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(12) **United States Design Patent** (10) **Patent No.:** **US D962,440 S**  
**Irwin et al.** (45) **Date of Patent:** **\*\* Aug. 30, 2022**

(54) **TIBIAL BASEPLATE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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3,816,855 A 6/1974 Saleh  
3,869,731 A 3/1975 Waugh et al.  
(Continued)

FOREIGN PATENT DOCUMENTS

EP 1 174 099 1/2002  
FR 2676916 12/1992  
GB 2 464 862 5/2010

OTHER PUBLICATIONS

International Search Report and Written Opinion for International Application No. PCT/US2012/070531, dated May 27, 2013, 18 pages.

(Continued)

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(\*\*) Term: **15 Years**

(57) **CLAIM**

We claim the ornamental design for a tibial baseplate, as shown and described.

(21) Appl. No.: **29/675,578**

**DESCRIPTION**

(22) Filed: **Jan. 3, 2019**

**Related U.S. Application Data**

(60) Division of application No. 29/544,882, filed on Nov. 6, 2015, now Pat. No. Des. 841,810, which is a (Continued)

(51) **LOC (13) Cl.** ..... **24-03**

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

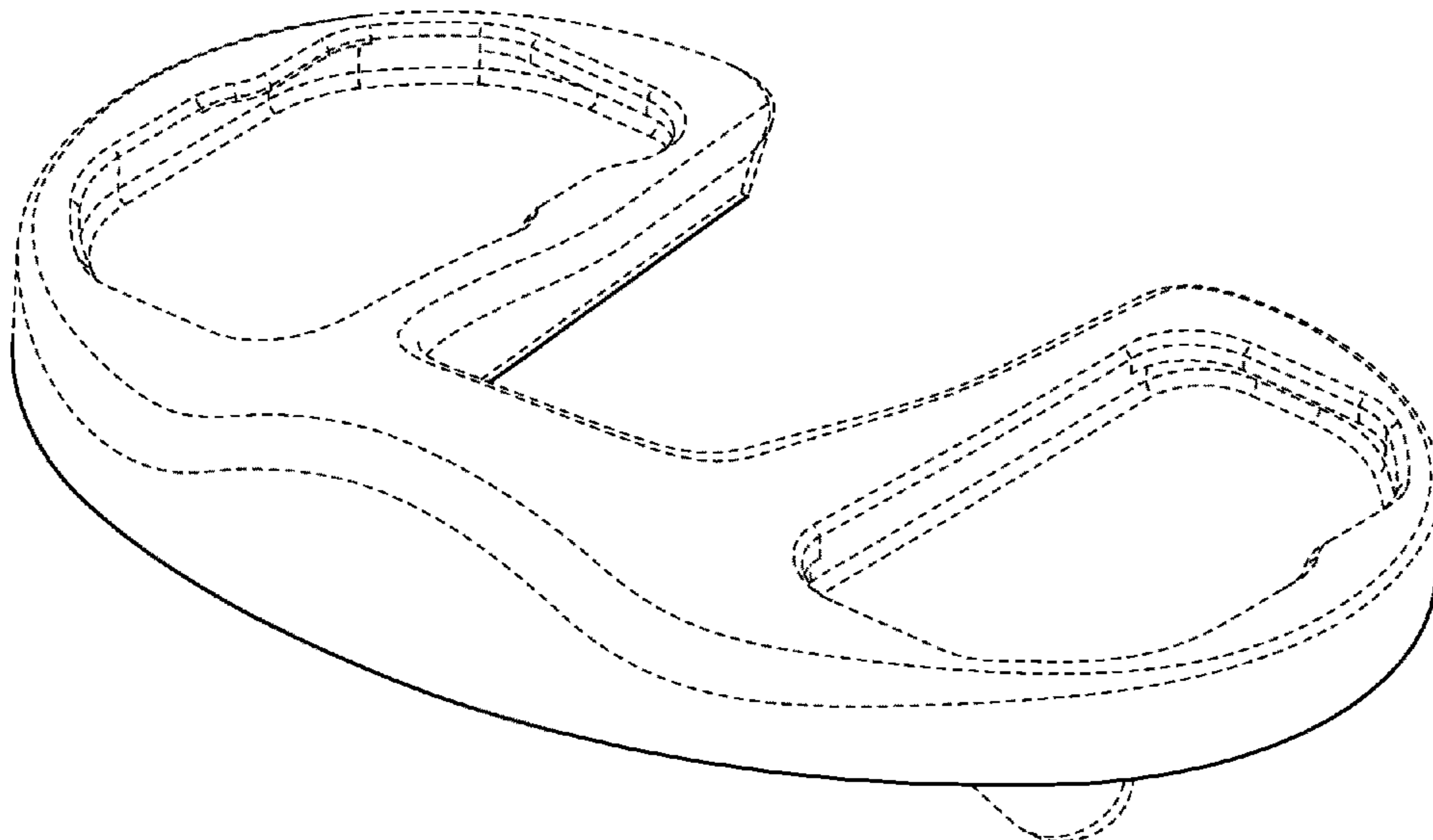
(58) **Field of Classification Search**  
USPC ..... D24/155

(Continued)

FIG. 1 is a front perspective view from above of the claimed design according to an embodiment; FIG. 2 is a front view of the claimed design of FIG. 1; FIG. 3 is a rear side view of the claimed design of FIG. 1; FIG. 4 is a right side view of the claimed design of FIG. 1; FIG. 5 is a left side view of the claimed design of FIG. 1; FIG. 6 is a top view of the claimed design of FIG. 1; FIG. 7 is a bottom view of the claimed design of FIG. 1; and, FIG. 8 is a front perspective view from below of the claimed design on FIG. 1.

The ornamental design which is claimed is shown in solid lines in the drawings. The broken lines in the drawings are for illustrative purposes only and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



**Related U.S. Application Data**

division of application No. 29/466,144, filed on Sep. 4, 2013, now Pat. No. Des. 744,103, which is a continuation-in-part of application No. 13/340,636, filed on Dec. 29, 2011, now Pat. No. 9,649,195, and a continuation-in-part of application No. 13/340,645, filed on Dec. 29, 2011, now Pat. No. 8,911,501.

(58) **Field of Classification Search**

CPC ..... A61F 2/3859; A61F 2/38; A61F 2/389; A61F 2/3886; A61F 2/60; A61F 2/06; A61F 2/66; A61F 2/76; A61F 2310/00023  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,207,627	A	6/1980	Cloutier	
4,586,933	A	5/1986	Shoji et al.	
4,659,331	A	4/1987	Matthews et al.	
D291,003	S	7/1987	Huckster	
4,944,756	A	7/1990	Kenna	
5,037,439	A	8/1991	Albrektsson et al.	
D326,156	S	5/1992	Martinez	
5,137,536	A	8/1992	Koshino	
D346,218	S	4/1994	White	
D358,211	S	5/1995	Cohen	
D358,647	S	5/1995	Cohen et al.	
D369,863	S	5/1996	Hayes	
D373,825	S	9/1996	Hayes	
D374,078	S	9/1996	Johnson et al.	
5,681,354	A	10/1997	Eckhoff	
5,702,460	A	12/1997	Carls et al.	
D473,307	S	4/2003	Cooke	
6,969,393	B2	11/2005	Pinczewski et al.	
D625,415	S	10/2010	Otto et al.	
D626,234	S	10/2010	Otto et al.	
7,918,893	B2	4/2011	Romeis et al.	
D649,639	S	11/2011	Bertoni et al.	
8,066,776	B2	11/2011	O'Connor et al.	
8,137,407	B2	3/2012	Todd et al.	
8,163,028	B2	4/2012	Metzger et al.	
D661,808	S	6/2012	Kang	
8,292,965	B2	10/2012	Walker	
8,403,994	B2 *	3/2013	Maloney ..... A61F 2/389 623/20.14	
8,529,631	B2	9/2013	Donno et al.	
8,715,359	B2	5/2014	Deffenbaugh et al.	
D744,103	S	11/2015	Irwin et al.	
D745,158	S	12/2015	Irwin et al.	
D752,222	S	3/2016	Robichaud et al.	
D753,307	S	4/2016	Robichaud et al.	
D755,971	S	5/2016	Dacus	

9,345,578	B2	5/2016	Collazo et al.	
D781,422	S	3/2017	Hahn et al.	
D808,524	S	1/2018	Robichaud	
9,943,320	B2	4/2018	Klein et al.	
D841,810	S	2/2019	Irwin et al.	
10,231,840	B2 *	3/2019	Servidio ..... A61F 2/389	
D854,157	S	7/2019	Irwin et al.	
D856,518	S *	8/2019	Dacus ..... D24/155	
D884,179	S	5/2020	Servidio	
D905,246	S *	12/2020	Irwin ..... D24/155	
2004/0153162	A1	8/2004	Sanford et al.	
2004/0193280	A1	9/2004	Webster et al.	
2005/0125068	A1 *	6/2005	Hozack ..... A61F 2/389 623/20.32	
2006/0004460	A1	1/2006	Engh et al.	
2006/0184176	A1	8/2006	Straszheim-Morley et al.	
2008/0119941	A1 *	5/2008	Seo ..... A61F 2/461 623/20.32	
2008/0215059	A1	9/2008	Carignan et al.	
2009/0062925	A1	3/2009	Samuelson	
2009/0076604	A1	3/2009	Linares	
2010/0016980	A1	1/2010	Donno et al.	
2010/0016987	A1	1/2010	Scrafton et al.	
2010/0076567	A1	3/2010	Justin et al.	
2010/0131071	A1 *	5/2010	O'Connor ..... A61F 2/3868 623/20.32	
2010/0305710	A1	12/2010	Metzger et al.	
2011/0106268	A1	5/2011	Deffenbaugh et al.	
2011/0190898	A1	8/2011	Lenz et al.	
2011/0264097	A1	10/2011	Hodorek et al.	
2012/0078262	A1	3/2012	Pinczewski et al.	
2012/0179266	A1	7/2012	Collazo	
2012/0209394	A1	8/2012	Bojarski et al.	
2012/0323337	A1	12/2012	Parisi et al.	
2013/0245777	A1 *	9/2013	Jerry ..... A61F 2/38 623/20.31	

OTHER PUBLICATIONS

International Search Report and Written Opinion for International Application No. PCT/US2012/070930, dated May 27, 2013, 16 pages.  
Invitation to Pay Additional Fees and Communication Relating to the Results of the Partial International Search for International Application No. PCT/US2012/070531, dated Mar. 6, 2013, 7 pages.  
Invitation to Pay Additional Fees and Partial International Search for International Application No. PCT/US2012/070930, dated Mar. 22, 2013, 6 pages.  
Pritchett, James W., BioPro: Equalizer Modular Total Knee Replacement, available at least as early as 1999, 19 pages.  
Townley, Charles O., Total Knee Arthroplasty: A Personal Retrospective and Prospective Review, Clinical Orthopaedics and Related Research, No. 236, 1988, 15 pages.

\* cited by examiner

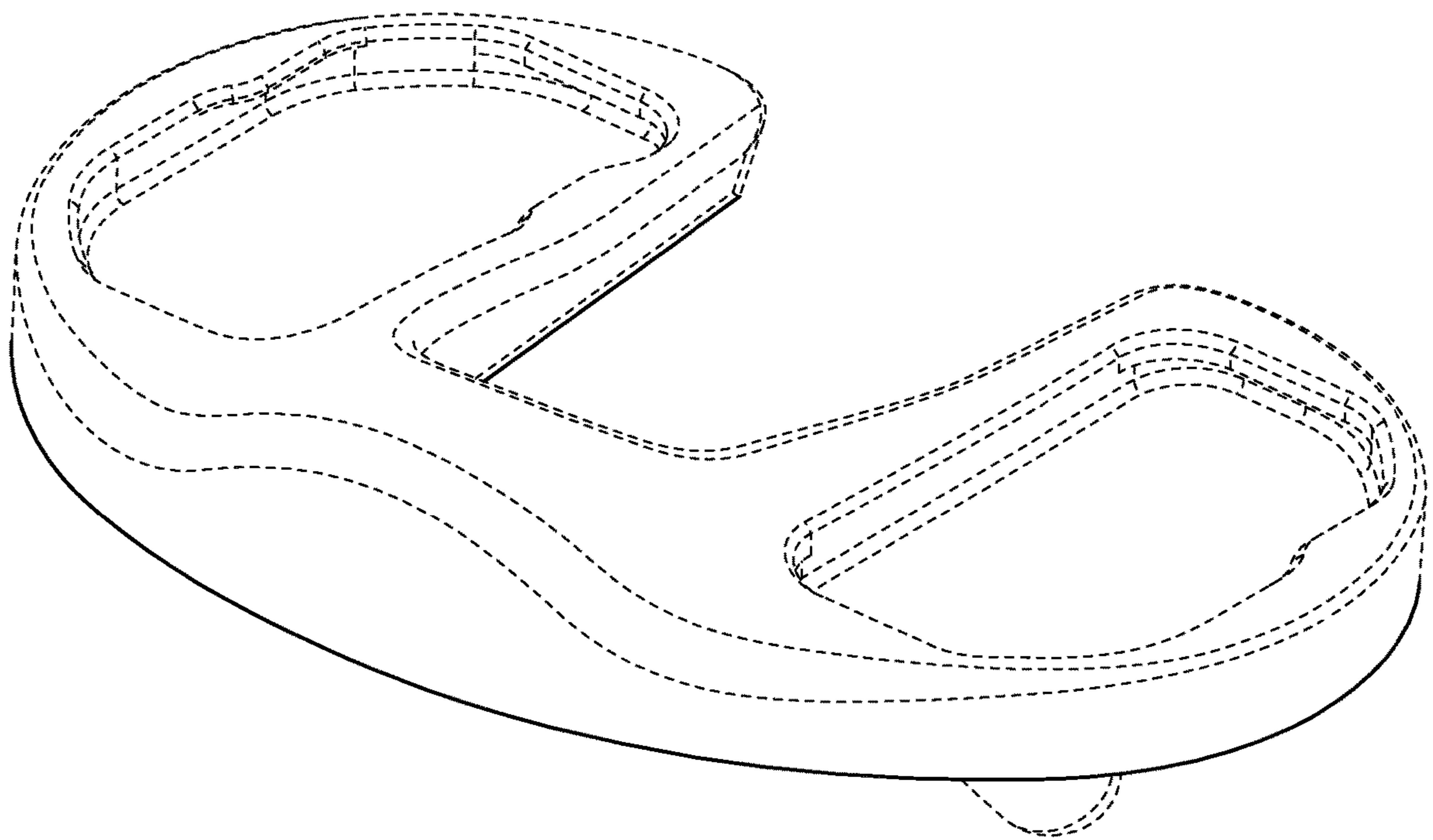


FIG. 1

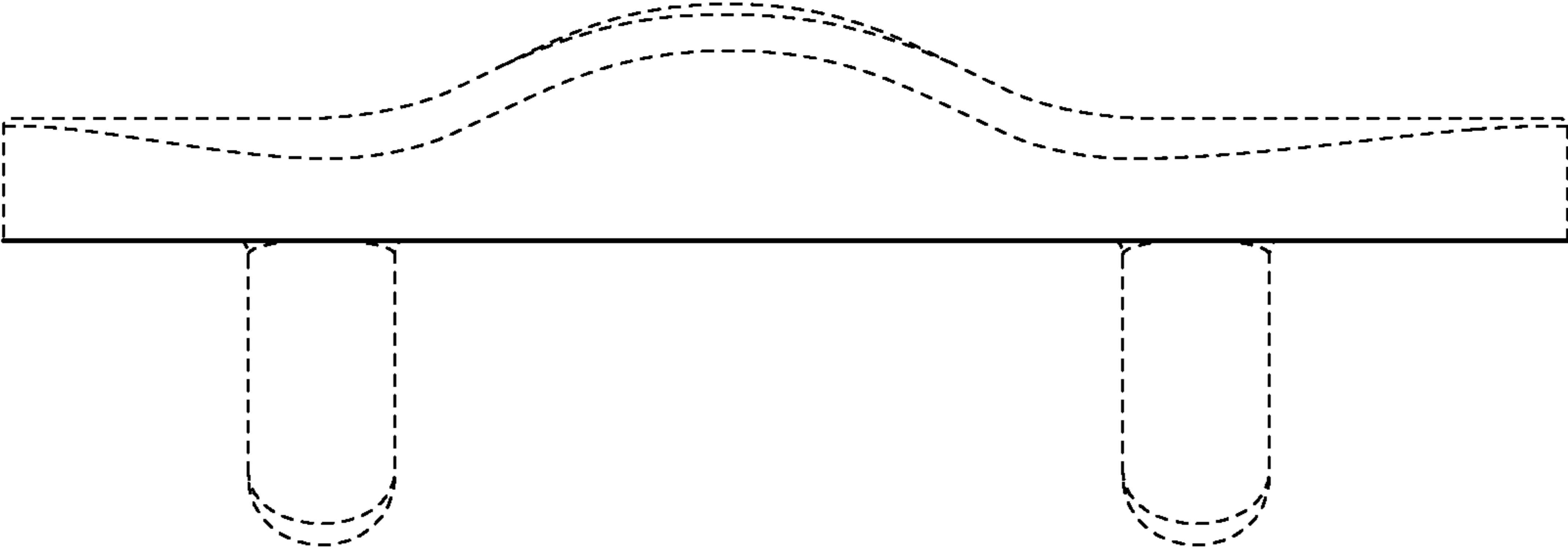


FIG. 2

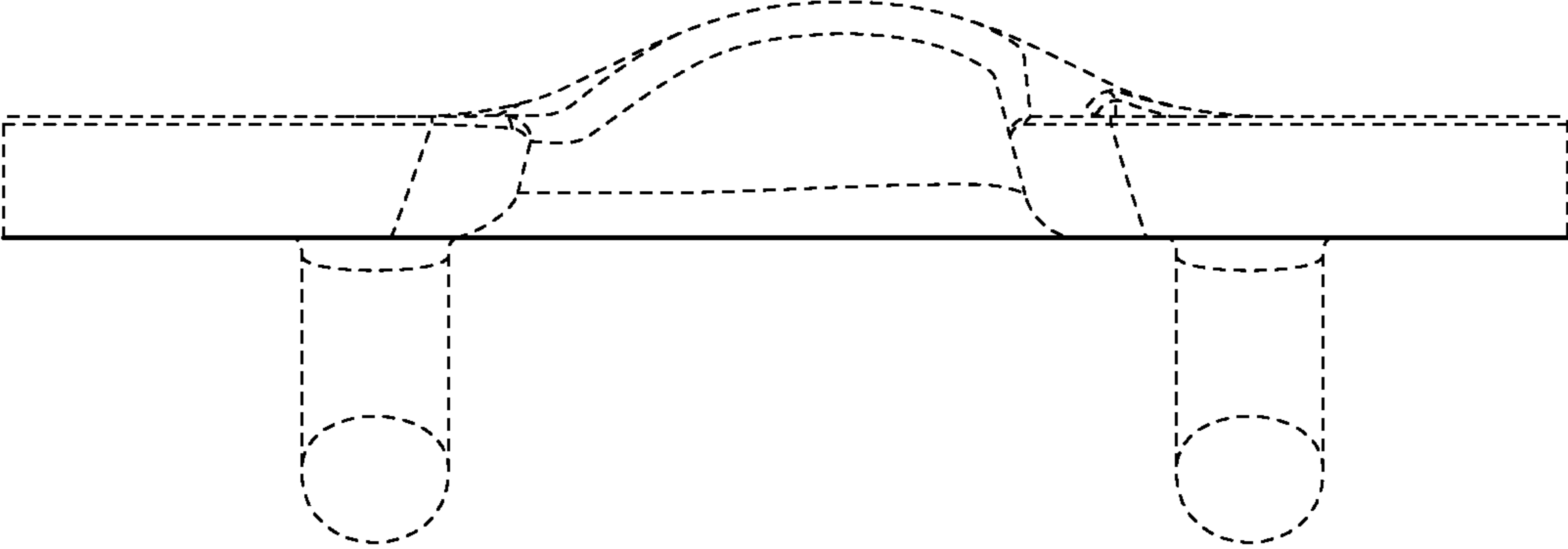
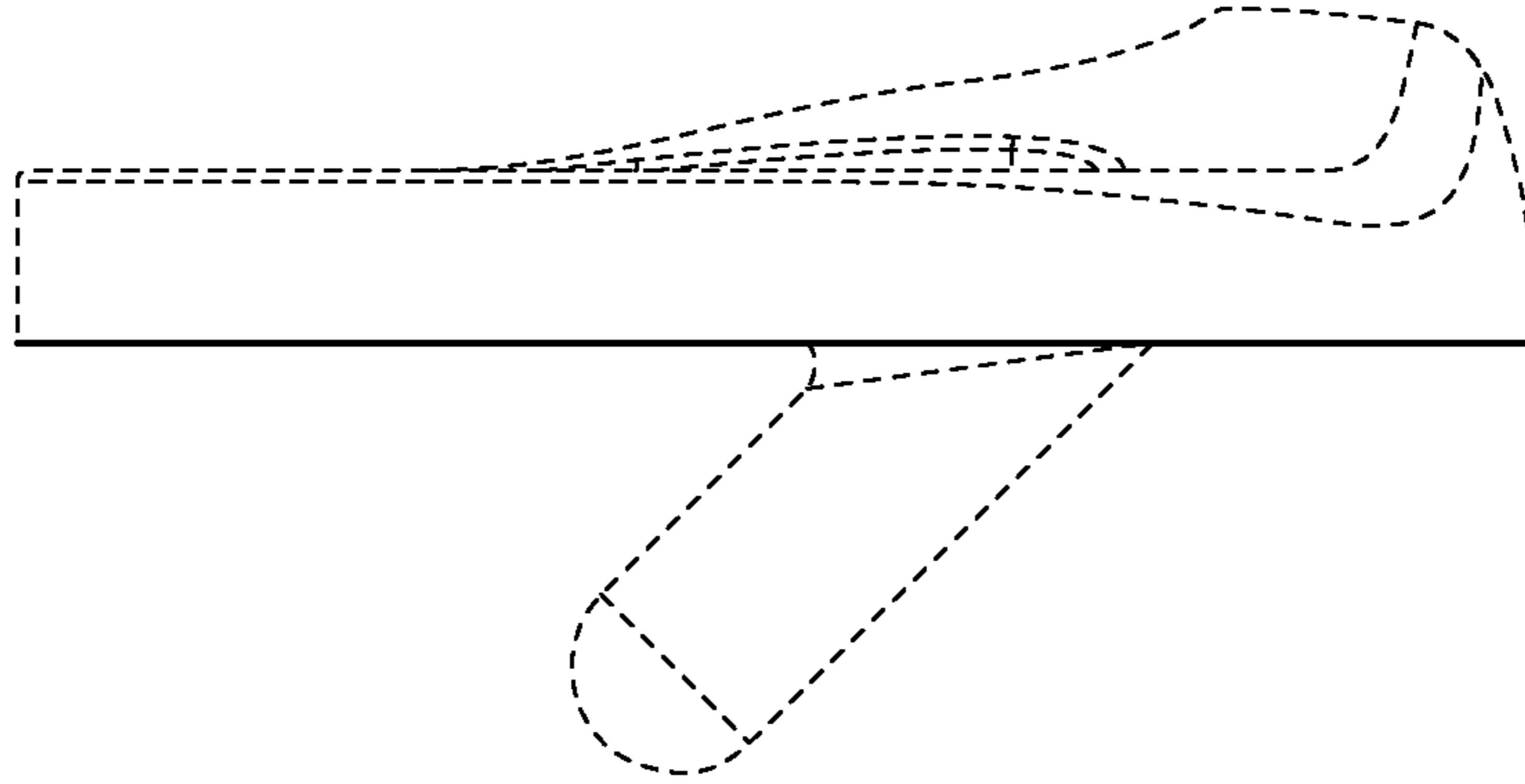
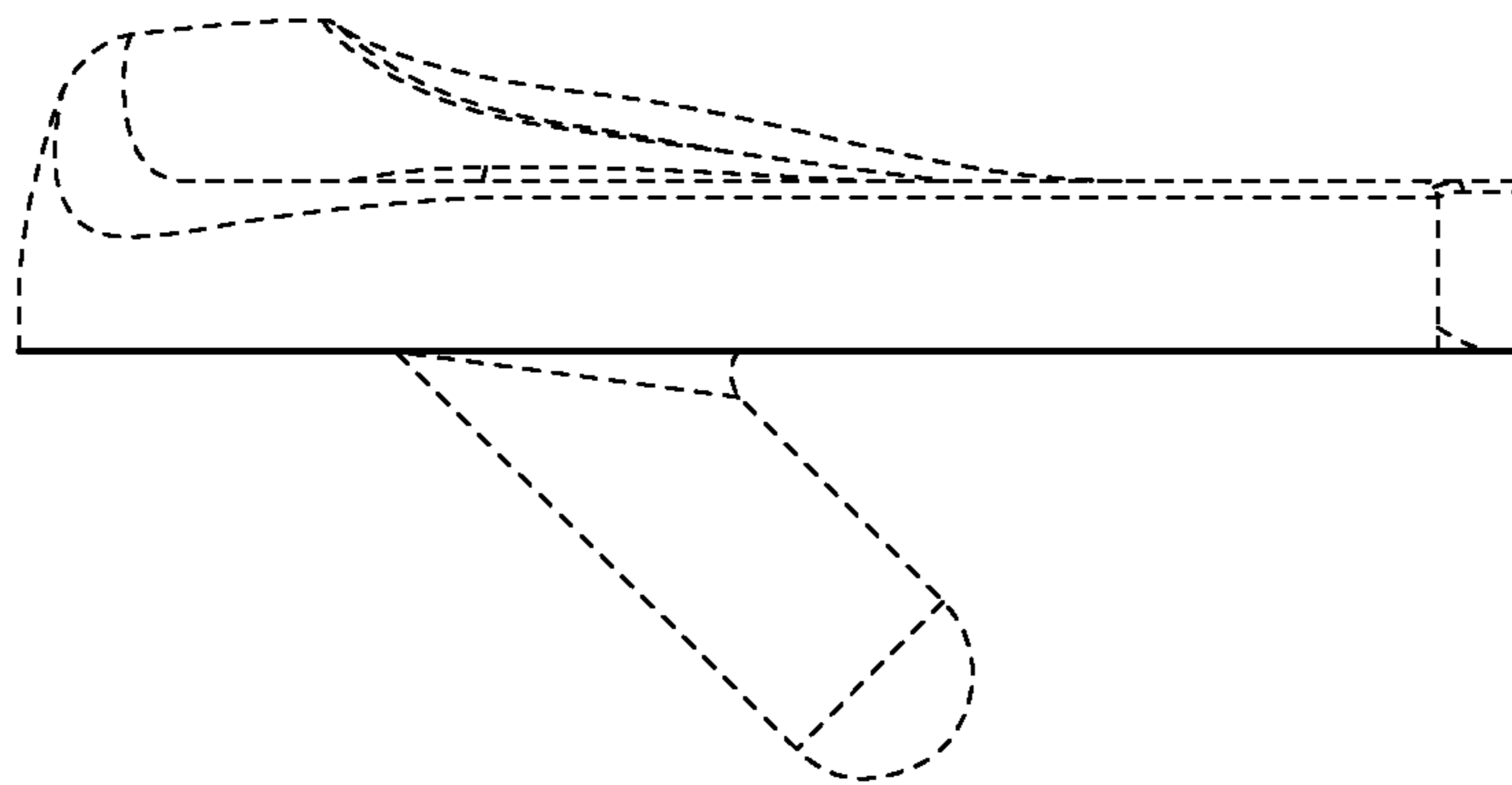


FIG. 3



**FIG. 4**



**FIG. 5**

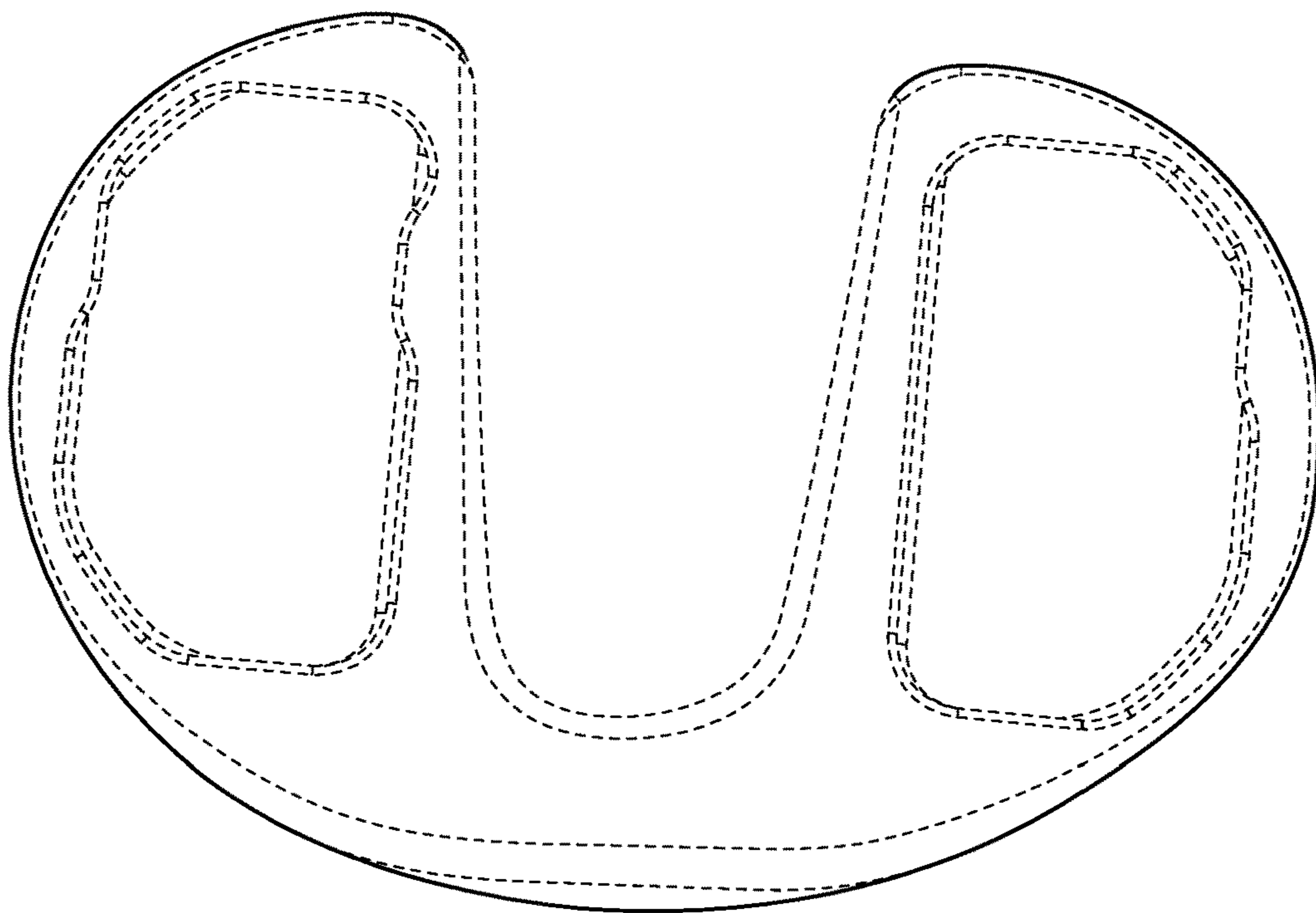


FIG. 6

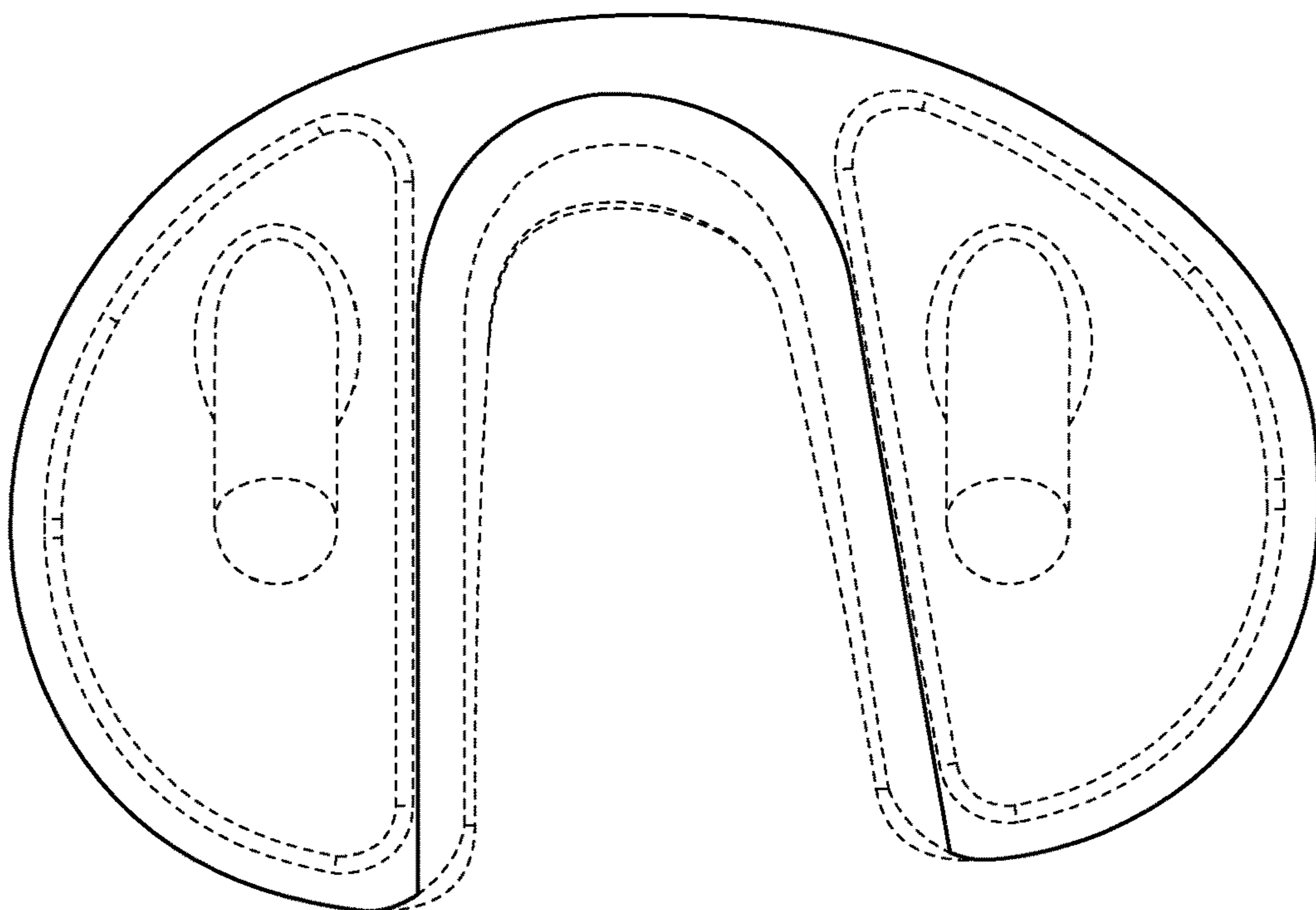
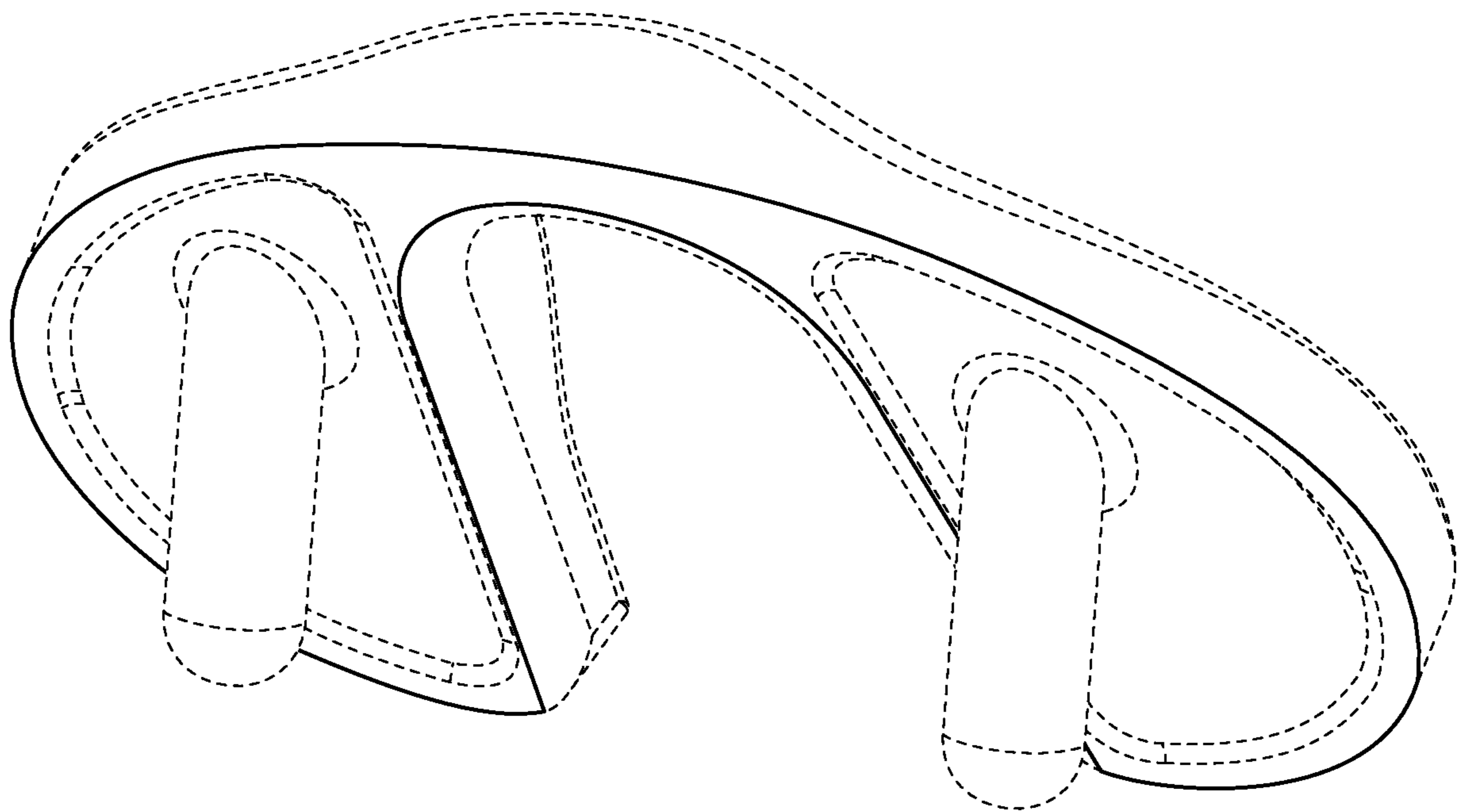


FIG. 7



**FIG. 8**