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

(10) **Patent No.:** **US D625,415 S**
(45) **Date of Patent:** **** Oct. 12, 2010**

(54) **FEMORAL IMPLANT**

D326,156 S * 5/1992 Martinez D24/155
5,171,282 A * 12/1992 Pequignot 623/20.35

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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.:** **29/338,104**

(22) **Filed:** **Jun. 4, 2009**

(57) **CLAIM**

The ornamental design for a femoral implant, as shown and described.

Related U.S. Application Data

(63) Continuation of application No. 29/329,712, filed on Dec. 19, 2008, now abandoned, and a continuation of application No. 29/329,715, filed on Dec. 19, 2008, now abandoned.

DESCRIPTION

FIG. 1 is a top plan view of a femoral implant showing our new design;

(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.

FIG. 2 is a bottom plan view of the femoral implant;

FIG. 3 is a front elevational view of the femoral implant;

FIG. 4 is a back elevational view of the femoral implant;

FIG. 5 is a side elevational view of the femoral implant;

FIG. 6 is an opposite side elevational view of the femoral implant; and,

FIG. 7 is a perspective view of the femoral implant.

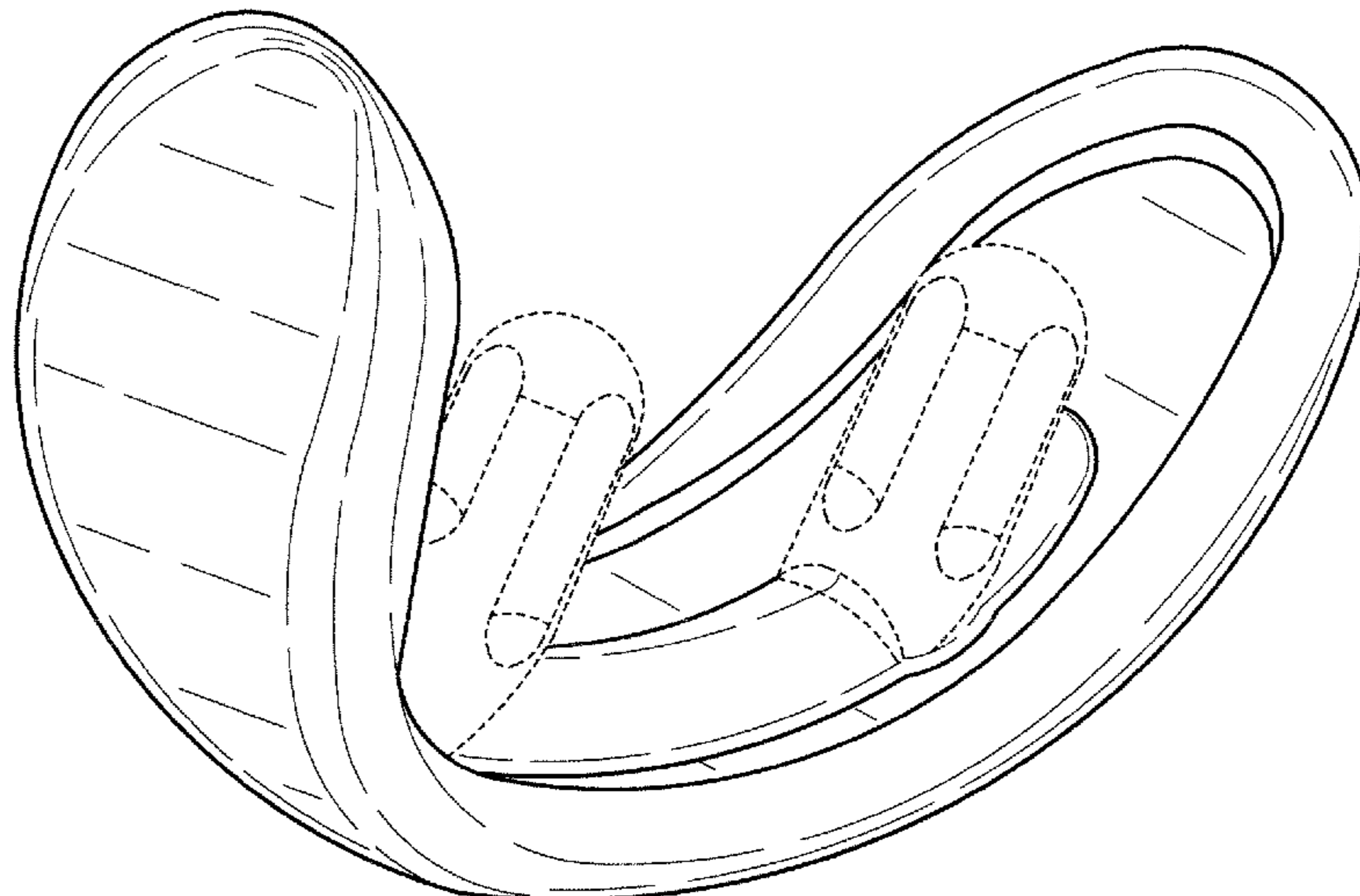
The broken lines shown in the drawings illustrate structural environment and form no part of the claimed design.

(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

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

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
D473,307	S *	4/2003	Cooke	D24/155
6,712,856	B1 *	3/2004	Carignan et al.	623/20.35
6,942,475	B2 *	9/2005	Ensign et al.	623/901
7,429,346	B2 *	9/2008	Ensign et al.	264/264

OTHER PUBLICATIONS

Smith & Nephew “Journey Uni Unicompartmental Knee System” Advertising Brochure © 2008 Smith & Nephew, Inc. 7128-1442 40453301 Jun. 2008.

DePUY Orthopaedics Inc. “Preservation Uni-Compartmental Knee” Advertising Brochure © 2004 DePuy Orthopaedics, Inc. 3M1004 0612-93-500.

Zimmer “Unicompartmental High Flex Knee System—High-Flex Solutions for the MIS™ Era”, Product Information www.zimmer.com.

Zimmer “The M/G™ Unicompartmental Knee Minimally Invasive Surgical Technique—Intramedullary Surgical Approach” © 2002 Zimmer, Inc. 97-5791-02 26 pp.

Zimmer “MIS™ Natural-Knees® II Unicompartmental Knee System—Bone Conserving”, Product Information © 2004-2005 Zimmer, Inc.

Biomet Inc. “Repicci II Unicondylar Program” Advertising Brochure Y-BMT 524R/041501/M.

Biomet Orthopedics, Inc. “The Oxford™ Unicompartmental Knee System”, Product Information Y-BMT-886/071504/M © 2004 Biomet Orthopedics, Inc.

Stelkast Company “Unicondylar Knee System” Product Information FM584—Rev. A, 5 pg.

Encore “Epik Uni-System™—Encore Performance in Knees”, Advertising Literature © 2006 Encore Medical, L.P. Cat 0010203-001 Mar. 2006 rev. A.

Smith & Nephew “Accuris Redefining the Uni Knee, Accurately.—Minimally Invasive Unicompartmental Knee System Surgical Technique”, © 2003 Smith & Nephew, Inc. 81006811 Rev. 0 Feb. 2003.

Wright Medical Technology “Advance® Unicompartmental Knee System—Removing the Guesswork Without Removing Quality Bone”, Product Literature, © 2002 Wright Medical Technology, Inc. MK638-102.

Cardo Medical, “Align 360 Unicompartmental Knee System” Product Literature © 2008 Cardo Medical LM-0008 Rev A.

* cited by examiner

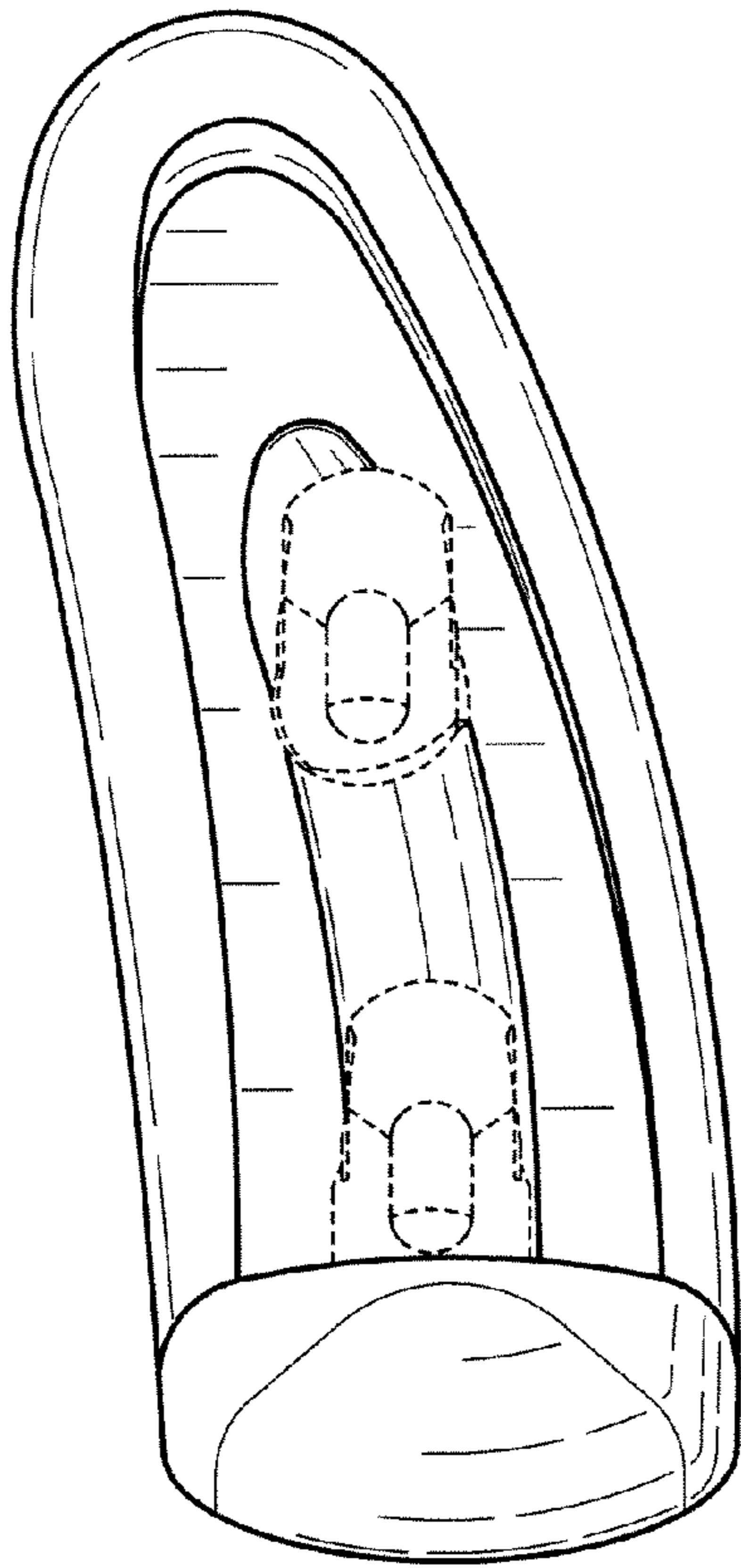


Fig. 1

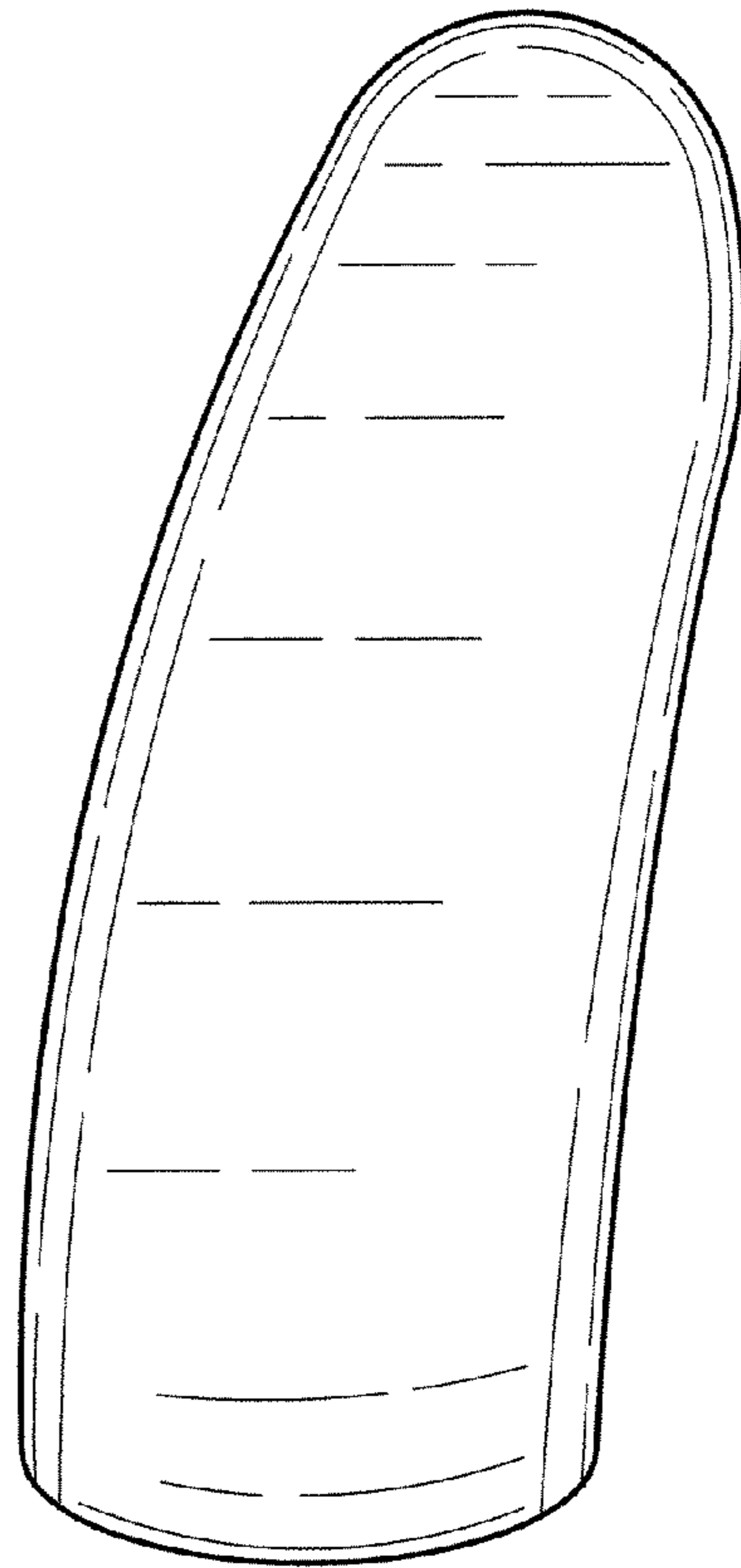


Fig. 2

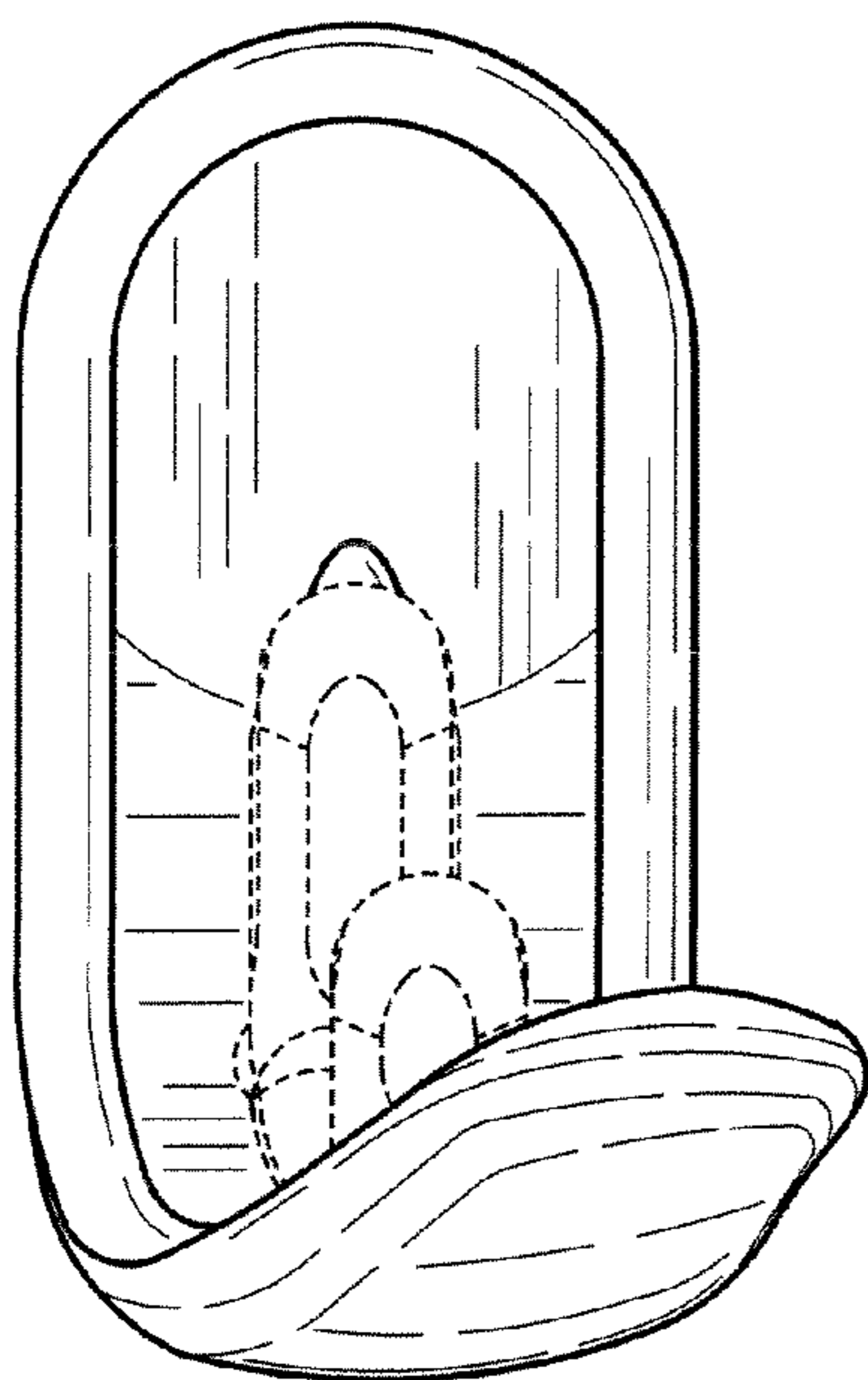


Fig. 3

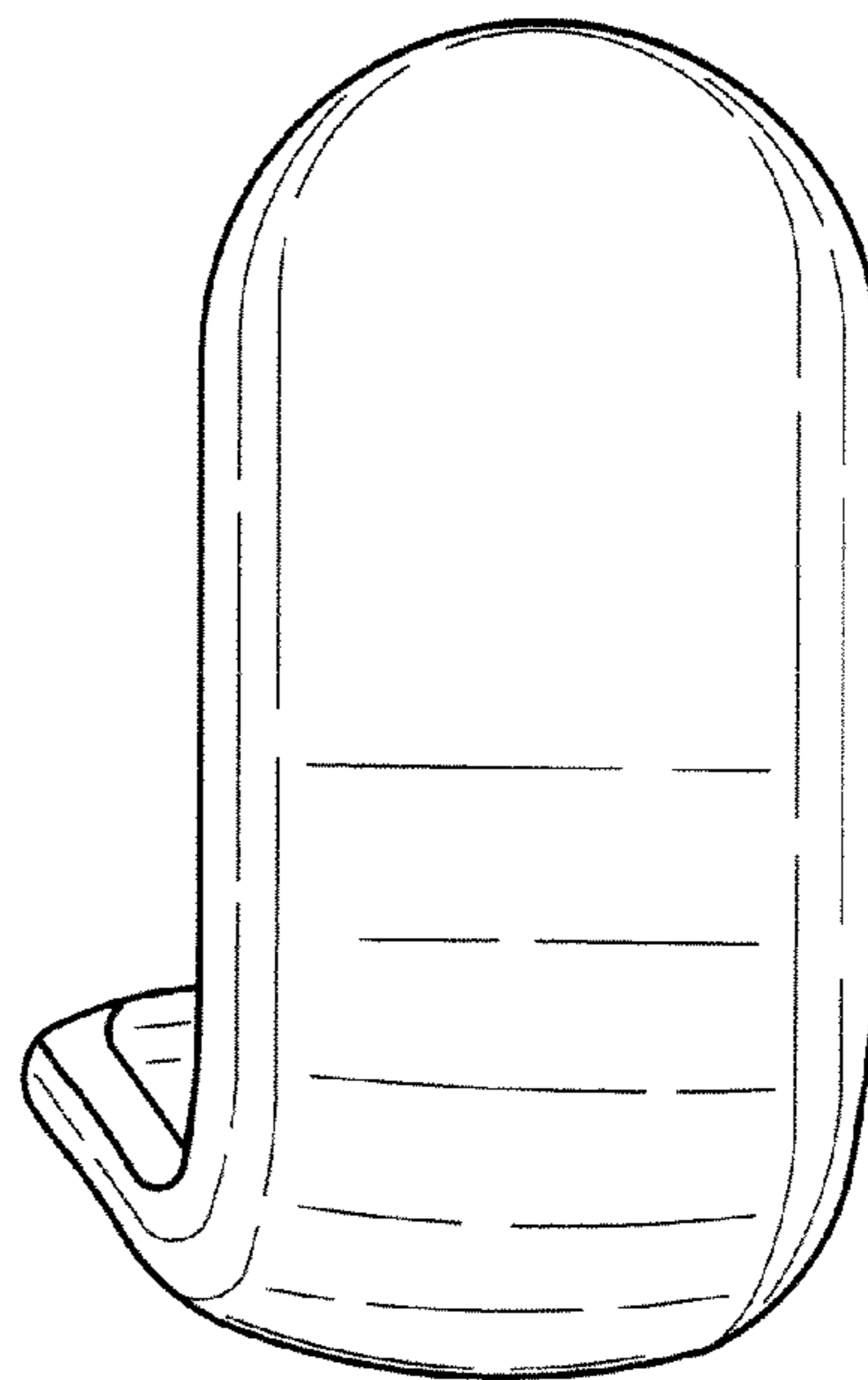


Fig. 4

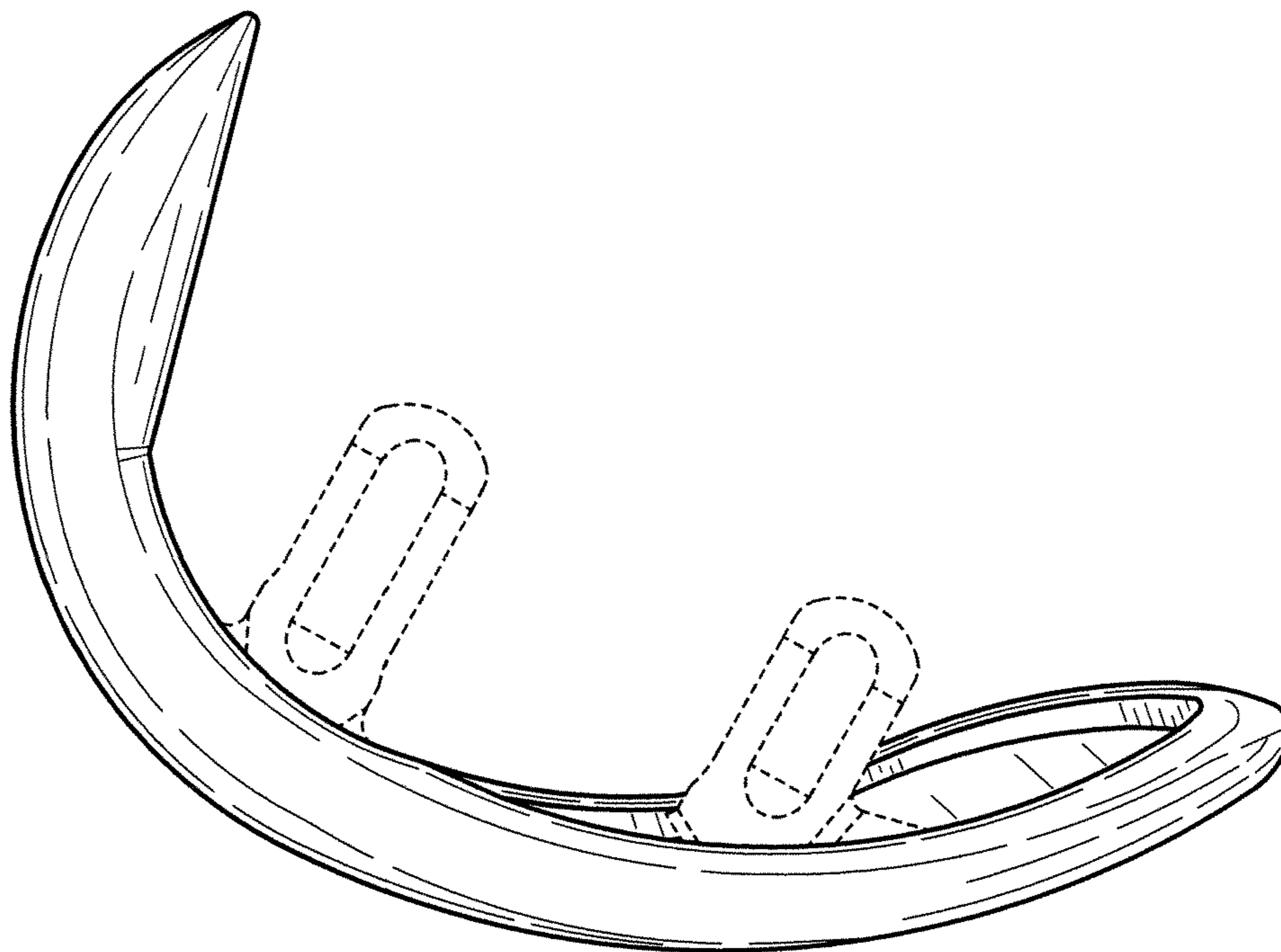


Fig. 5

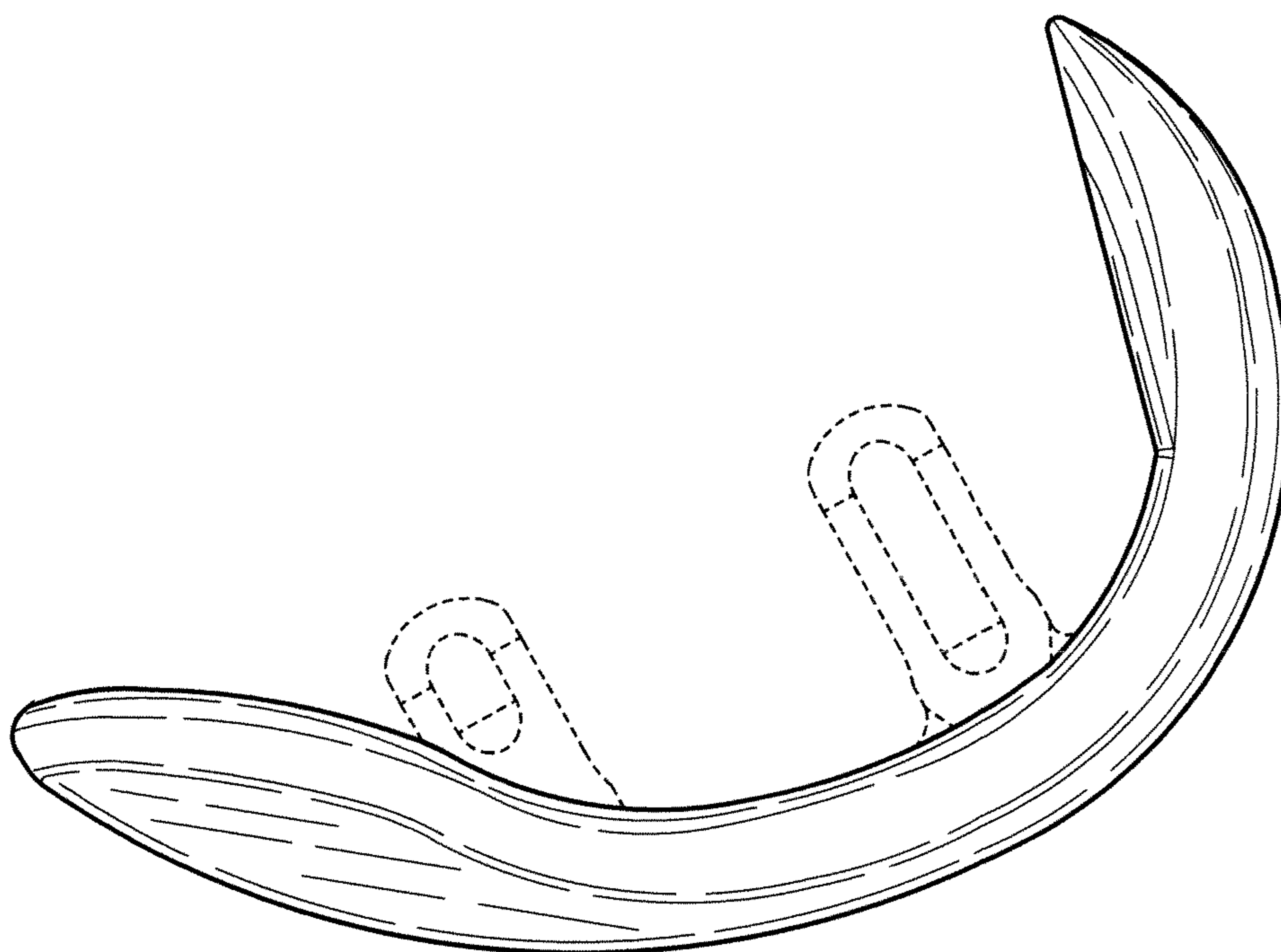


Fig. 6

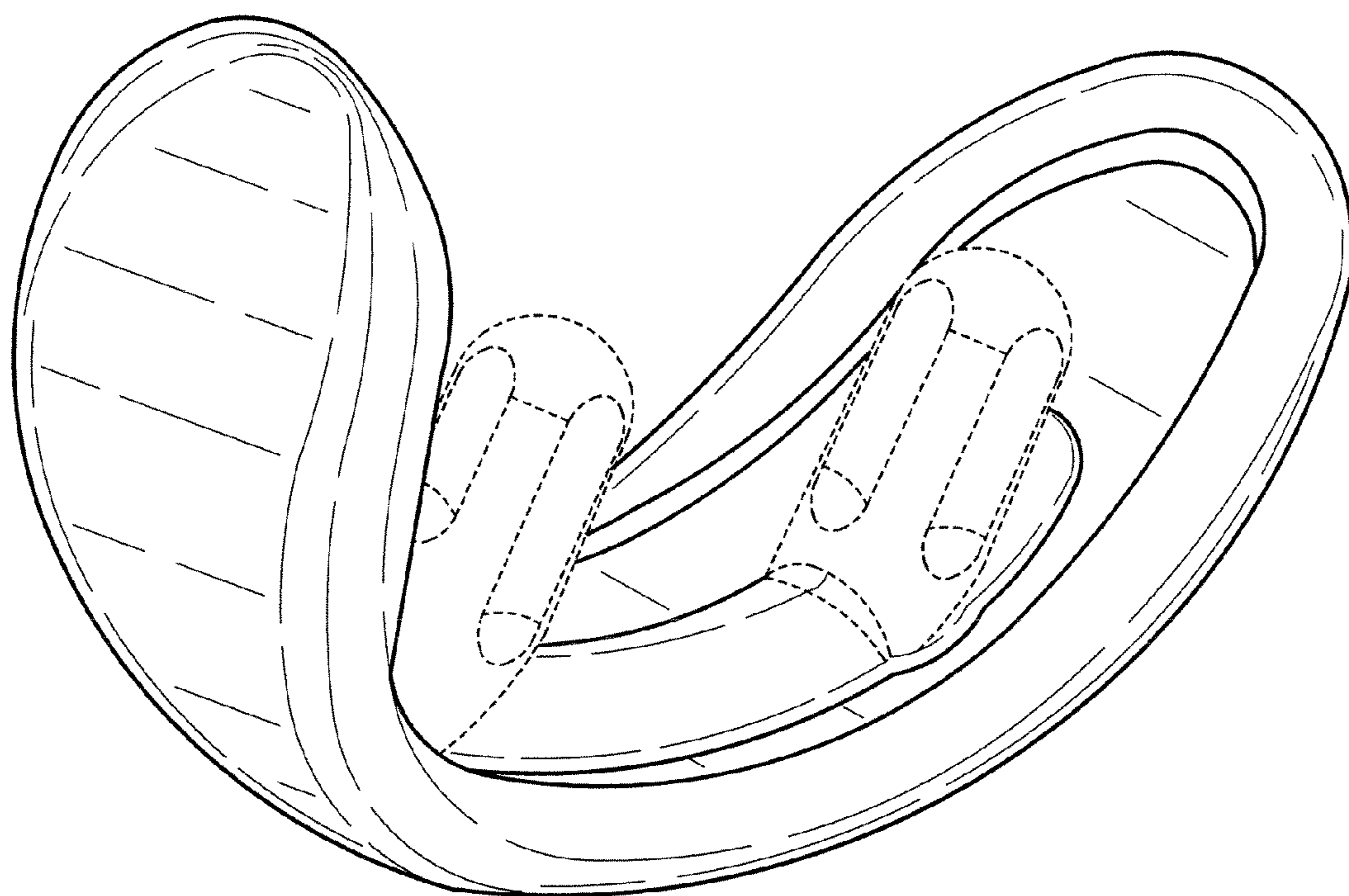


Fig. 7