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

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(54) **PATELLOFEMORAL IMPLANT**

D473,307 S * 4/2003 Cooke D24/155

6,712,856 B1 * 3/2004 Carignan et al. 623/20.35

D493,224 S * 7/2004 Cosgrove D24/155

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(Continued)

OTHER PUBLICATIONS

Conformis Orthopaedic Implants to Meet the Emerging Standard of Care for Articular Repair, "ConforMIS Interpositional Device (iPD)" MK00393A Mar. 2006; ConforMIS Uni-Compartmental Resurfacing Device (uCR) MK00394A 0306; "ConforMIS Bi-Compartmental Resurfacing Device (bCR)" MK00395A Mar. 2006; "ConforMIS Tri-Compartmental Resurfacing Device (tCF)*" MK00396A Mar. 2006.

(Continued)

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(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/338,101**

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Related U.S. Application Data

(63) Continuation of application No. 29/329,712, filed on Dec. 19, 2008, now abandoned.

(51) **LOC (9) Cl.** **24-03**

(52) **U.S. Cl.** **D24/155**

(58) **Field of Classification Search** D24/155, D24/101; 623/20.35, 901; 264/264
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D242,827 S * 12/1976 Elliott D24/155
- D245,920 S * 9/1977 Shen D24/155
- D291,003 S * 7/1987 Huckstep D24/155
- 5,019,104 A * 5/1991 Whiteside et al. 623/20.2
- D326,156 S * 5/1992 Martinez D24/155
- 5,171,282 A * 12/1992 Pequignot 623/20.35
- D358,647 S * 5/1995 Cohen et al. D24/155
- 5,549,688 A * 8/1996 Ries et al. 623/20.35
- D374,078 S * 9/1996 Johnson et al. D24/155
- 5,989,472 A * 11/1999 Ashby et al. 623/901

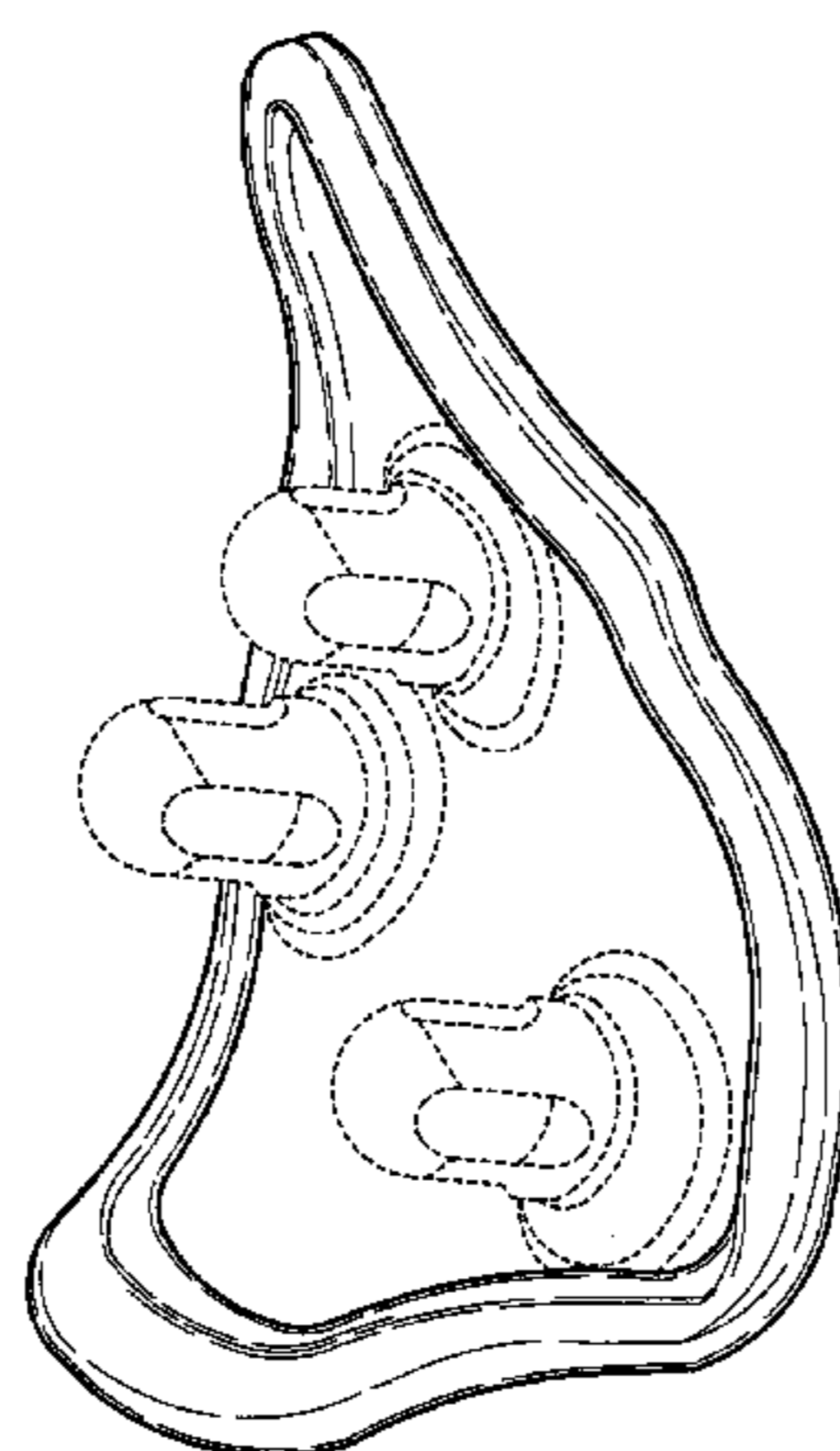
(57) **CLAIM**

We claim the implant as shown in the figures.

DESCRIPTION

- FIG. 1 is a top plan view of a patellofemoral implant;
- FIG. 2 is a bottom plan view of the patellofemoral implant;
- FIG. 3 is a front elevational view of the patellofemoral implant;
- FIG. 4 is a back elevational view of the patellofemoral implant;
- FIG. 5 is a side elevational view of the patellofemoral implant;
- FIG. 6 is an opposite side elevational view of the patellofemoral implant; and,
- FIG. 7 is a perspective view of the patellofemoral implant.

1 Claim, 4 Drawing Sheets



U.S. PATENT DOCUMENTS

6,905,514 B2 6/2005 Carignan et al.
6,942,475 B2 * 9/2005 Ensign et al. 623/901
D538,431 S * 3/2007 Botha D24/155
D565,180 S * 3/2008 Liao D24/155
7,429,346 B2 * 9/2008 Ensign et al. 264/264

OTHER PUBLICATIONS

Smith & Nephew "Journey PFJ Patellofemoral Joint System" Advertising Brochure © 2008 Smith & Nephew, Inc. 40920502 Mar. 2008.

Johnson & Johnson Gateway—DePuy Orthopaedics Inc. LCS PFJ Surgical Technique (at a Glance) Product Information, © Johnson & Johnson Gateway, LLC 2000-2006.

Zimmer "Gender Solutions Patello-Femoral Joint (PFJ) System", Product Information © 2008 Zimmer Inc. H124975926002001/\$080228B089.

* cited by examiner

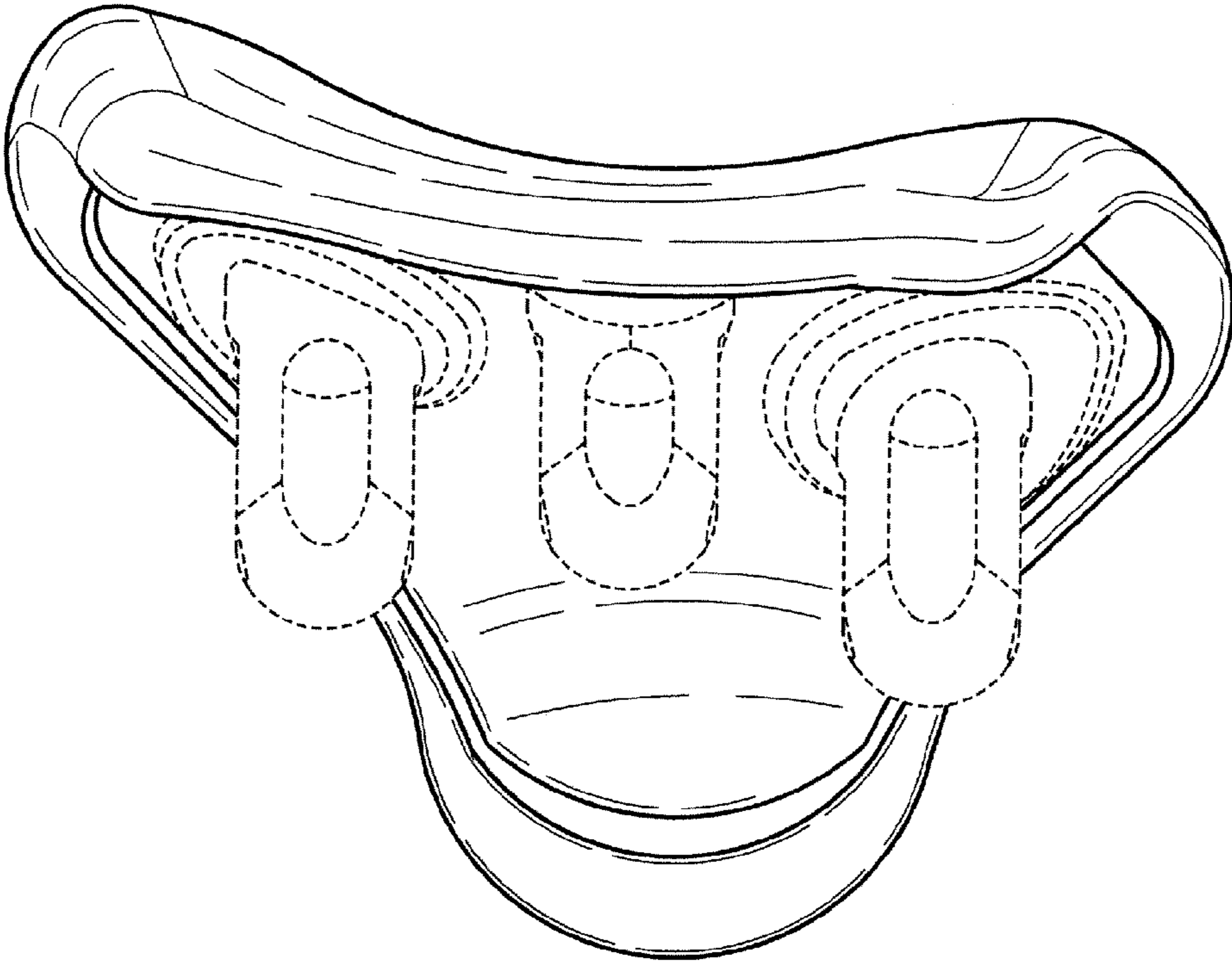


Fig. 1

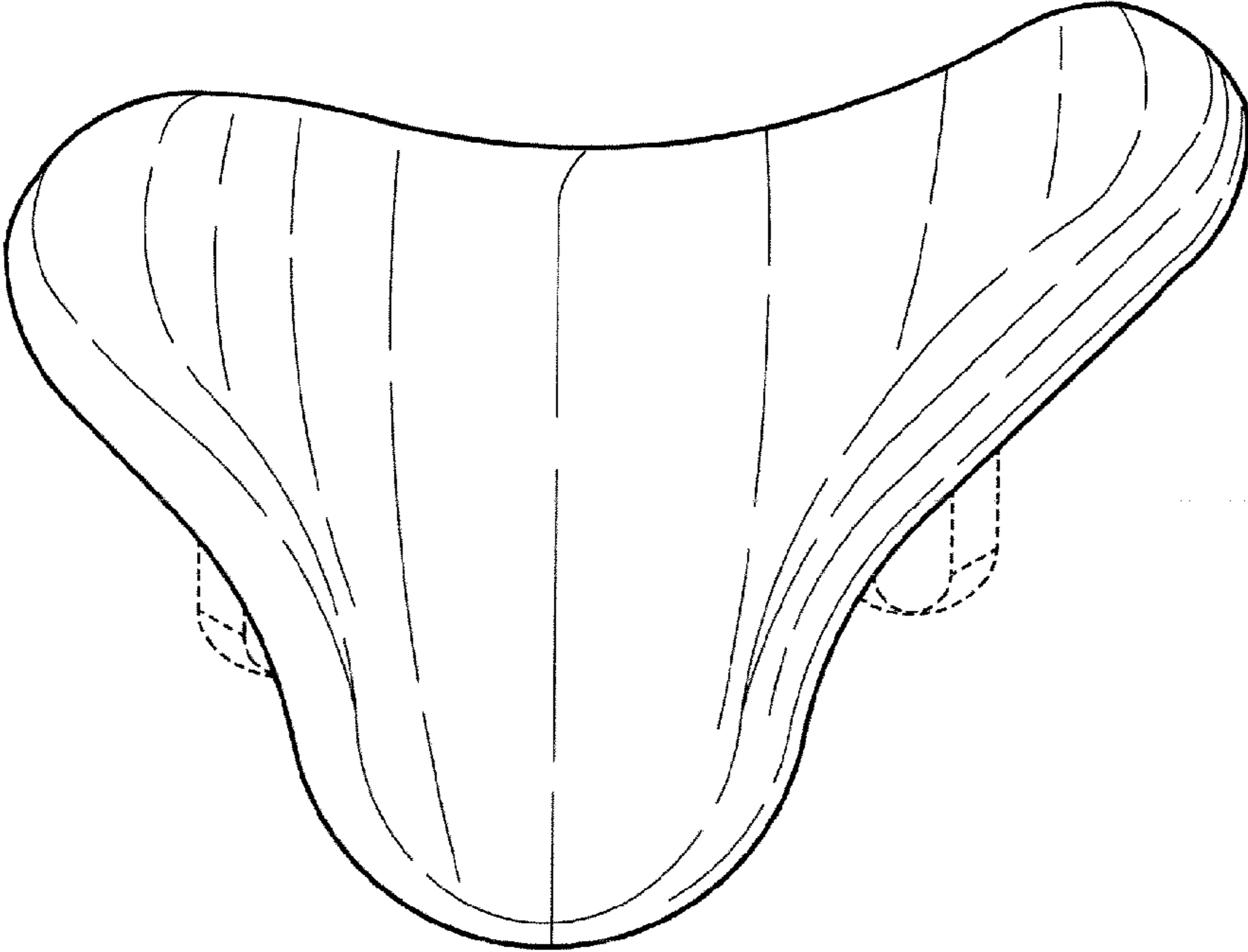


Fig. 2

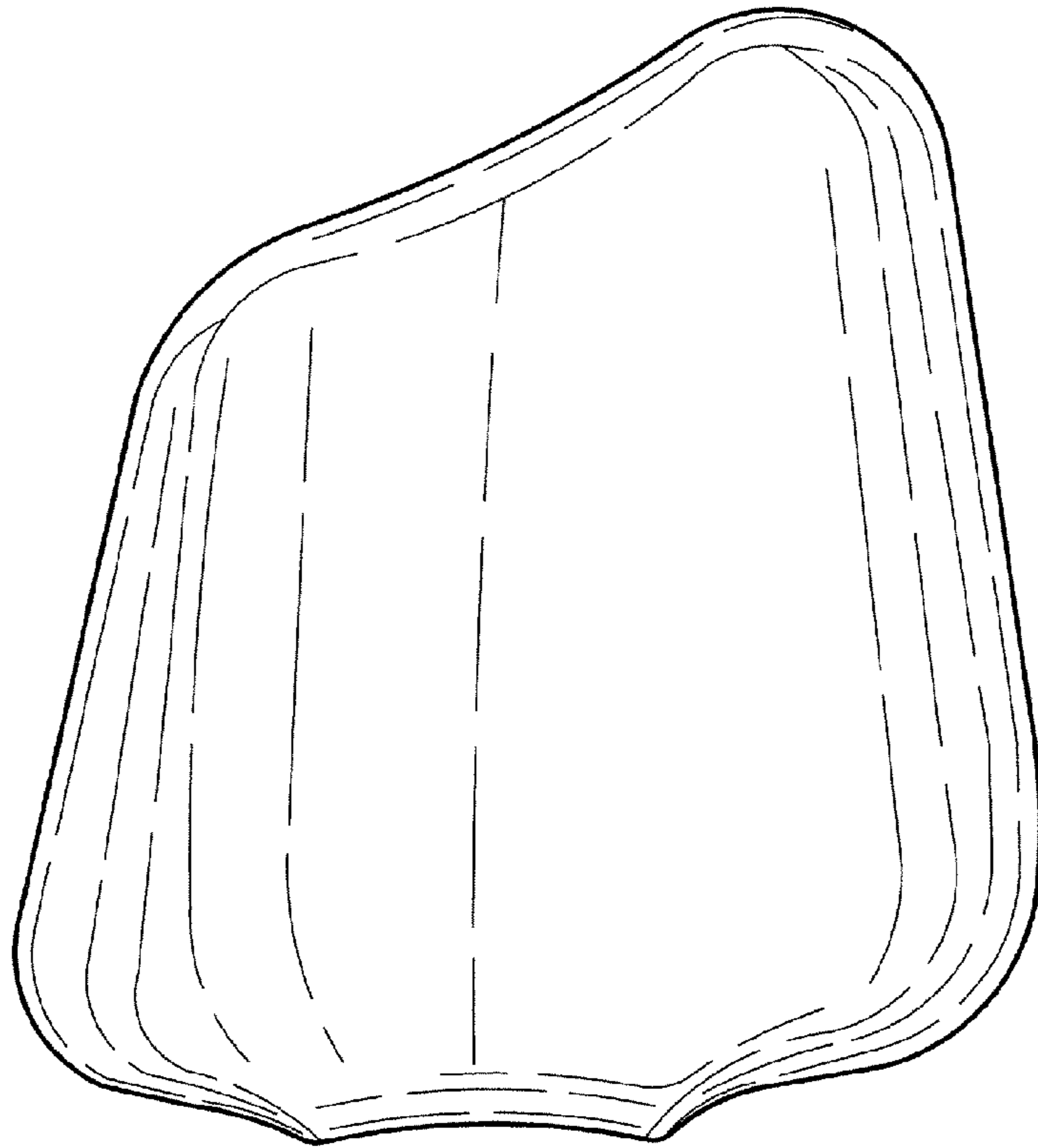


Fig. 3

Fig. 4

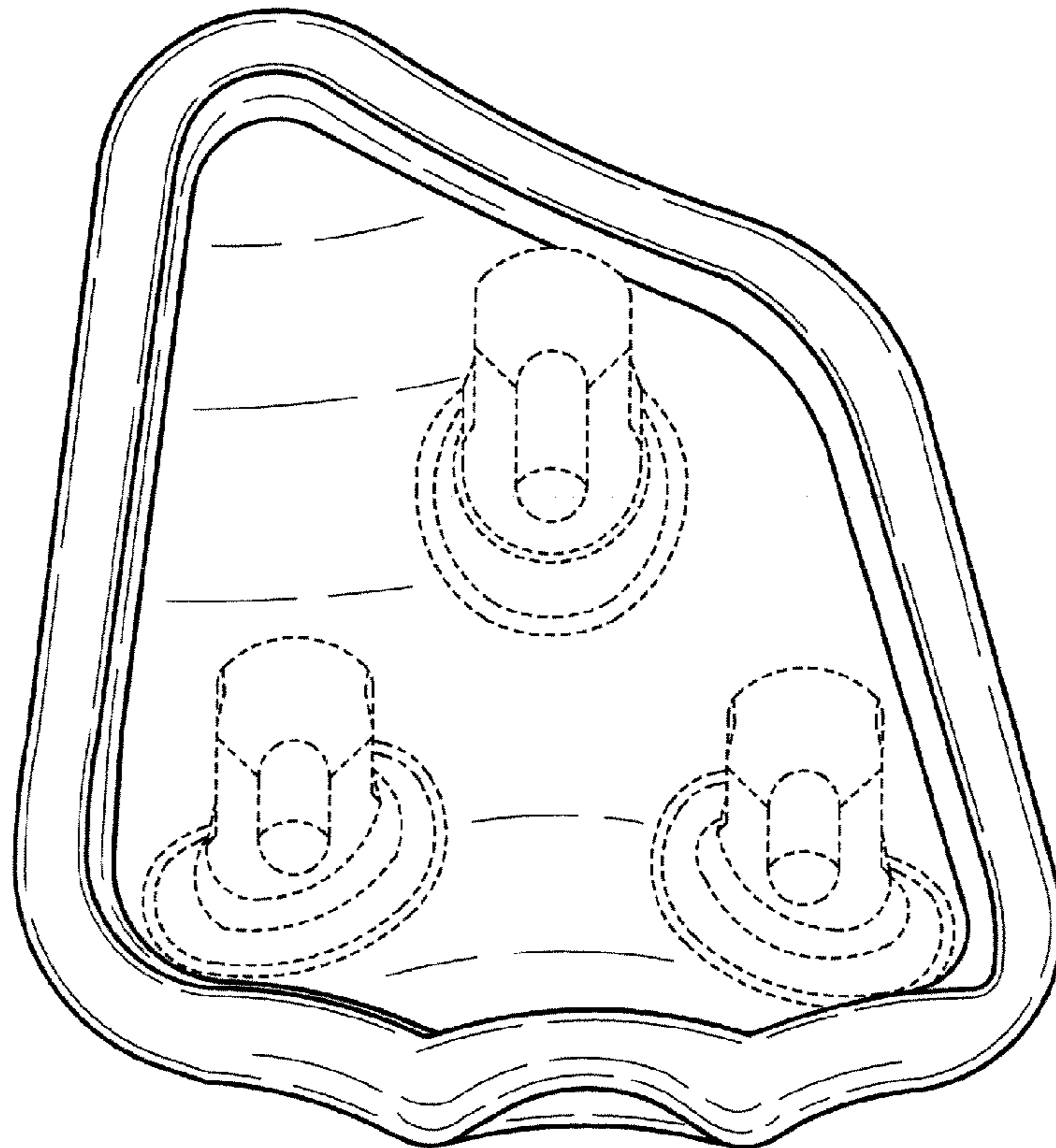


Fig. 5

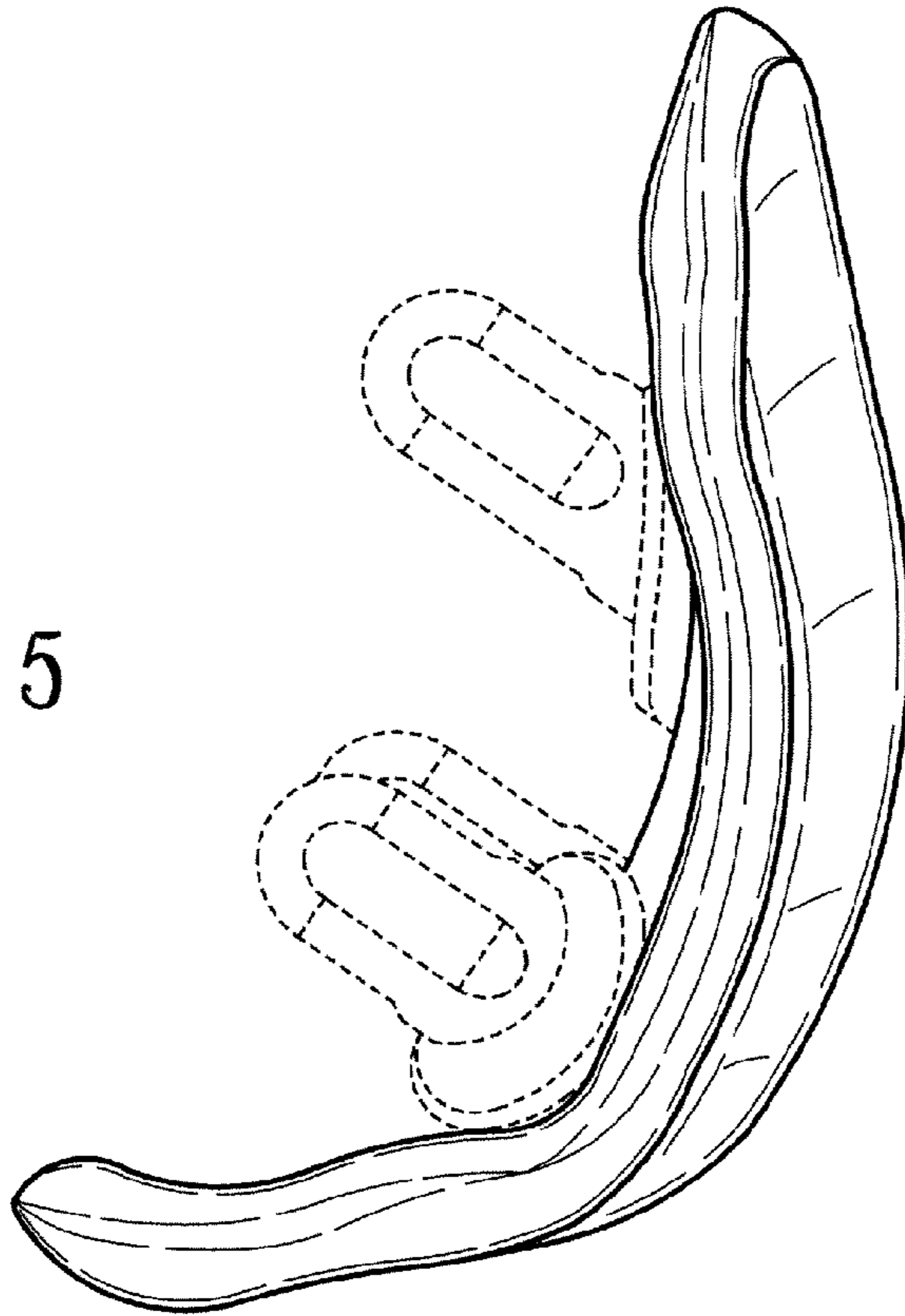
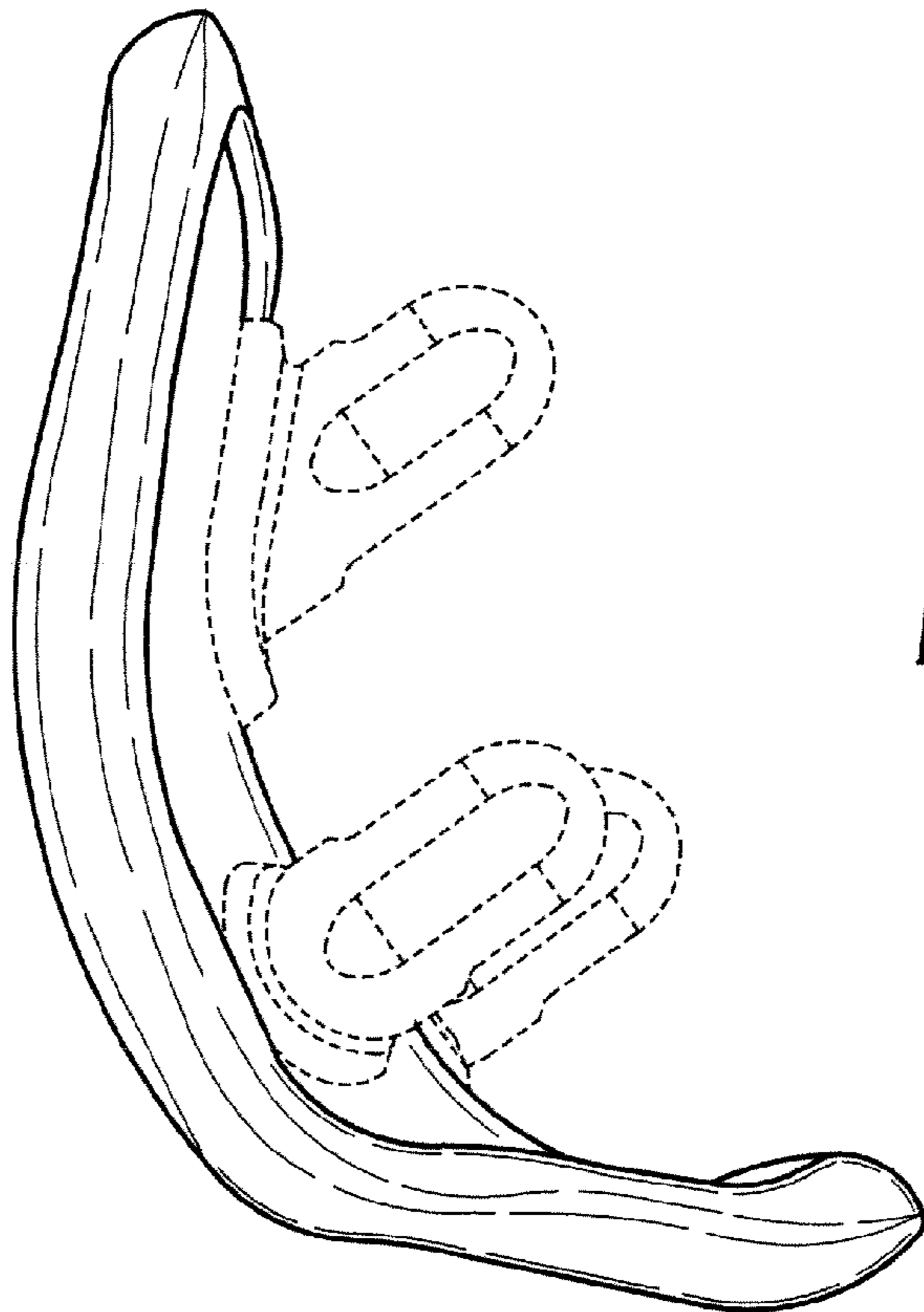


Fig. 6



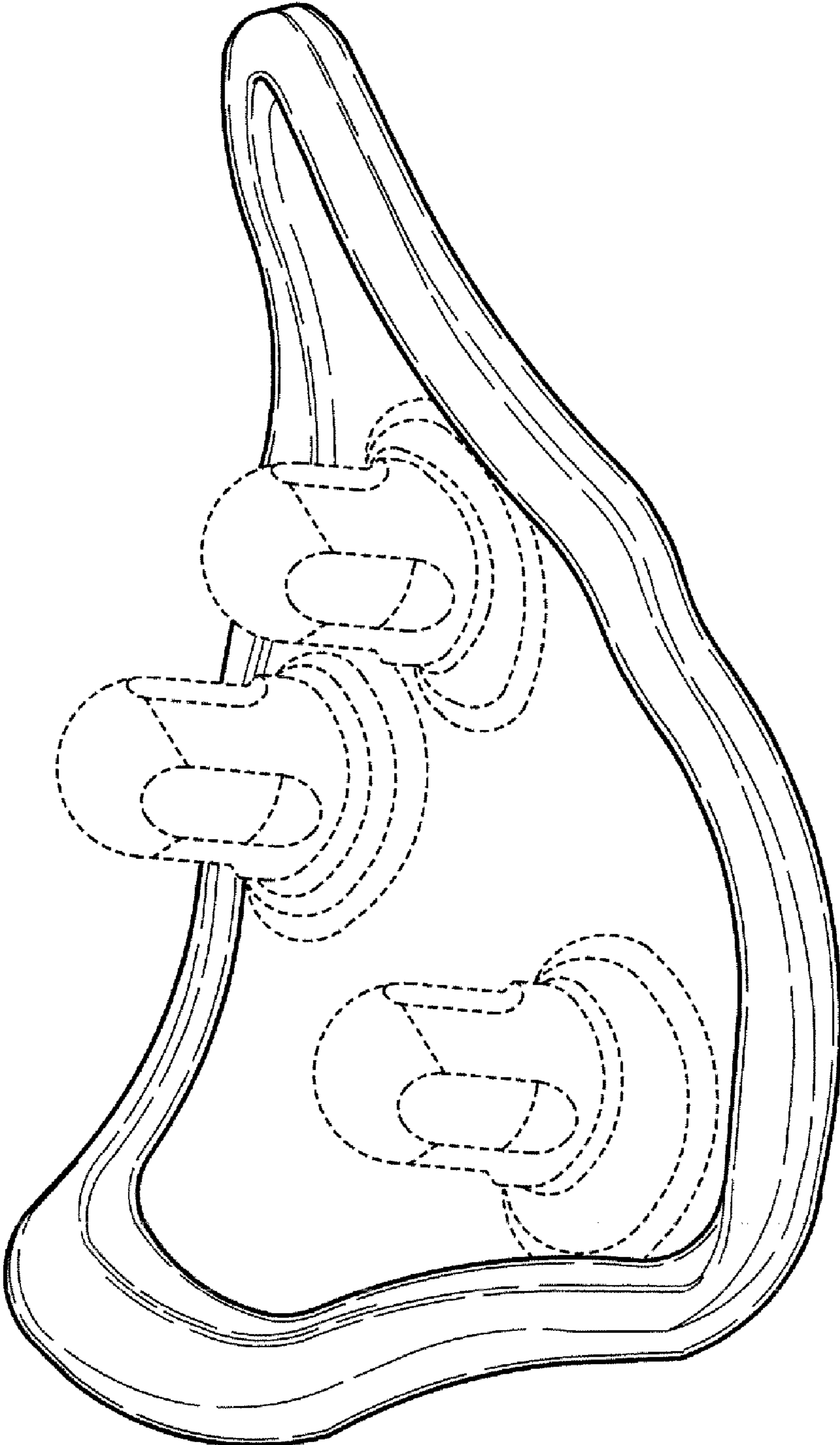


Fig. 7