



US00D986422S

(12) **United States Design Patent** (10) **Patent No.:** **US D986,422 S**
Kiruki et al. (45) **Date of Patent:** **** May 16, 2023**

(54) **ORTHOPEdic FRAME**
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(**) Term: **15 Years**
(21) Appl. No.: **29/729,454**
(22) Filed: **Mar. 26, 2020**
(51) **LOC (14) Cl.** **24-01**
(52) **U.S. Cl.**
USPC **D24/190; D29/121.1**
(58) **Field of Classification Search**
USPC D24/188–192; D29/121.1
See application file for complete search history.

5,743,865 A 4/1998 Townsend
5,776,086 A * 7/1998 Pansiera A61F 5/0125
602/26
5,782,780 A 7/1998 Mason et al.
5,891,071 A 4/1999 Stearns et al.
(Continued)

OTHER PUBLICATIONS

Innovation Sports, Products, Knee, OTS “Aspire”, at least of May 3, 2007, 1 Page.

(Continued)

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(57) **CLAIM**

The ornamental design for an orthopedic frame, as shown and described.

DESCRIPTION

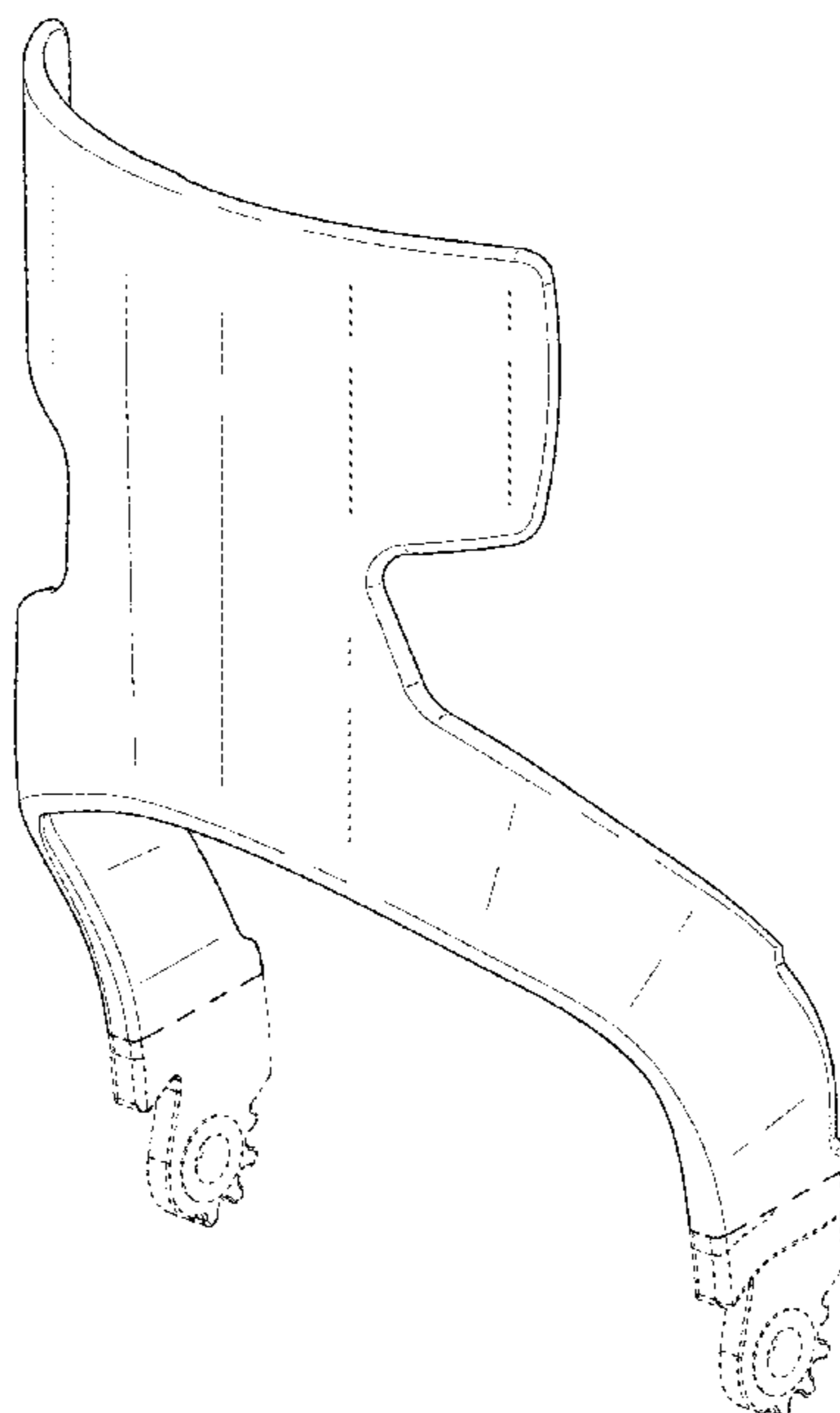
FIG. 1 is a perspective view of an orthopedic frame.
FIG. 2 is a frontal elevational view of the orthopedic frame of FIG. 1.
FIG. 3 is a rear elevational view of the orthopedic frame of FIG. 1.
FIG. 4 is a first plan view of the orthopedic frame of FIG. 1.
FIG. 5 is a second plan view opposite of the first plan view of the orthopedic frame of FIG. 4.
FIG. 6 is a first side elevational view of the orthopedic frame of FIG. 1; and,
FIG. 7 is a second side elevational view of the orthopedic frame of FIG. 1.
The long dashed broken lines immediately adjacent shaded surfaces depict the claim boundary and form no part of the claim. The short dashed broken lines depict portions of an orthopedic frame and form no part of the claim.

1 Claim, 5 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D284,702 S 7/1986 Castillo
4,940,044 A 7/1990 Castillo
D318,736 S 7/1991 Castillo
5,230,697 A 7/1993 Castillo et al.
5,288,287 A 2/1994 Castillo et al.
D346,028 S 4/1994 Lengyel
D357,070 S 4/1995 Castillo
5,419,754 A * 5/1995 Hutchins A61F 5/0123
602/26
D367,536 S 2/1996 Kilbey
D370,261 S 5/1996 Kilbey
D370,533 S 6/1996 Kilbey
5,554,104 A 9/1996 Grim
5,676,640 A * 10/1997 Biedermann A61F 5/0123
602/26



(56)

References Cited

U.S. PATENT DOCUMENTS

5,954,677 A * 9/1999 Albrecht A61F 5/0125
602/26

D416,624 S 11/1999 Nauert

6,059,743 A * 5/2000 Reinhardt A61F 5/0123
602/26

D431,295 S 9/2000 Rothenberg

D433,756 S 11/2000 Castillo

RE37,297 E 7/2001 Smith, III

6,290,664 B1 9/2001 Nauert

6,387,066 B1 * 5/2002 Whiteside A61F 5/0123
602/26

6,402,711 B1 * 6/2002 Nauert A61F 5/0123
602/26

6,461,318 B2 10/2002 Freeman et al.

6,464,657 B1 10/2002 Castillo

6,527,733 B1 * 3/2003 Ceriani A61F 5/0123
602/26

6,793,641 B2 9/2004 Freeman et al.

6,878,126 B2 4/2005 Nelson et al.

7,044,925 B2 5/2006 Castillo et al.

7,059,329 B2 6/2006 Mason et al.

7,105,122 B2 * 9/2006 Karason B29C 43/3642
425/389

D548,844 S 8/2007 Castillo

7,311,687 B2 12/2007 Hoffmeier et al.

D558,884 S 1/2008 Ingimundarson et al.

D577,828 S 9/2008 Ingimundarson et al.

D588,753 S * 3/2009 Ingimundarson D29/121.1

D611,158 S * 3/2010 Peters D24/192

7,959,589 B2 * 6/2011 Sreeramagiri A61F 5/0123
602/26

8,123,711 B2 * 2/2012 Pansiera A61F 5/0123
602/5

8,512,267 B2 * 8/2013 McCune A61F 5/00
602/26

8,795,212 B2 * 8/2014 Seligman A61F 5/0123
602/26

D800,324 S * 10/2017 Cox D24/190

D802,778 S * 11/2017 Lo D24/190

D813,403 S * 3/2018 Hylton D24/190

D821,590 S * 6/2018 Hylton D24/190

10,512,554 B2 * 12/2019 Sandahl A61F 2/60

D932,028 S * 9/2021 Geldart D24/188

D970,024 S * 11/2022 Kulas D24/191

11,497,643 B2 * 11/2022 Olivo A61F 5/0123

2004/0097859 A1 5/2004 Stearns

2006/0167394 A1 7/2006 Ceriani et al.

2008/0294080 A1 * 11/2008 Adarraga A63B 71/1225
602/26

2009/0198164 A1 * 8/2009 Krause A61F 5/0123
602/26

2010/0130899 A1 * 5/2010 Chao A61F 5/0125
602/26

2010/0286579 A1 * 11/2010 Bettiol A61F 5/0123
602/26

2013/0110020 A1 * 5/2013 Ingimundarson A61F 5/0123
602/26

OTHER PUBLICATIONS

Innovation Sports, Products, Knee, OTS “Edge”, at least of May 3, 2007, 1 Page.

Innovation Sports, Products, Knee, OTS “Morph”, at least of May 3, 2007, 1 Page.

Innovation Sports, Products, Knee, OTS “PCL”, at least of May 3, 2007, 1 Page.

“CTI,” Össur Injury Solution, accessed Mar. 30, 2020, 3 Pages.

“CTI Custom,” Össur Injury Solution, accessed Mar. 30, 2020, 3 Pages.

* cited by examiner

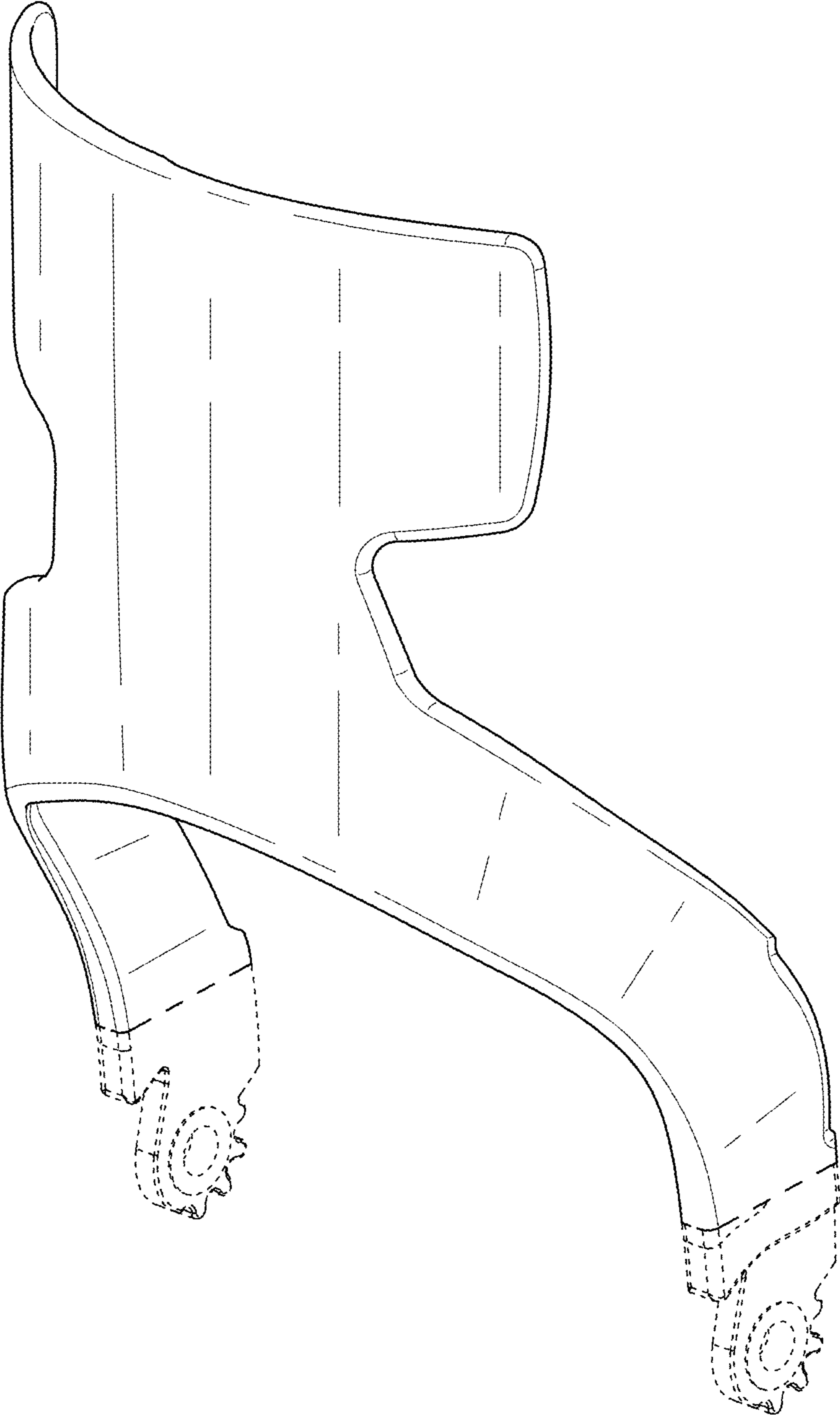


FIG. 1

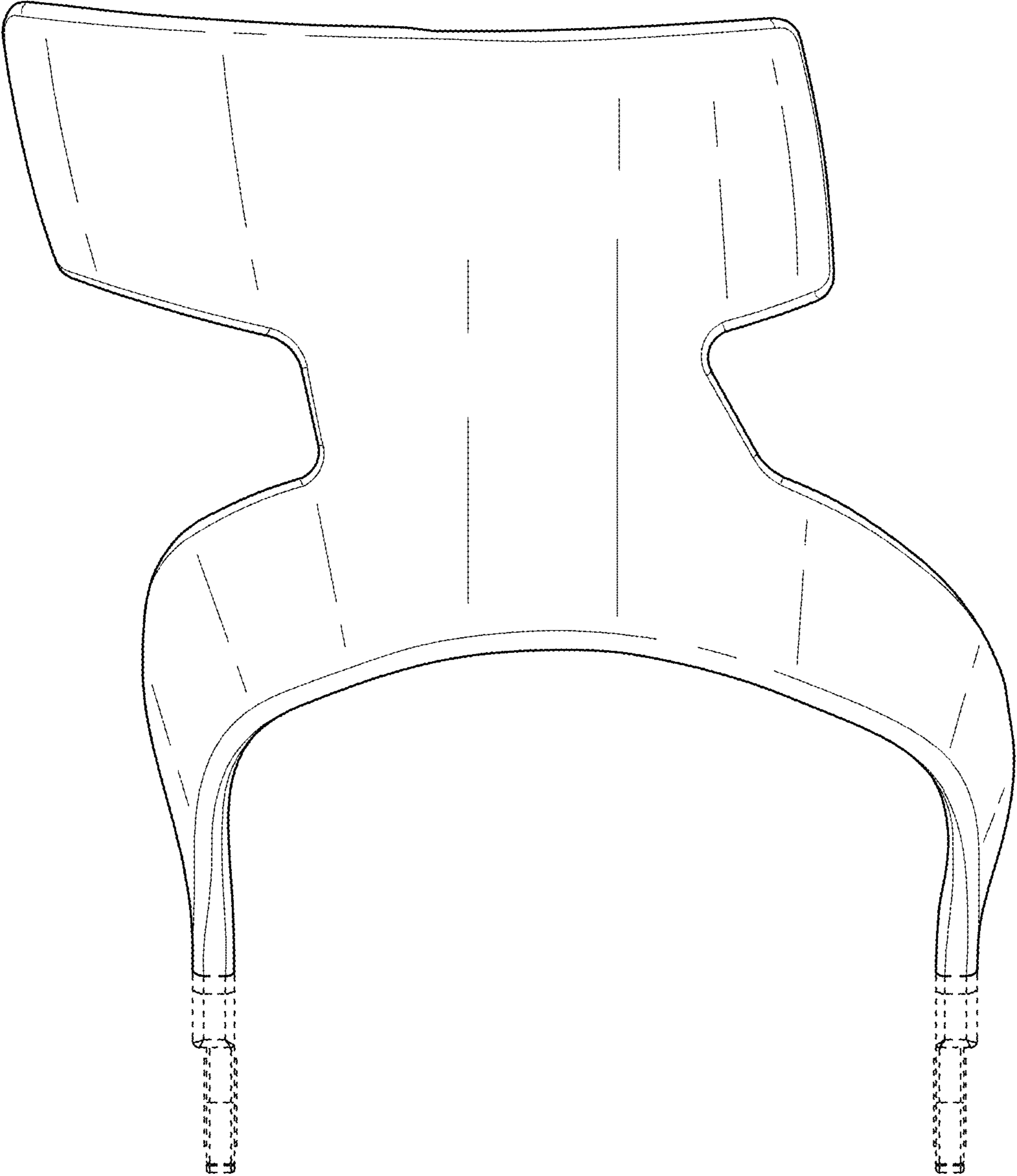


FIG. 2

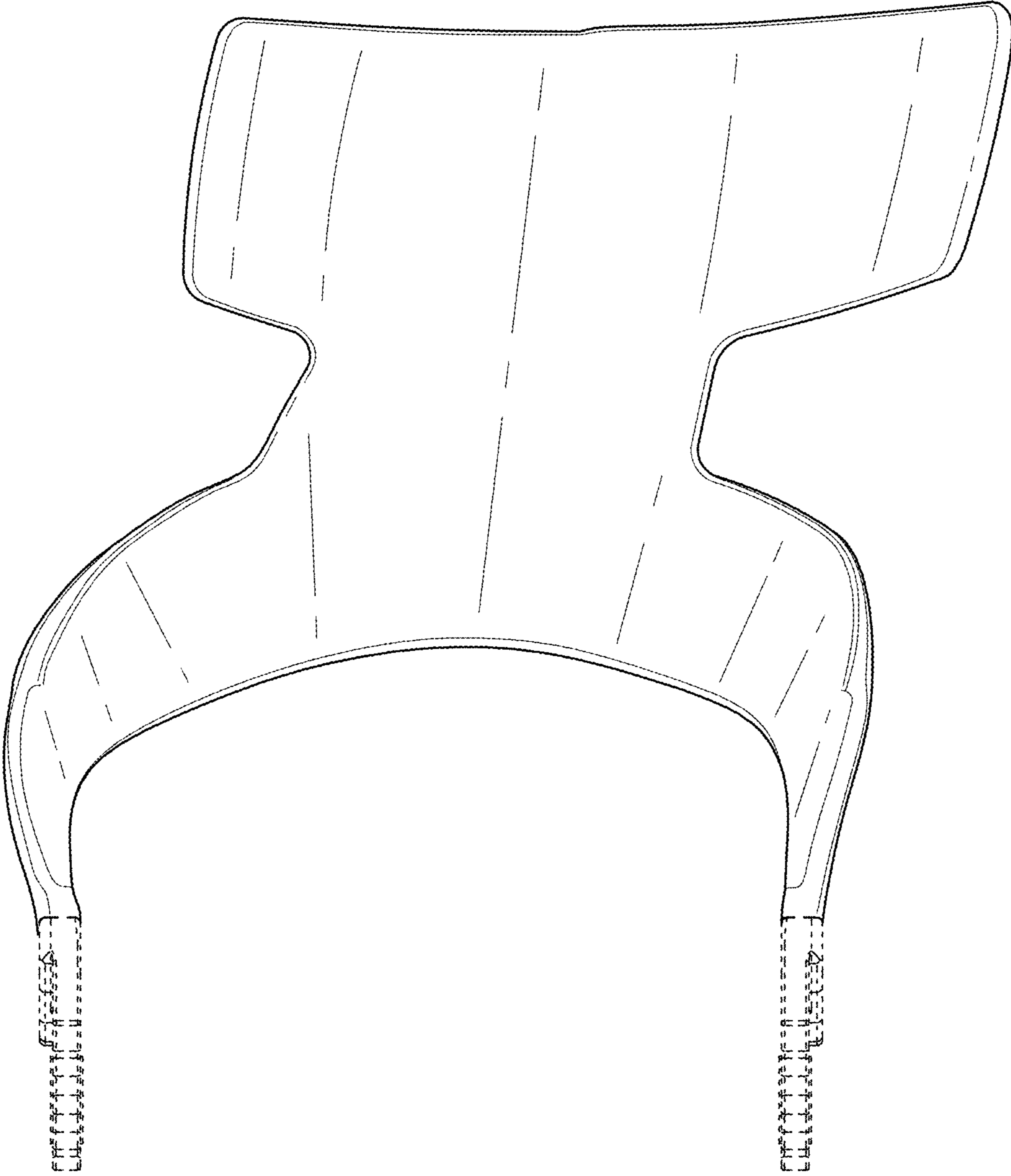


FIG. 3

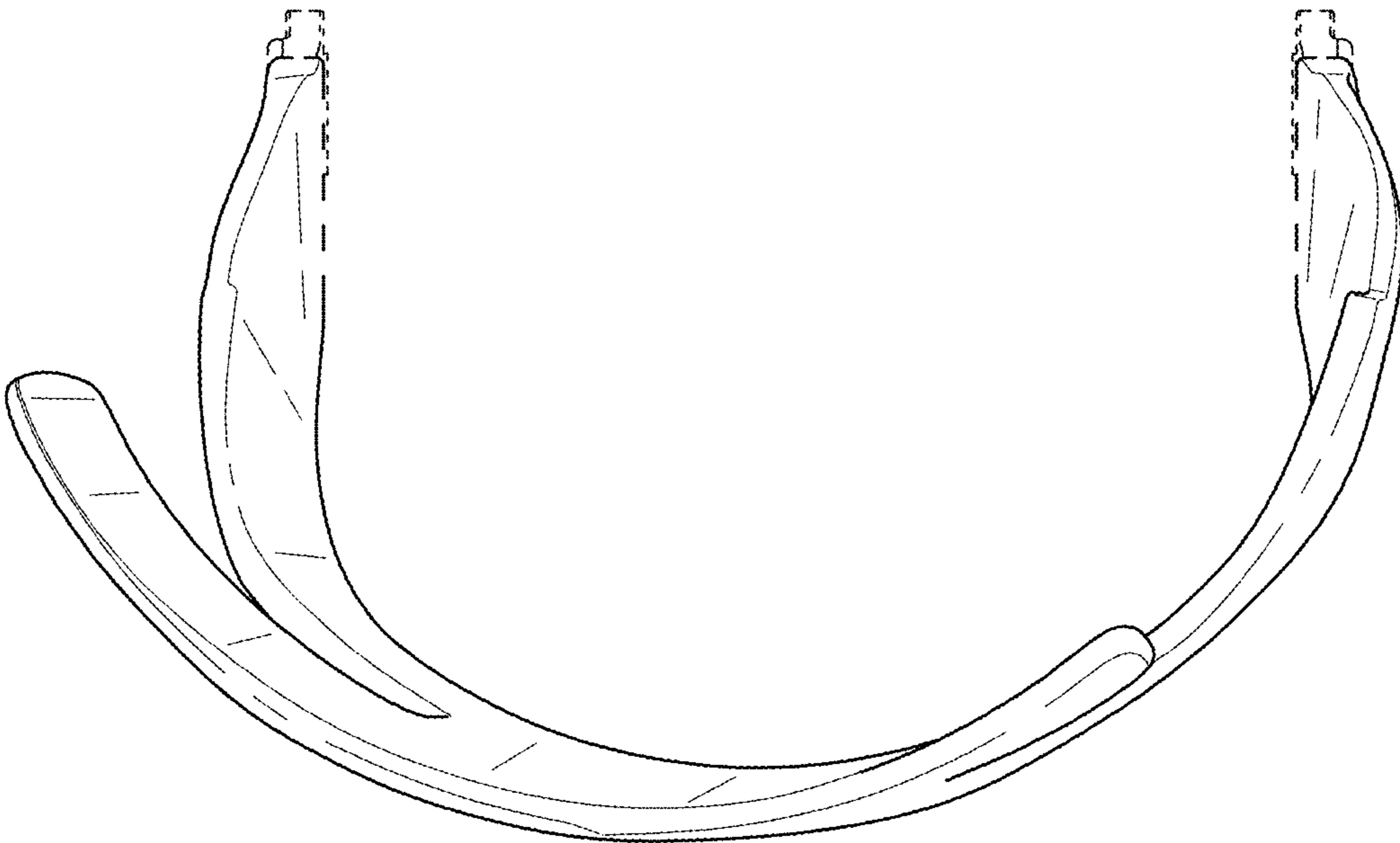


FIG. 4

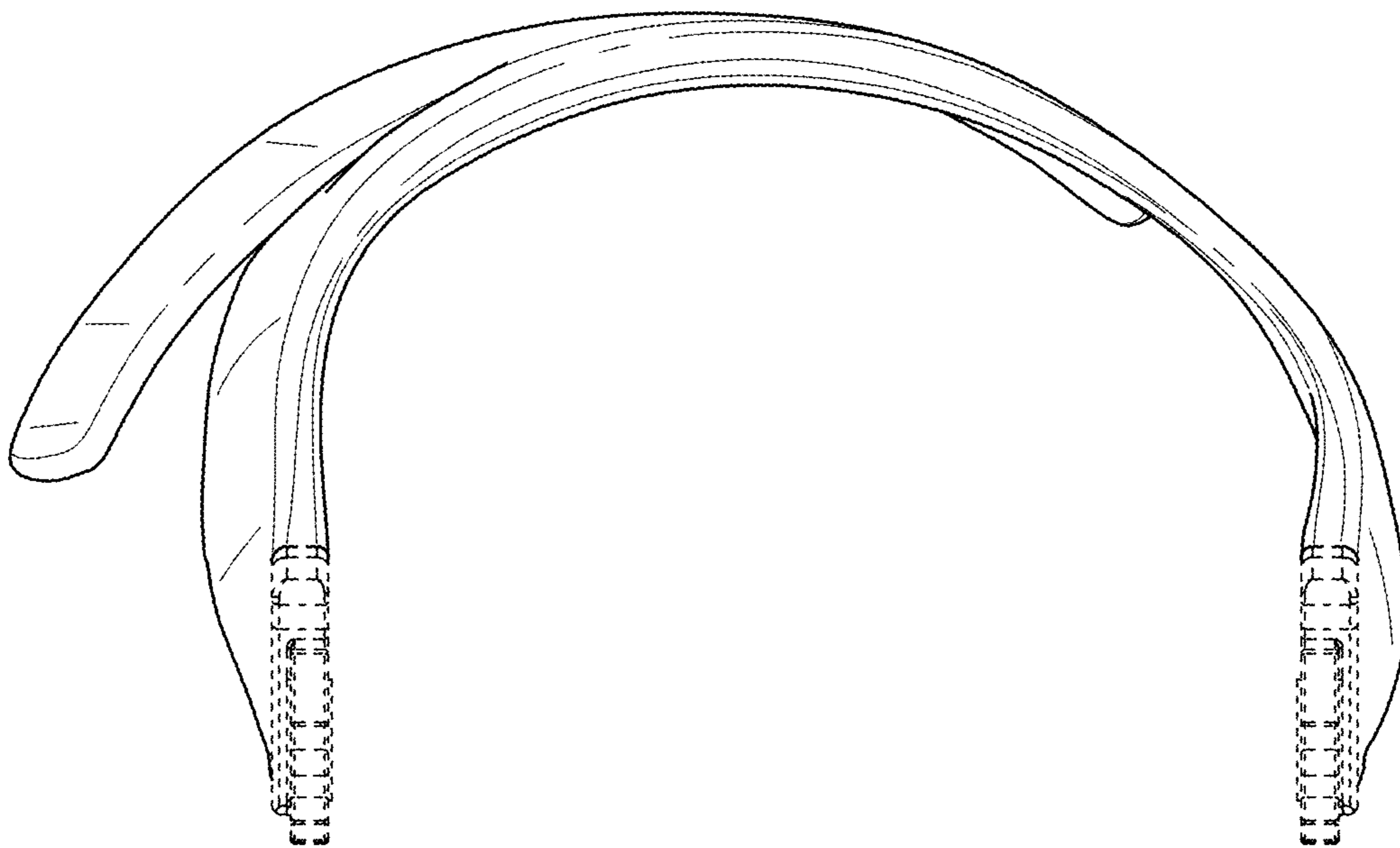


FIG. 5

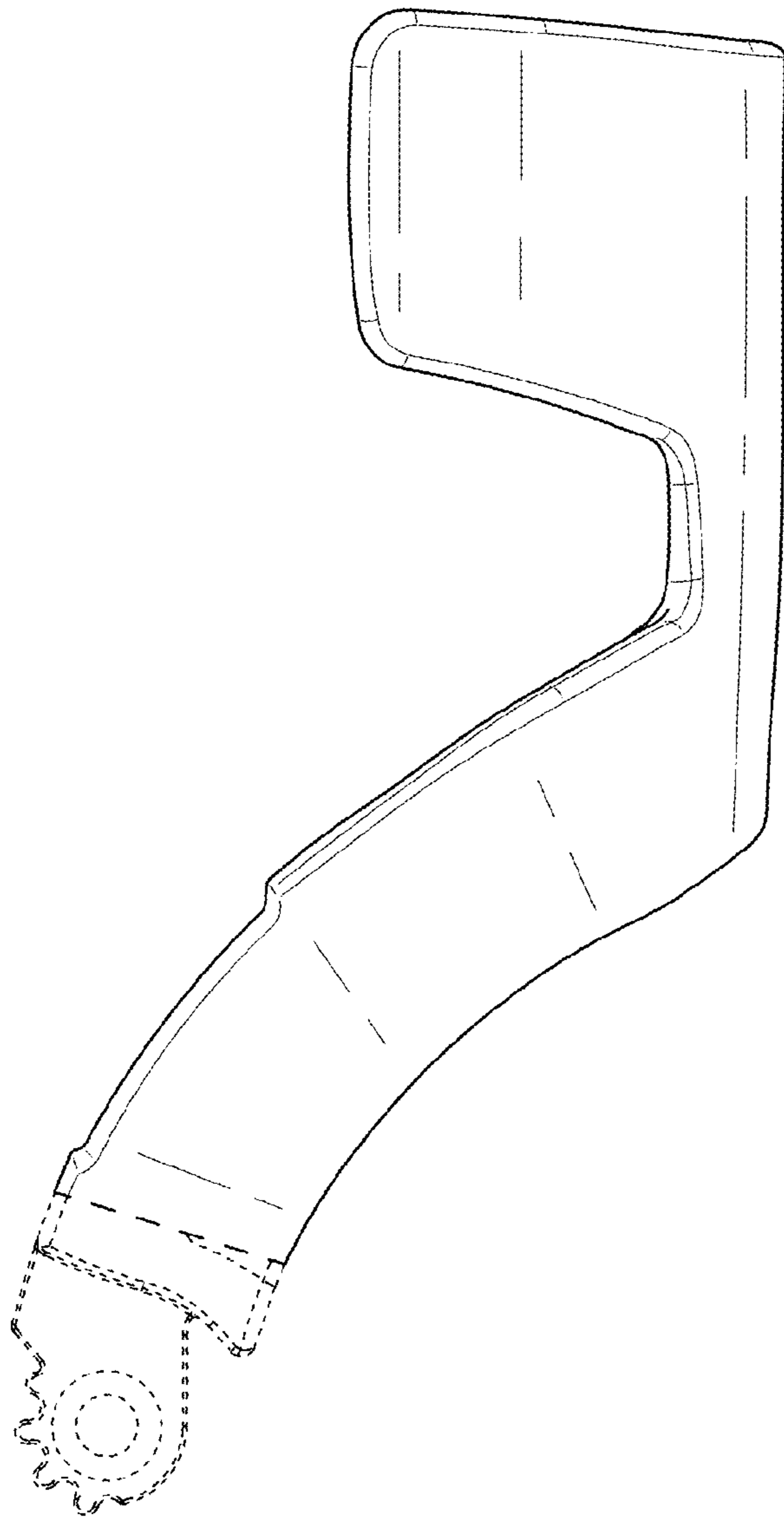


FIG. 6

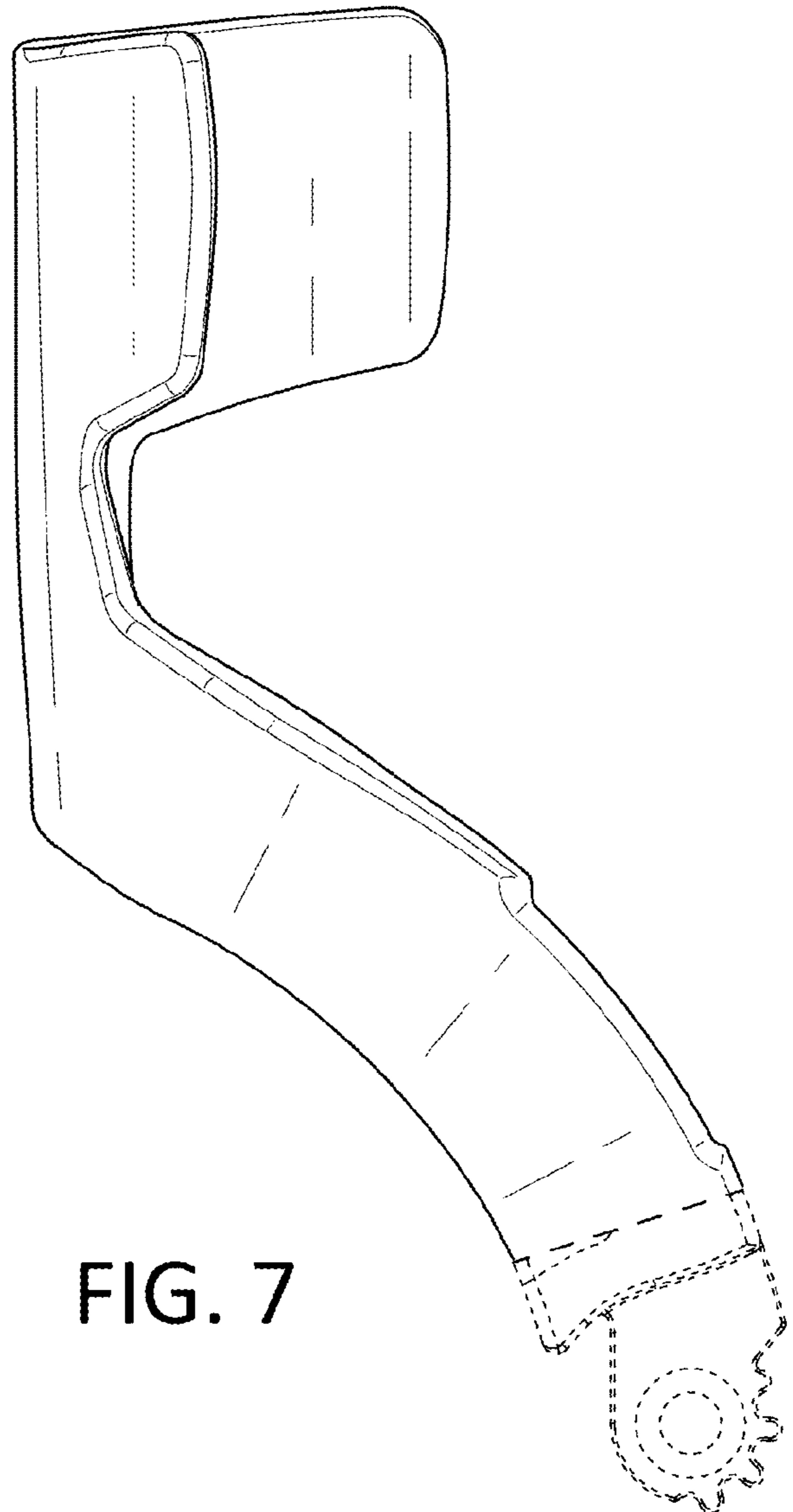


FIG. 7