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

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- (54) **ELECTRIC MOTOR**
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(**) Term: **15 Years**

(21) Appl. No.: **29/700,551**

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(30) **Foreign Application Priority Data**

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- (51) **LOC (13) Cl.** **13-01**
- (52) **U.S. Cl.**
USPC **D13/112**
- (58) **Field of Classification Search**
USPC D13/103, 107, 108, 110, 112, 113, 114,
D13/117, 118, 119, 122, 184, 199;
D15/1, 5; D12/180; D23/411
CPC H02K 11/00; H02K 15/16; H02K 11/0094
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D294,141 S *	2/1988	Ueda	.....	D13/112
D360,615 S *	7/1995	Sakashita	.....	D13/112
5,604,389 A *	2/1997	Nitta	.....	H02K 1/146 310/67 R
D502,917 S	3/2005	Bird et al.		
D610,088 S *	2/2010	Becker	.....	D13/114
D627,456 S *	11/2010	Glasbrenner	.....	D23/411
D713,339 S *	9/2014	Hutchinson	.....	D13/114
D751,036 S *	3/2016	Svensson	.....	D13/112
D790,467 S *	6/2017	Marth	.....	D13/112

D797,167 S *	9/2017	Rodriguez	.....	D15/123
2013/0328429 A1 *	12/2013	Enomoto	.....	H02K 16/00 310/114
2016/0197531 A1 *	7/2016	Chiou	.....	H02K 11/00 310/71

(Continued)

FOREIGN PATENT DOCUMENTS

CN	301033741	10/2009
CN	301048574	10/2009

(Continued)

OTHER PUBLICATIONS

“Genesis Robotics Actuator”. Found online Sep. 10, 2020 at facebook.com. Reference dated May 5, 2017. Retrieved from <https://www.facebook.com/genesisroboticsllp/photos/a.912147798927879/917668368375822/?type=3&theater>. (Year: 2017).*

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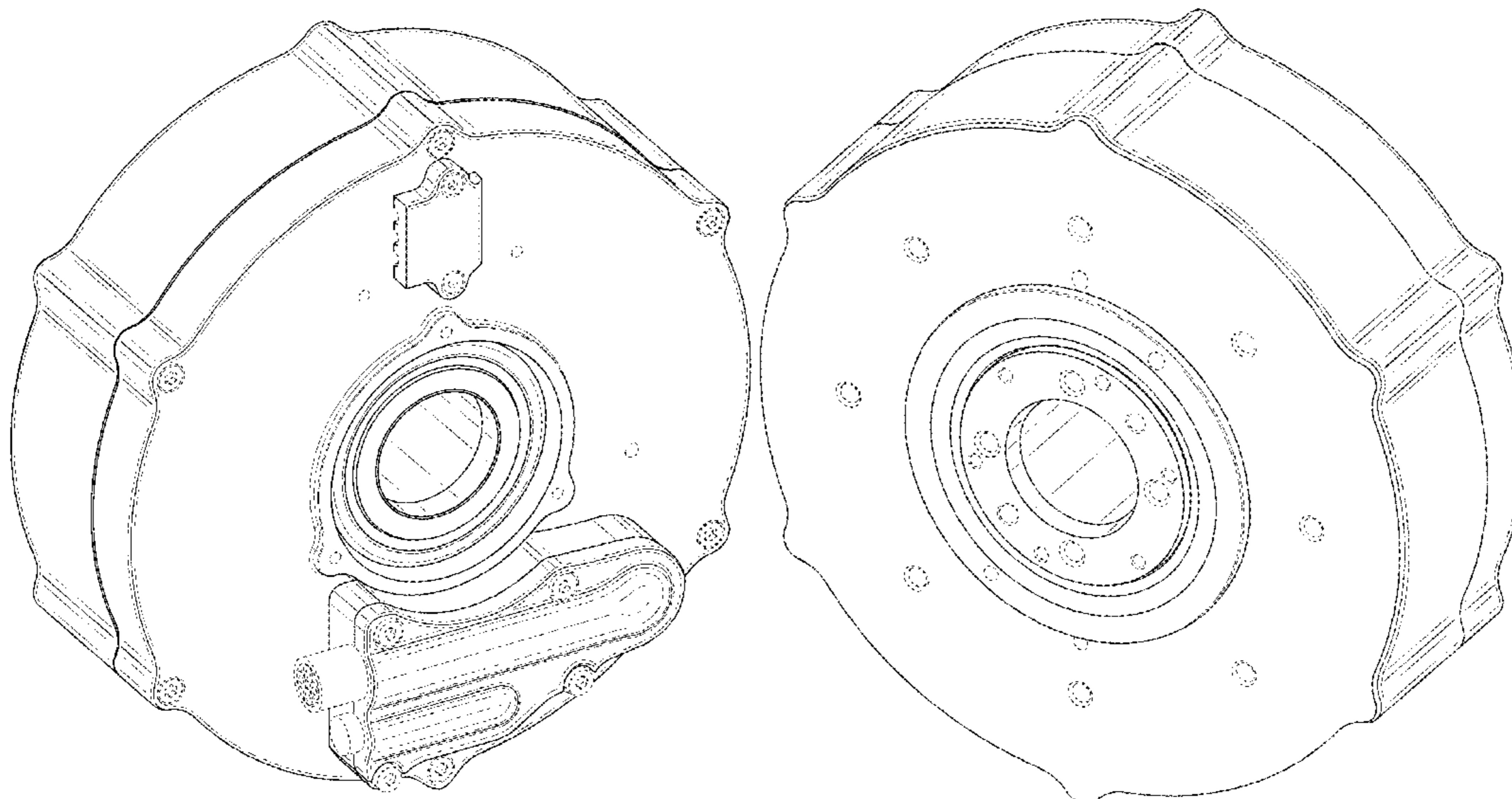
(57) **CLAIM**

The ornamental design for an electric motor, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, left perspective view for an electric motor, showing the new design;
 FIG. 2 is a rear, bottom, right, perspective view thereof;
 FIG. 3 is a front elevation view thereof;
 FIG. 4 is a rear elevation view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a left side view thereof; and,
 FIG. 8 is a right side view thereof.
 The equal-length broken lines depict portions of the electric motor that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0085140 A1* 3/2017 Tang H02K 1/2786
 2019/0185106 A1* 6/2019 Lin B60L 53/12

FOREIGN PATENT DOCUMENTS

CN 301052895 11/2009
 CN 302019917 S 8/2012
 CN 302063419 S 9/2012
 EM 0010230300001 S 10/2008
 EM 0010230300002 S 10/2008
 EM 0010230300003 S 10/2008
 EM 0012927670001 S 9/2011
 EM 0012927670002 S 9/2011
 EM 0012927670003 S 9/2011
 EM 0021083400001 S 9/2012
 EM 0021083400002 S 9/2012
 EM 0021083400003 S 9/2012

EM 0021083400004 S 9/2012
 EM 0052627480001 S 5/2018
 EM 0052627480002 S 5/2018
 JP 1451198 S 8/2012
 JP 1454959 S 10/2012
 JP 1455330 S 10/2012

OTHER PUBLICATIONS

“Direct Drive Motors”. Found online Sep. 17, 2020 at motioncontrolonline.org. Reference dated Jan. 30, 2016. Retrieved from <https://web.archive.org/web/20160130193041/http://www.motioncontrolonline.org:80/products/direct-drive.cfm>. (Year: 2016).*
 “Wheel Motor Design”. Found online Sep. 17, 2020 at greencarreports.com. Reference dated Jul. 10, 2012. Retrieved from https://www.greencarreports.com/news/1050749_protean-inside-out-wheel-motor-design-a-company-to-watch. (Year: 2012).*

* cited by examiner

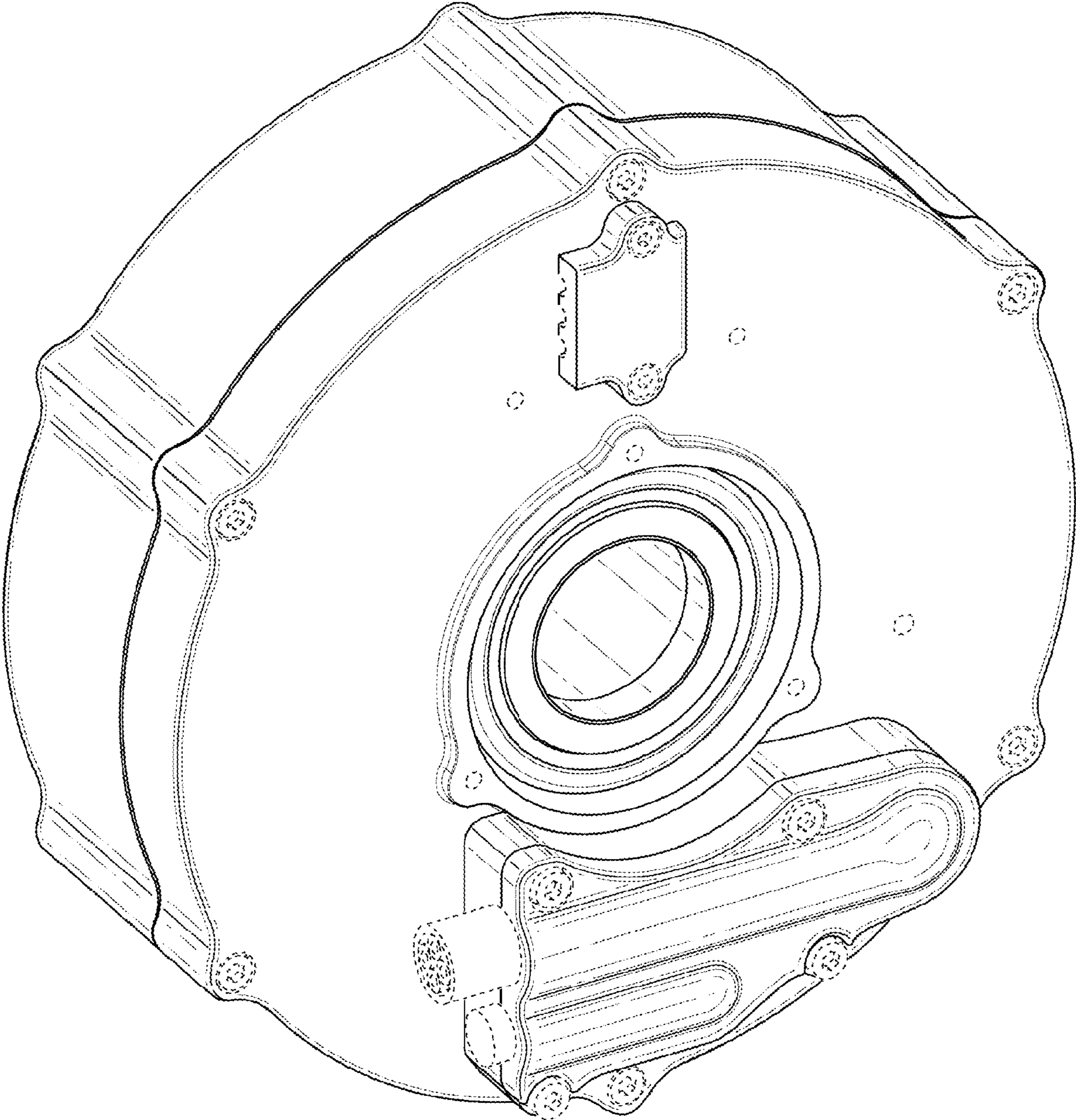


FIG. 1

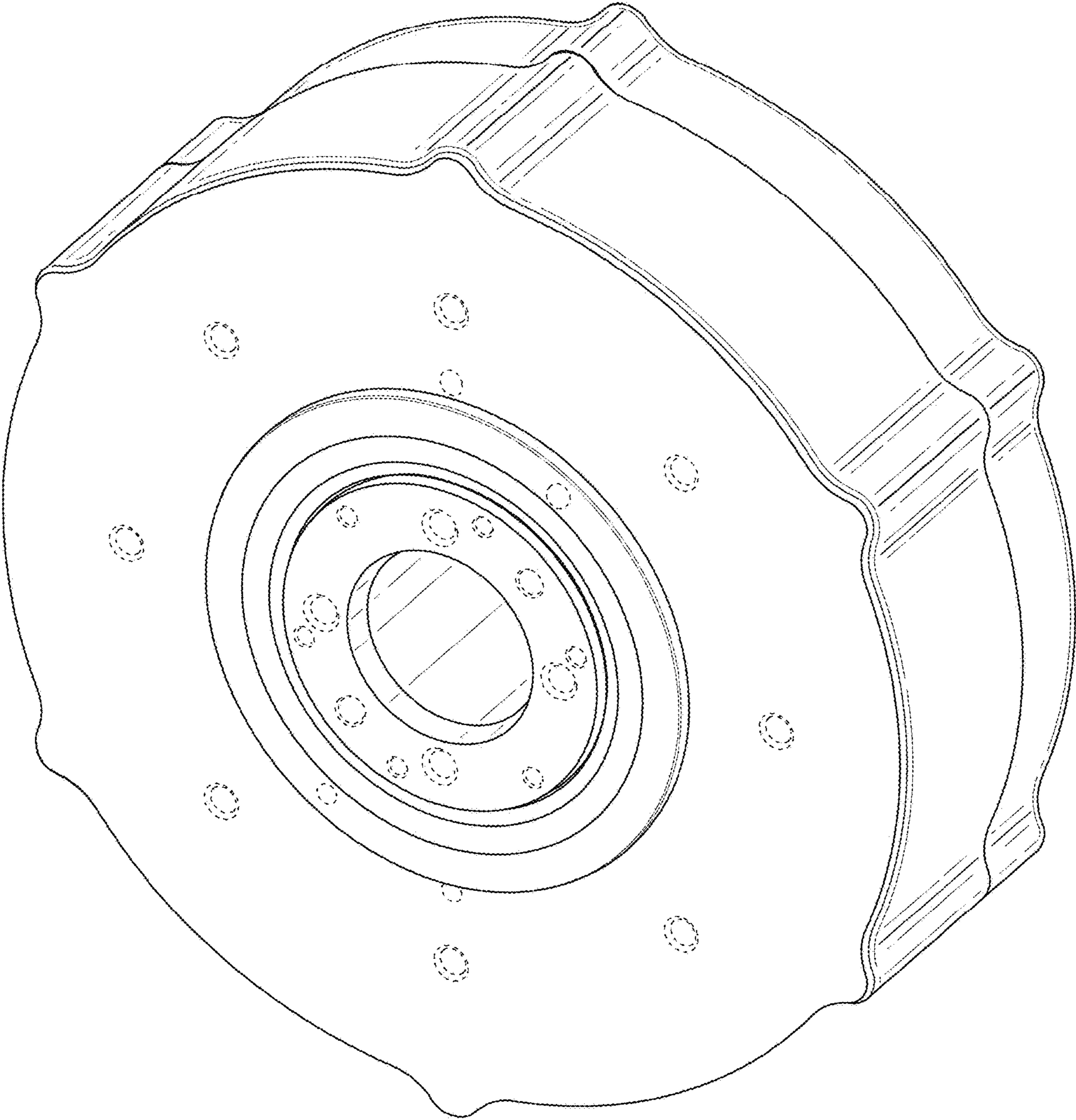


FIG. 2

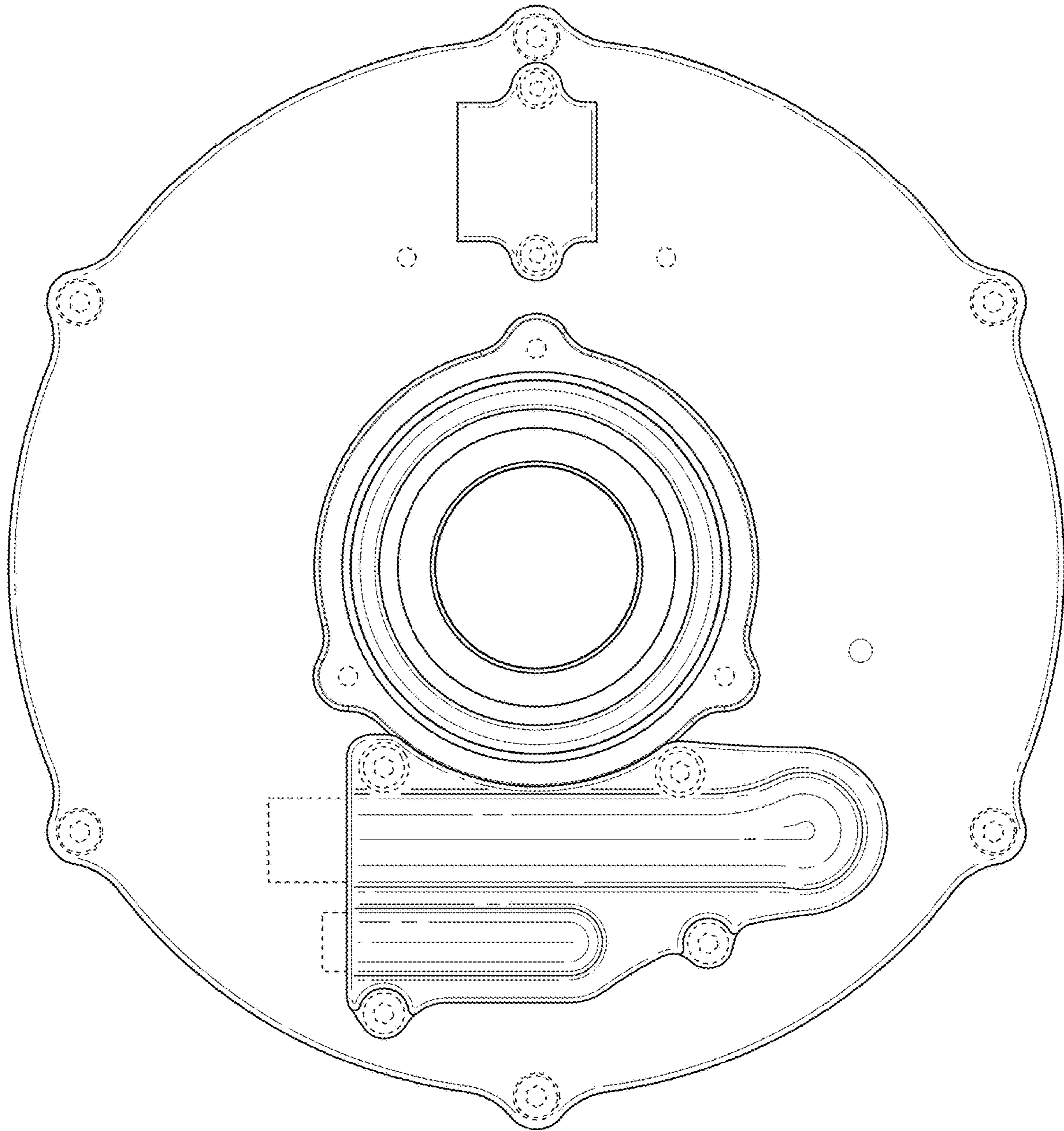


FIG. 3

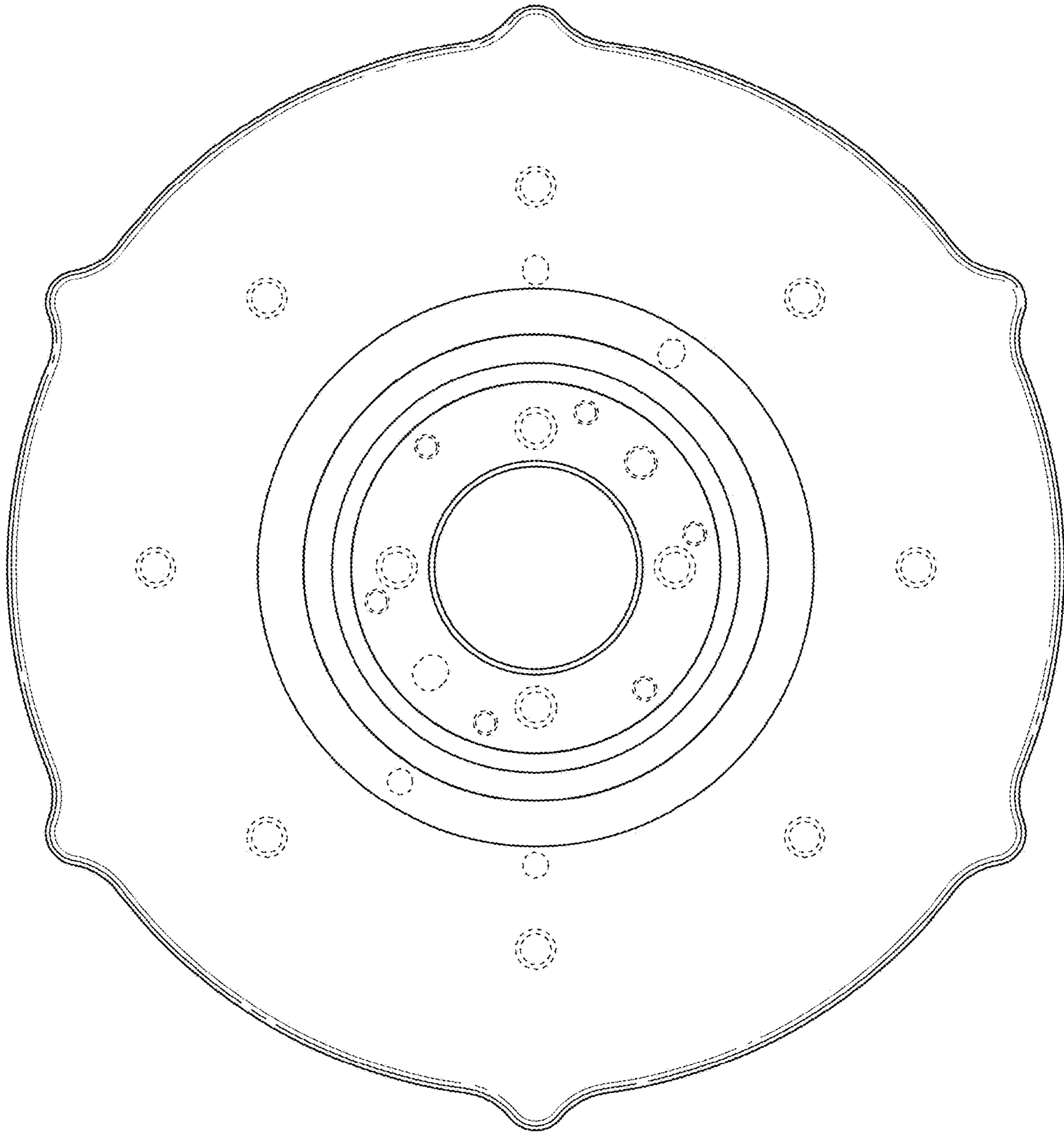


FIG. 4

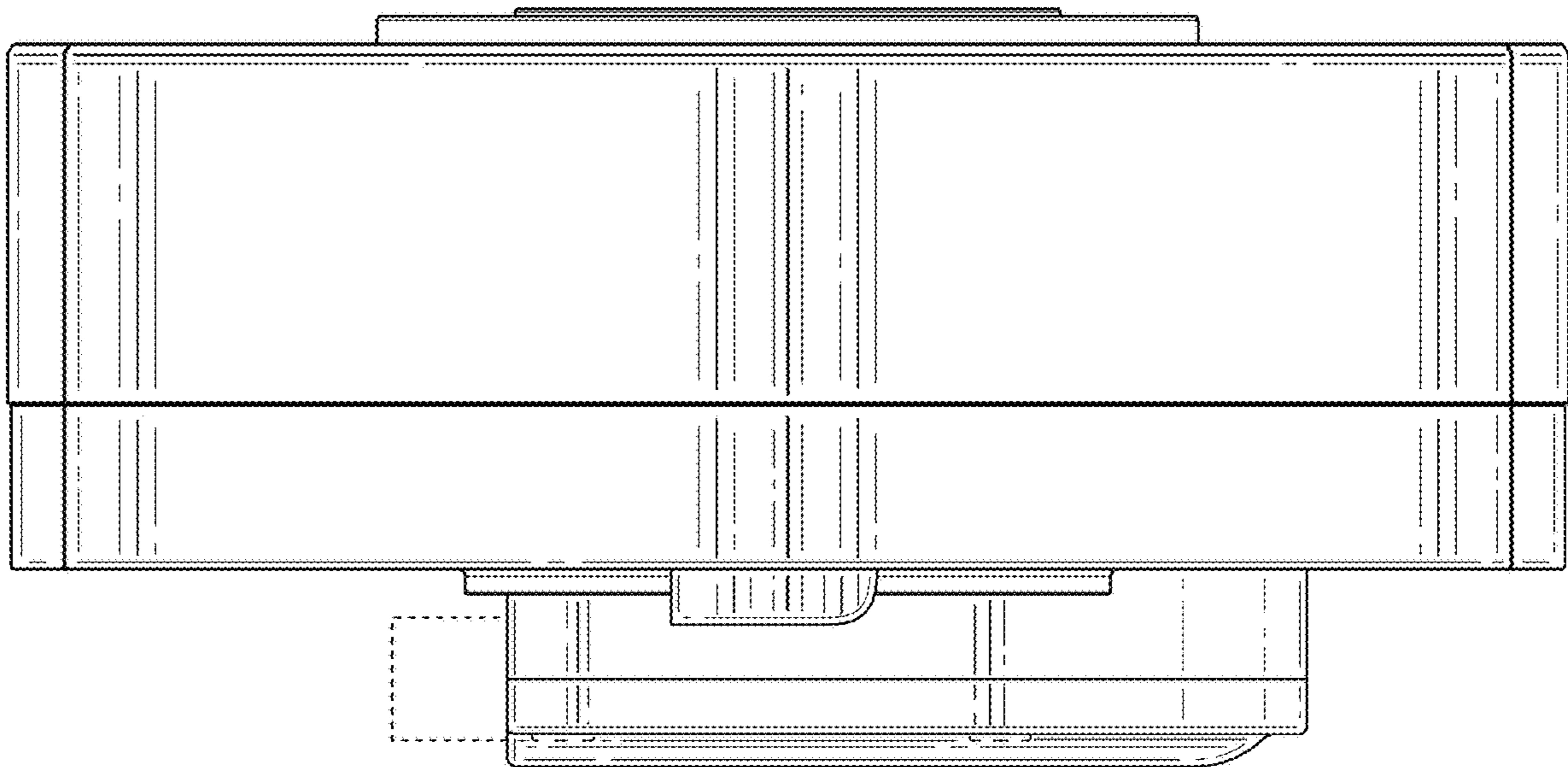


FIG. 5

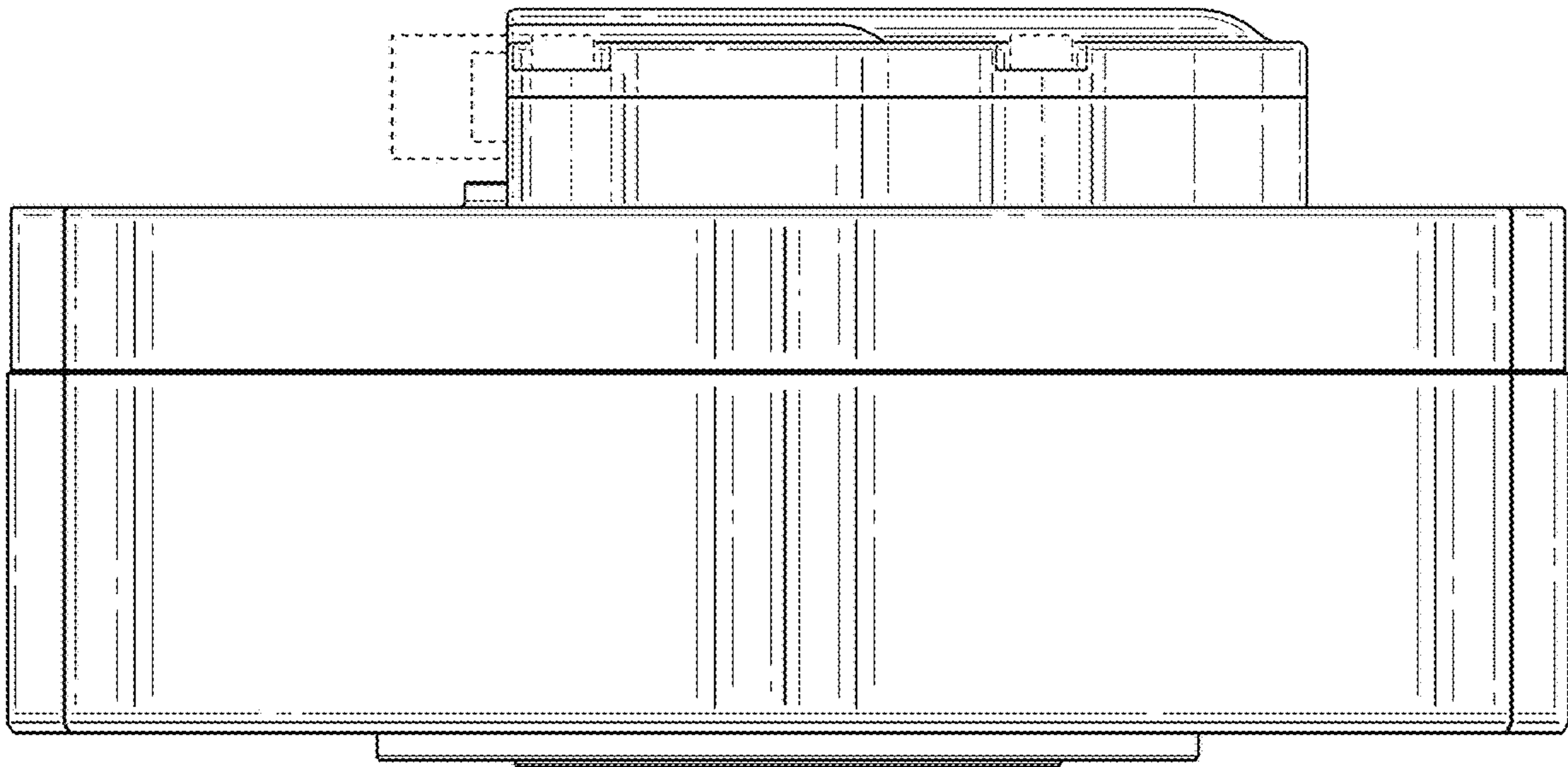


FIG. 6

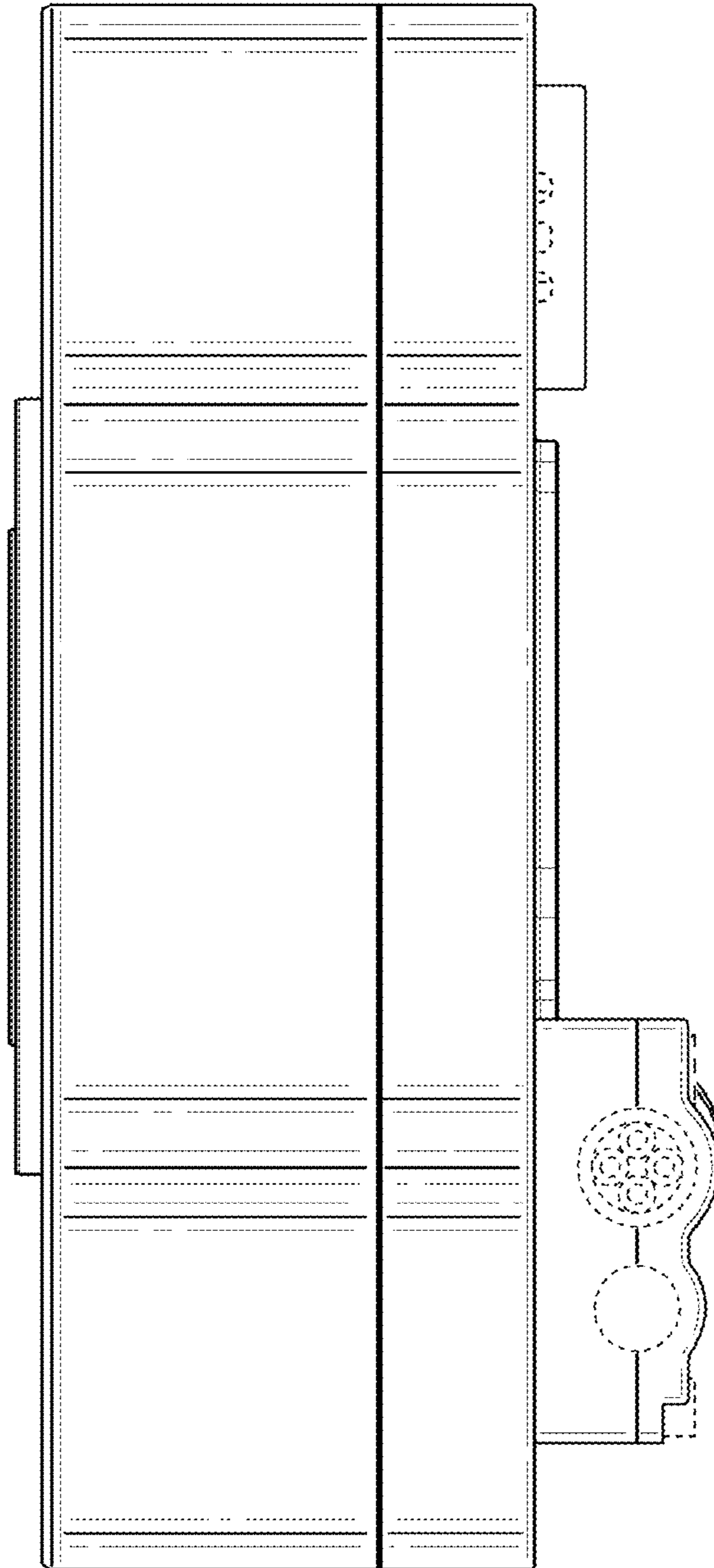


FIG. 7

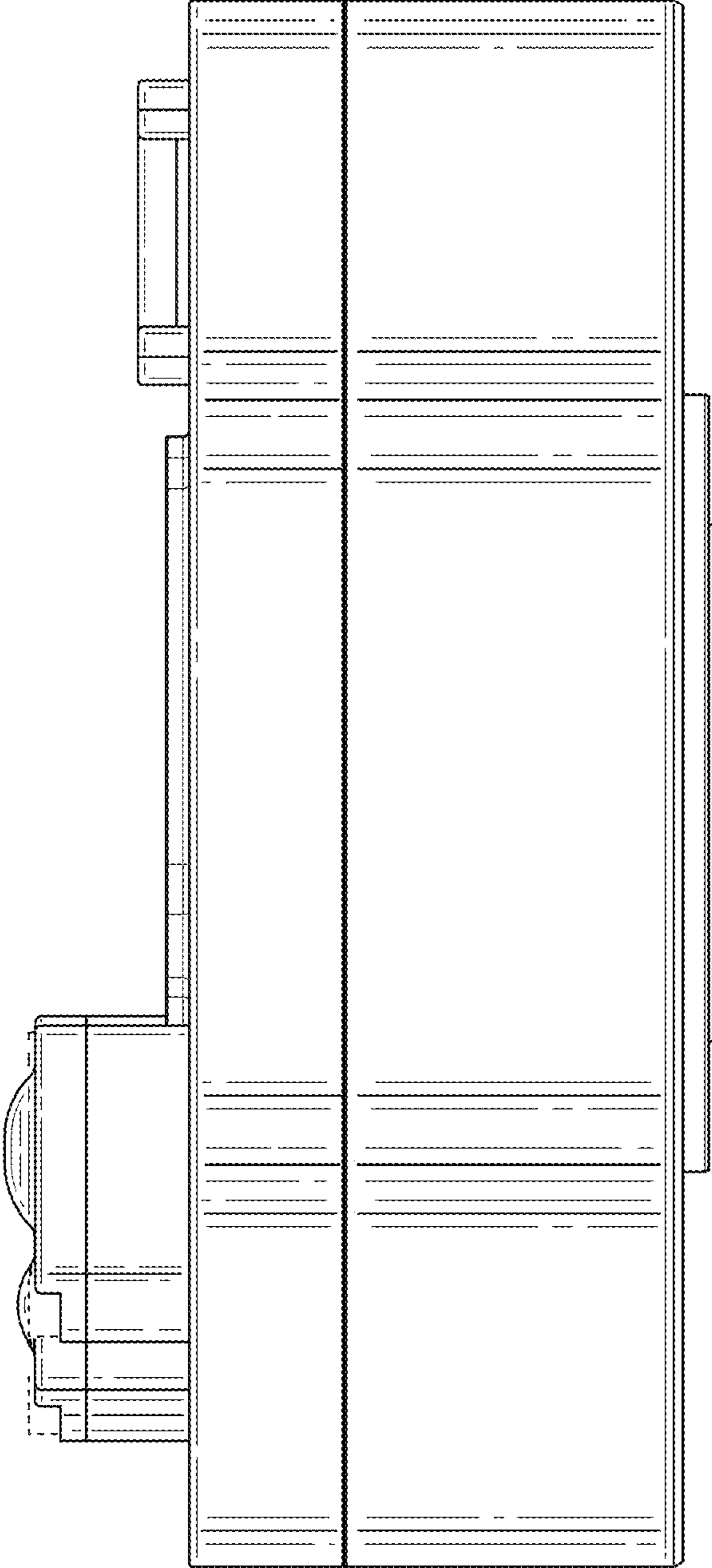


FIG. 8