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(12) **United States Design Patent**
Miller

(10) **Patent No.:** **US D673,982 S**
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(54) **OPERATOR-VISIBLE WARNING SYMBOL ON A COUPLER**

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

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(51) **LOC (9) Cl.** **15-03**

(52) **U.S. Cl.** **D15/28**

(58) **Field of Classification Search** D15/10,
D15/17, 28, 32, 22-25; D8/382; 37/468;
414/272, 439; 172/443, 248, 272, 439; D14/489
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D219,917	S *	2/1971	Skinner	.....	D21/500
3,785,337	A *	1/1974	Flowerday	.....	116/209
3,905,677	A *	9/1975	Lindner et al.	.....	359/550
3,907,404	A *	9/1975	McEwin	.....	359/526
3,952,431	A	4/1976	Gledhill et al.		
4,337,614	A	7/1982	Briscoe		
4,613,847	A *	9/1986	Scolari et al.	.....	340/473
5,195,264	A *	3/1993	Johanson et al.	.....	40/591
D339,560	S *	9/1993	Byrd	.....	D12/203
D339,996	S *	10/1993	Rattley	.....	D10/104.1
5,303,668	A *	4/1994	Huang	.....	116/63 P
5,323,728	A *	6/1994	Hjelm	.....	116/63 T
5,349,920	A *	9/1994	Koizumi	.....	116/28 R
D354,490	S *	1/1995	Darbee et al.	.....	D14/218
5,630,673	A	5/1997	Krzywanos et al.		
5,677,790	A *	10/1997	Taglieri	.....	359/515
5,692,325	A	12/1997	Kuzutani		
D407,748	S *	4/1999	Tsang et al.	.....	D19/60
6,030,118	A *	2/2000	Schneider et al.	.....	374/160
6,284,198	B1 *	9/2001	Kirollos et al.	.....	422/87
6,446,571	B1 *	9/2002	Sloot	.....	116/63 P
6,537,006	B1	3/2003	Clark		
6,902,346	B2	6/2005	Steig et al.		

D509,534	S *	9/2005	Suzuki	.....	D18/50
6,996,926	B2	2/2006	Fatemi		
D524,826	S	7/2006	Boyapally et al.		
7,234,910	B2	6/2007	Boyapally et al.		
D551,684	S	9/2007	McClallen et al.		
7,306,395	B2	12/2007	Fatemi		
D583,778	S *	12/2008	Ohlert et al.	.....	D13/174
D584,244	S *	1/2009	Ohlert et al.	.....	D13/174
D594,438	S *	6/2009	Wada	.....	D14/149

(Continued)

FOREIGN PATENT DOCUMENTS

DE 9405014 U1 5/1994
(Continued)

OTHER PUBLICATIONS

Drawings. Alert Engineering Limited. (4 pages).
(Continued)

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(57) **CLAIM**

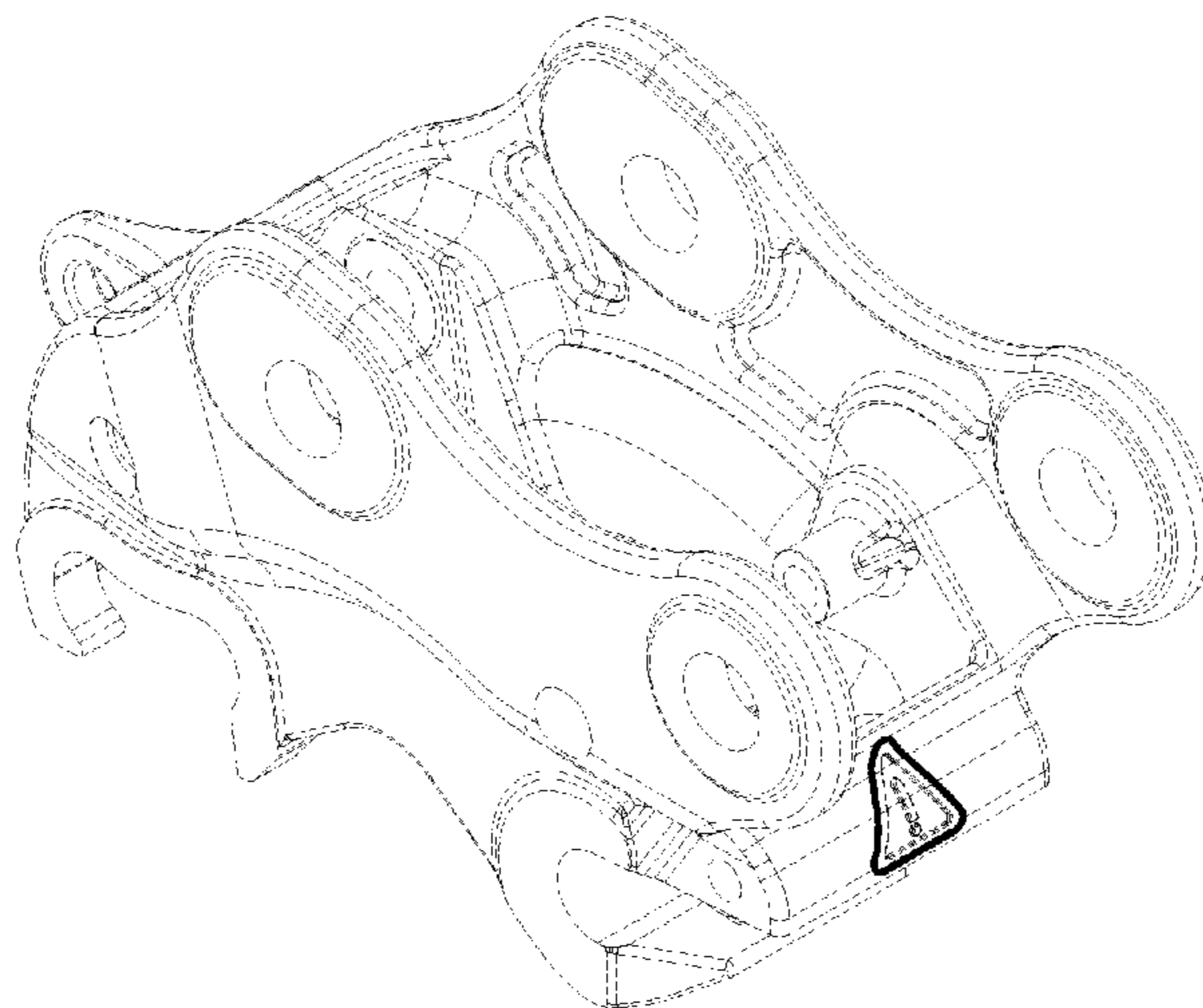
I claim the ornamental design for a “operator-visible warning symbol on a coupler,” as shown and described.

DESCRIPTION

FIG. 1 is a left perspective view of an operator visible warning symbol on a coupler showing my new design, the earth moving machine shown in broken line is for environmental purposes only and forms no part of the claimed design; FIG. 2 is a right perspective view thereof; FIG. 3 is an enlarged perspective view thereof; FIG. 4 is a top perspective view thereof; FIG. 5 is a side view thereof; FIG. 6 is a bottom perspective view thereof; and, FIG. 7 is a front view thereof.

The broken lines are only for illustrative purposes to show visible environmental structure and form no part of the claimed invention.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS

D611,917 S * 3/2010 Ohlert et al. D13/174
7,670,123 B2 * 3/2010 Cuny et al. 425/28.1
D620,916 S * 8/2010 Wada D14/149
7,931,613 B2 * 4/2011 Haueter et al. 604/66
7,937,866 B1 * 5/2011 Brown 40/591
7,944,371 B2 * 5/2011 Foote et al. 340/903
D640,227 S * 6/2011 Wada D14/149
8,004,428 B2 * 8/2011 Koenig 340/988
2004/0244575 A1 12/2004 Fatemi et al.
2005/0169703 A1 8/2005 Fatemi
2007/0020079 A1 1/2007 Boyapally et al.
2008/0175657 A1 7/2008 Fatemi
2009/0007465 A1 1/2009 Robl et al.
2010/0254755 A1 10/2010 Luyendijk et al.

FOREIGN PATENT DOCUMENTS

EP 0184282 A1 6/1986
EP 0306340 A1 3/1989
EP 0405813 A2 1/1991
EP 0769590 A2 4/1997
EP 1318242 A2 6/2003
EP 1473467 A1 11/2004
EP 1637659 A2 3/2006
EP 1318242 B1 10/2006
EP 1676006 B1 8/2007
EP 2119834 A2 11/2009
EP 2161378 A1 3/2010

FR 2914932 A1 10/2008
GB 2177674 A 1/1987
GB 2330570 A 4/1999
GB 2332417 A 6/1999
GB 2332417 B 5/2001
GB 2372979 A 9/2002
GB 2372979 B 3/2003
GB 2424637 A 10/2006
GB 2447809 A 9/2008
GB 2446485 B 1/2009
GB 2447809 B 2/2009
GB 2463158 A 3/2010
WO 2004016863 A1 2/2004
WO 2005026454 A1 3/2005
WO 2008031590 A2 3/2008
WO 2008031590 A3 7/2008
WO 2008138932 A2 11/2008
WO 2009009000 A2 1/2009

OTHER PUBLICATIONS

British Patent Application No. 0618034.3 filed Sep. 13, 2006. Hill Engineering Limited (36 pages).
British Patent Application No. 0620139.6 filed Oct. 11, 2006. Hill Engineering Limited (24 pages).
British Patent Application No. 0702372.4 filed Feb. 17, 2007. Hill Engineering Limited (36 pages).

* cited by examiner

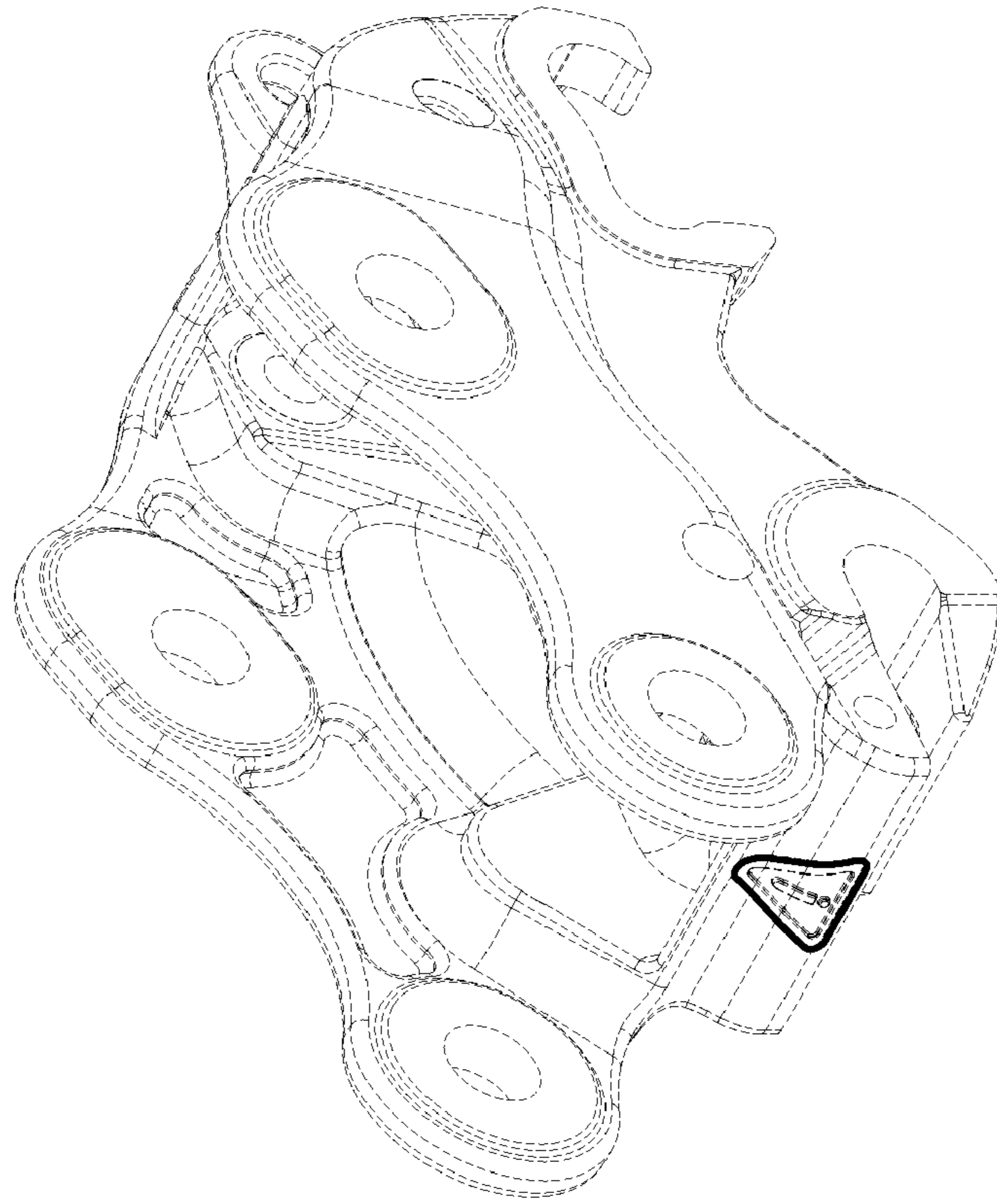


FIG. 2

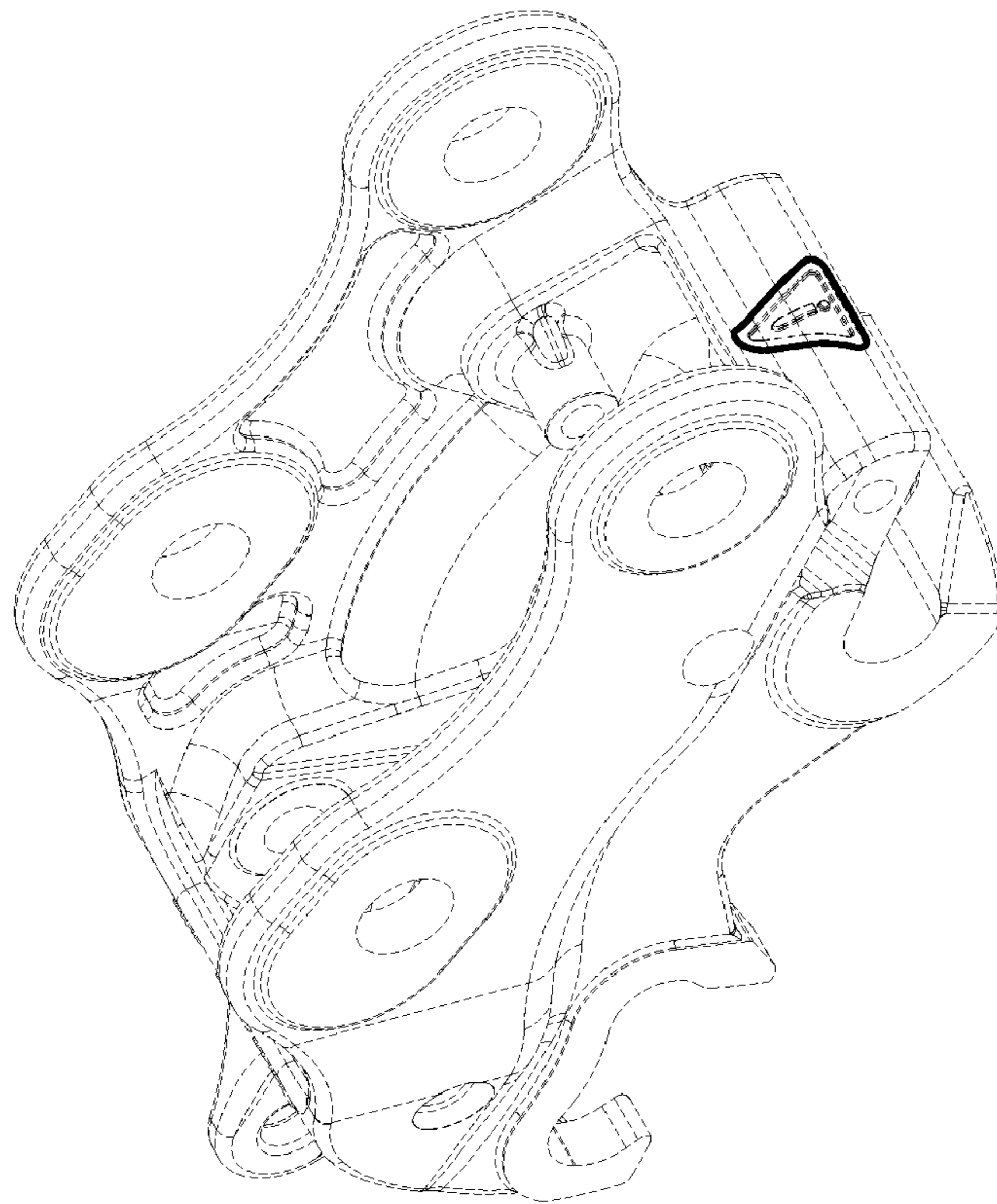


FIG. 1

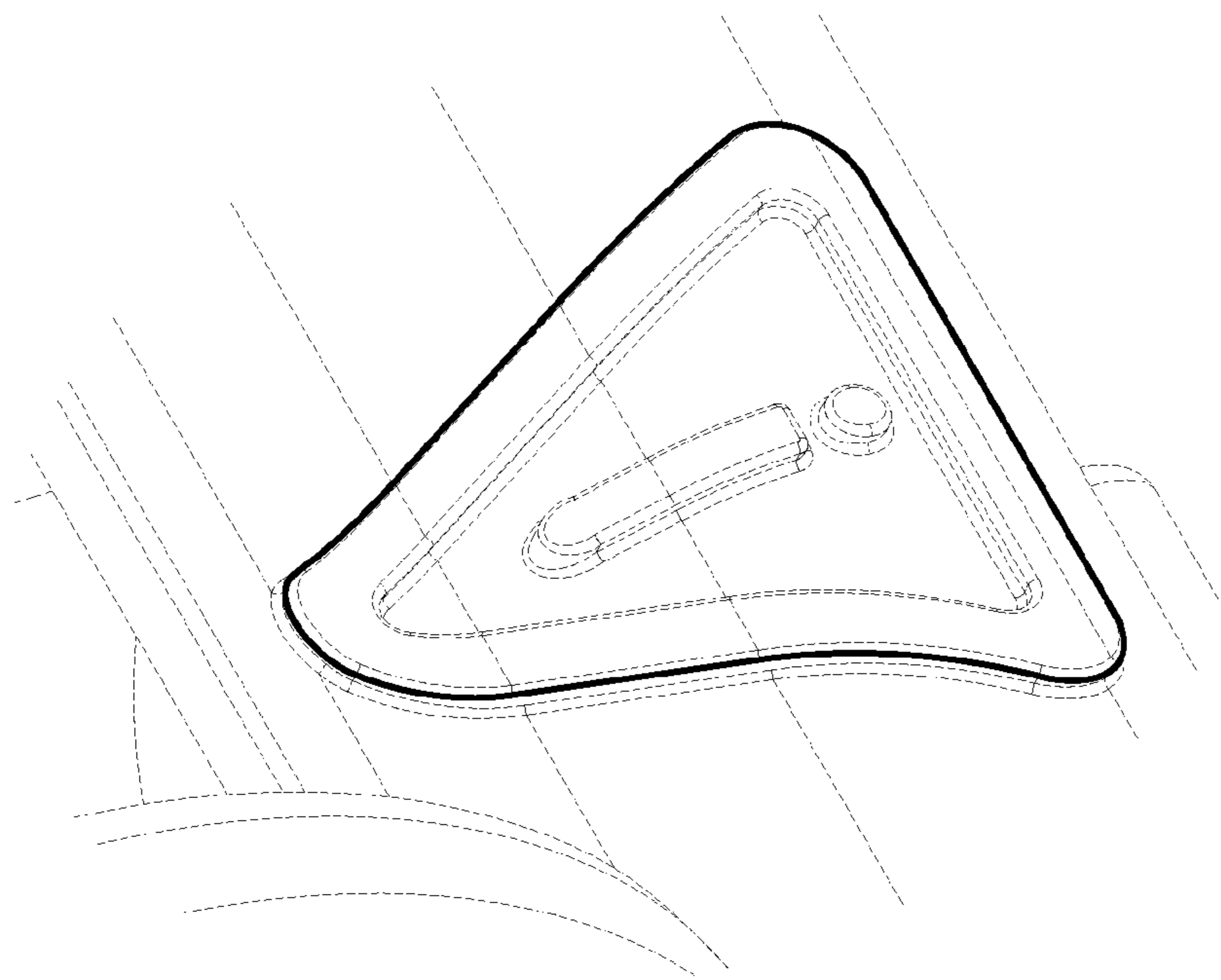


FIG. 3

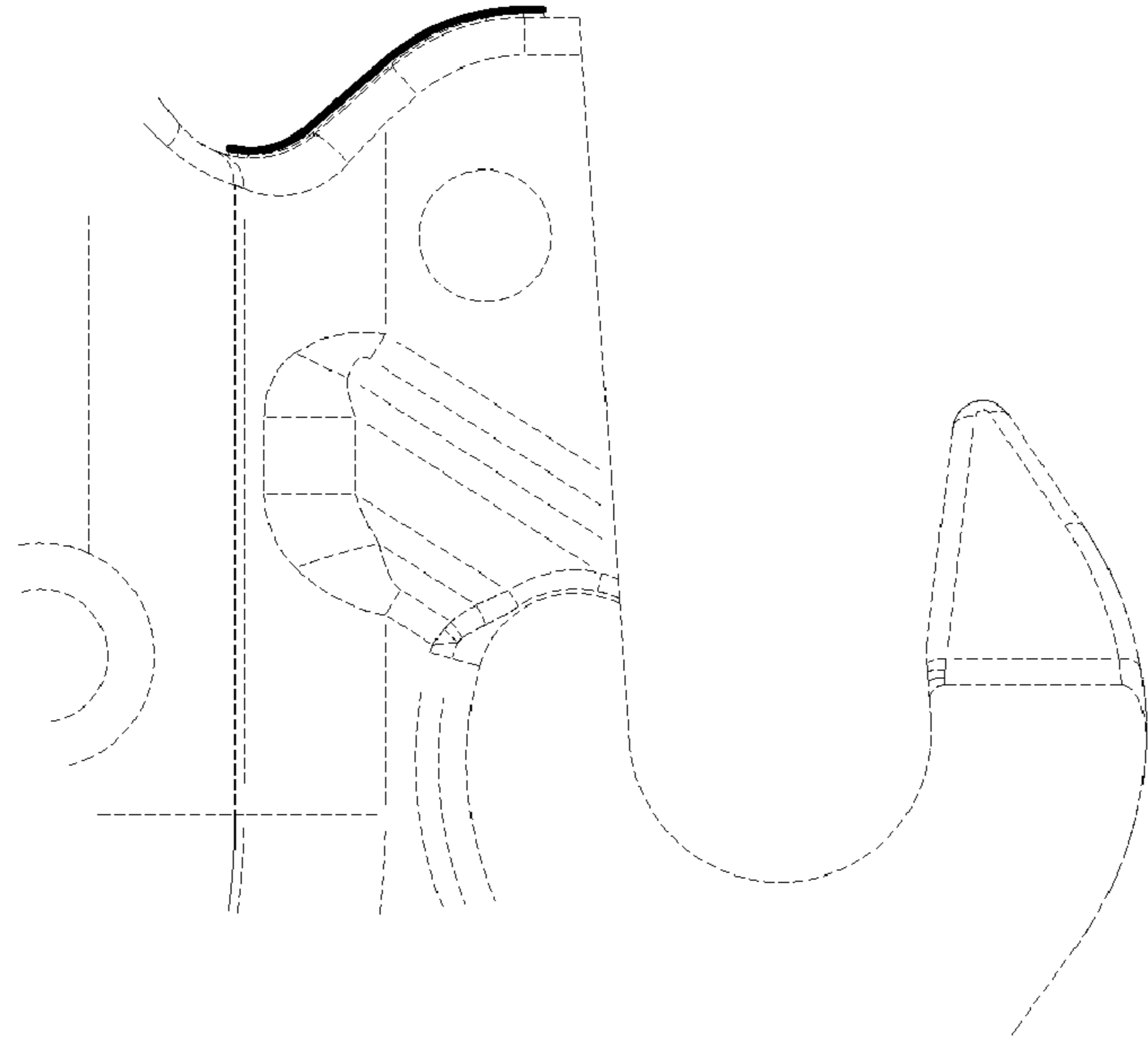


FIG. 5

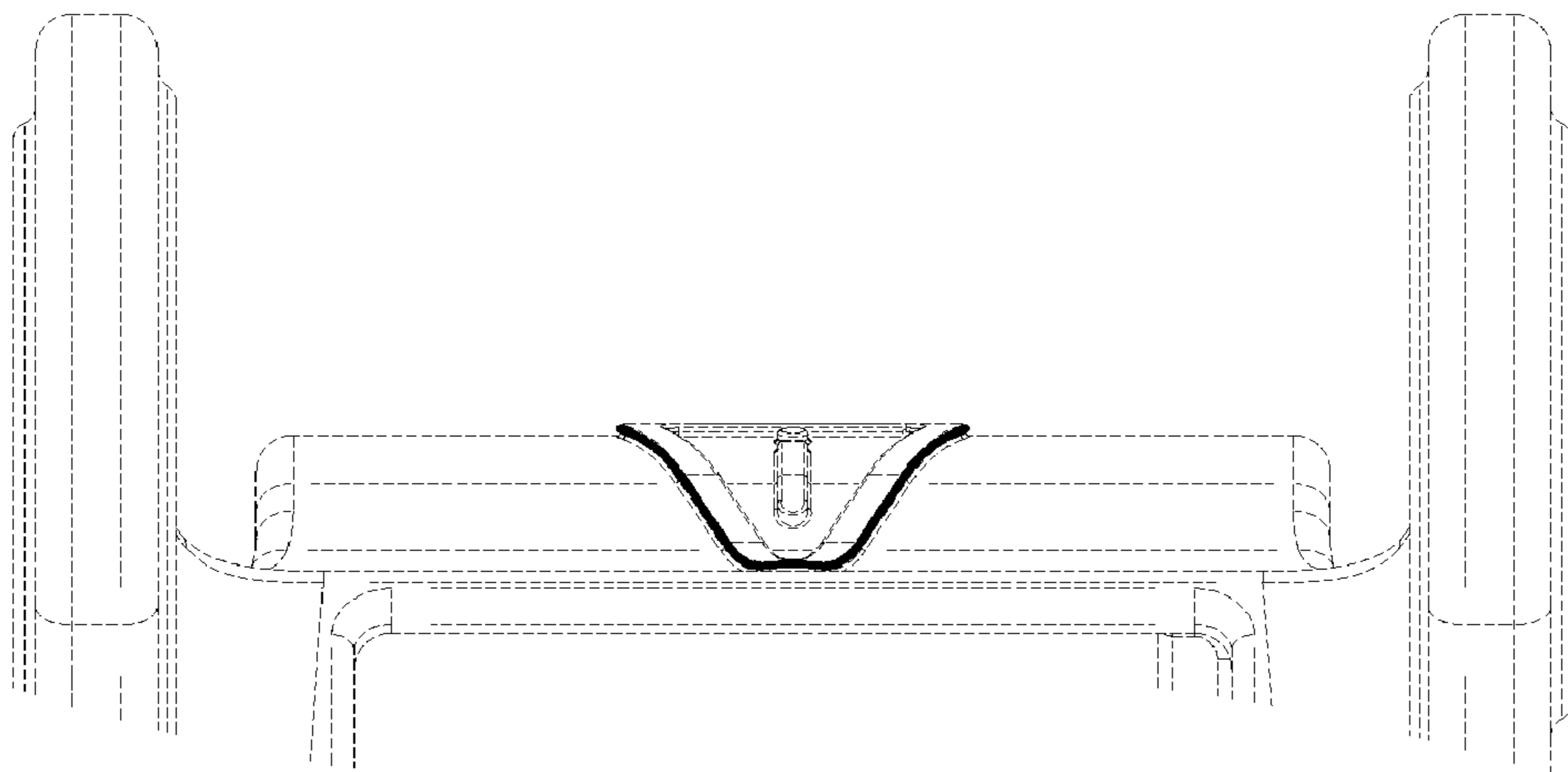


FIG. 4

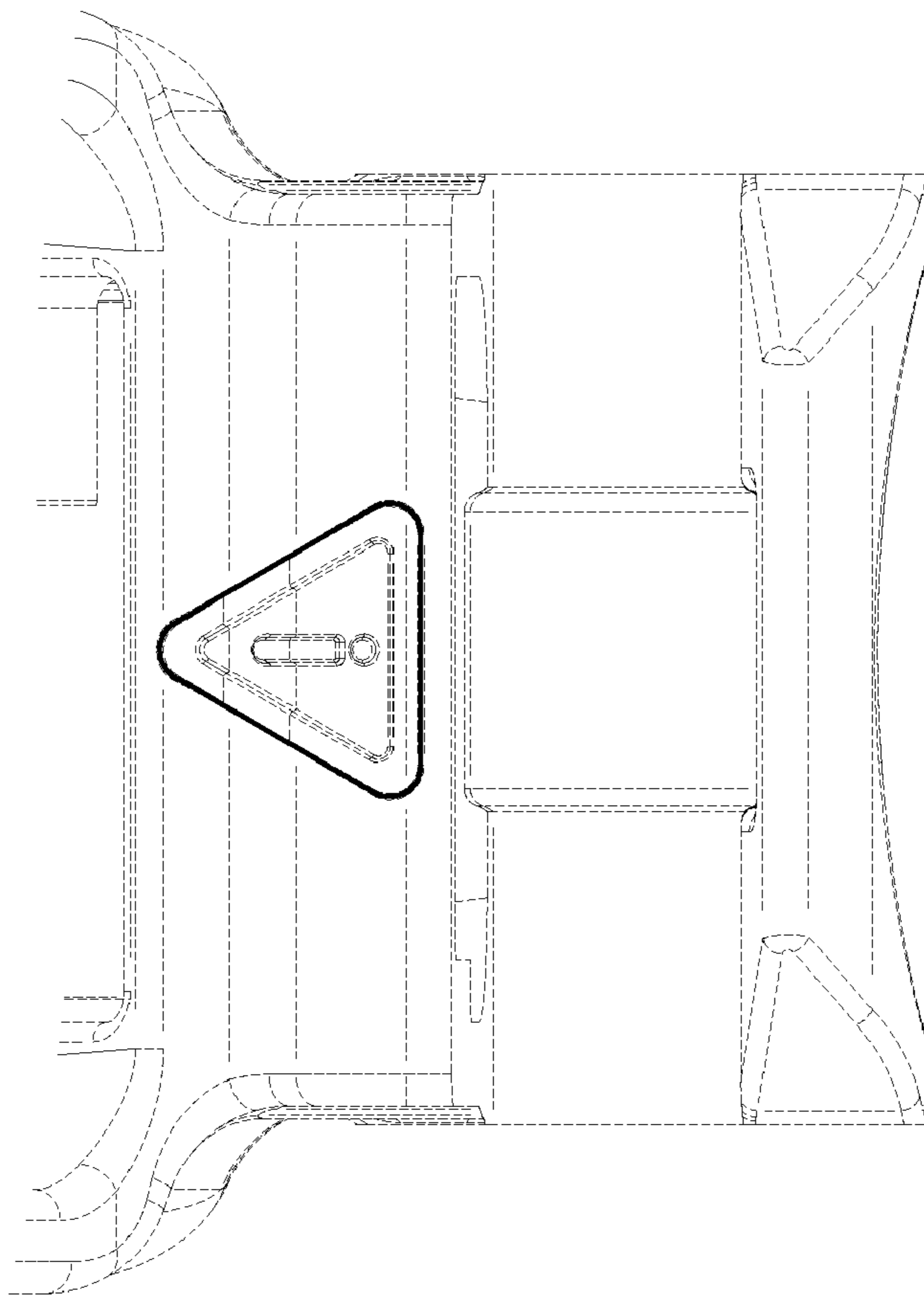


FIG. 7

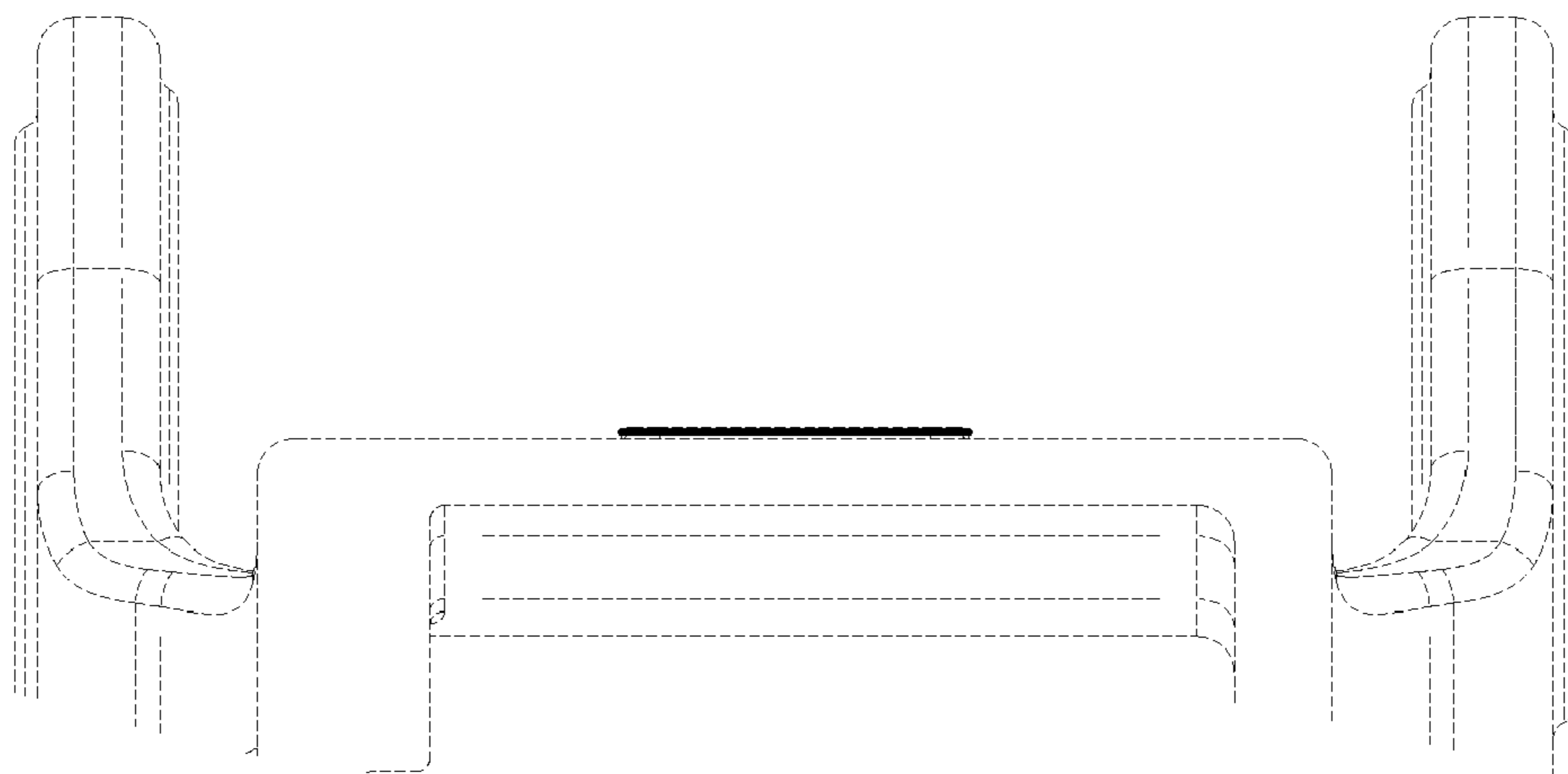


FIG. 6