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

(10) **Patent No.:** **US D638,448 S**

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(54) **MACHINED PADS ON A COUPLER**

FOREIGN PATENT DOCUMENTS

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DE 9405014 U1 5/1994

(Continued)

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OTHER PUBLICATIONS

Drawings. Alert Engineering Limited. (3 pages).

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

(Continued)

(21) Appl. No.: **29/377,602**

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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

See application file for complete search history.

(57) **CLAIM**

I claim the ornamental design for a “machined pads on a coupler,” as shown and described.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,952,431	A	4/1976	Gledhill et al.	
4,337,614	A	7/1982	Briscoe	
D272,069	S *	1/1984	Larsson	D15/28
D272,070	S *	1/1984	Larsson	D15/28
D272,250	S *	1/1984	Larsson	D15/28
D275,011	S *	8/1984	Larsson	D15/28
4,480,955	A *	11/1984	Andrews et al.	414/723
5,350,022	A *	9/1994	Lauder et al.	172/700
5,456,029	A *	10/1995	Cornelius	37/456
5,549,440	A *	8/1996	Cholakon et al.	414/723
5,630,673	A	5/1997	Krzywanos et al.	
5,692,325	A	12/1997	Kuzutani	
6,042,295	A *	3/2000	Barden	403/158
6,123,501	A *	9/2000	Pisco	414/723
6,158,950	A *	12/2000	Wilt et al.	414/723
D440,983	S *	4/2001	Miller et al.	D15/28
6,254,331	B1 *	7/2001	Pisco et al.	414/723
6,385,872	B1 *	5/2002	Mieger et al.	37/468
D458,942	S *	6/2002	Balemi	D15/28
6,422,805	B1 *	7/2002	Miller	414/723
6,537,006	B1	3/2003	Clark	

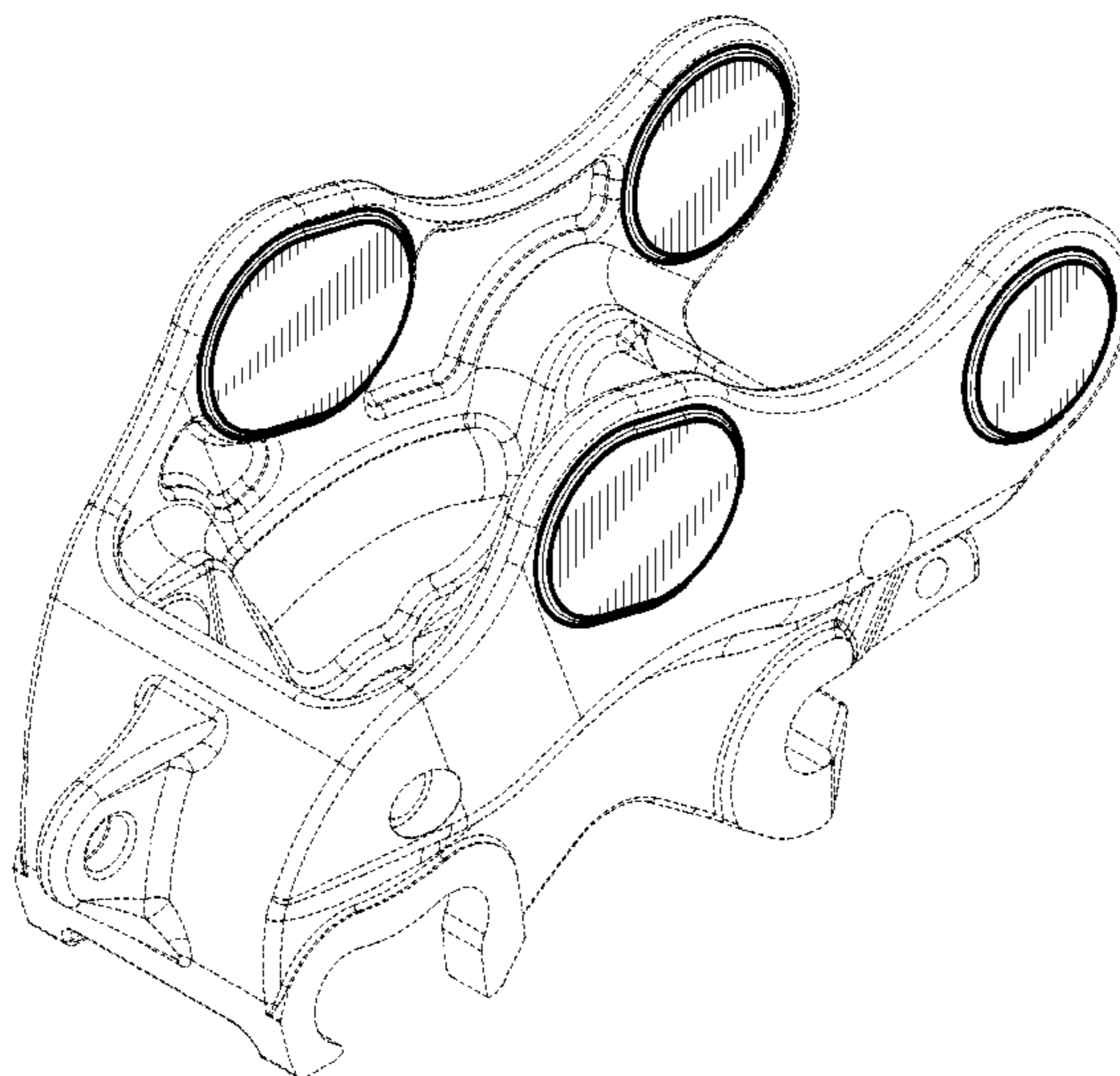
(Continued)

FIG. 1 is a top perspective view of a first embodiment for machine pads on a coupler showing my new design; FIG. 2 is a bottom perspective view thereof, showing an enlarged callout for ease of illustration detailing the multi-chamfered edge surface of the pads, the long dash short dash lines of the callout boundary forming no part of the claimed design;

FIG. 3 is a top plan view thereof; FIG. 4 is side view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is rear view thereof; FIG. 7 is an opposite side view thereof; FIG. 8 is a front view thereof; and, FIG. 9 is a top perspective view of a second embodiment for machine pads on a coupler showing my new design thereof, showing an enlarged callout for ease of illustration detailing the chamfered edge surface of the pads, the long dash short dash lines of the callout boundary forming no part of the claimed design.

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

1 Claim, 5 Drawing Sheets



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U.S. PATENT DOCUMENTS

6,625,909	B1 *	9/2003	Miller et al.	37/468
6,691,438	B2 *	2/2004	Fatemi	37/468
6,902,346	B2	6/2005	Steig et al.	
6,922,926	B2 *	8/2005	Miller et al.	37/468
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	
D565,062	S *	3/2008	Miller et al.	D15/28
D574,225	S *	8/2008	Scheib	D8/382
D593,848	S *	6/2009	Balemi et al.	D8/382
D593,849	S *	6/2009	Balemi et al.	D8/382
D599,198	S *	9/2009	Balemi et al.	D8/382
D620,502	S *	7/2010	Ballinger et al.	D15/28
2003/0154636	A1 *	8/2003	Miller et al.	37/468
2004/0244575	A1	12/2004	Fatemi et al.	
2005/0169703	A1	8/2005	Fatemi	
2007/0020079	A1	1/2007	Boyapally et al.	
2007/0157492	A1 *	7/2007	Miller et al.	37/468
2008/0083144	A1 *	4/2008	Sederberg et al.	37/468
2008/0092414	A1 *	4/2008	Moser et al.	37/468
2008/0170933	A1 *	7/2008	Nishioka et al.	414/723
2008/0175657	A1	7/2008	Fatemi	
2009/0007465	A1	1/2009	Robl et al.	
2010/0031539	A1 *	2/2010	Daraie et al.	37/468
2010/0107456	A1 *	5/2010	Miller et al.	37/468
2010/0172732	A1 *	7/2010	Daraie et al.	414/723
2010/0192425	A1 *	8/2010	Miller et al.	37/468
2010/0232920	A1 *	9/2010	Calvert et al.	414/723
2010/0254755	A1	10/2010	Luyendijk et al.	
2010/0275474	A1 *	11/2010	Scheib et al.	37/468

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 (34 pages).
 British Patent Application No. 0620139.6 filed Oct. 11, 2006. Hill Engineering Limited (22 pages).
 British Patent Application No. 0702372.4 filed Feb. 17, 2007. Hill Engineering Limited (34 pages).

* cited by examiner

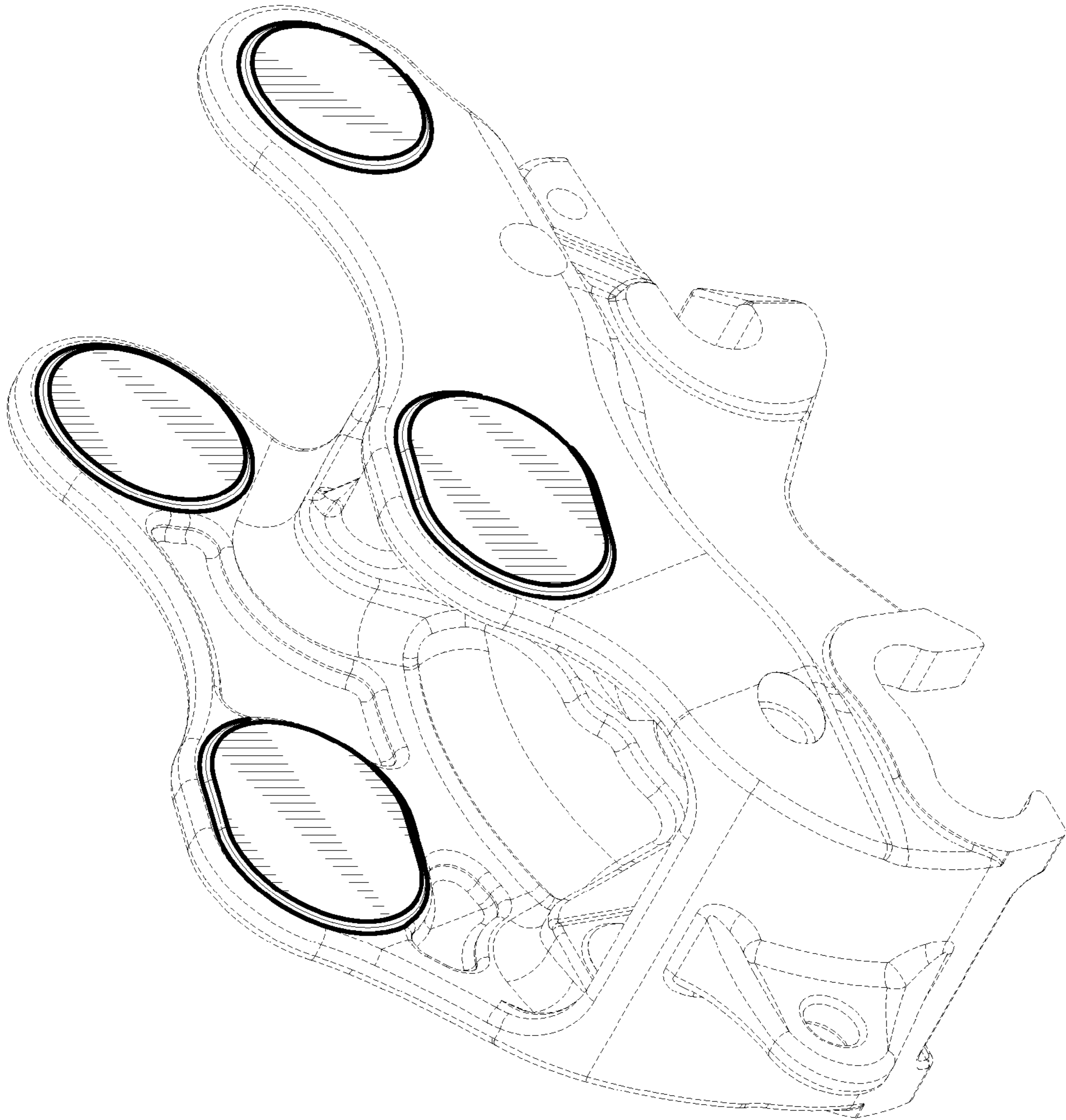


FIG. 1

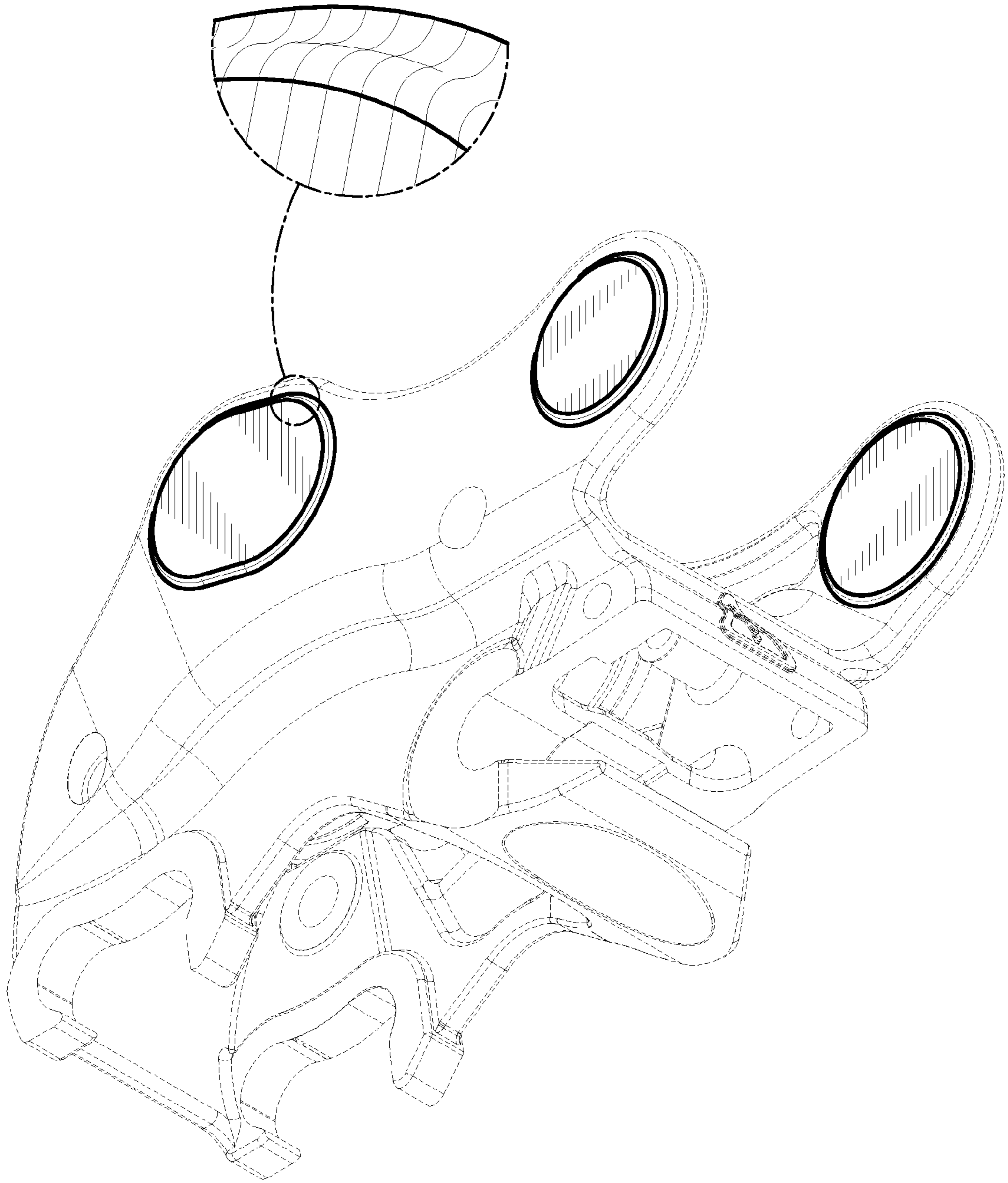


FIG. 2

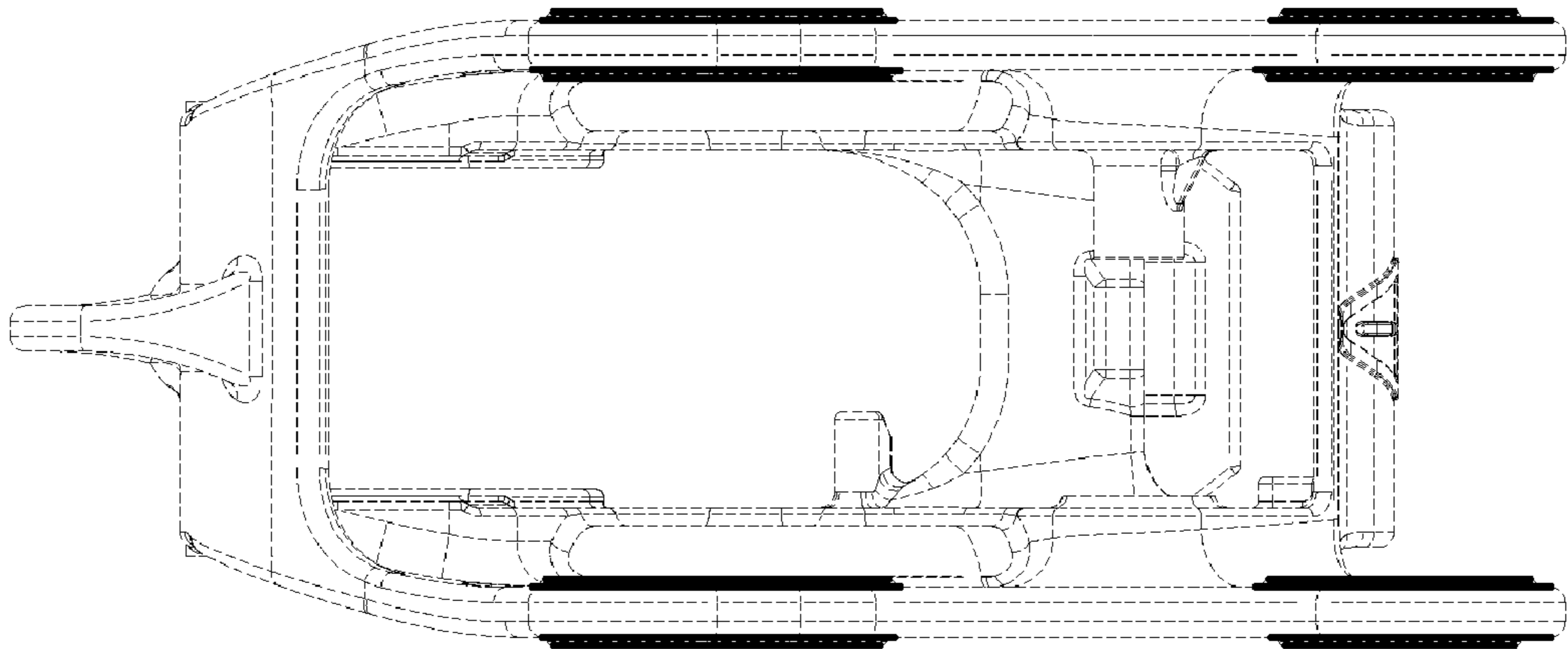


FIG. 3

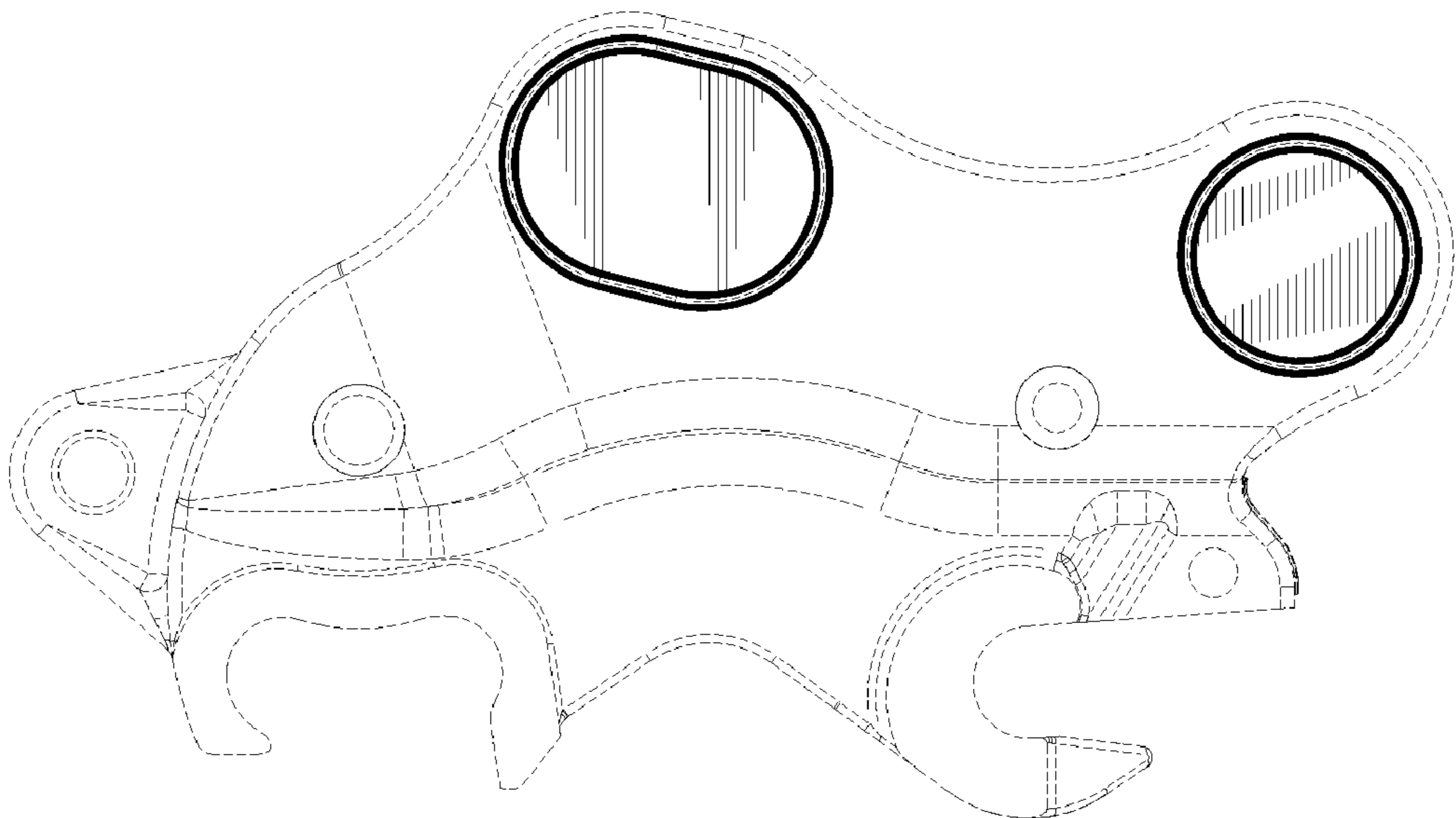


FIG. 4

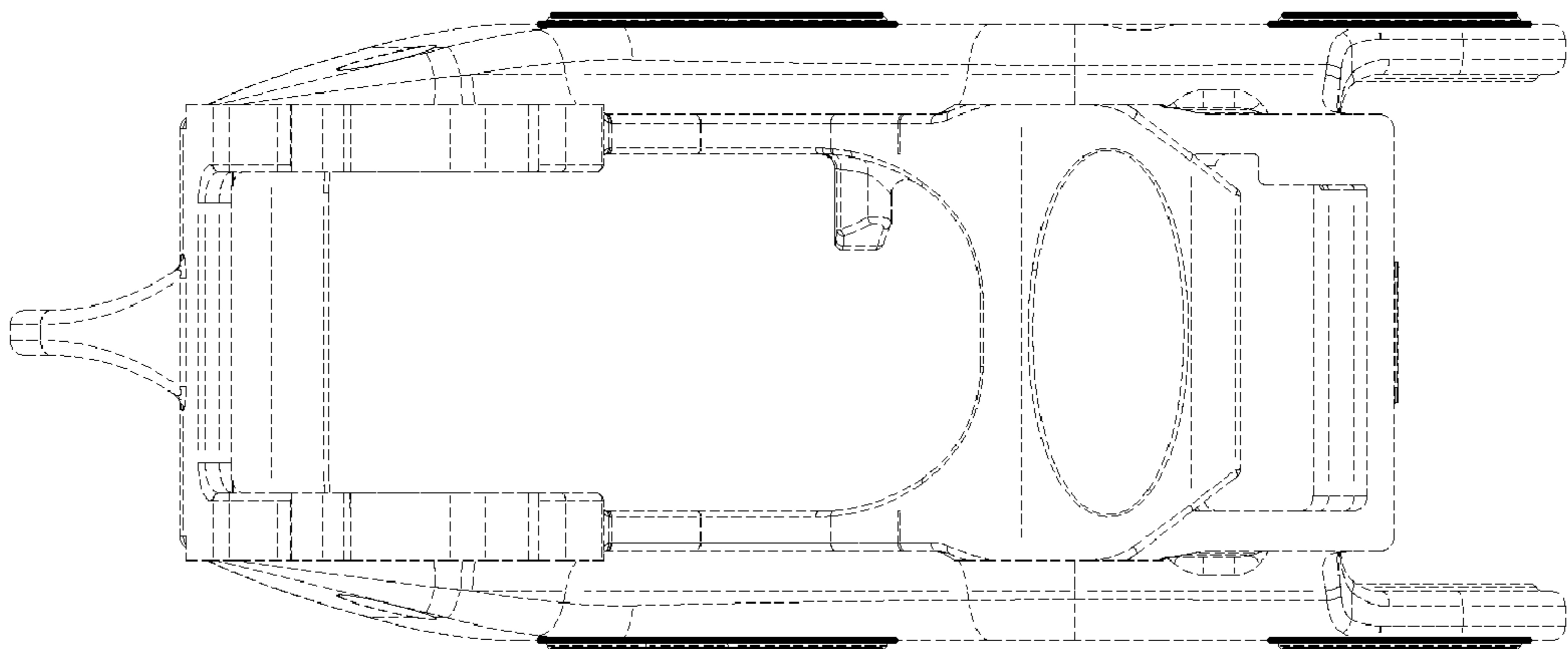


FIG. 5

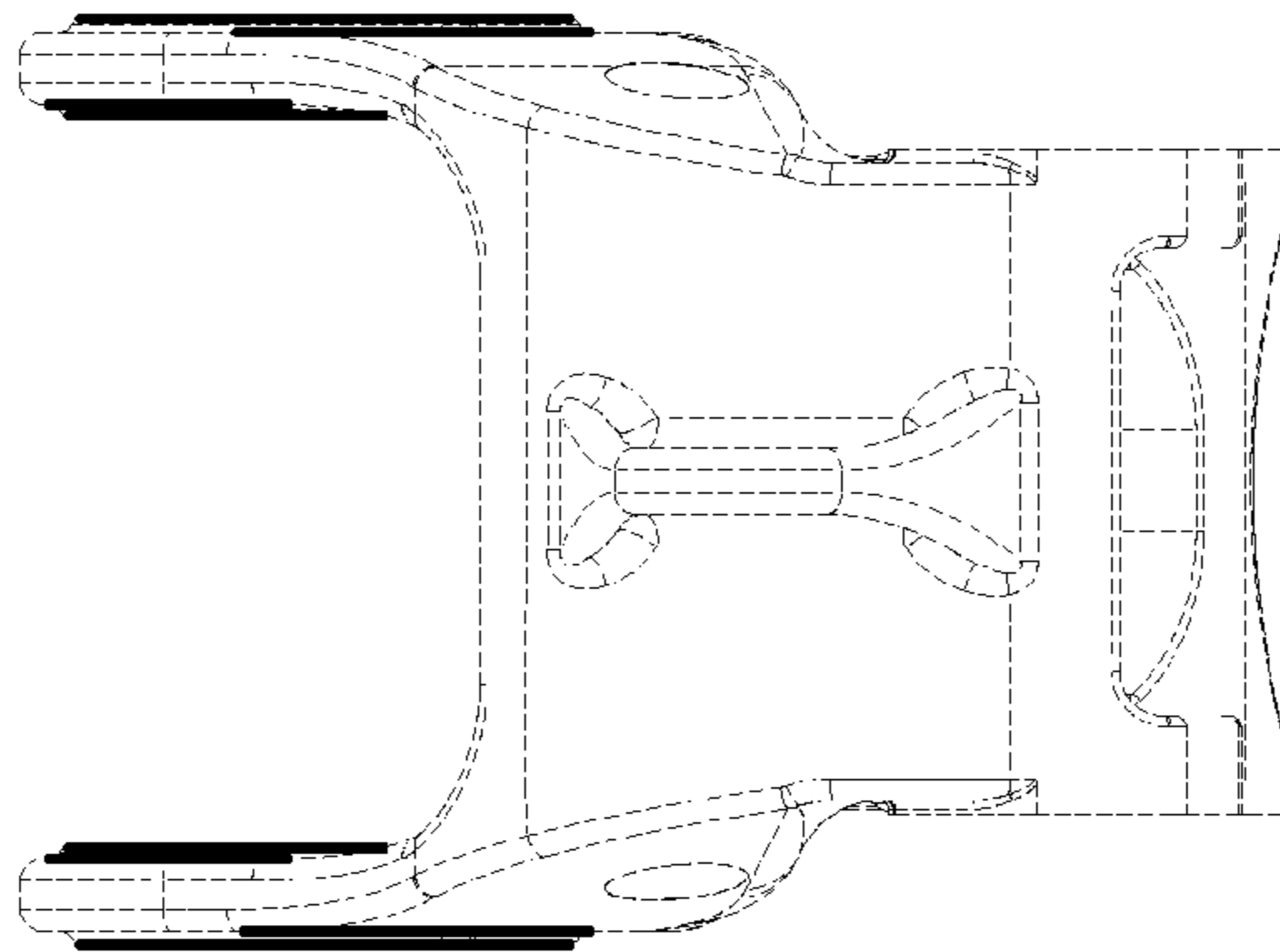


FIG. 6

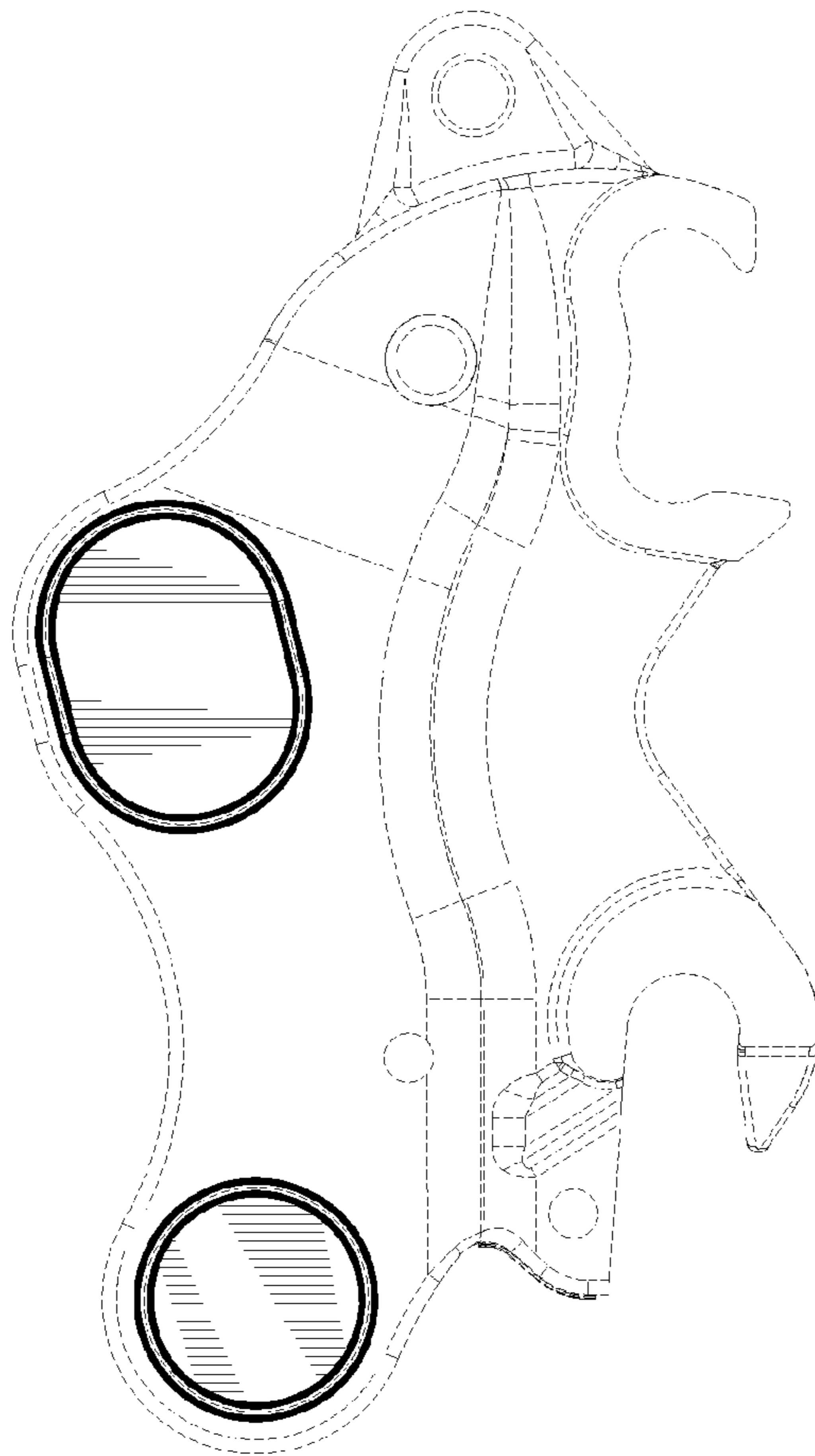


FIG. 7

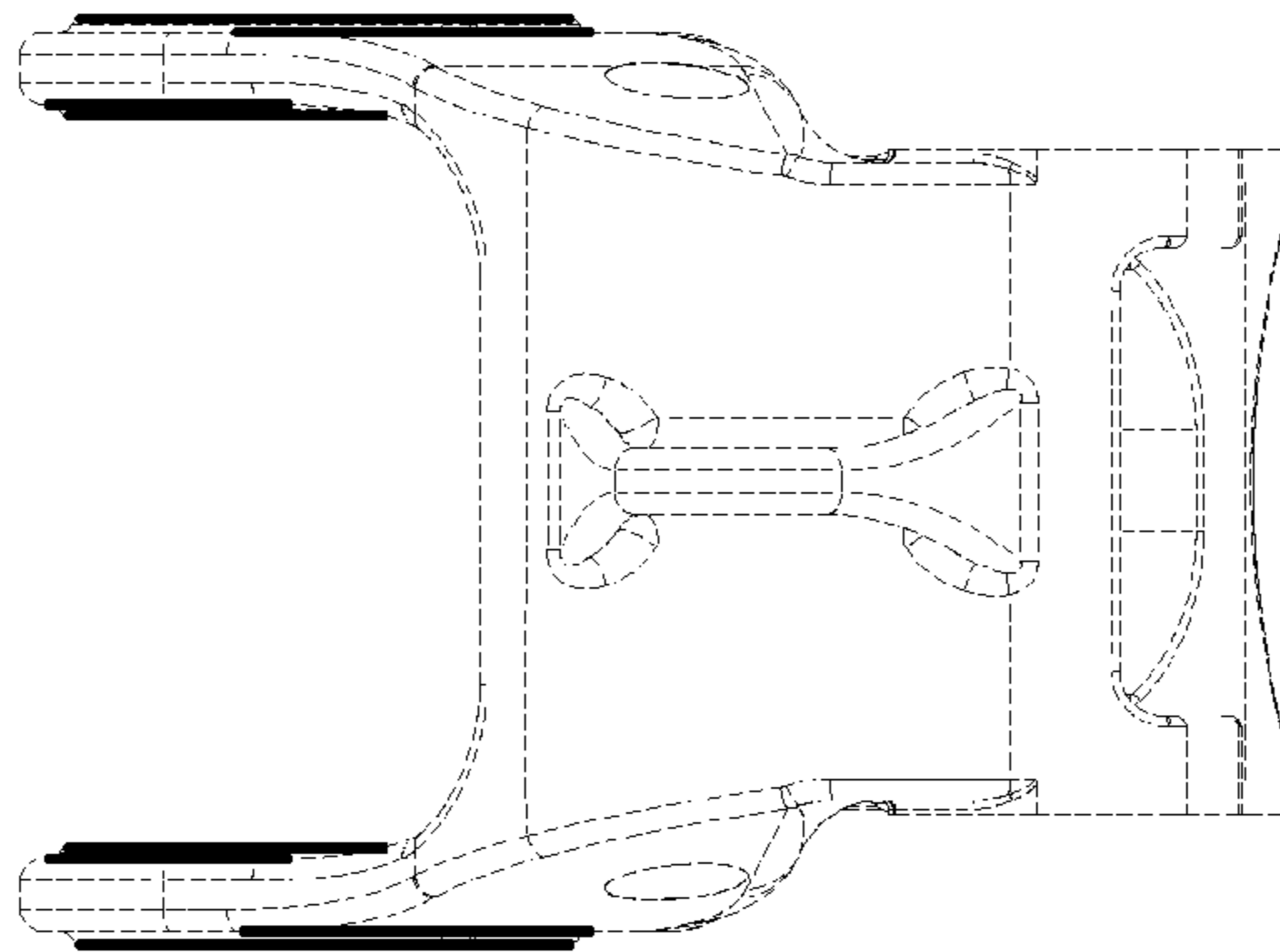


FIG. 8

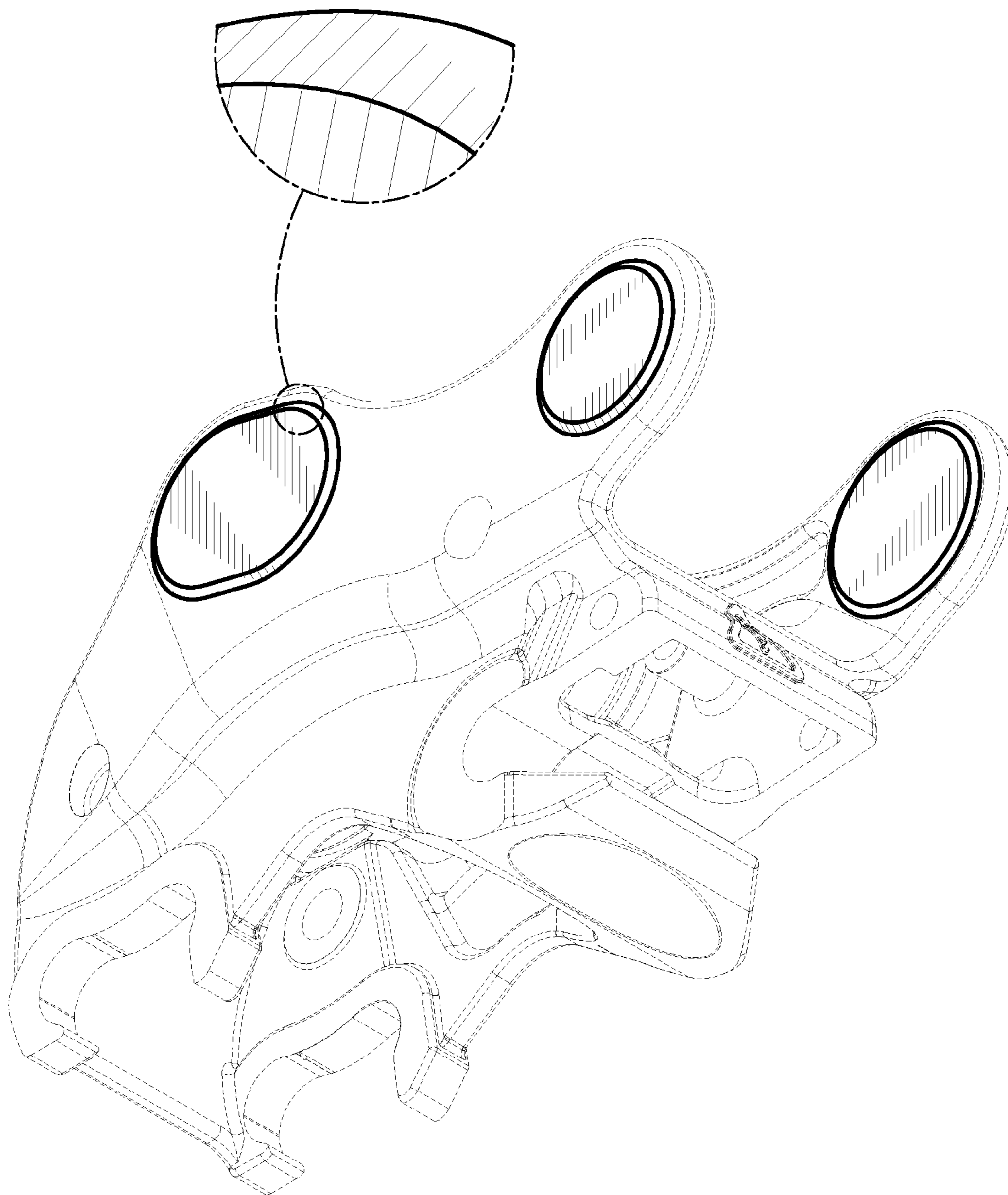


FIG. 9