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

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(54) **RANGEFINDER**
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D611,848 S * 3/2010 Liu D10/70
D647,159 S * 10/2011 Kobayashi D22/109
D683,374 S * 5/2013 Yokoi D16/132
D683,375 S * 5/2013 Yokoi D16/132
D683,376 S * 5/2013 Yokoi D16/132
D683,377 S * 5/2013 Yokoi D16/132
D683,378 S * 5/2013 Yokoi D16/132
D723,080 S * 2/2015 Kobayashi D16/132
D779,349 S * 2/2017 Kobayashi D10/70
D779,981 S * 2/2017 Kobayashi D10/70
D845,795 S * 4/2019 Kim D10/70

(Continued)

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(51) **LOC (14) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/70**

(58) **Field of Classification Search**
USPC D10/66, 70, 74; D16/132, 136, 220;
D22/109, 199

CPC . A63B 69/36; A63B 2220/12; A63B 2220/20;
A63B 2220/805; A63B 57/00; A63B
2220/13; A63B 2102/32; G01S 19/19;
F41G 3/06; G03B 13/20

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D448,315 S * 9/2001 Ito D10/70
D453,301 S * 2/2002 Vermillion D10/66
D525,544 S * 7/2006 Nojima D10/70
D547,780 S * 7/2007 Meinzer D16/132

OTHER PUBLICATIONS

Halo Range Finder, available on Amazon.com, date first available Mar. 2, 2020, site visited Apr. 8, 2022, Available from the internet URL: < <https://www.amazon.com/Halo-Range-Finder-Hunting-Laser/dp/B085CJKXQ2?th=1>>. (Year: 2020).*

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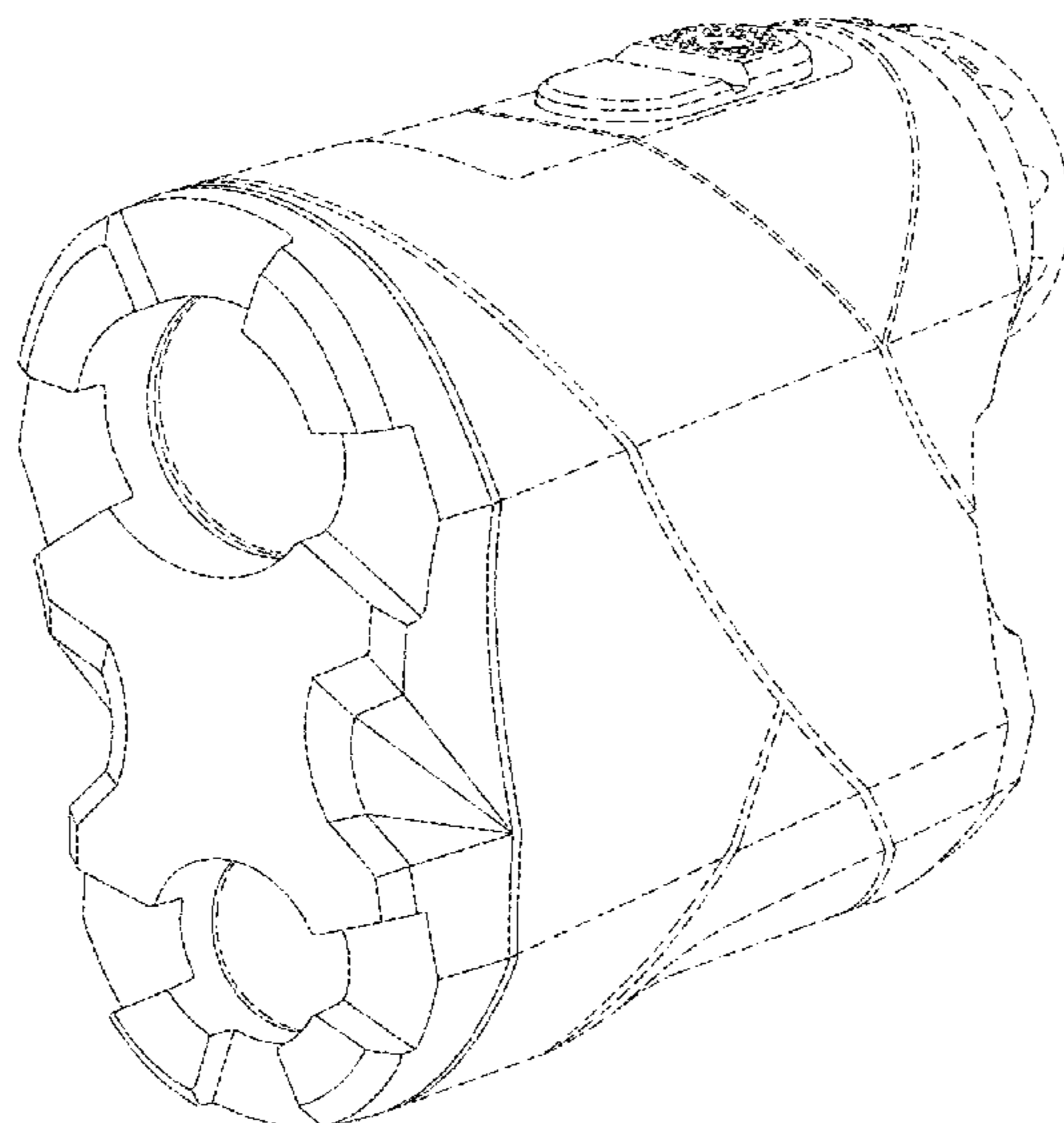
(57) **CLAIM**

The ornamental design for a rangefinder, as shown and described.

DESCRIPTION

FIG. 1 is a front, left, top perspective view of a rangefinder, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is a rear, right, top perspective view thereof.
The broken lines in the drawings depict portions of the rangefinder that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D850,947 S *	6/2019	Vermillion	.....	D10/70
D852,311 S *	6/2019	Honda	.....	D22/109
D863,996 S *	10/2019	Shao	.....	D10/70
D865,544 S *	11/2019	Yu	.....	D10/70
D865,545 S *	11/2019	Yu	.....	D10/70
D870,172 S *	12/2019	Ueno	.....	D16/132
D870,173 S *	12/2019	Ueno	.....	D16/132
D870,174 S *	12/2019	Ueno	.....	D16/132
D895,457 S *	9/2020	Zhang	.....	D10/70
D919,460 S *	5/2021	Gallery	.....	D10/70
D944,668 S *	3/2022	Li	.....	D10/70

* cited by examiner

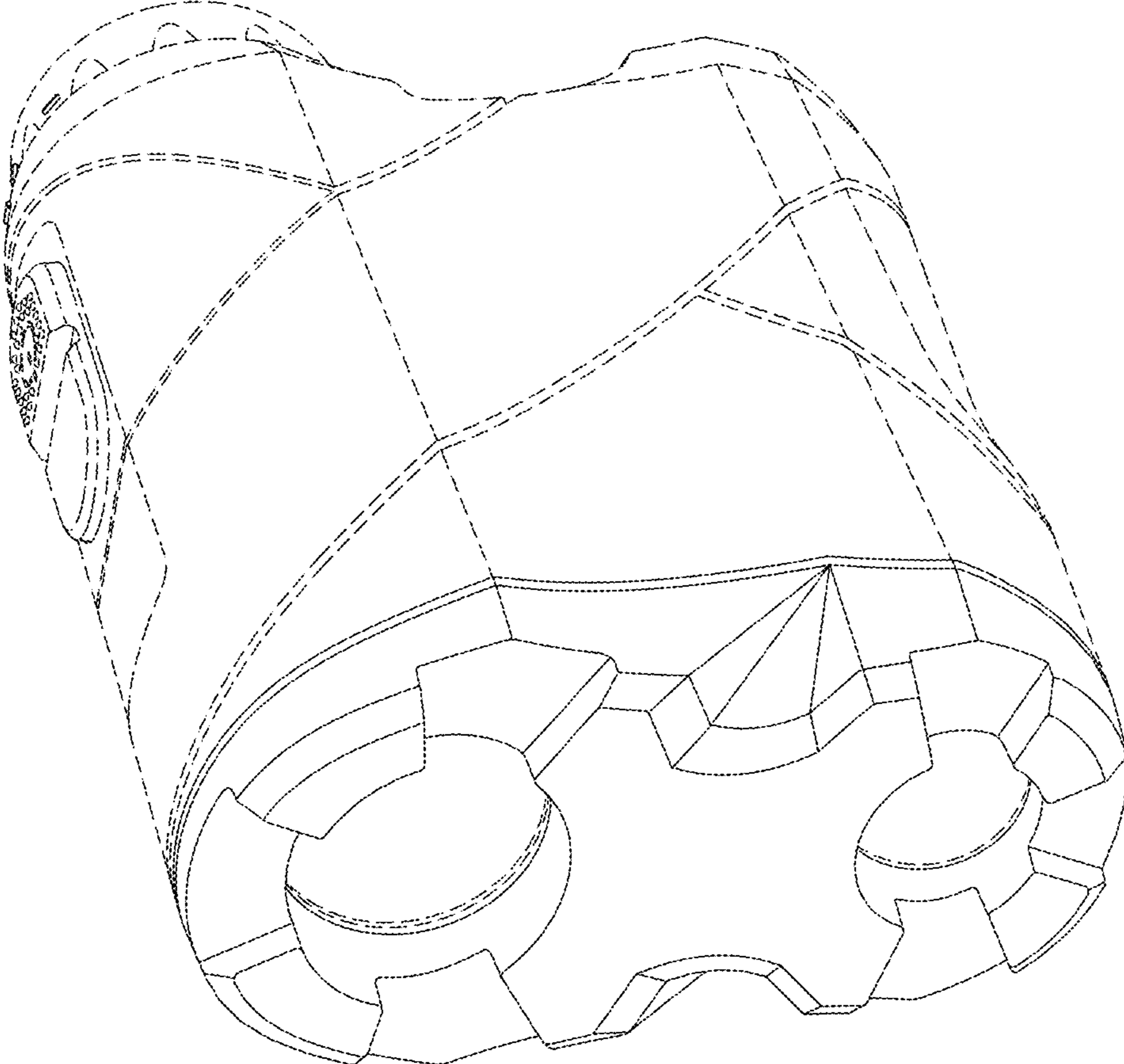


FIG. 1

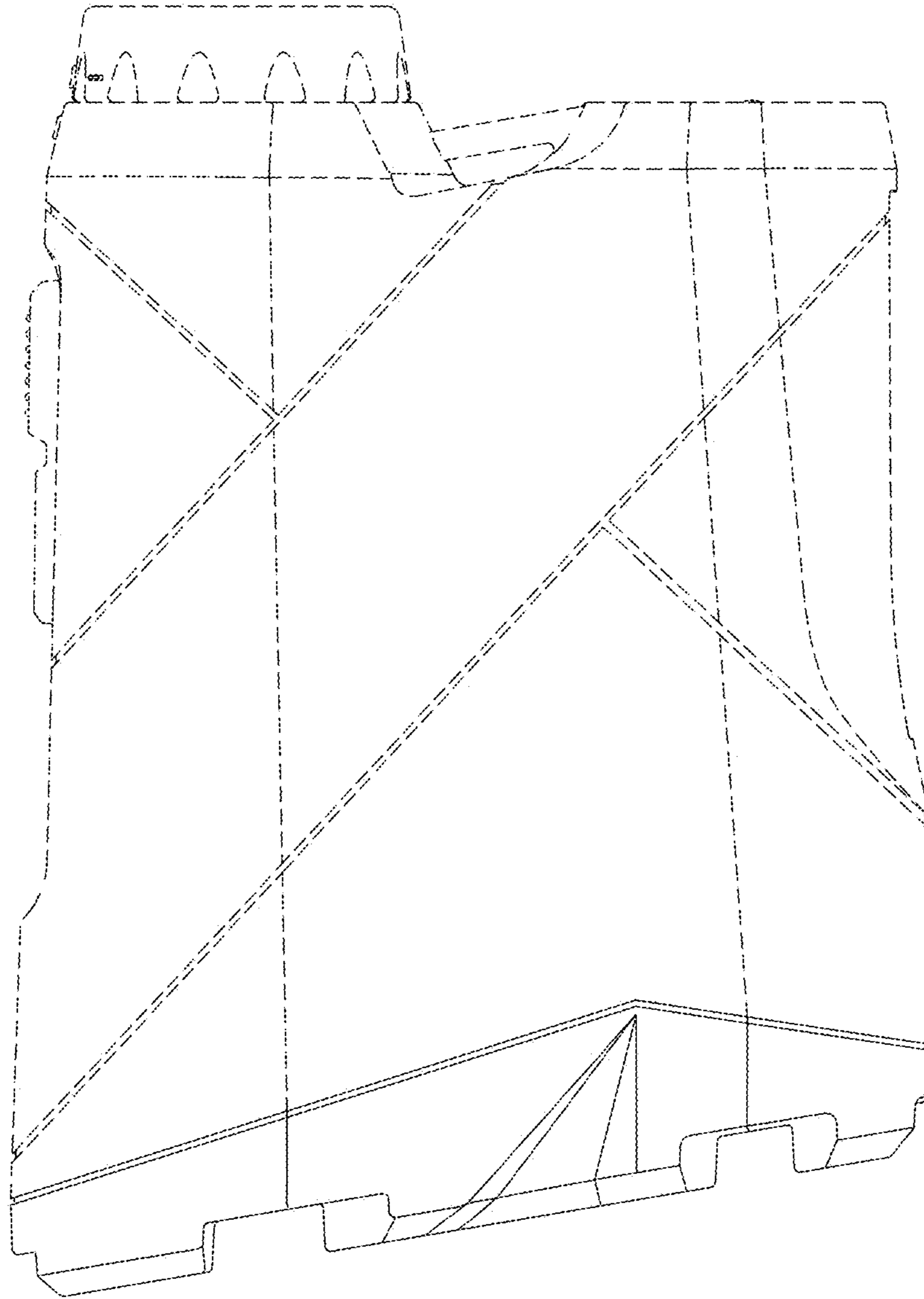


FIG. 2

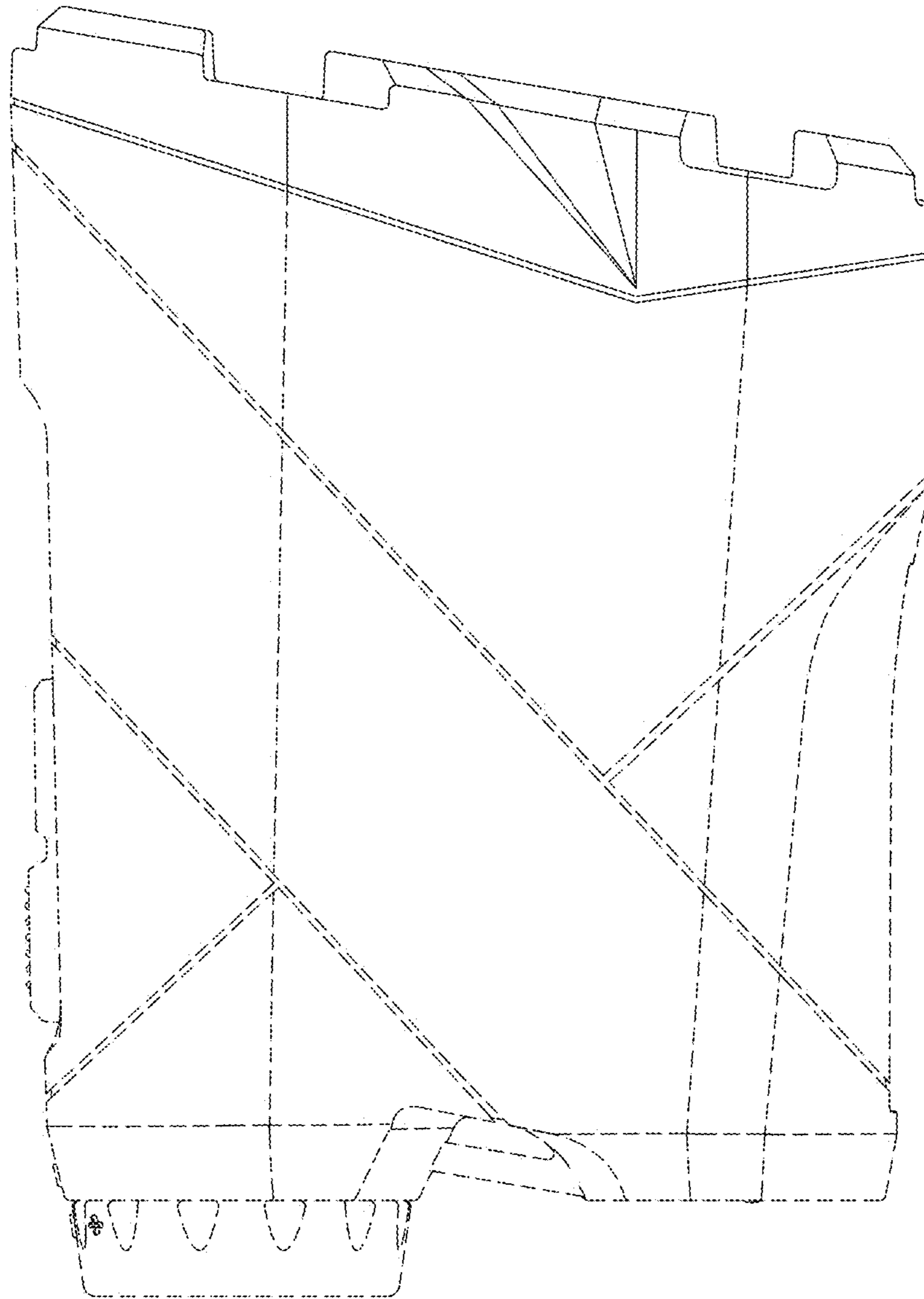


FIG. 3

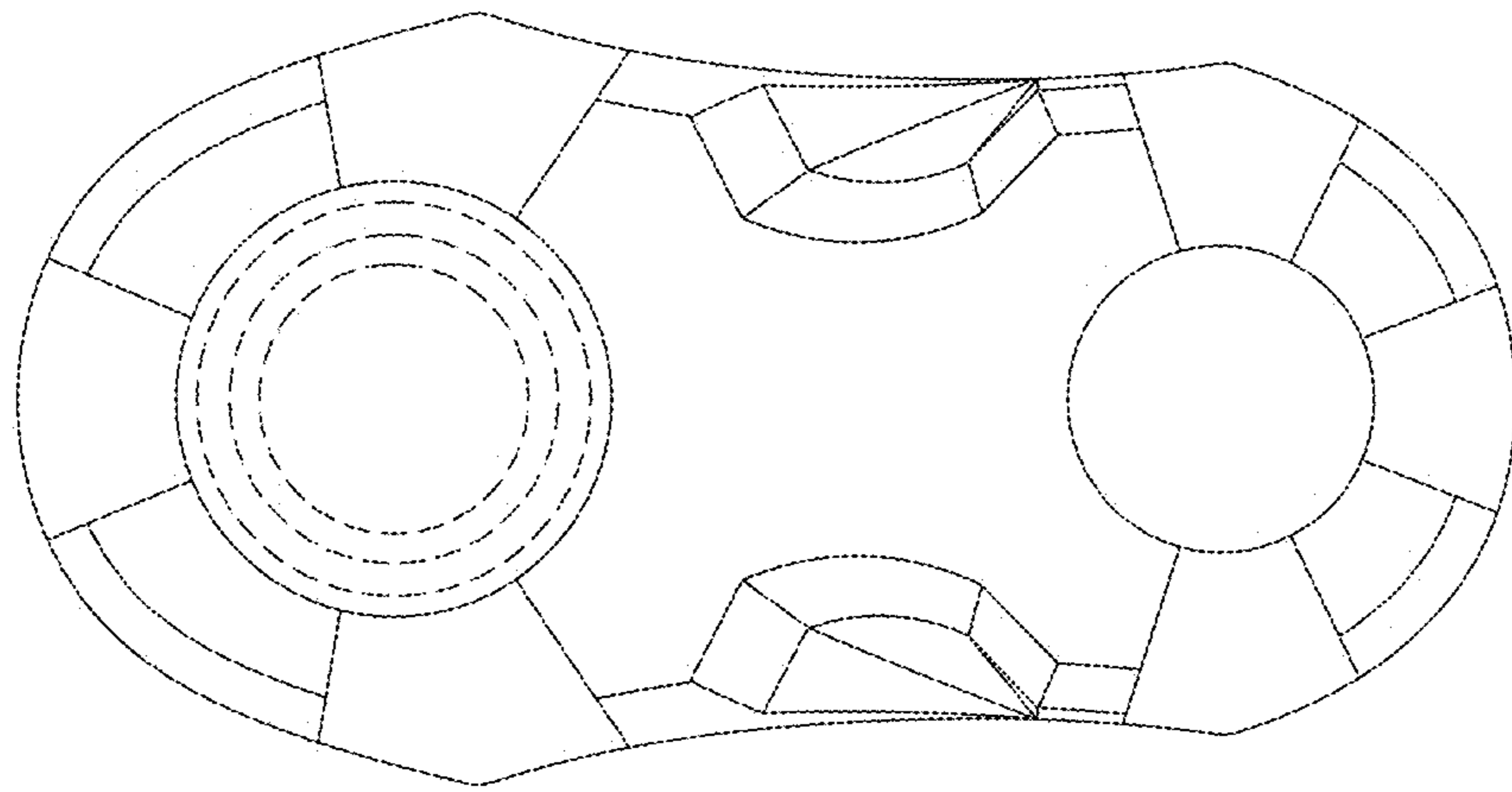


FIG. 4

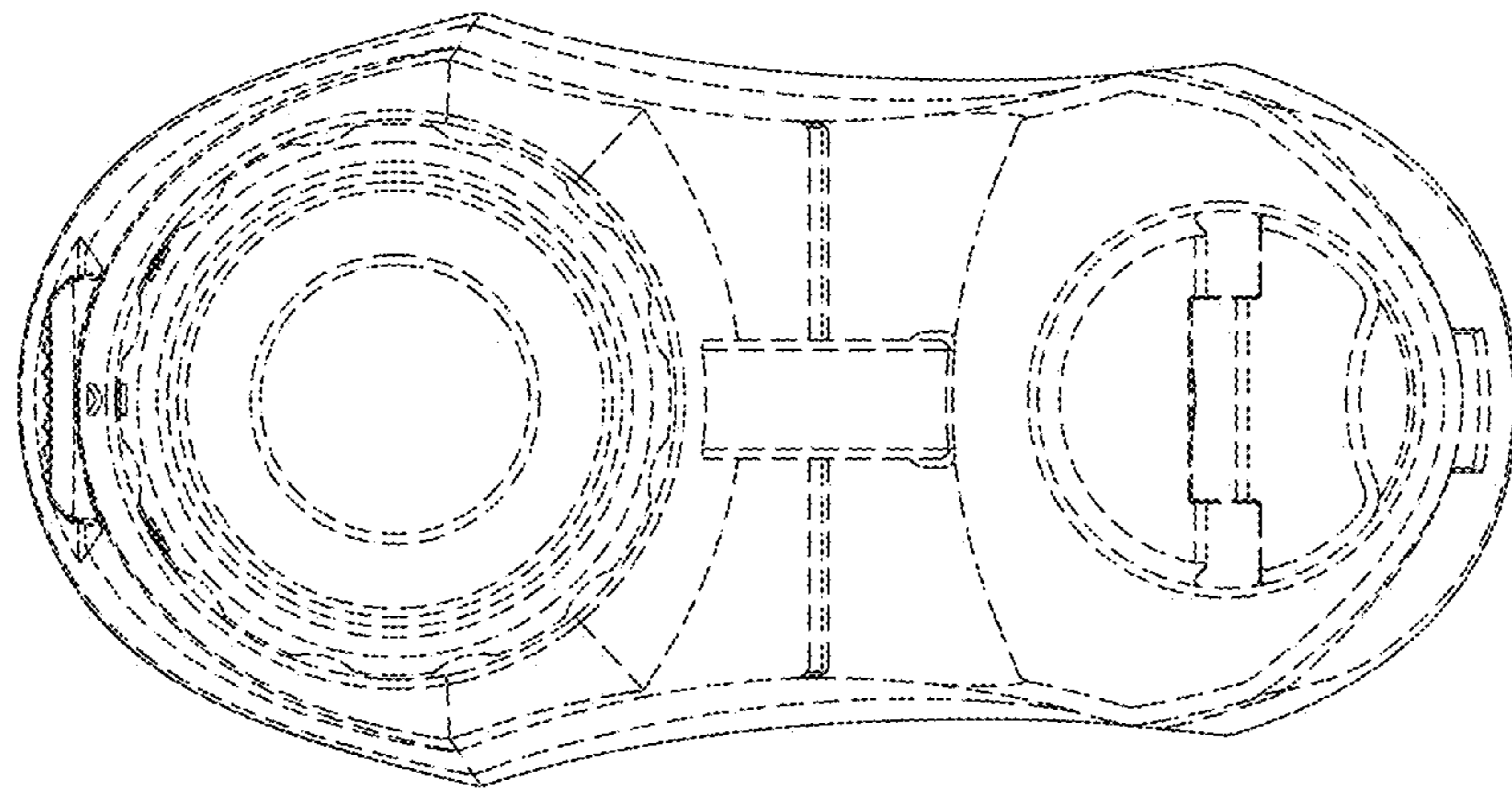


FIG. 5

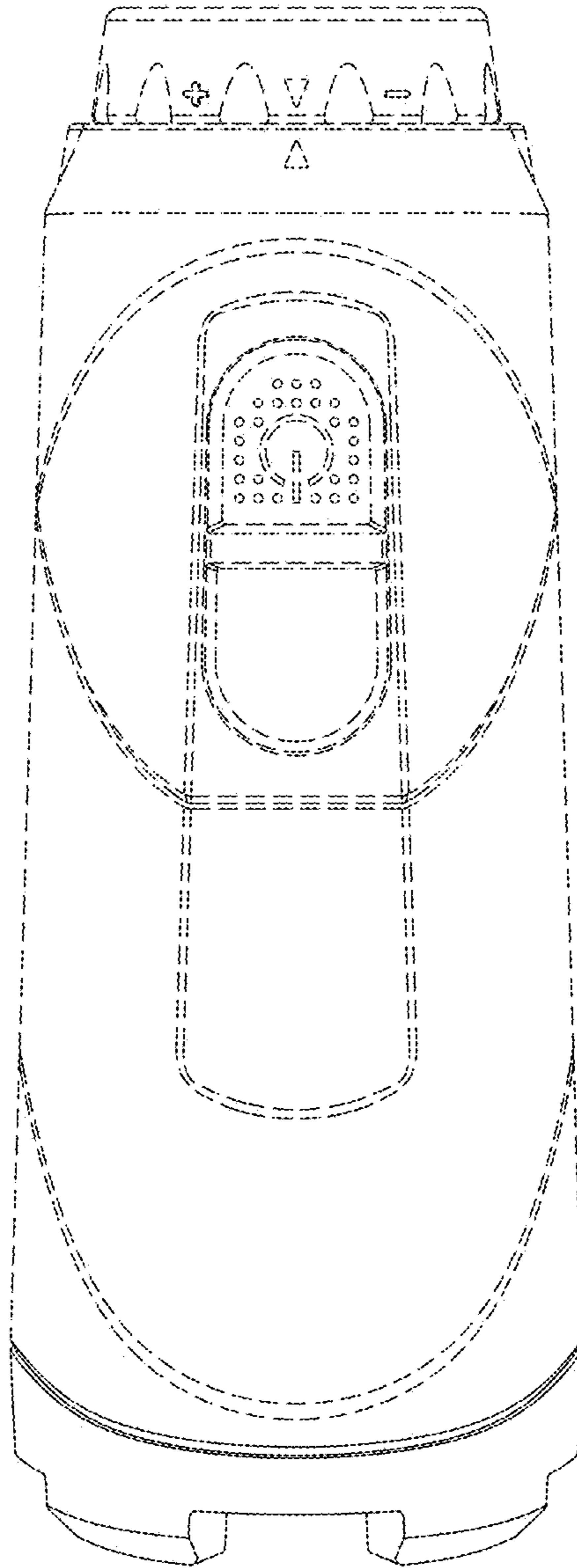


FIG. 6

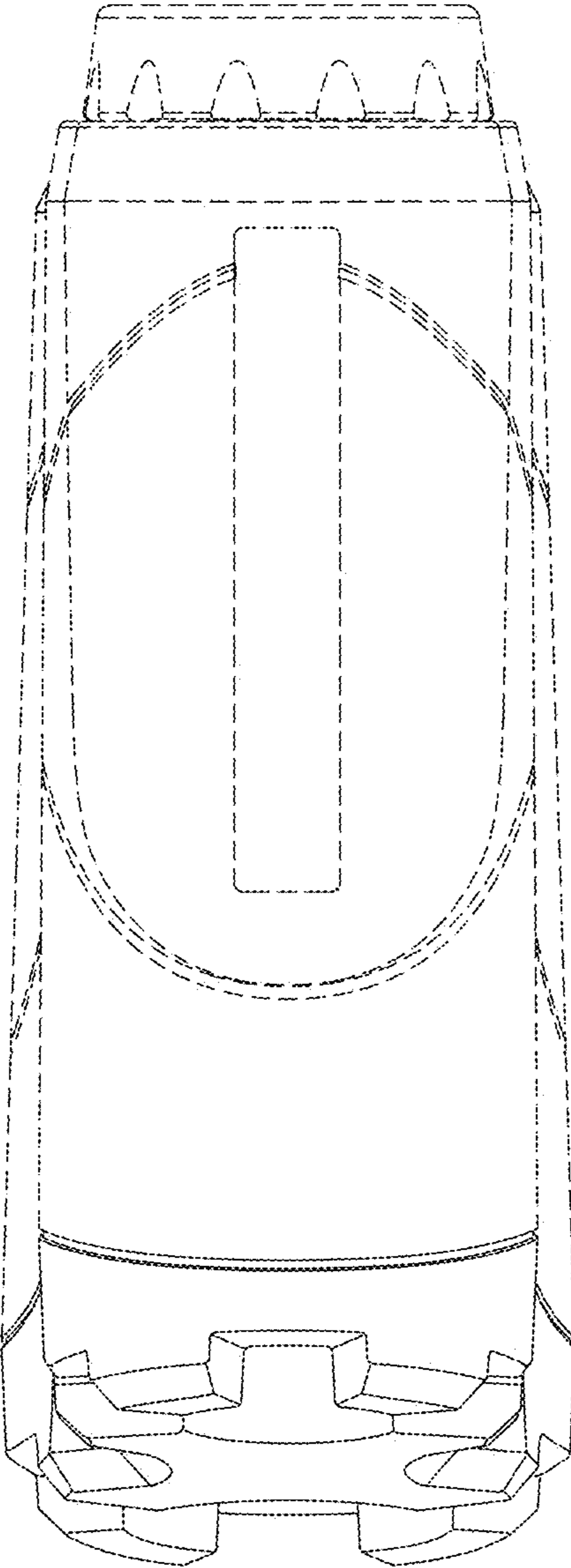


FIG. 7

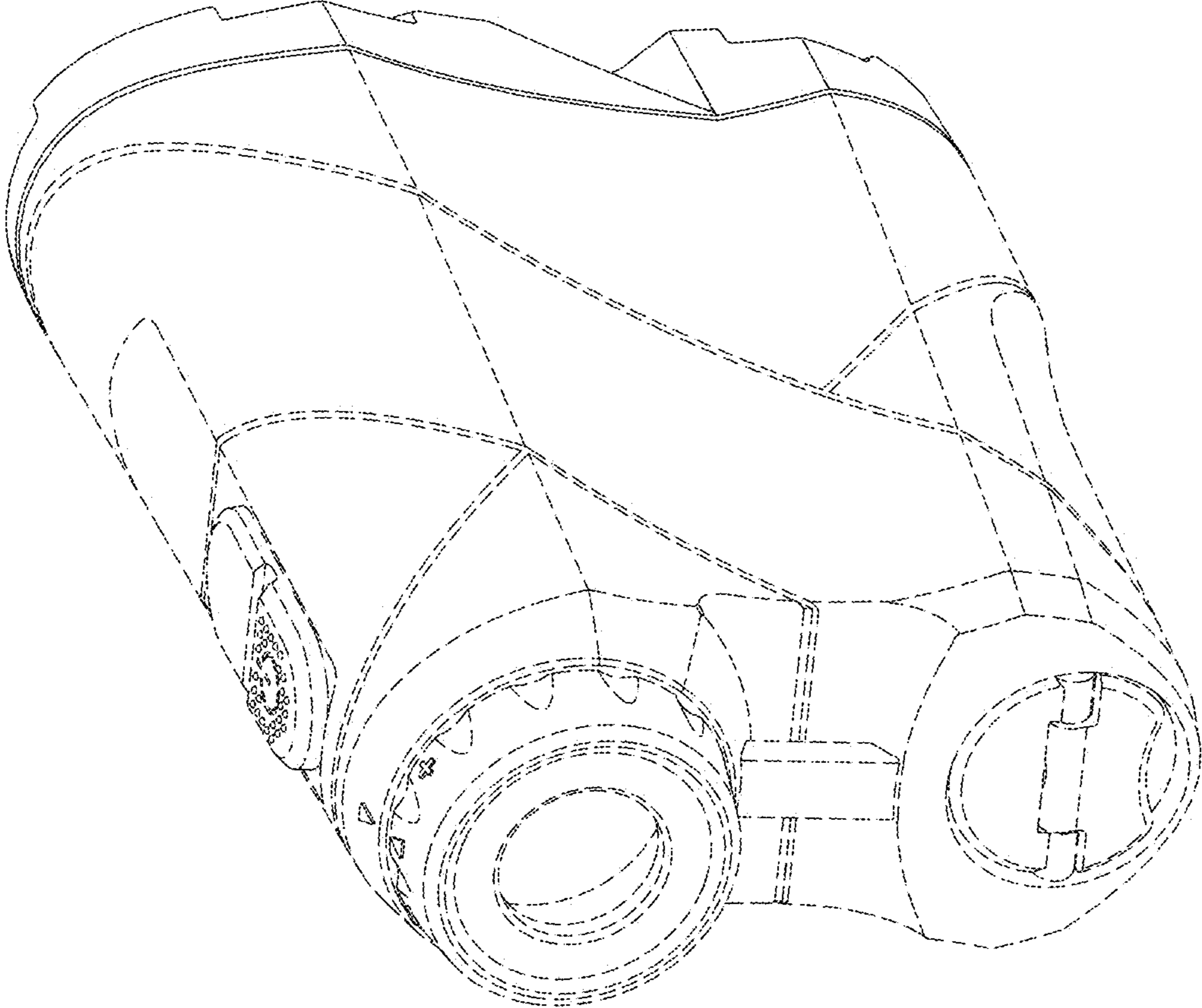


FIG. 8