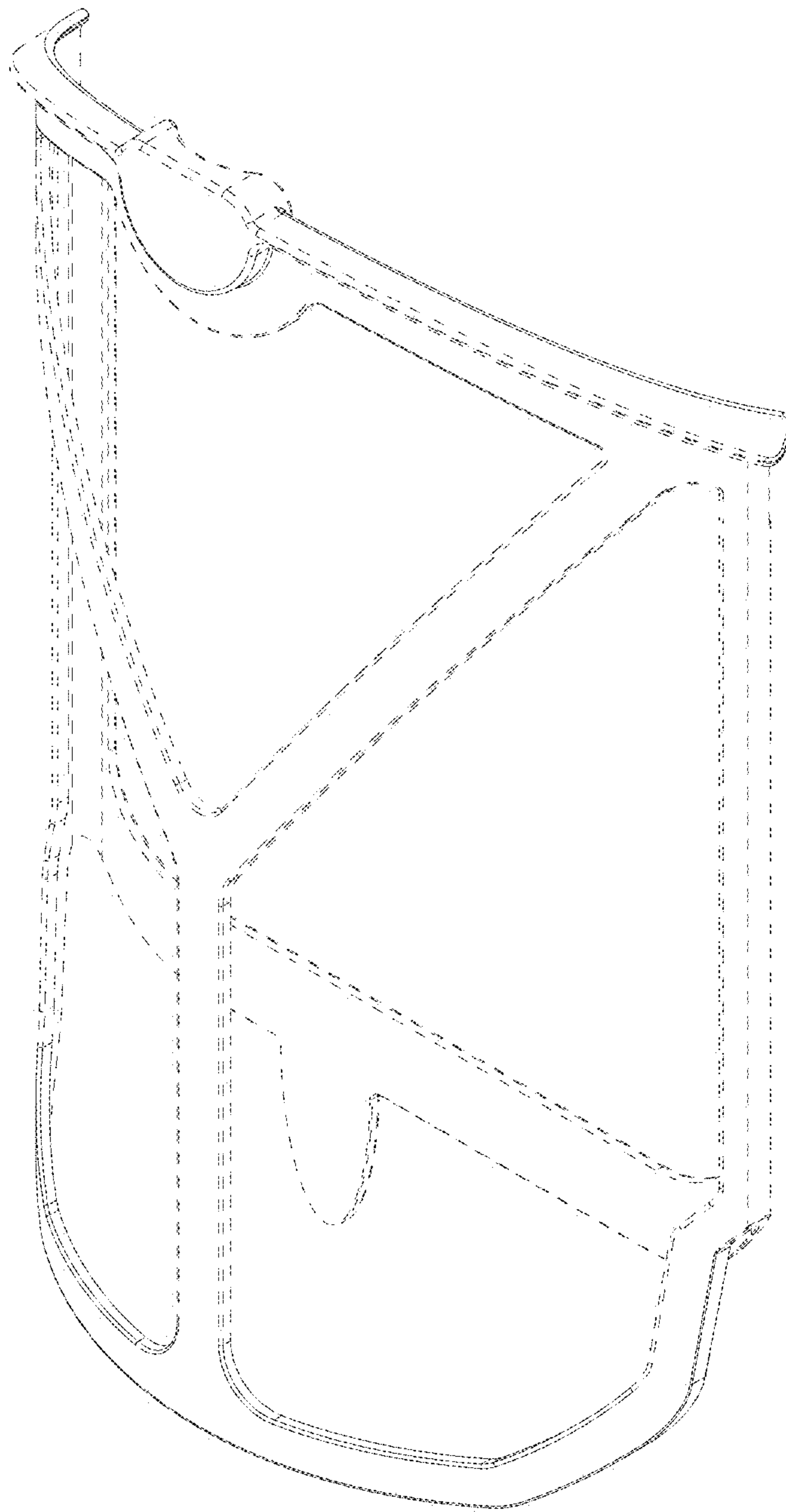


FIG. 1

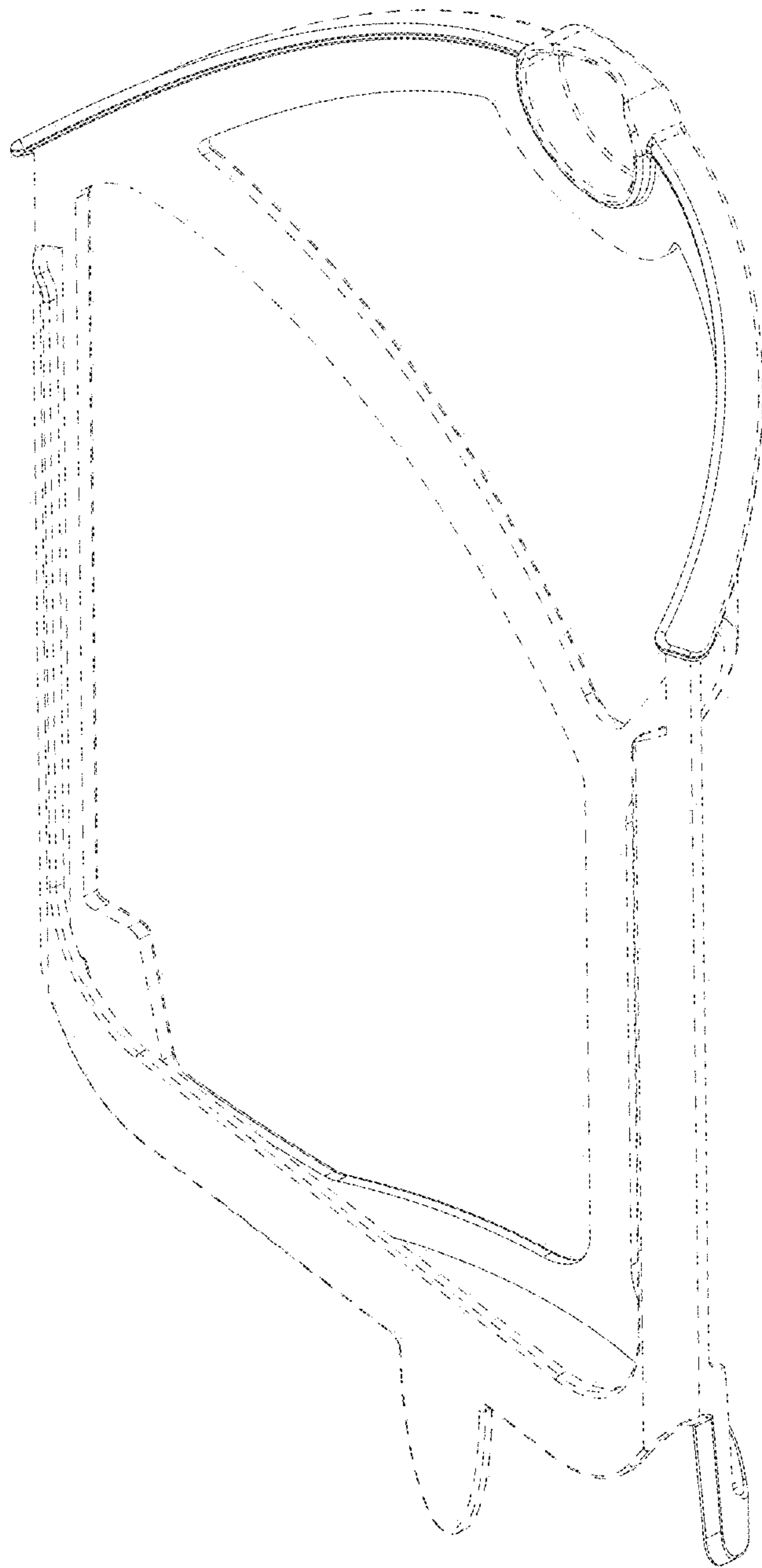


FIG. 2

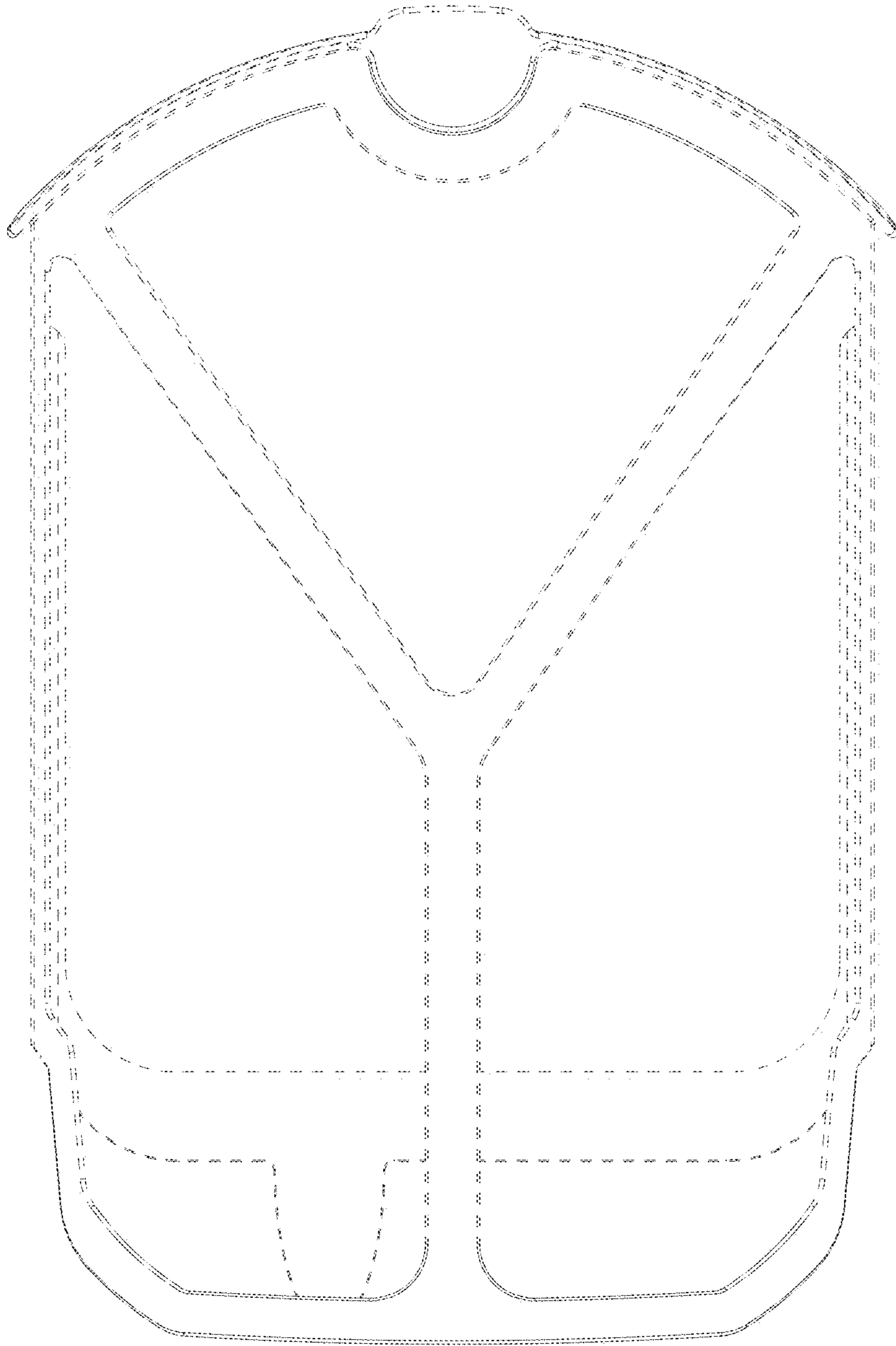


FIG. 3

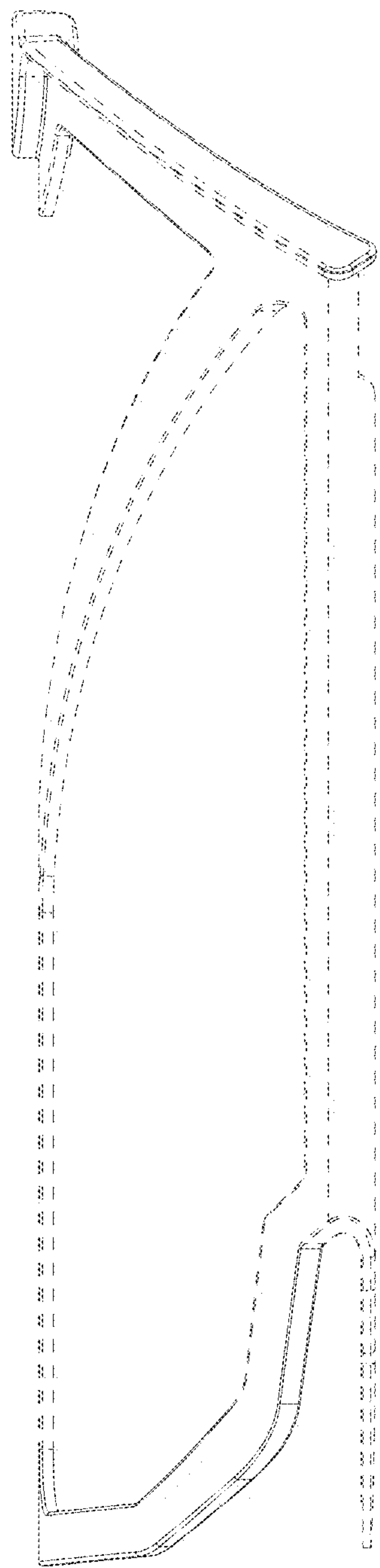


FIG. 4

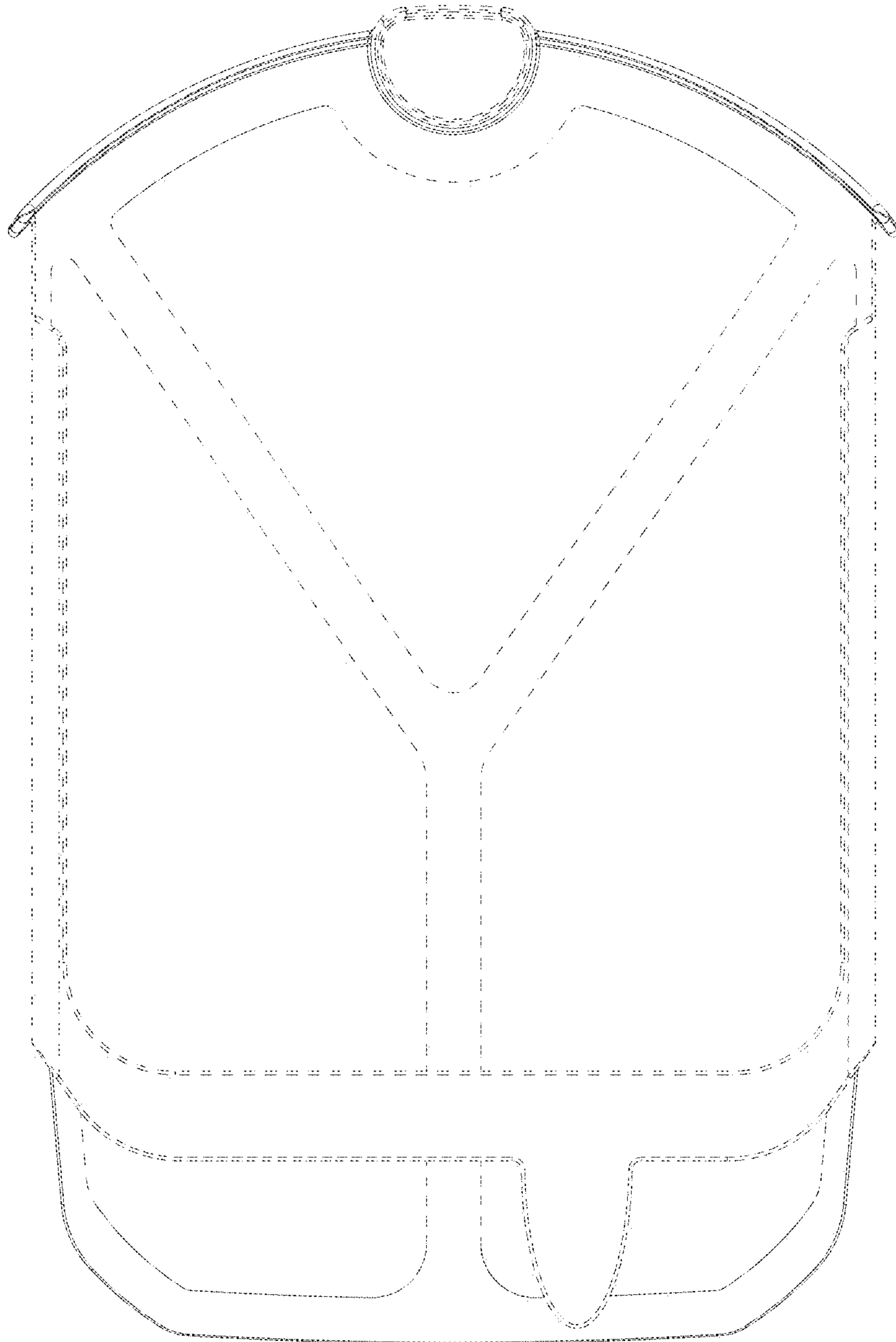


FIG. 5

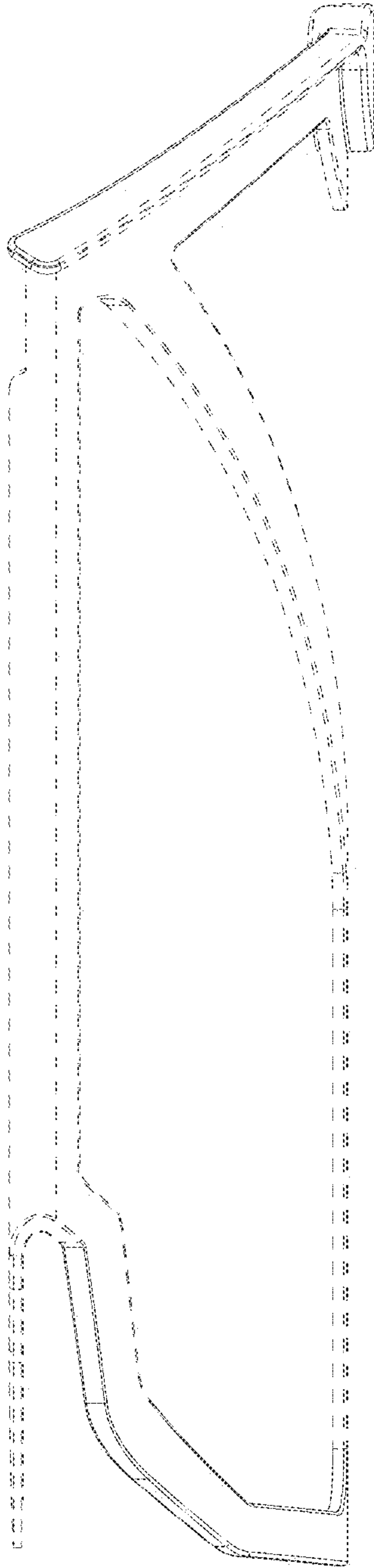


FIG. 6

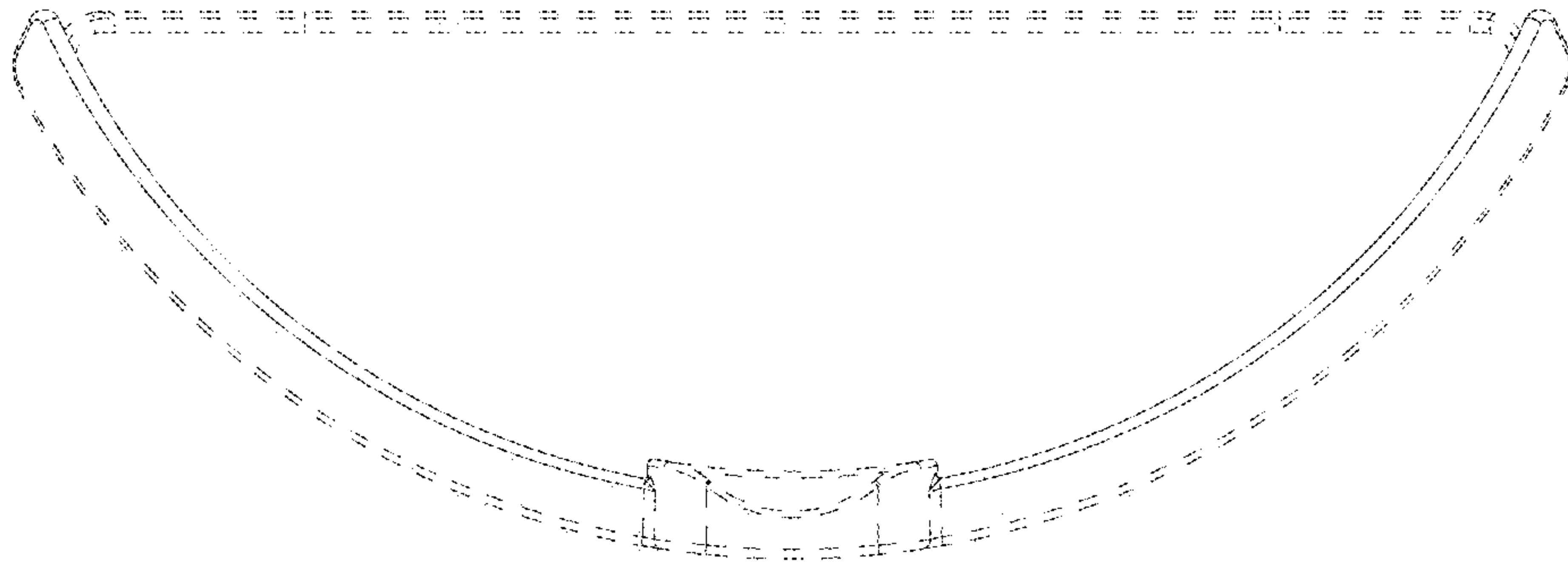


FIG. 7

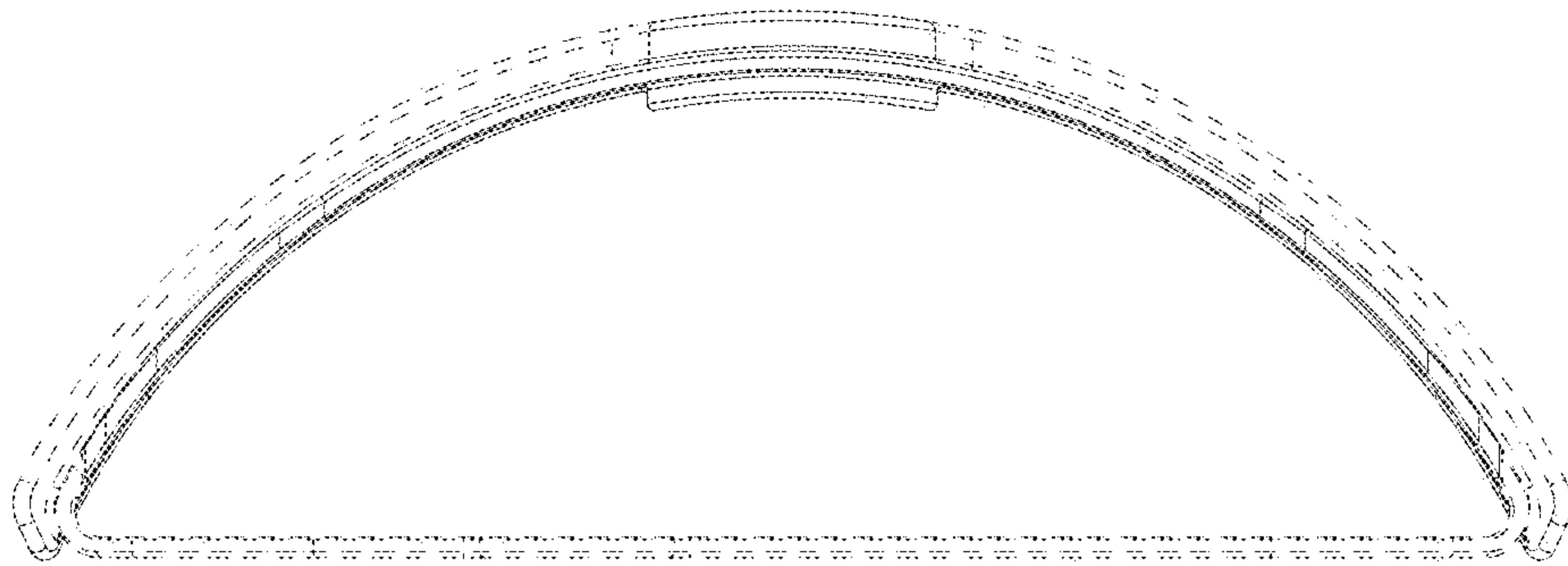


FIG. 8

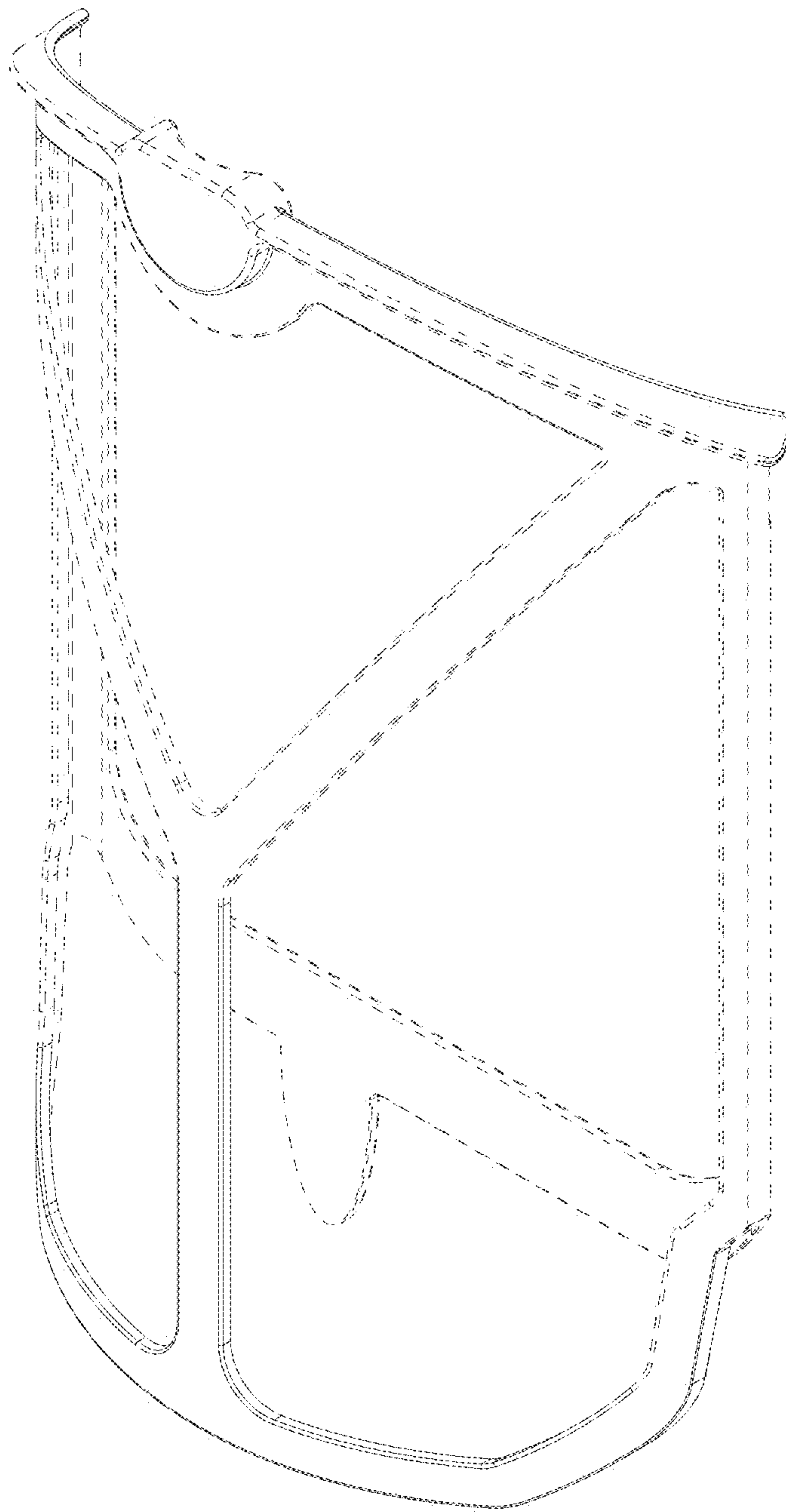


FIG. 9

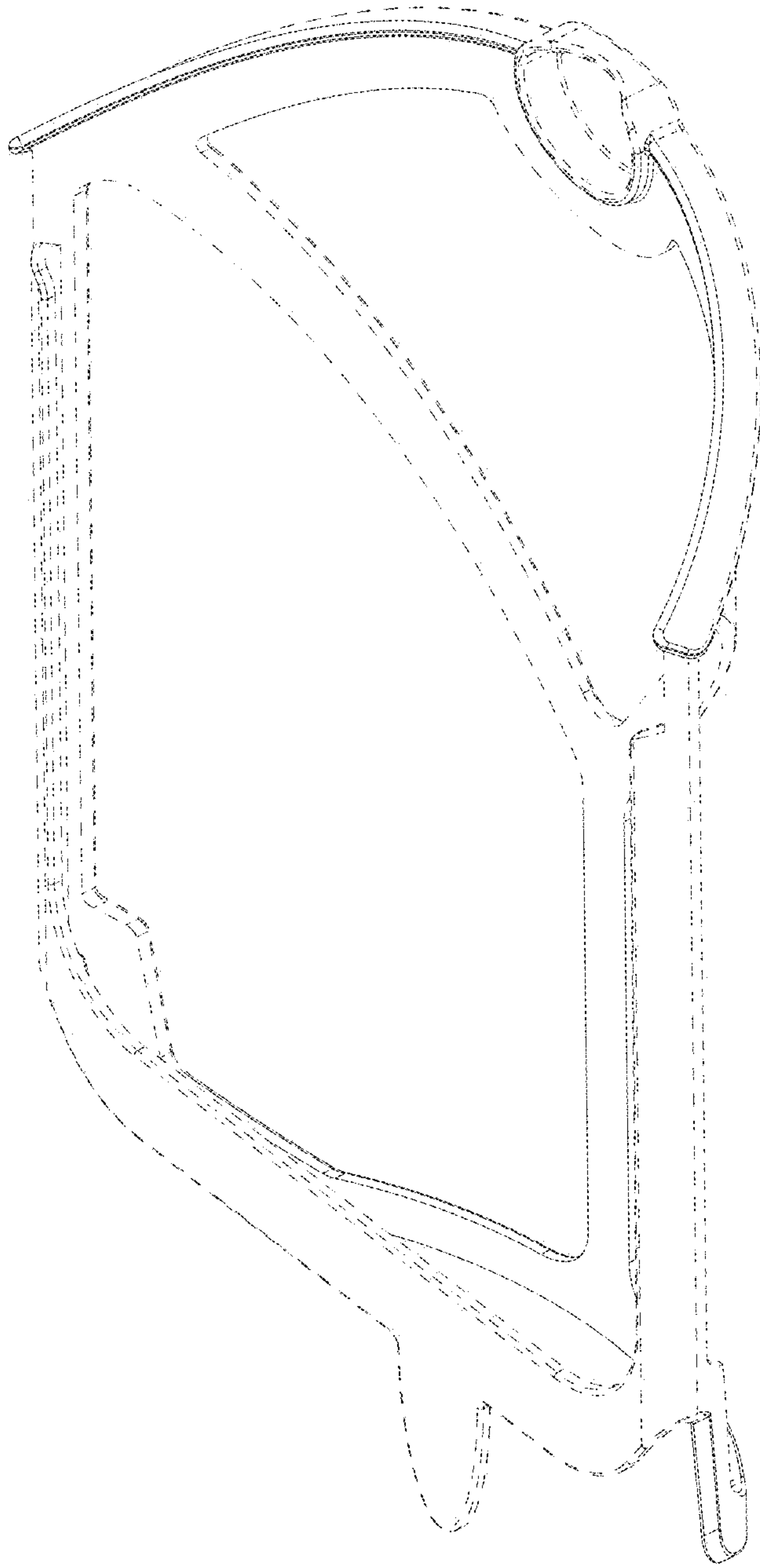


FIG. 10

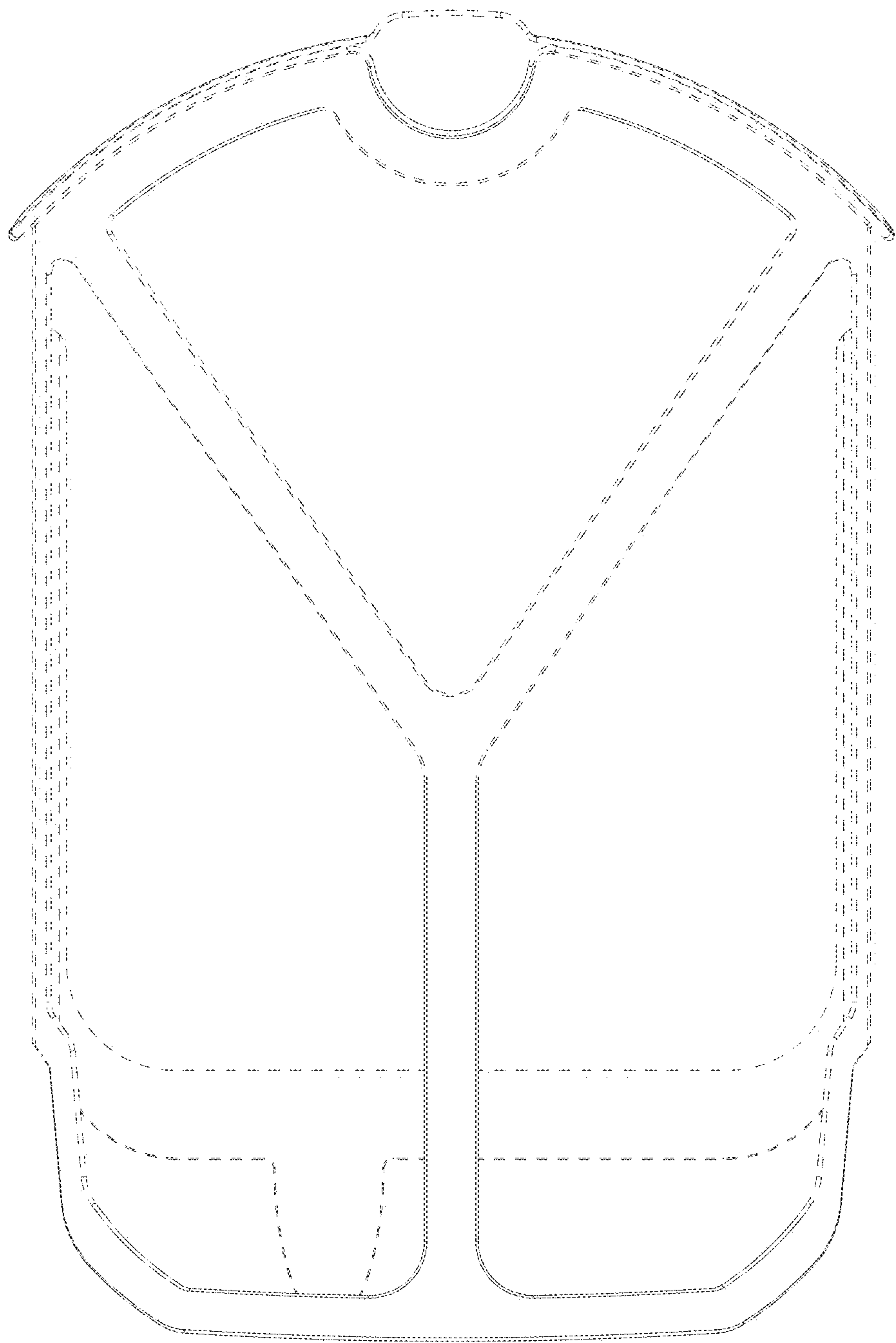


FIG. 11

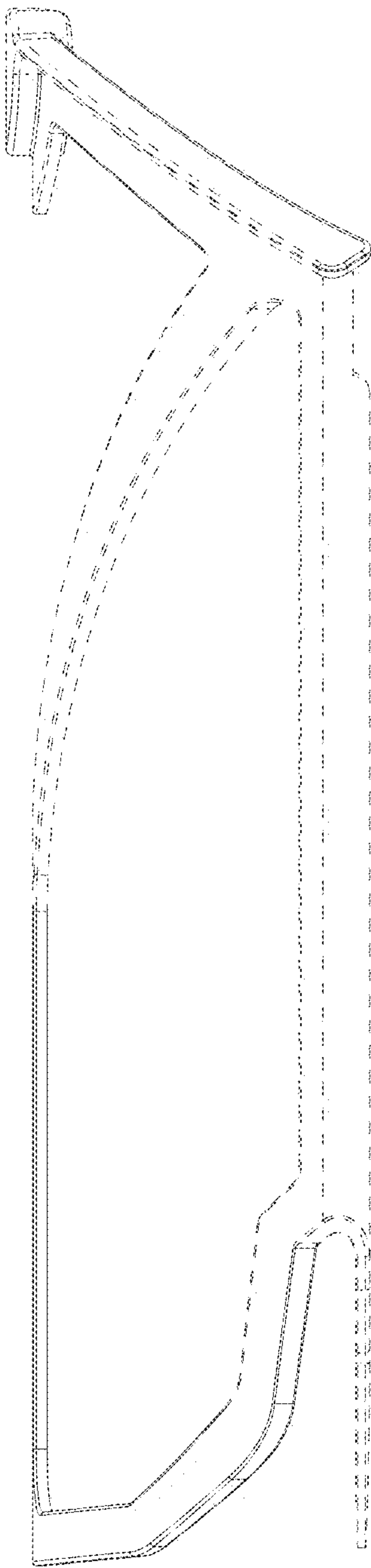


FIG. 12

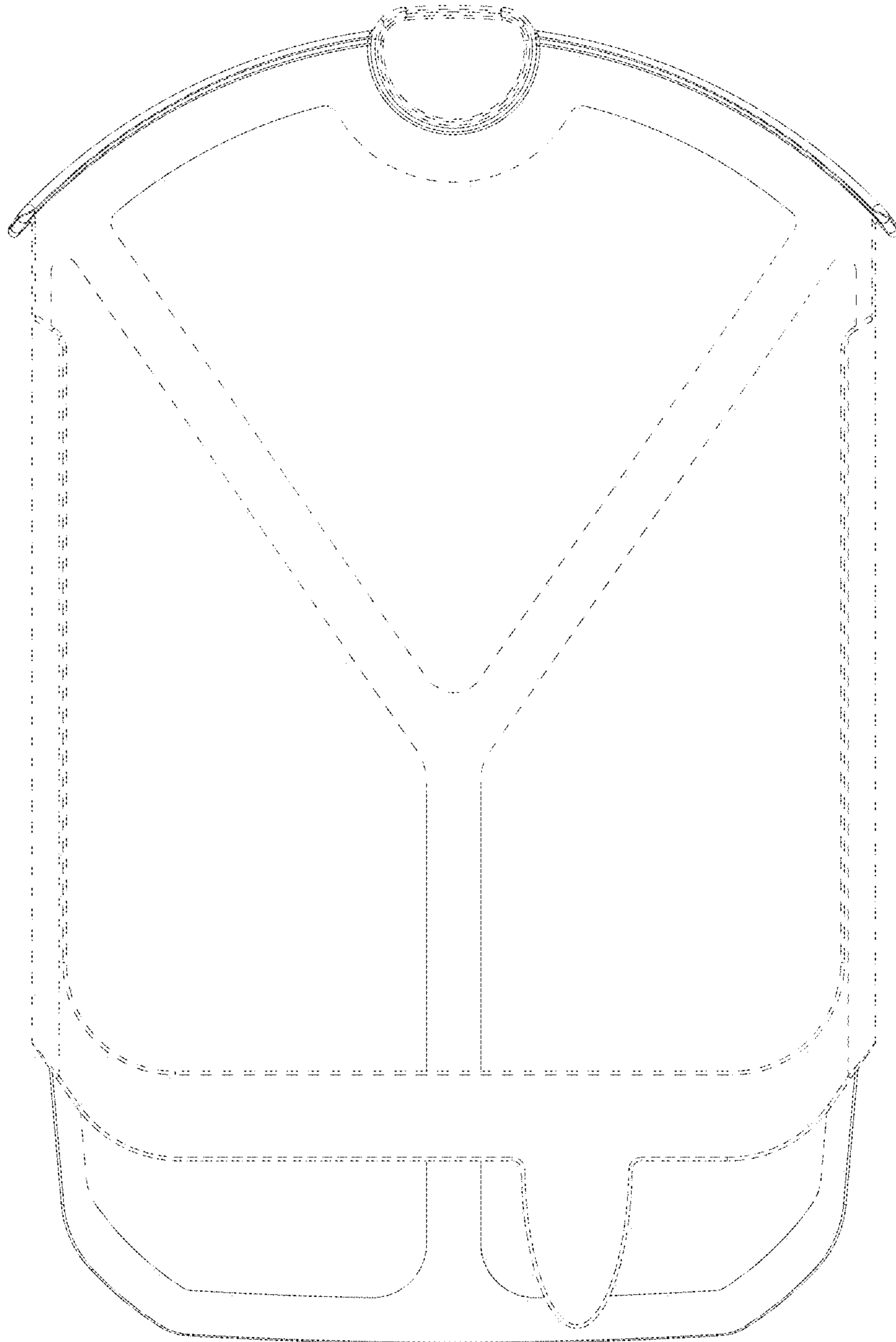


FIG. 13

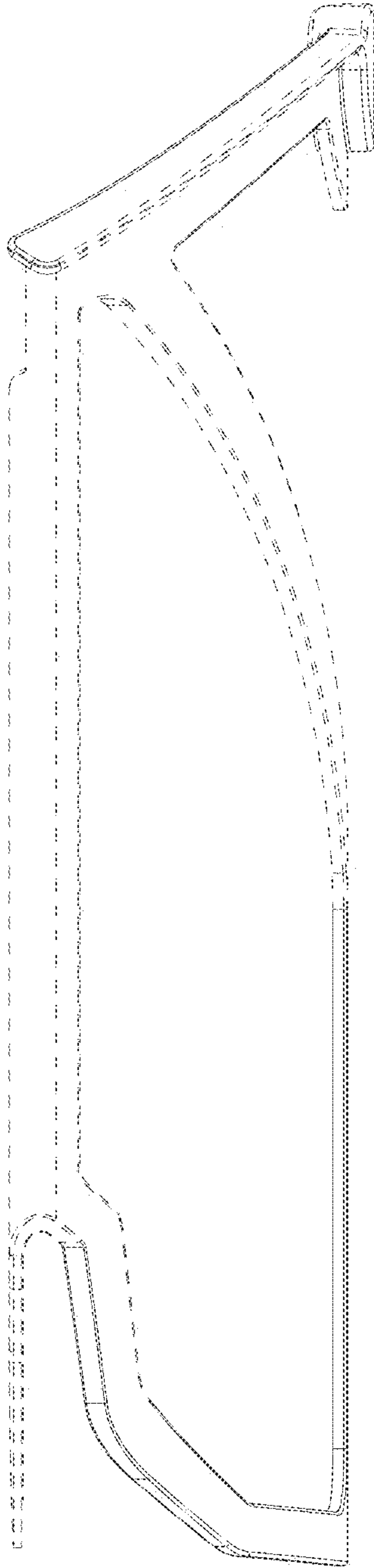


FIG. 14

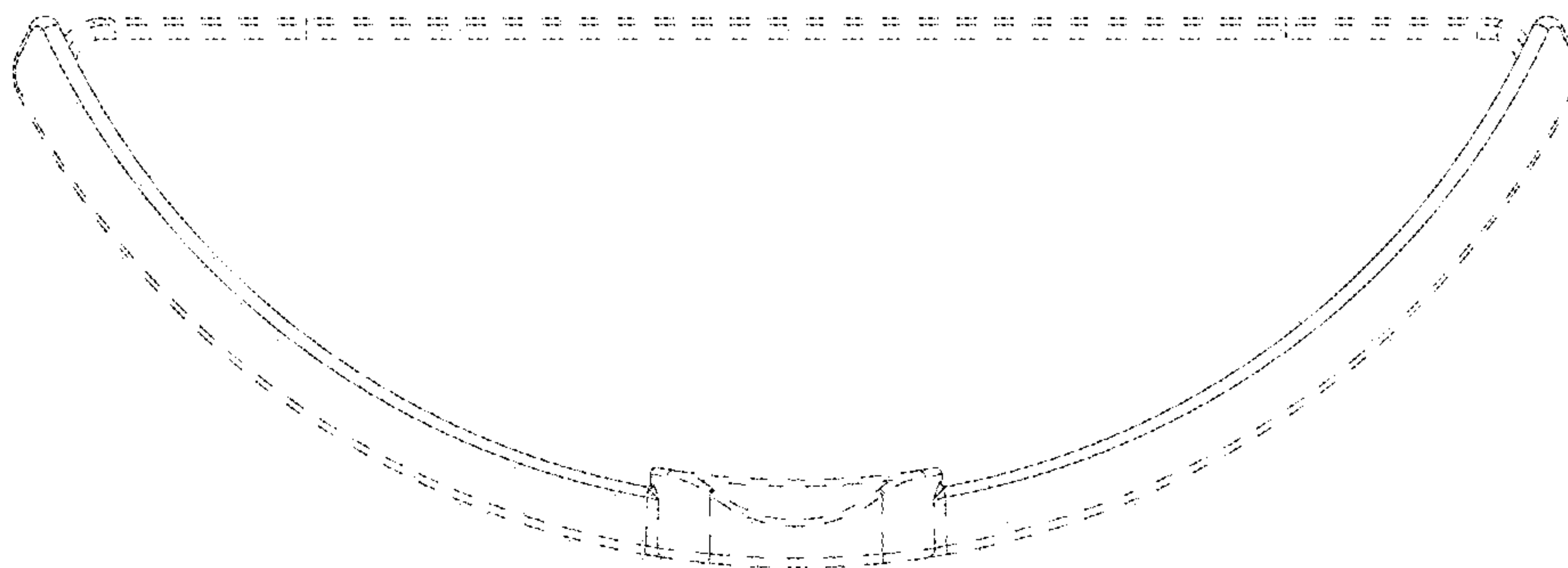


FIG. 15

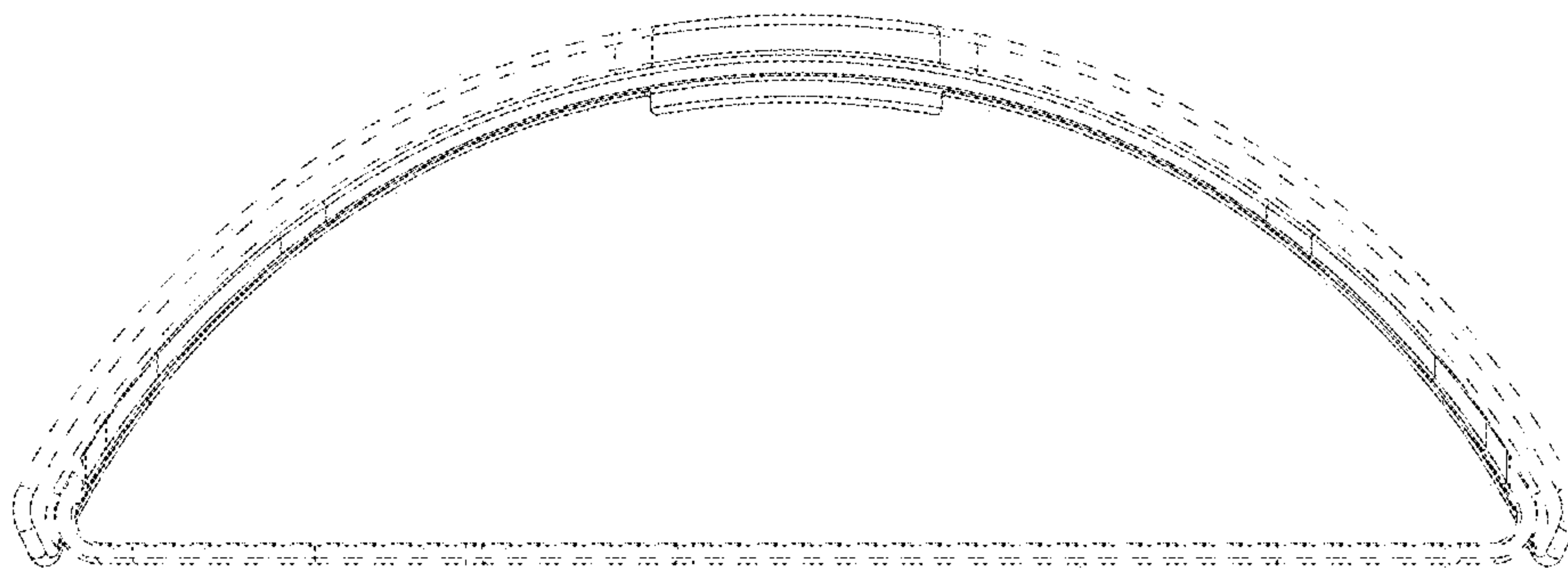


FIG. 16