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Pehar et al.

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(54) **RATCHET FOR LOAD-SECURING TIE-DOWN STRAP**

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

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(51) **LOC (9) Cl.** **08-05**

(52) **U.S. Cl.** **D8/44**

(58) **Field of Classification Search** D8/14, D8/44; 24/68 CD, 68 R, 68 E; 254/217-220, 254/223, 247-248; 410/100

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,844,317	A *	10/1974	Angarola et al.	140/93.2
4,227,286	A *	10/1980	Holmberg	24/68 CD
5,101,537	A	4/1992	Cummings	24/68
5,103,536	A	4/1992	Kämper	24/58
D328,840	S *	8/1992	Jensen	D8/44
5,423,644	A	6/1995	First, Sr.	410/100
5,426,826	A *	6/1995	Takimoto	24/68 CD
5,560,086	A *	10/1996	Huang	24/68 CD
6,007,053	A	12/1999	Huang	254/247
6,195,848	B1	3/2001	Jackson et al.	24/68
6,524,041	B1	2/2003	Voiculescu	410/100

6,654,987	B1 *	12/2003	Wu	24/68 CD
6,708,953	B1 *	3/2004	Chang	254/218
D489,246	S	5/2004	Bolieu	D8/367
D527,606	S *	9/2006	Jackson	D8/107
D572,100	S *	7/2008	Aganian	D8/44
7,448,596	B1 *	11/2008	Chang	254/223
7,651,072	B1 *	1/2010	Chang	254/218
2009/0279978	A1 *	11/2009	Polin et al.	410/100

OTHER PUBLICATIONS

Titan Cast Handle Ratchet. Downloaded Jun. 5, 2010 at <http://highland.cequent-cpi.com/about/catalog.asp>.*

* cited by examiner

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(57) **CLAIM**

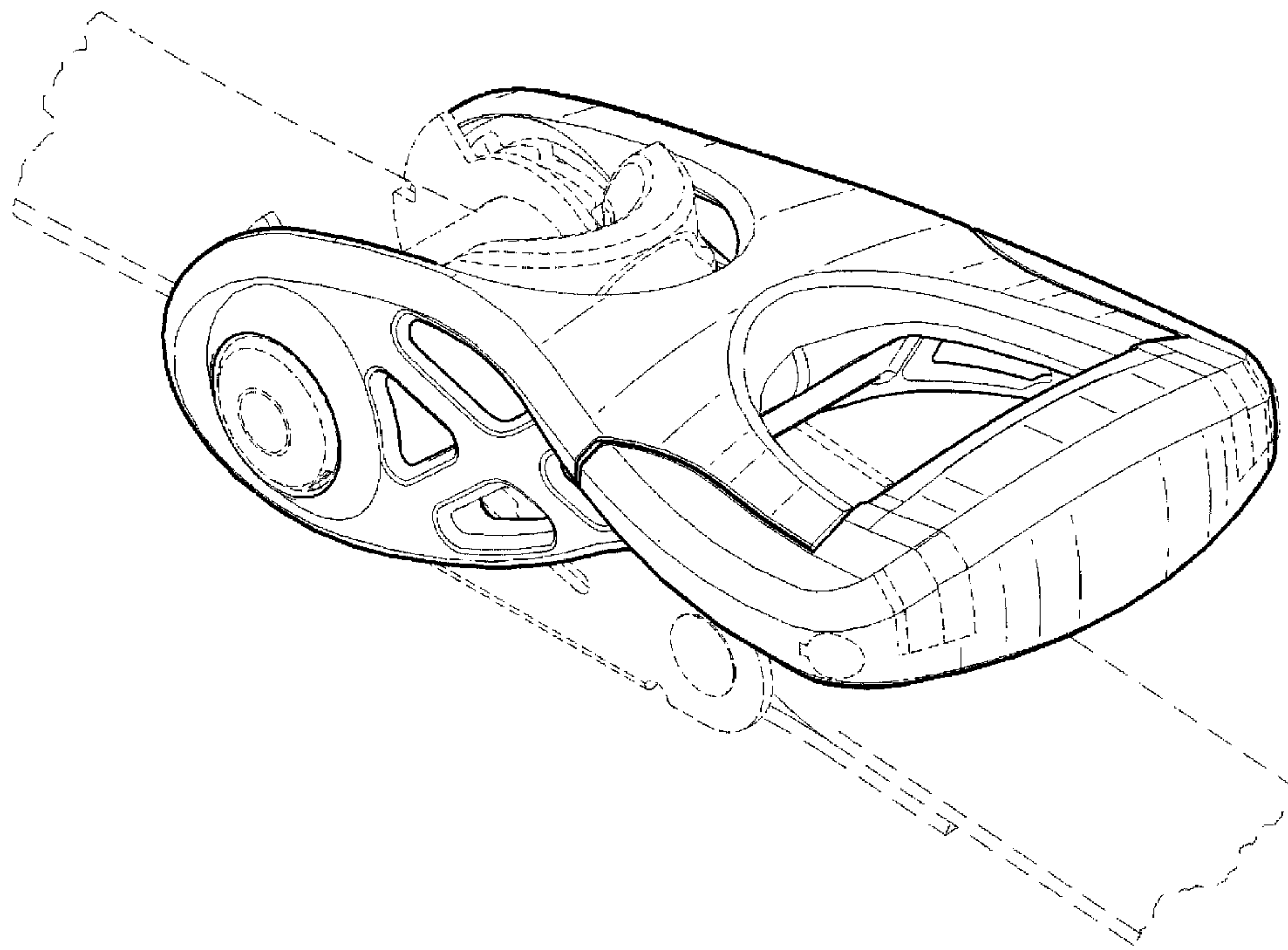
The ornamental design for a ratchet for load-securing tie-down strap, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a ratchet for load-securing tie-down strap, showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a perspective view thereof, set within its environment of use.

The broken lines in the drawings illustrate subject matter which forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



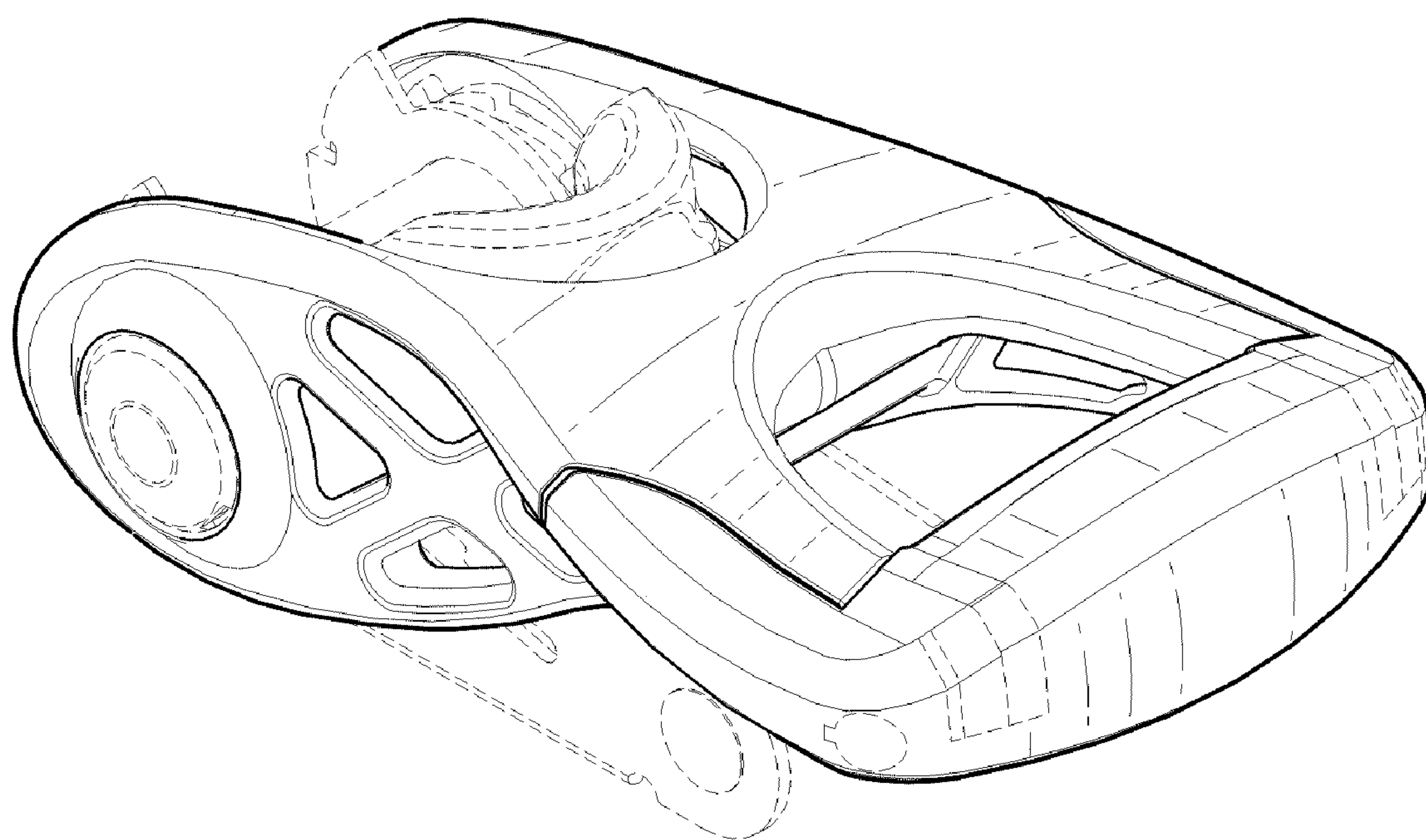


Fig. 1

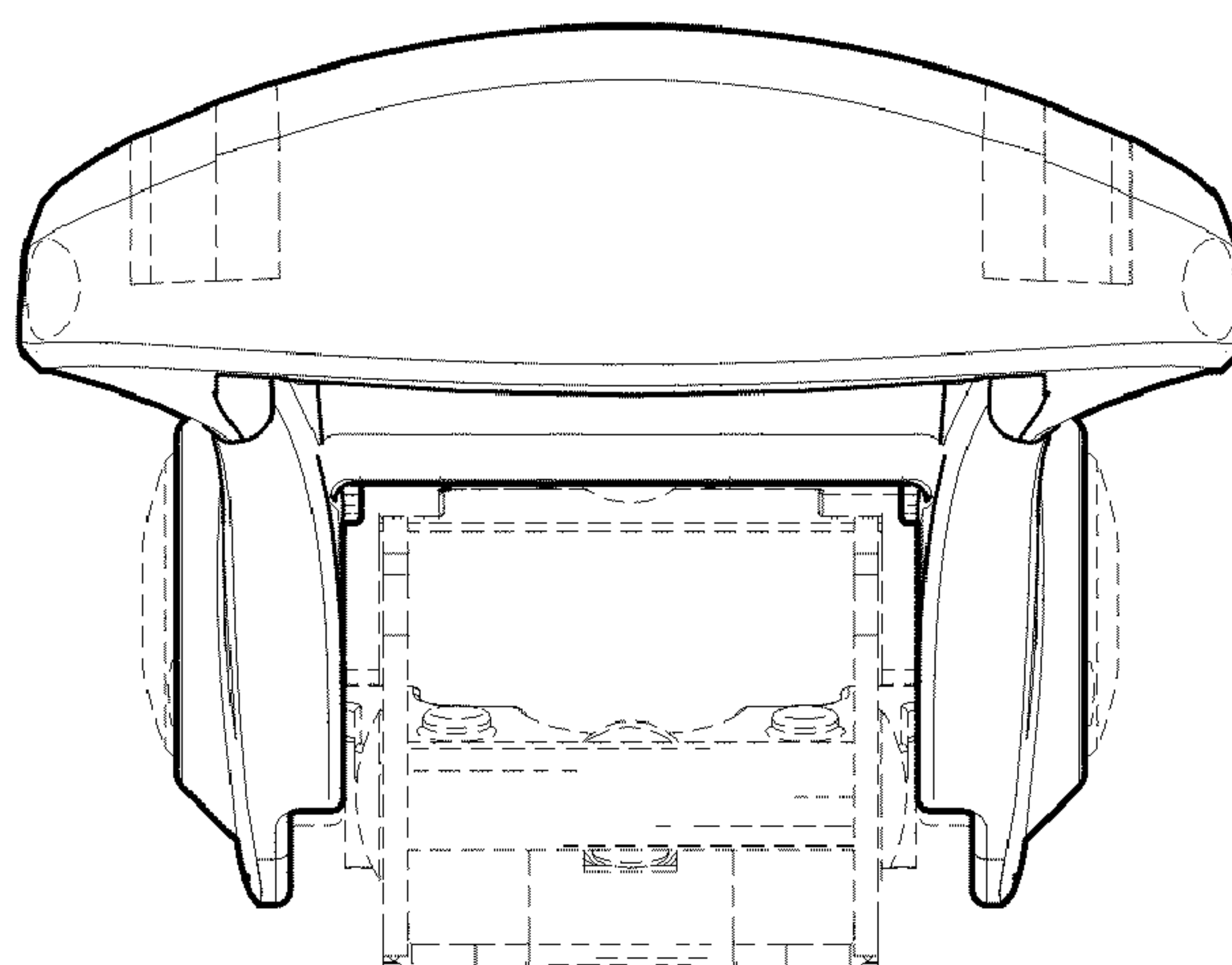


Fig. 2

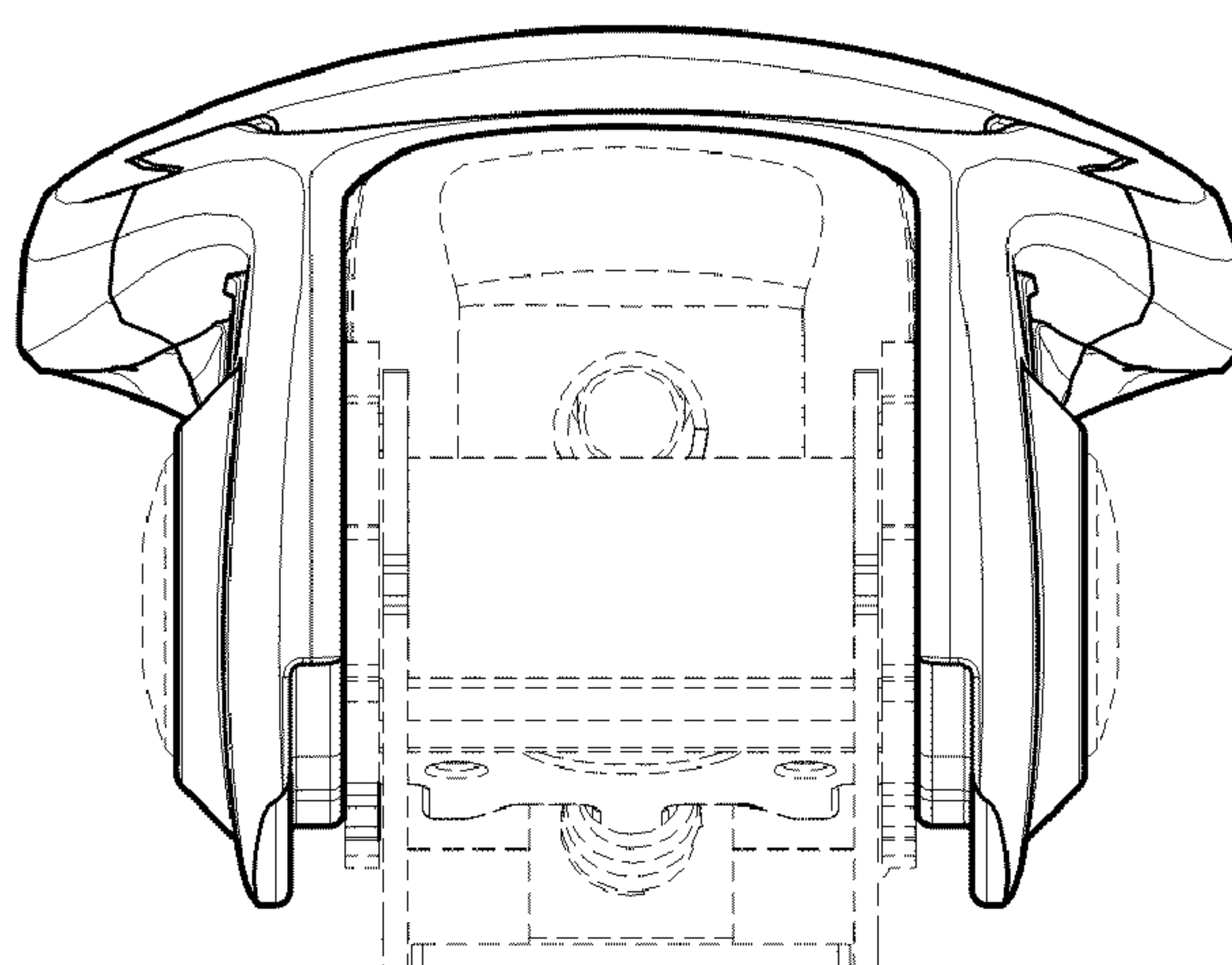


Fig. 3

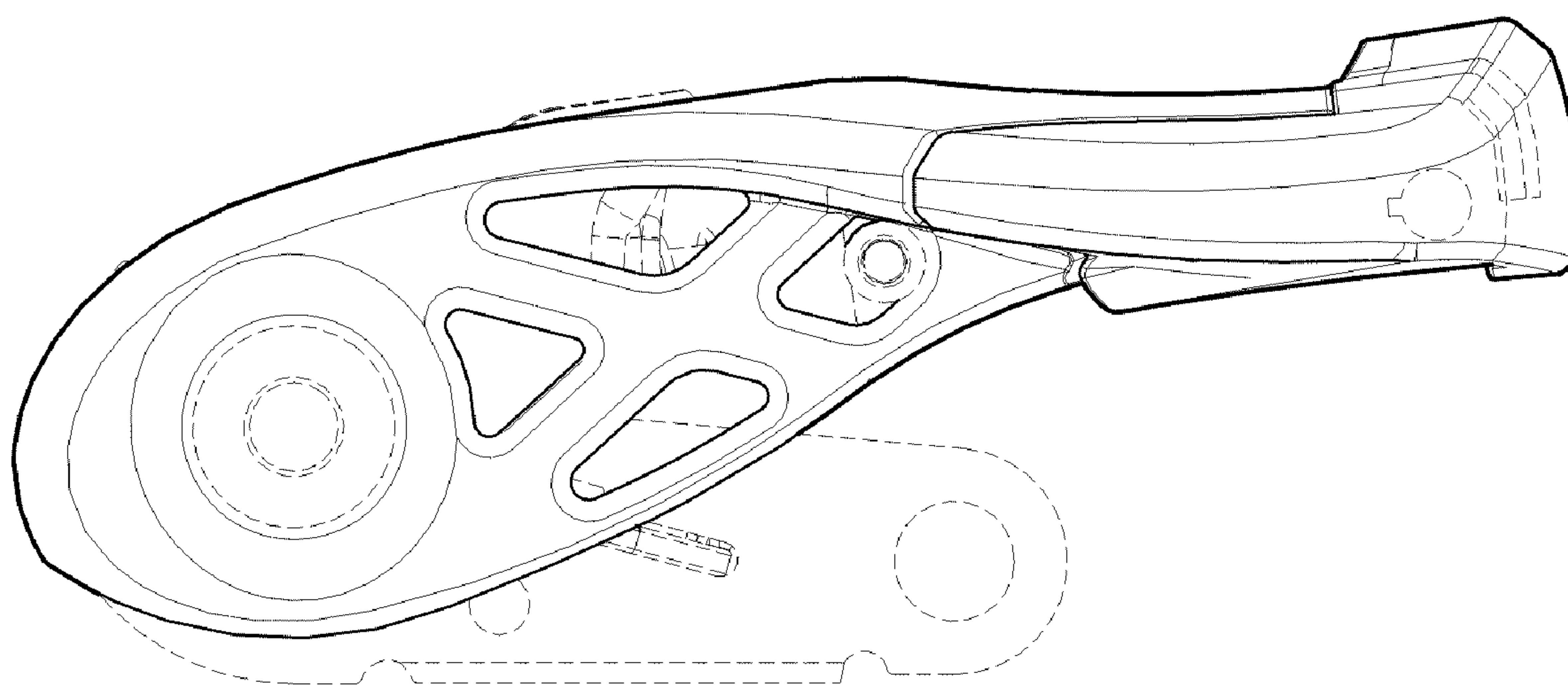


Fig. 4

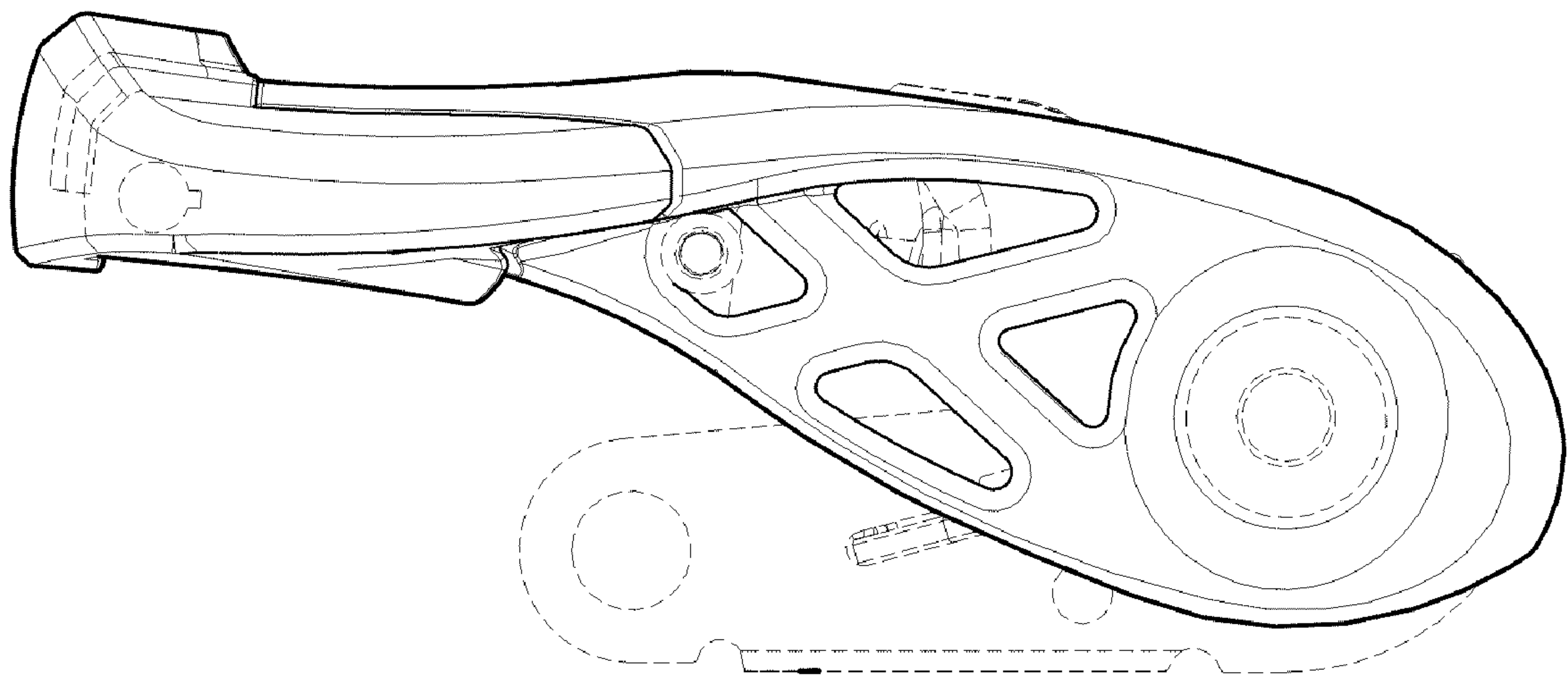


Fig. 5

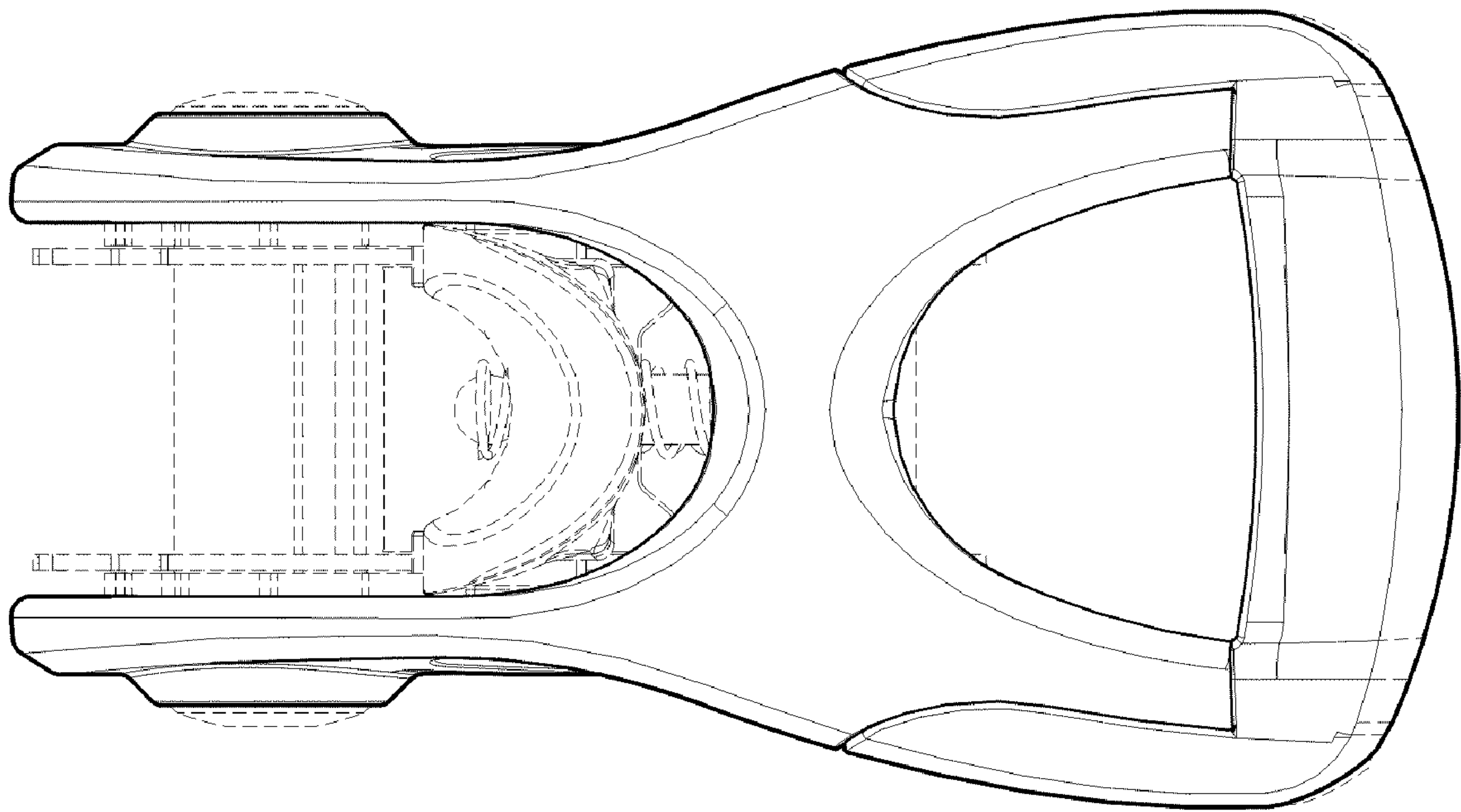


Fig. 6

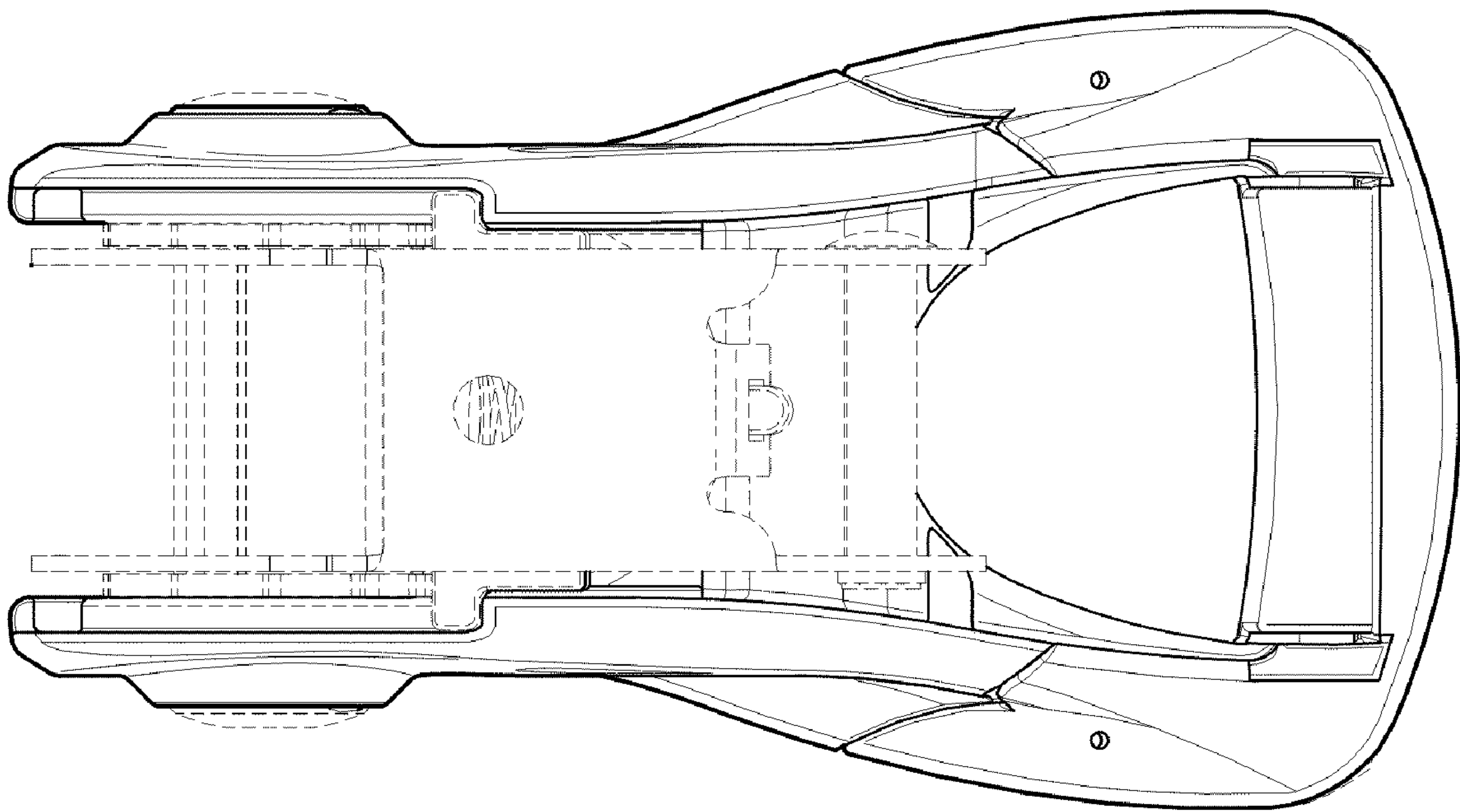


Fig. 7

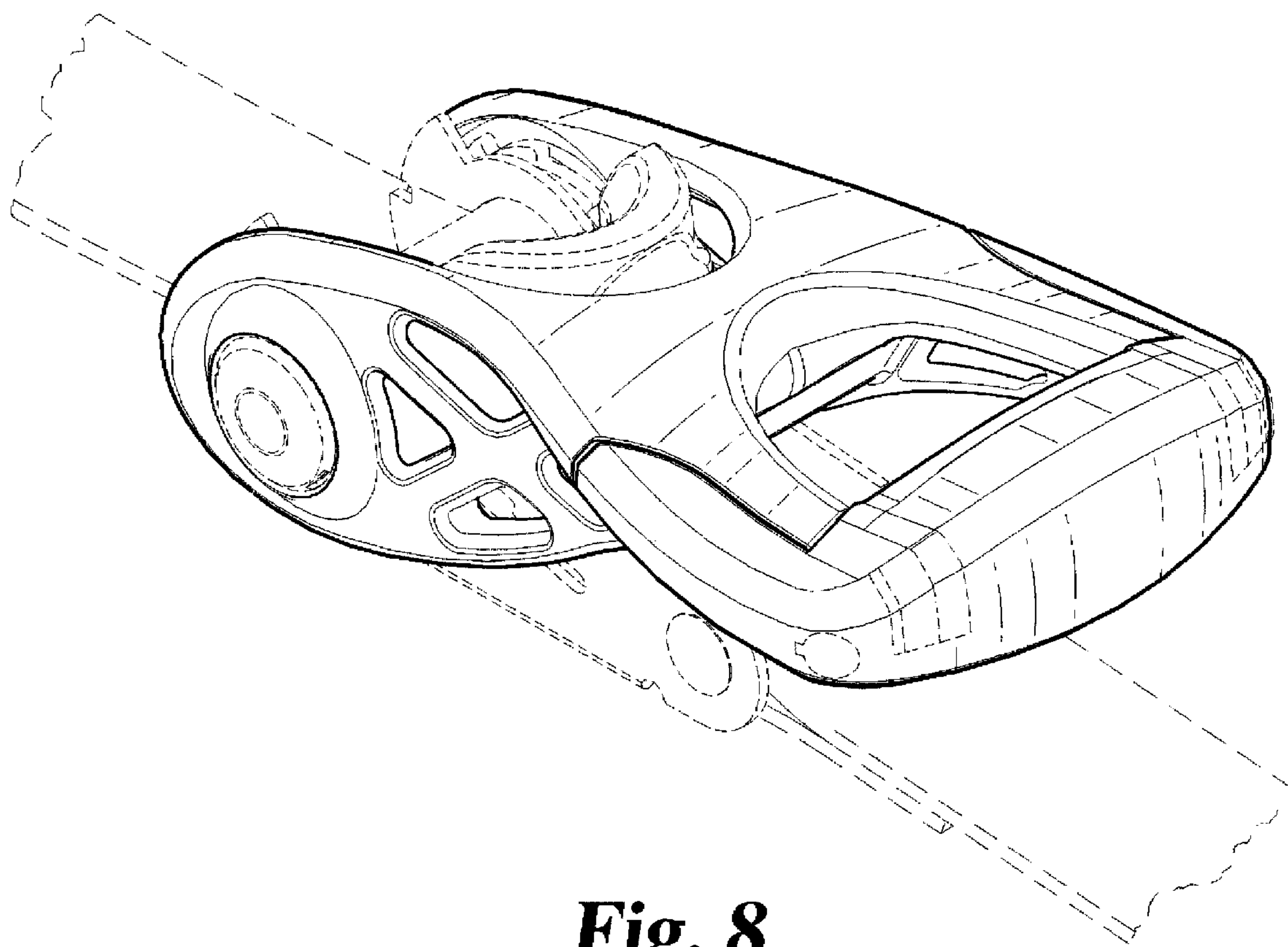


Fig. 8