

US00D972154S

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

(10) **Patent No.:** **US D972,154 S**  
(45) **Date of Patent:** **\*\* Dec. 6, 2022**

- (54) **POSTURE SUPPORT DEVICE**
- (71) Applicant: **Beijing Wanbangtong Technology Co., Ltd., Beijing (CN)**
- (72) Inventors: **Yao Wu, Beijing (CN); Ziwei Wang, Beijing (CN)**
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/833,133**
- (22) Filed: **Apr. 1, 2022**
- (51) **LOC (13) Cl.** ..... **24-01**
- (52) **U.S. Cl.**  
USPC ..... **D24/190**
- (58) **Field of Classification Search**  
USPC ..... D24/186, 188–191; D29/101.1, 101.3, D29/101.4; D3/215  
CPC ..... A61F 5/026; A61F 5/028; A61F 5/058; A41D 13/0015  
See application file for complete search history.

- 1,050,257 A \* 1/1913 Trigg ..... A61F 5/026 2/310
- 1,074,846 A \* 10/1913 Dickman et al. .. A63B 21/0552 482/13
- 1,112,201 A \* 9/1914 Ersfeld ..... A61F 5/026 D29/101.1

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 307096492 S 2/2022

**OTHER PUBLICATIONS**

Vicorrect Posture Corrector, [site visited Jul. 21, 2022]. Available from Internet. URL: <https://www.facebook.com/Vicorrect.Official/videos/posture-corrector-for-women-and-men-vicorrect-adjustable-upper-back-brace-for-cl/437239707529162/> Published Mar. 8, 2021 (Year: 2021).\*

(Continued)

*Primary Examiner* — T Chase Nelson  
*Assistant Examiner* — Kelly L Gross

(57) **CLAIM**

The ornamental design for a posture support device, as shown and described.

**DESCRIPTION**

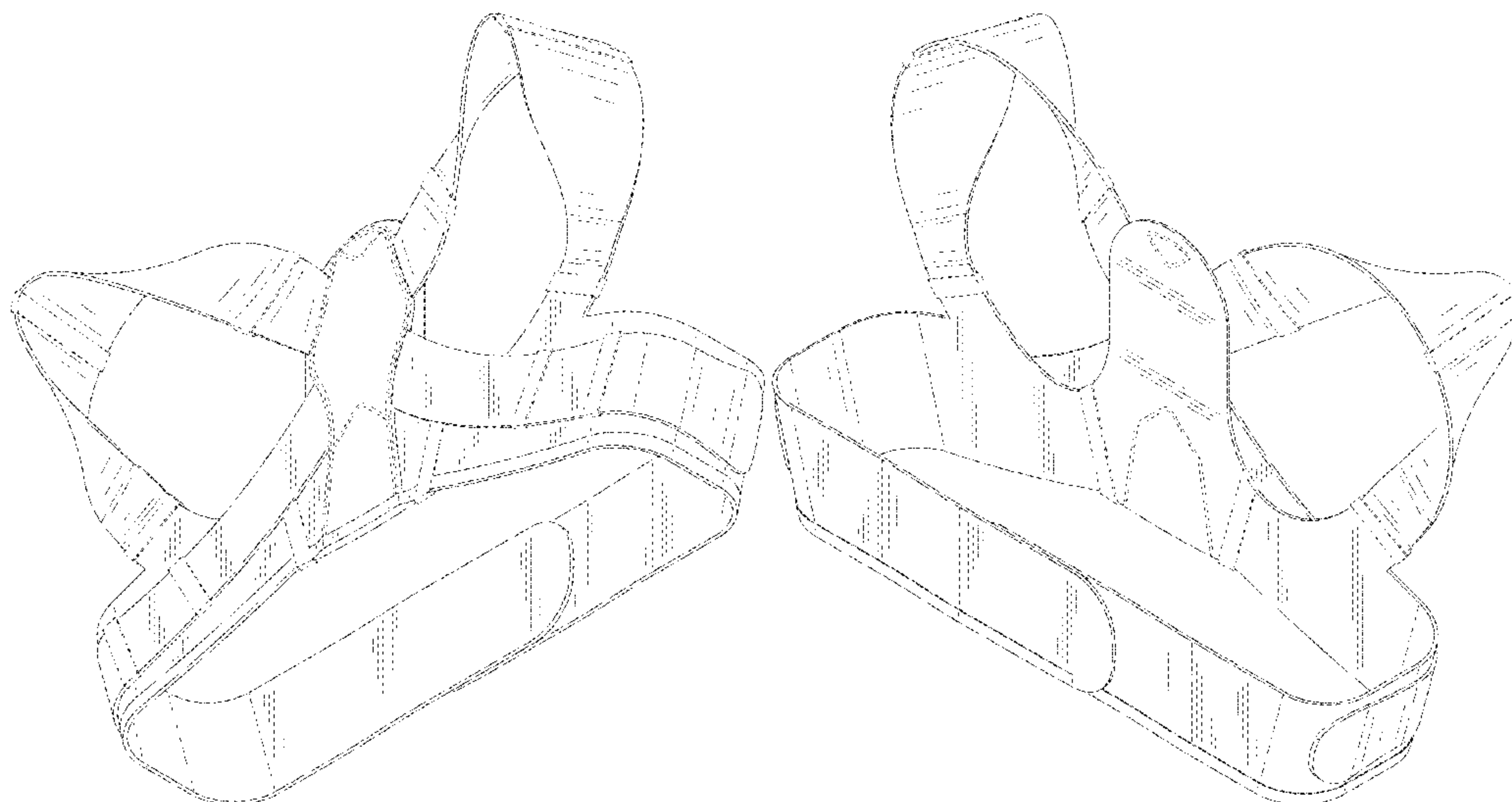
FIG. 1 is a front and bottom perspective view of a posture support device, showing our new design; FIG. 2 is a rear and top perspective view thereof; FIG. 3 is a front elevation view thereof; FIG. 4 is a rear elevation view thereof; FIG. 5 is a left side elevation view thereof; FIG. 6 is a right side elevation view thereof; FIG. 7 is a top plan view thereof; and, FIG. 8 is a bottom plan view thereof. The broken lines in the figures illustrate portions of the posture support device that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 117,728 A \* 8/1871 Beaman ..... A61F 5/026 2/45
- 198,503 A \* 12/1877 Altmann ..... A61F 5/026 2/45
- 236,718 A \* 1/1881 Rawlings ..... A61F 5/026 2/45
- 329,659 A \* 11/1885 Linqvist ..... A61F 5/026 2/45
- 514,834 A \* 2/1894 Matthews ..... A61F 5/028 2/44
- 541,681 A \* 6/1895 Putz ..... A61F 5/028 2/327
- 690,096 A \* 12/1901 Bower ..... A61F 5/028 2/328
- 707,610 A \* 8/1902 Moeller ..... A45F 3/14 D29/101.1
- 967,454 A \* 8/1910 Small ..... A41F 3/00 D29/101.1



(56)

References Cited

U.S. PATENT DOCUMENTS

1,123,278 A \* 1/1915 Hallett ..... B60R 22/105  
D29/101.1  
1,316,163 A \* 9/1919 Kennedy ..... B60R 22/105  
D29/101.1  
1,342,566 A \* 6/1920 Munter ..... A61F 5/026  
2/44  
1,651,561 A \* 12/1927 Storey ..... A47D 13/086  
D29/101.1  
1,904,480 A \* 4/1933 Leffert ..... A47D 15/008  
D29/101.1  
2,252,357 A \* 8/1941 Shaw ..... A47D 15/006  
D29/101.1  
D245,537 S \* 8/1977 Gurgiolo ..... D29/101.1  
D248,596 S \* 7/1978 Neyman ..... D29/101.1  
D267,598 S \* 1/1983 Lyer ..... D29/101.1  
4,479,267 A \* 10/1984 Radowsky, Jr. .... G08B 5/004  
D29/101.1  
D284,326 S \* 6/1986 Roney ..... D29/101.1  
D309,359 S \* 7/1990 Joachim ..... D29/101.1  
D323,218 S \* 1/1992 Kamensky ..... A47D 13/086  
D24/191  
5,111,806 A \* 5/1992 Travis ..... A61F 5/028  
602/19  
D328,803 S \* 8/1992 Franklin ..... D29/101.1  
5,188,586 A \* 2/1993 Castel ..... A41D 13/0525  
128/845  
D342,108 S \* 12/1993 Leibowitz ..... D29/101.1  
D352,114 S \* 11/1994 Nicholson ..... D24/190  
5,466,214 A \* 11/1995 Calderon-Garciduenas .....  
A61F 5/026  
602/19  
5,499,965 A \* 3/1996 Sanchez ..... A61F 5/028  
128/100.1  
5,503,620 A \* 4/1996 Danzger ..... A61F 5/028  
2/310  
5,547,461 A \* 8/1996 Levis ..... A61F 5/34  
224/644  
D374,506 S \* 10/1996 O'Neil ..... D29/101.1  
5,560,046 A \* 10/1996 Iwamasa ..... A61F 5/028  
602/19  
5,765,224 A \* 6/1998 Johnson ..... A61F 5/026  
2/45  
D412,765 S \* 8/1999 Eckstrand ..... D29/101.1  
6,315,747 B1 \* 11/2001 Toole ..... A61F 5/026  
602/19  
D451,604 S \* 12/2001 Kasabach ..... D24/186  
D501,078 S \* 1/2005 Cabana ..... D3/215  
D512,535 S \* 12/2005 Willows ..... D29/101.2  
D555,289 S \* 11/2007 Escarcega ..... D29/101.3  
D600,859 S \* 9/2009 Hill ..... D29/101.1  
D627,072 S \* 11/2010 Kosh ..... D24/190  
D634,895 S \* 3/2011 Ross ..... D29/101.1

D635,624 S \* 4/2011 Brown ..... A61F 5/026  
D24/190  
D636,964 S \* 4/2011 Thomas ..... D29/101.1  
D668,393 S \* 10/2012 Hogbin ..... D29/101.1  
D699,364 S \* 2/2014 Chiang ..... A61F 5/028  
D24/190  
D734,591 S \* 7/2015 Jirsa ..... D24/190  
D776,287 S \* 1/2017 Leonard ..... A63B 23/0244  
D29/101.1  
D818,132 S \* 5/2018 Hille ..... A61F 5/026  
D24/190  
D851,263 S \* 6/2019 Thompson ..... A61F 5/028  
D24/190  
D858,780 S \* 9/2019 Sikandar ..... A61F 5/026  
D24/190  
D866,866 S \* 11/2019 Dickens ..... D29/101.4  
D882,804 S \* 4/2020 Matsuura ..... A61F 5/026  
D24/190  
D895,128 S 9/2020 Khubani  
D911,532 S \* 2/2021 Wang ..... A61F 5/028  
D24/190  
D946,772 S \* 3/2022 Sunkara ..... A61F 5/028  
D24/190  
D948,129 S \* 4/2022 Koutris ..... D29/101.5  
D954,976 S \* 6/2022 Li ..... A61F 5/026  
D24/190  
D955,589 S \* 6/2022 Peng ..... D24/190  
D965,153 S \* 9/2022 Liang ..... D24/190  
D965,154 S \* 9/2022 Zhang ..... D29/101.3  
2004/0143204 A1 \* 7/2004 Salmon ..... A61F 5/026  
602/19  
2007/0016120 A1 \* 1/2007 Latronica ..... A61F 5/026  
602/19  
2008/0195010 A1 \* 8/2008 Lai ..... A63B 23/0244  
602/5  
2014/0018715 A1 \* 1/2014 Ingimundarson ..... A61F 5/026  
602/19  
2016/0074201 A1 \* 3/2016 Williamson ..... A61F 5/028  
602/19  
2018/0098732 A1 \* 4/2018 Williamson ..... G16H 80/00  
2020/0046539 A1 \* 2/2020 Jawed ..... A61F 5/028

OTHER PUBLICATIONS

“Posture Corrector for Women and Men, Vicorrect Adjustable Upper Back Brace for Clavicle Support and Providing Pain Relief from Neck, Shoulder, and Upper Back S-M(27"-35")”, Web page <<https://www.amazon.ca/dp/B08VNHZMFK>>, 13 pages, retrieved on Mar. 24, 2022.

“Vicorrect Posture Corrector for Women and Men, Adjustable upper back straightener posture corrector and Providing Pain Relief from Neck, Shoulder, and Upper Back (Small/Medium)”, Web page <<https://www.amazon.com/dp/B096F349MH>>, 12 pages, retrieved on Mar. 24, 2022.

\* cited by examiner



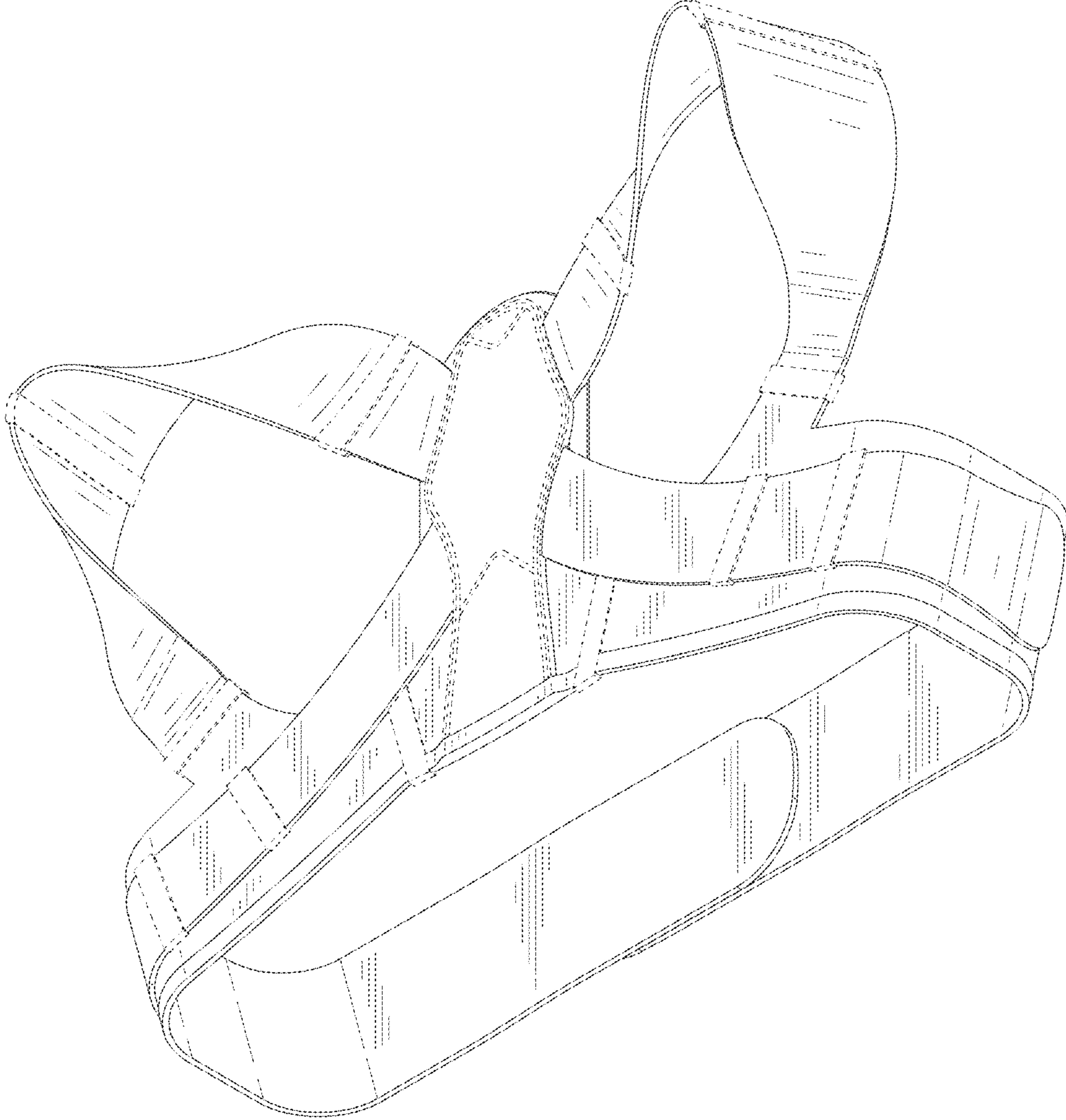


FIG. 1

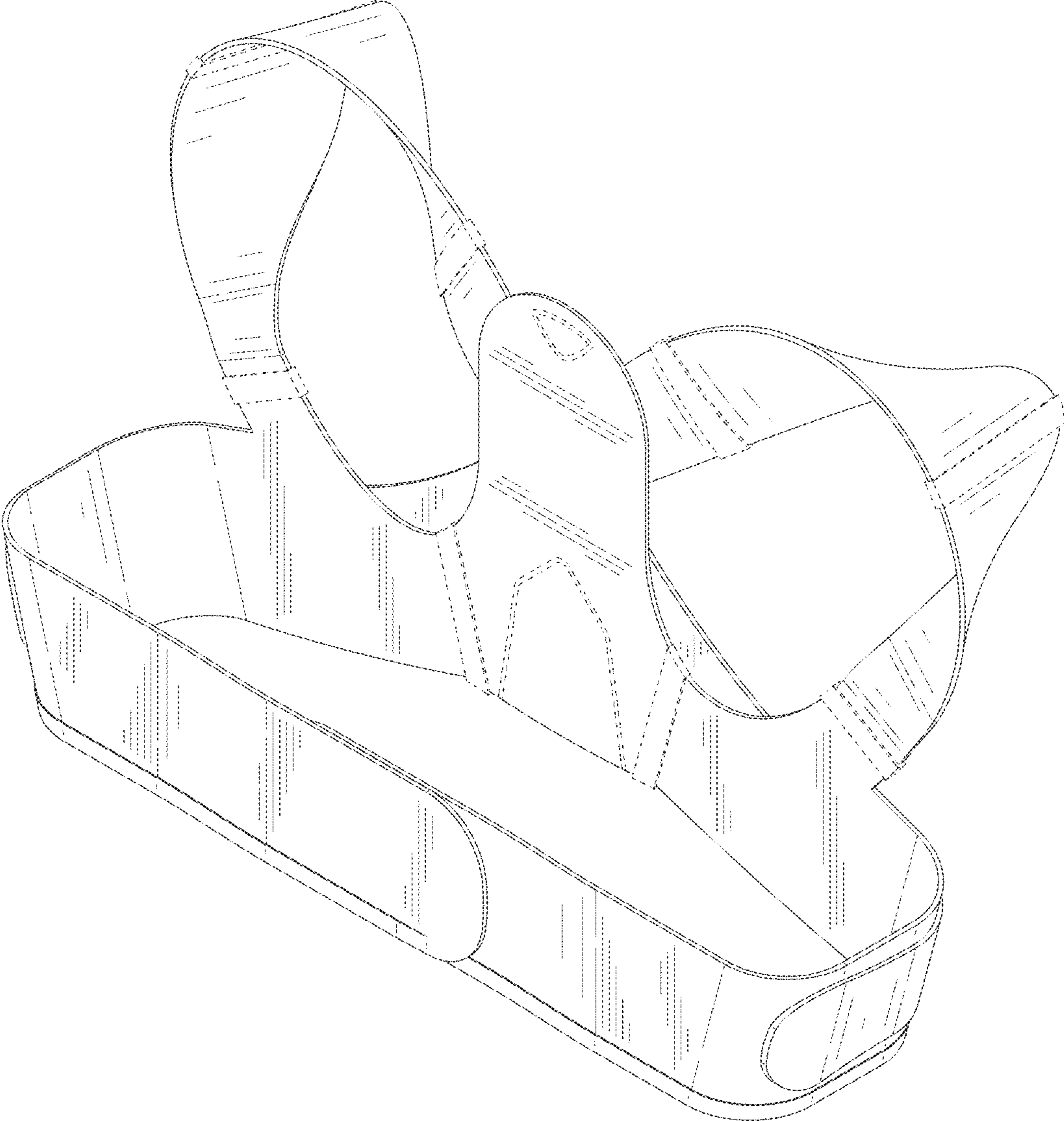


FIG. 2

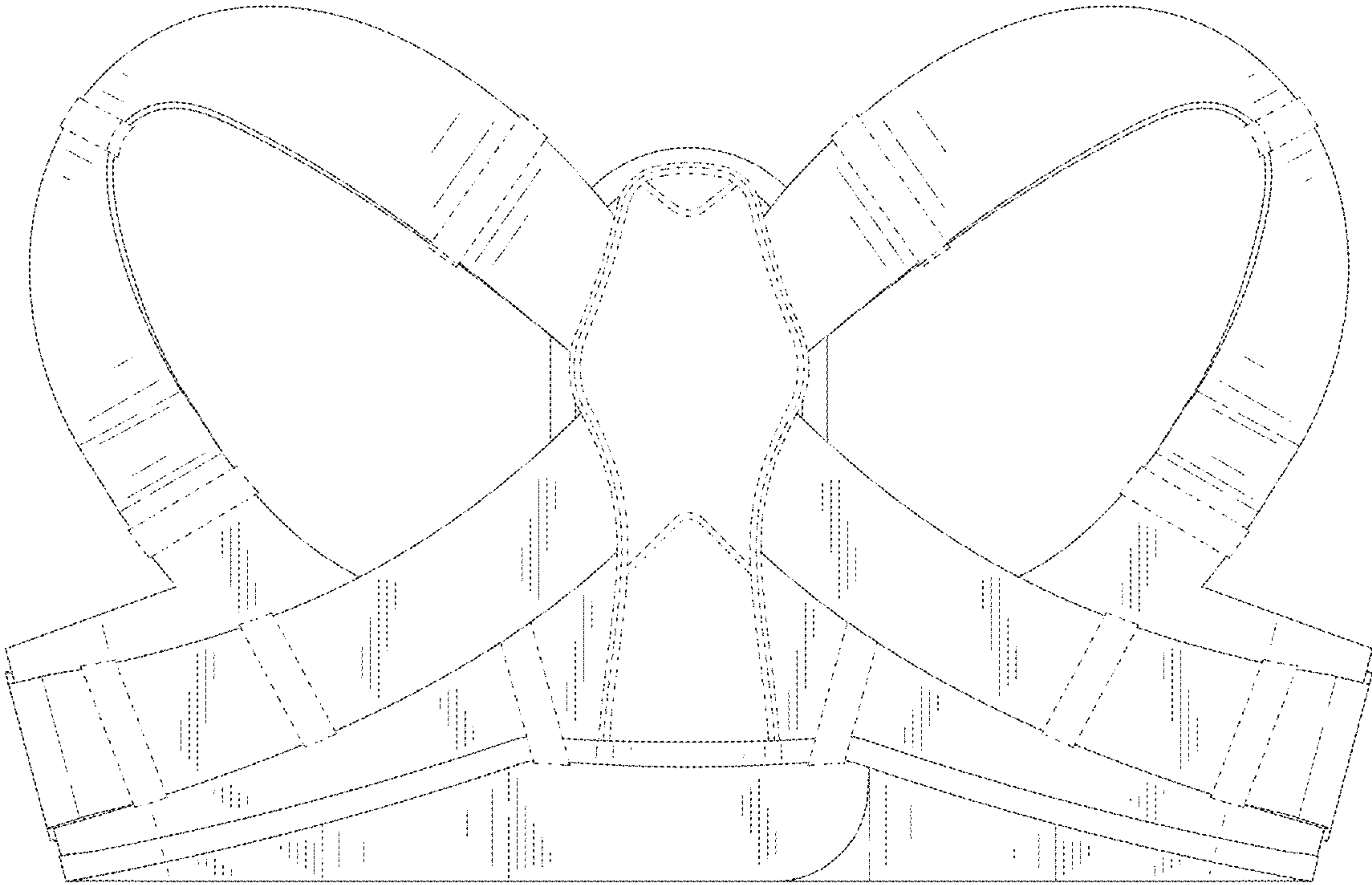


FIG. 3

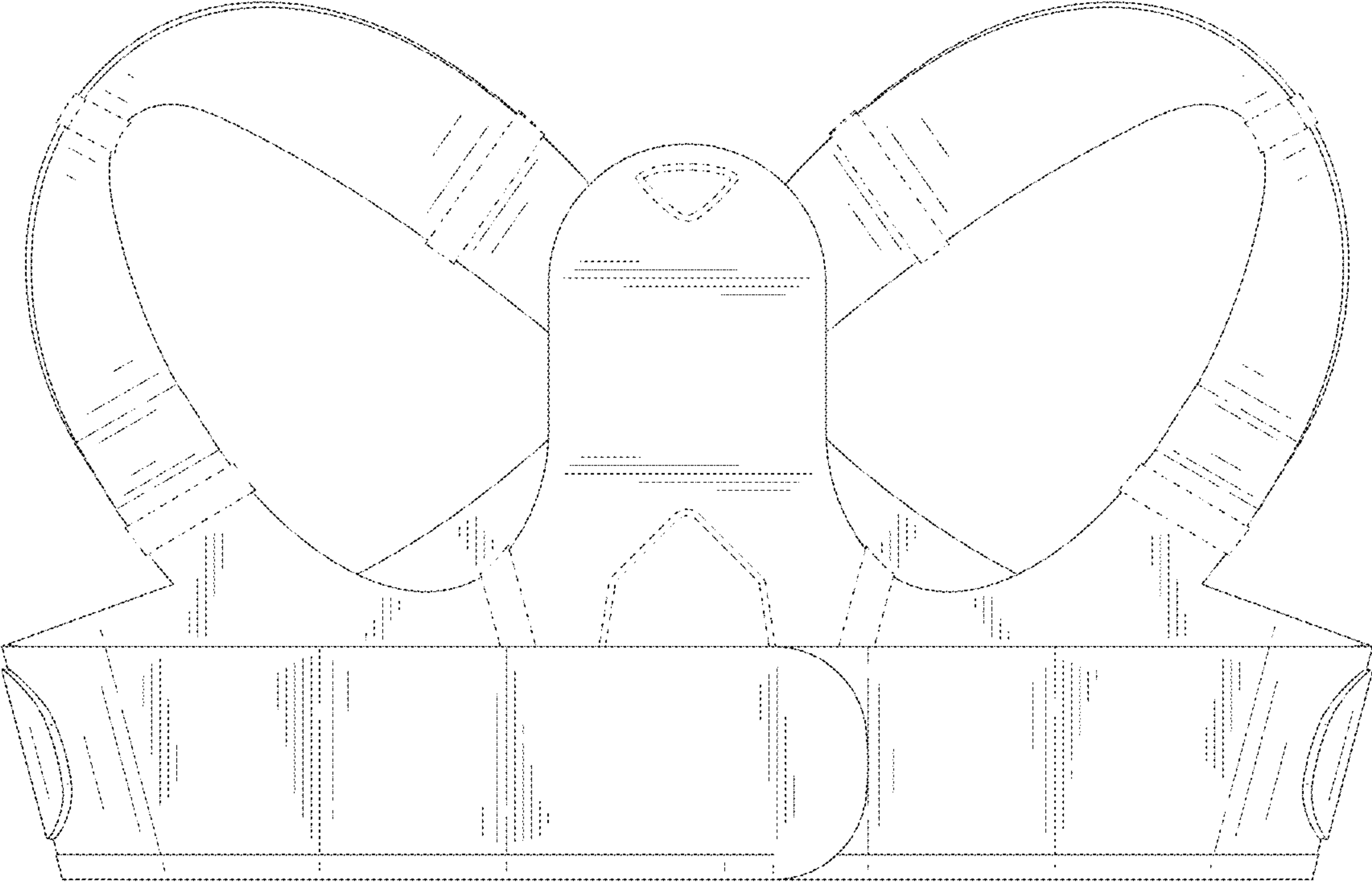


FIG. 4

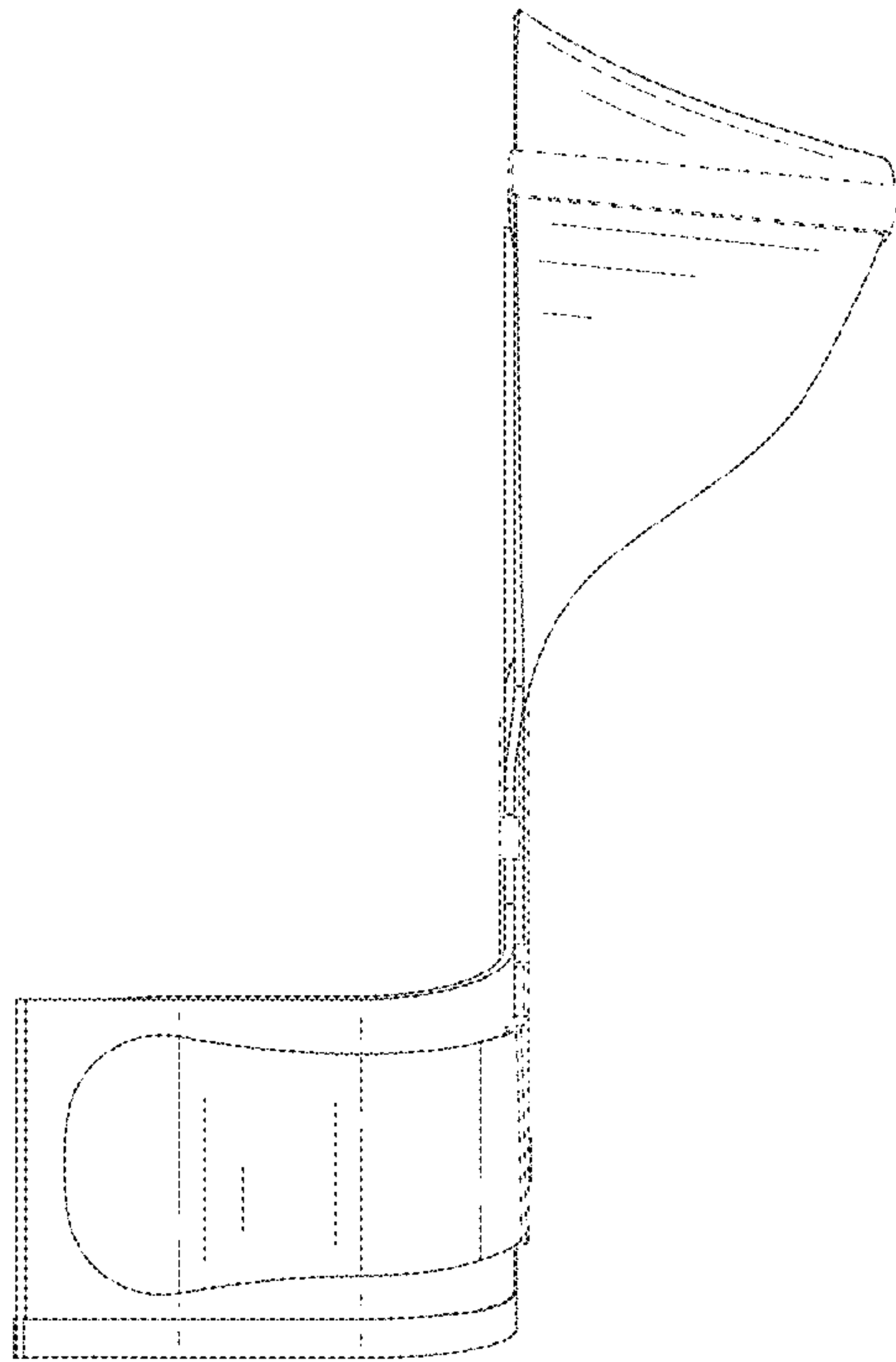


FIG. 5

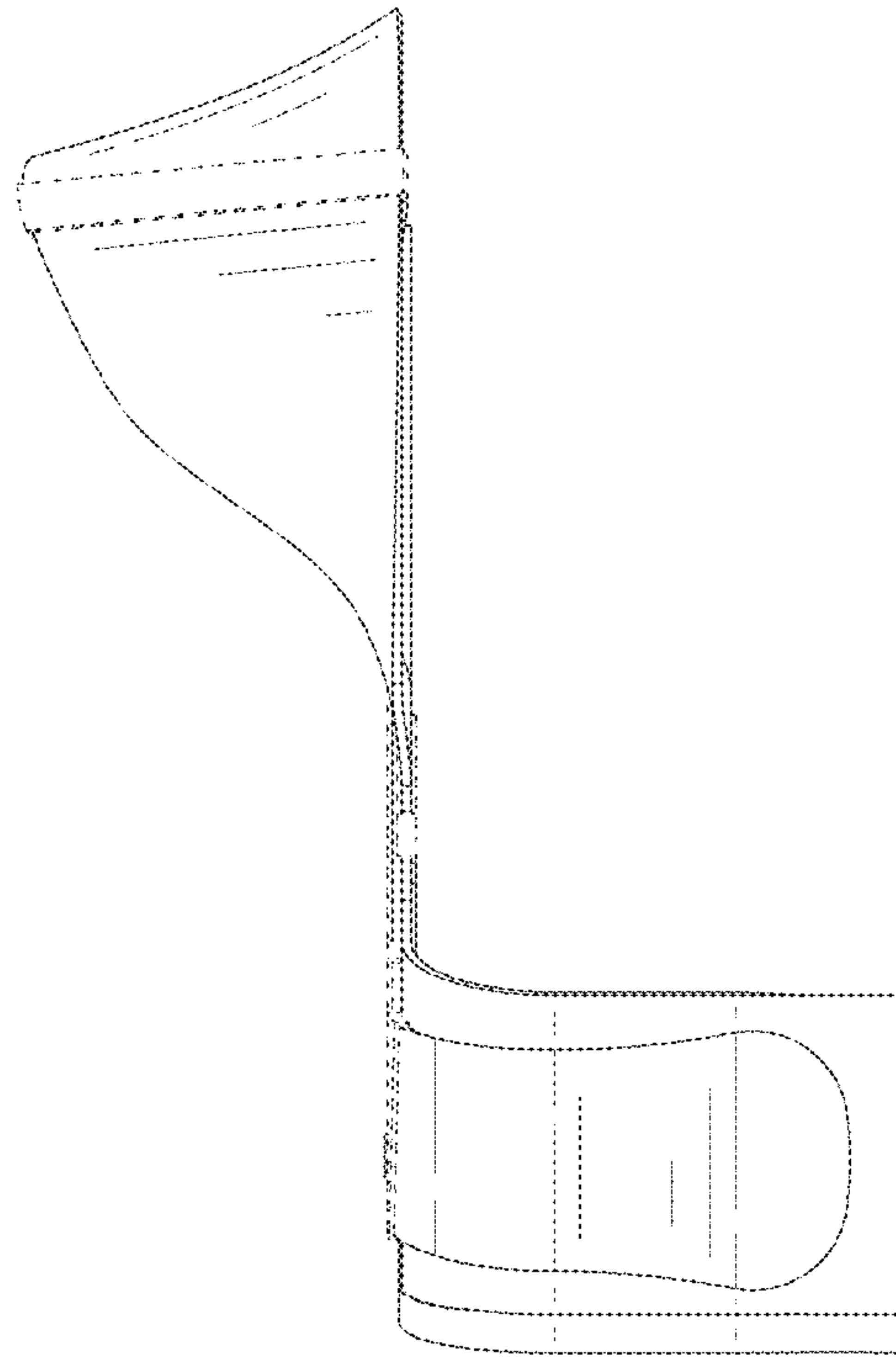


FIG. 6



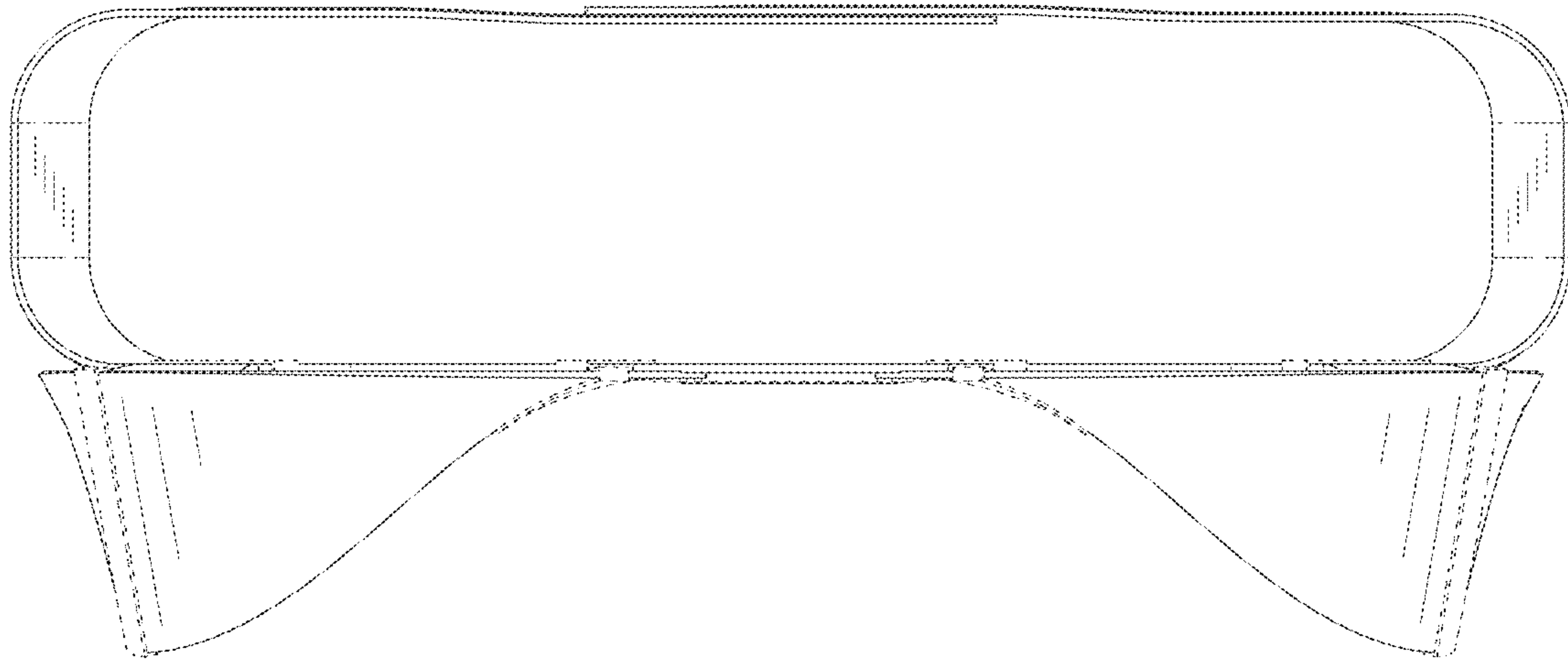


FIG. 7

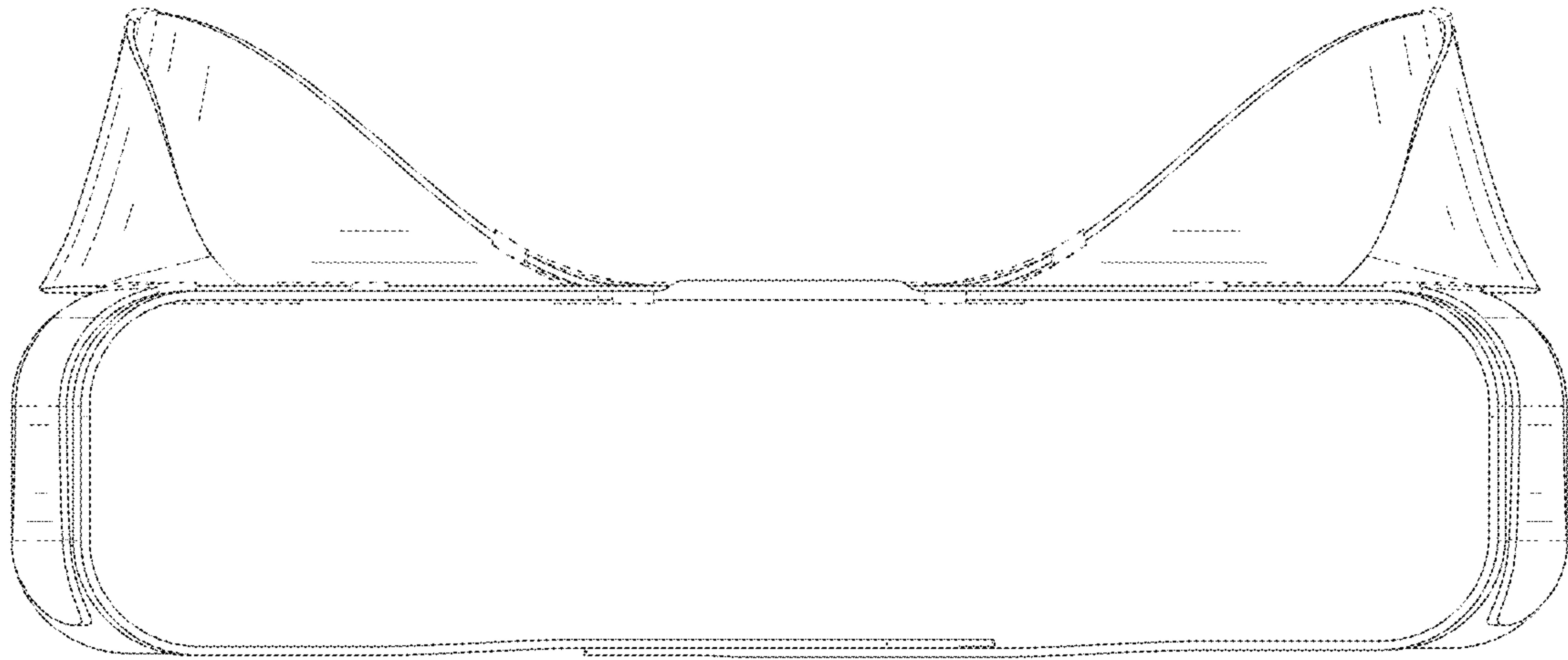


FIG. 8