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Banhegyesi et al.

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(54) **ELECTRONIC POWER METER**

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(73) Assignee: **Electro Industries/Gauge Tech**, Westbury, NY (US)

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

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

(52) **U.S. Cl.**
USPC **D10/100**

(58) **Field of Classification Search**
USPC D10/99, 100
CPC G01R 22/00; G01R 22/06; G01R 22/061; G01R 22/08; G01R 22/10; G01R 22/065; G01R 21/00; G01R 21/06; G01R 21/133; G01R 21/1331; G01R 21/1333; G01R 21/1335; G01R 21/1336; G01R 21/1338
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D56,045	S		8/1920	White
D76,149	S		2/1924	Olsen
1,705,301	A		3/1929	Miller
D187,740	S		4/1960	Littlejohn
D199,808	S		12/1964	Gazzam, III
D201,100	S		5/1965	Little et al.
D241,006	S		8/1976	Wallace
3,989,334	A		11/1976	Fortino
D273,574	S		4/1984	Overs
4,609,247	A		9/1986	Annoot
5,014,213	A		5/1991	Edwards et al.
D332,923	S		2/1993	Polydoris et al.
D343,786	S		2/1994	Hines et al.
D348,019	S		6/1994	Kocol et al.
D366,434	S		1/1996	Brown, III et al.
5,581,470	A		12/1996	Pawloski
D381,281	S	*	7/1997	Miller D10/100
5,897,661	A		4/1999	Baranovsky et al.
D427,533	S		7/2000	Cowan et al.
D429,655	S		8/2000	Cowan et al.
D435,471	S		12/2000	Simbeck et al.
6,183,274	B1		2/2001	Allum

(Continued)

OTHER PUBLICATIONS

BE1-951 Multifunction Protection System, Basler Electric, Sep. 2012 pp. 1-12.

(Continued)

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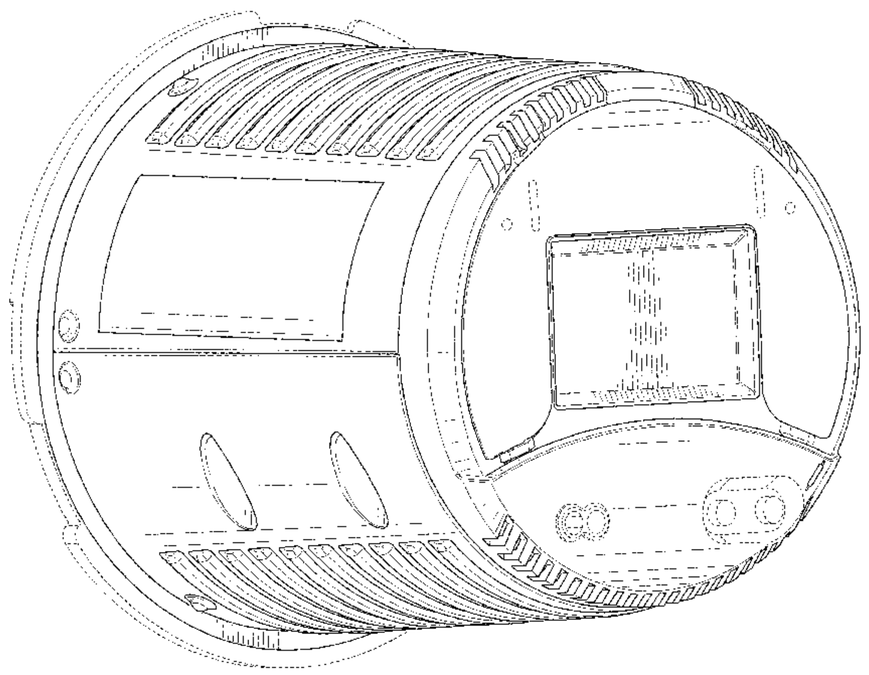
(57) **CLAIM**

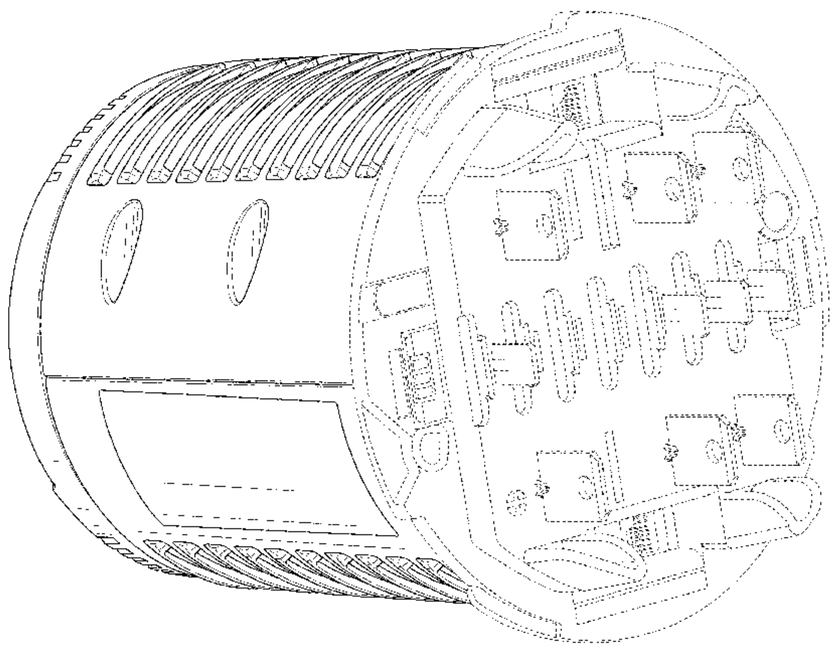
The ornamental design for an electronic power meter, as shown and described.

DESCRIPTION

FIG. **1** is a front, left perspective view of an electronic power meter showing our new design;
FIG. **2** is a rear, left perspective view thereof;
FIG. **3** is a rear, right perspective view thereof;
FIG. **4** is a front elevational view thereof;
FIG. **5** is a rear elevational view thereof;
FIG. **6** is a left side elevational view thereof;
FIG. **7** is a right side elevational view thereof;
FIG. **8** is a top plan view thereof; and,
FIG. **9** is a bottom plan view thereof.
The broken lines are for the purpose of illustrating portions of the electronic power meter and form no part of the claimed design.

1 Claim, 9 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

6,186,842	B1		2/2001	Hirschbold et al.
D439,535	S		3/2001	Cowan et al.
D443,541	S		6/2001	Hancock et al.
D455,066	S		4/2002	Kolinen
D458,863	S		6/2002	Harding et al.
D459,259	S		6/2002	Harding et al.
6,476,595	B1		11/2002	Heuell et al.
6,476,729	B1		11/2002	Liu
6,513,091	B1		1/2003	Blackmon et al.
6,654,842	B1		11/2003	Park
6,737,855	B2		5/2004	Huber et al.
6,745,138	B2		6/2004	Lightbody et al.
6,792,364	B2		9/2004	Jonker et al.
6,798,191	B1		9/2004	Macfarlane et al.
6,885,185	B1		4/2005	Makinson et al.
6,983,211	B2		1/2006	Macfarlene et al.
7,009,379	B2	*	3/2006	Ramirez H02J 3/14 324/142
D525,893	S		8/2006	Kagan et al.
D526,920	S		8/2006	Kagan et al.
D545,181	S		6/2007	Kagan et al.
7,256,709	B2		8/2007	Kagan
7,265,532	B2		9/2007	Karanam et al.
7,271,996	B2		9/2007	Kagan et al.
7,274,187	B2		9/2007	Loy
7,417,419	B2		8/2008	Tate
7,554,320	B2		6/2009	Kagan
D615,895	S		5/2010	Beattie
7,868,782	B2		1/2011	Ehrke et al.
D642,083	S		7/2011	Blanc et al.
7,994,934	B2		8/2011	Kagan
D653,572	S		2/2012	Ohtani et al.
8,176,174	B2		5/2012	Kagan
D666,933	S		9/2012	Hoffman et al.
8,310,403	B2		11/2012	Nahar
8,325,057	B2		12/2012	Salter
D682,720	S		5/2013	Kagan et al.
D682,721	S		5/2013	Kagan et al.
8,587,949	B2		11/2013	Banhegyesi et al.
D695,207	S	*	12/2013	Dams D10/98
D703,077	S		4/2014	Kagan et al.
D703,563	S		4/2014	Kagan et al.
8,717,007	B2		5/2014	Banhegyesi
D706,659	S		6/2014	Banhegyesi et al.
D706,660	S		6/2014	Banhegyesi et al.
D708,082	S		7/2014	Banhegyesi et al.
D708,533	S		7/2014	Banhegyesi et al.
D712,289	S		9/2014	Kagan et al.
D712,290	S		9/2014	Kagan et al.
D712,291	S		9/2014	Kagan et al.
2001/0027500	A1		10/2001	Matsunaga
2002/0162014	A1		10/2002	Przydatek et al.
2003/0175025	A1		9/2003	Watanabe et al.
2004/0138786	A1		7/2004	Blackett et al.
2004/0193329	A1		9/2004	Ransom et al.
2005/0273281	A1		12/2005	Wall et al.
2006/0070416	A1		4/2006	Teratani
2007/0067119	A1		3/2007	Loewen et al.
2012/0010831	A1		1/2012	Kagan
2014/0180613	A1		6/2014	Banhegyesi et al.

OTHER PUBLICATIONS

Nexus 1262/1272 High Performance Utility Billing Meters with Communication & Advanced Power Quality, Electro Industries/Gaugetech, 062112 pp. 1-12.

Jemstar High Accuracy Revenue Meter for Generation, Transmission, and Industrial Power Measurement, Ametek Power Instruments, 2012, pp. 1-2.

Jemstar Retrofit for Generation, Transmission, and Industrial Power Measurement, Ametek Power Instruments, 2007, pp. 1-2.

Mark-V EMS60 Intelligent Energy Meter, Advanced High-Accuracy Meter with Integrated Data Telemetry Solutions and Power Quality Monitoring, Transdata Energy Metering and Automation, 2010, pp. 1-2.

Nexus 1262/1272 Switchboard Meter Quick Start, Electro Industries-Gaugetech, 083112, pp. 1-4.

Powerlogic ION8650, Schneider Electric, 2011, pp. 1-12.

IEEE Standard Common Format for Transient Data Exchange, Oct. 15, 1999, IEEE, pp. 1-55.

Power Quality Standards Coordinating Committee, IEEE P1159.3/D9 Draft: Recommended Practice for the Transfer of Power Quality Data, Aug. 1, 2002, IEEE Standards Activities Department, pp. 1-129.

Anderson, D., USB System Architecture, Nov. 2000, Addison-Wesley Professional, 9th Printing, pp. 22-23.

* cited by examiner

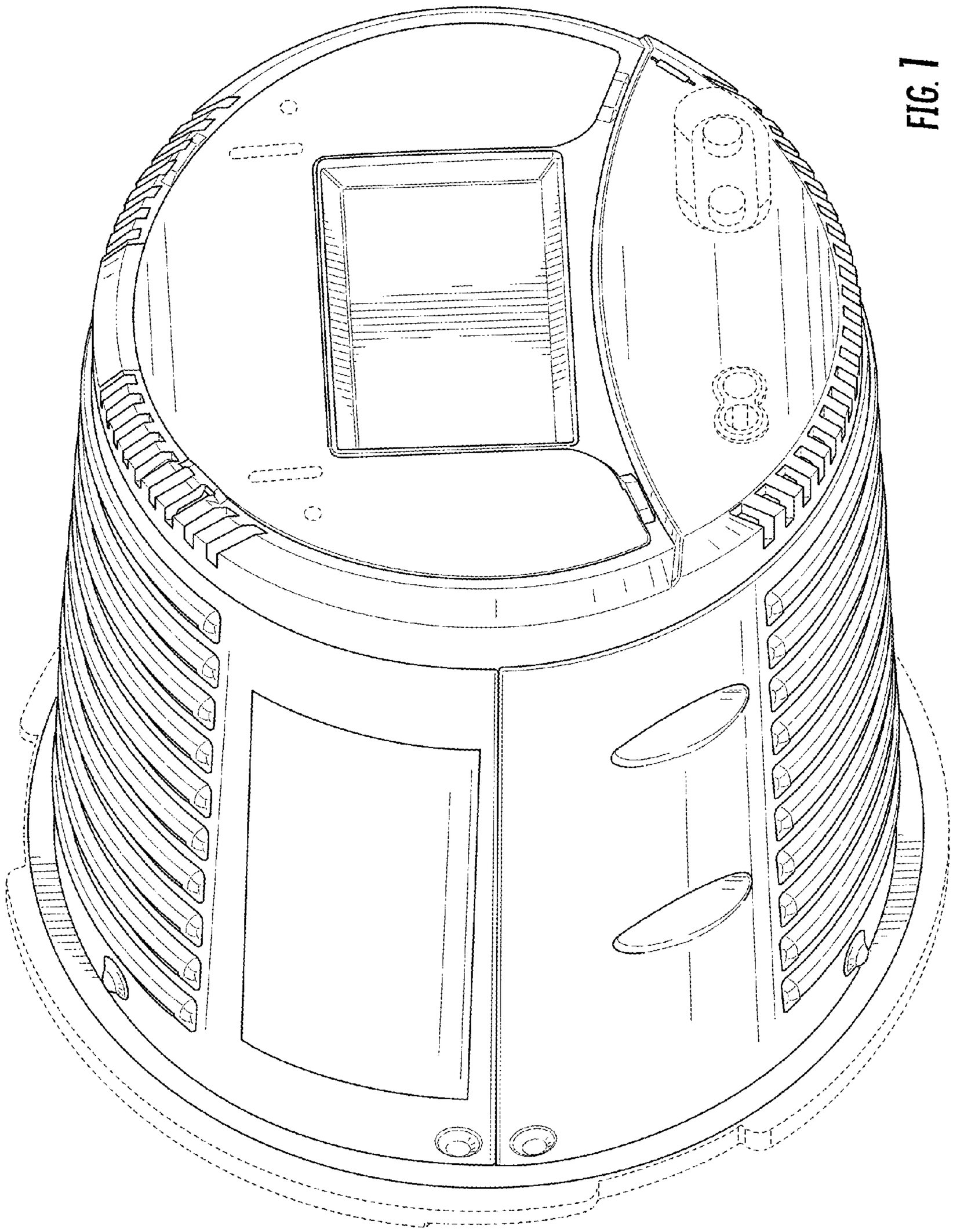


FIG. 1

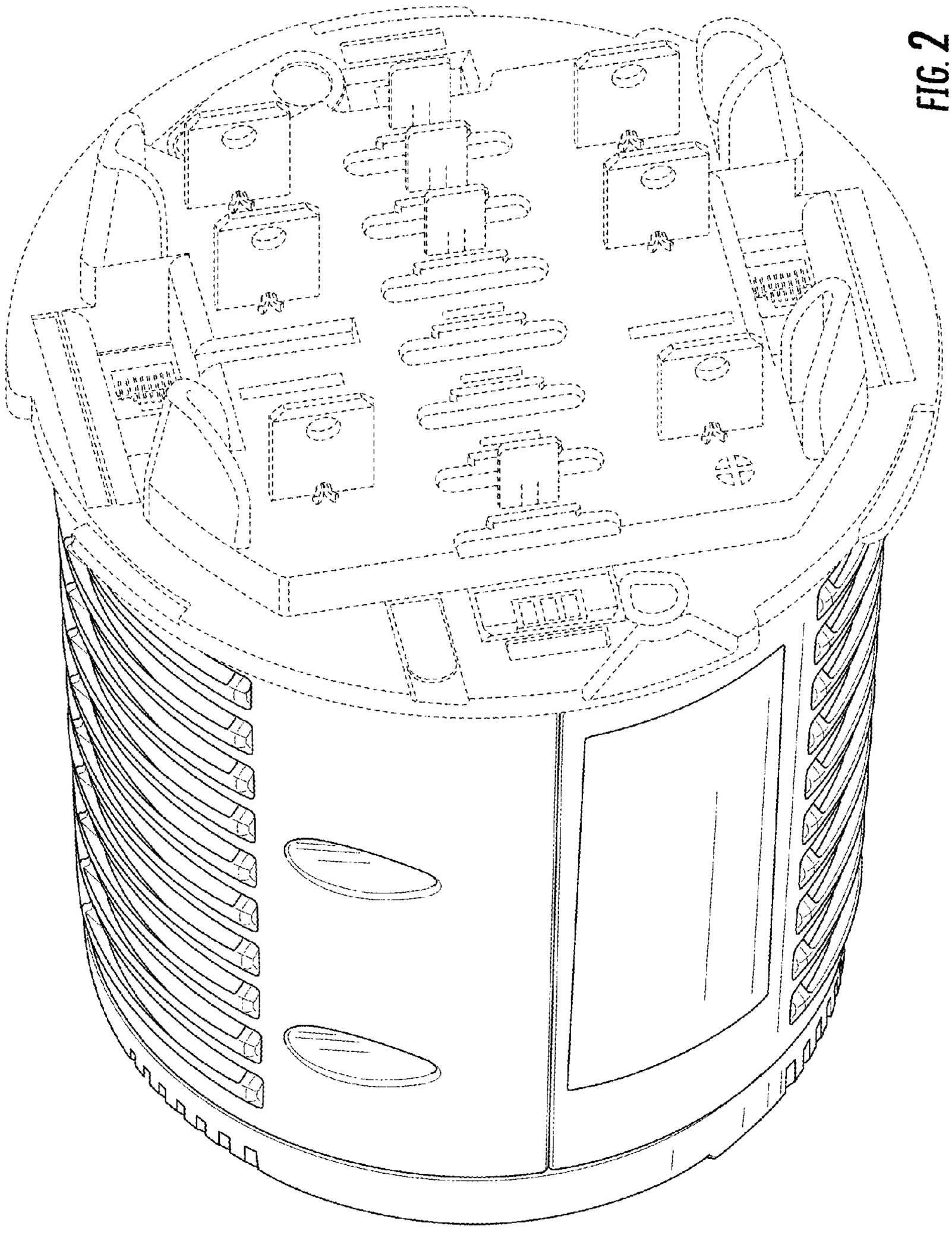
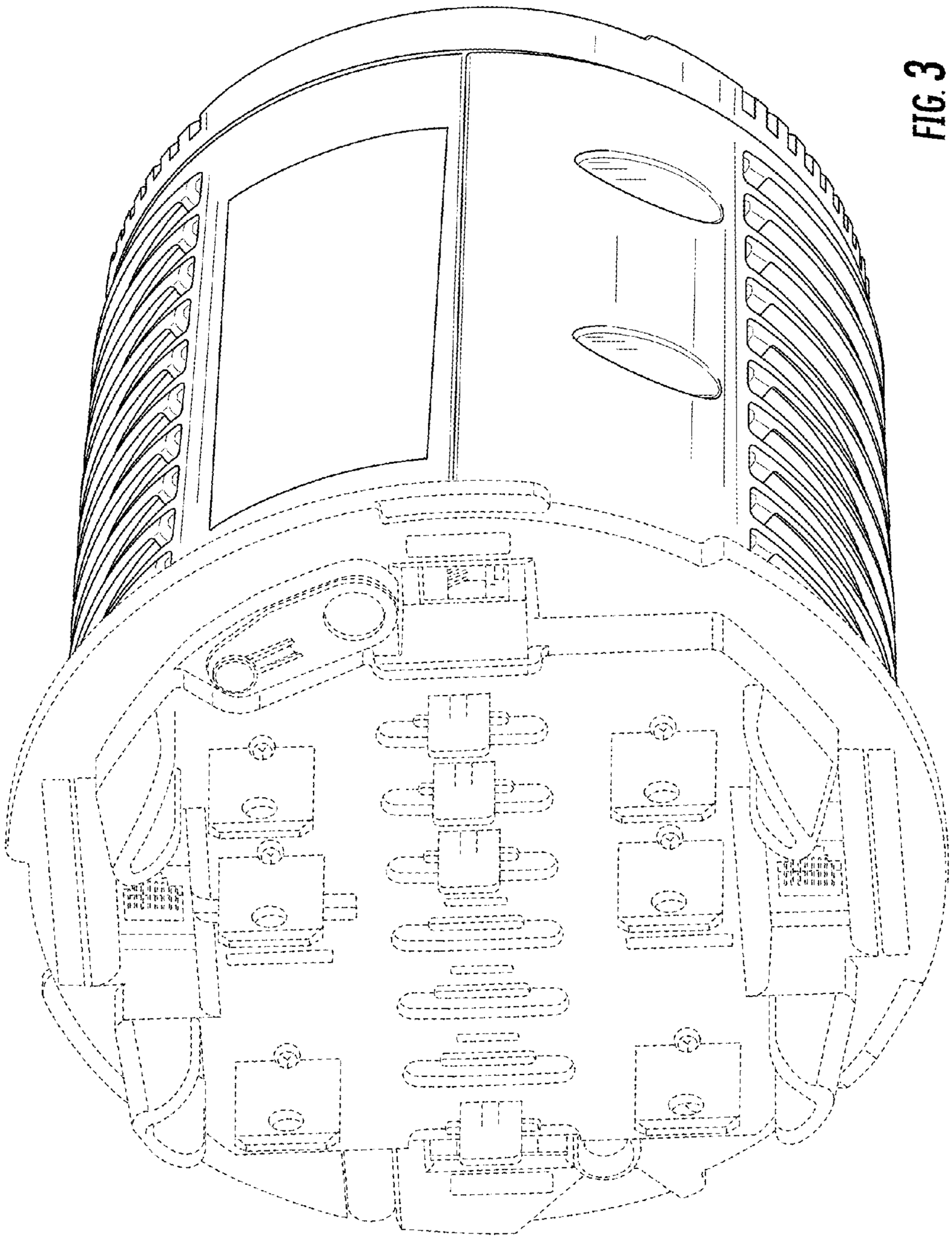


FIG. 2



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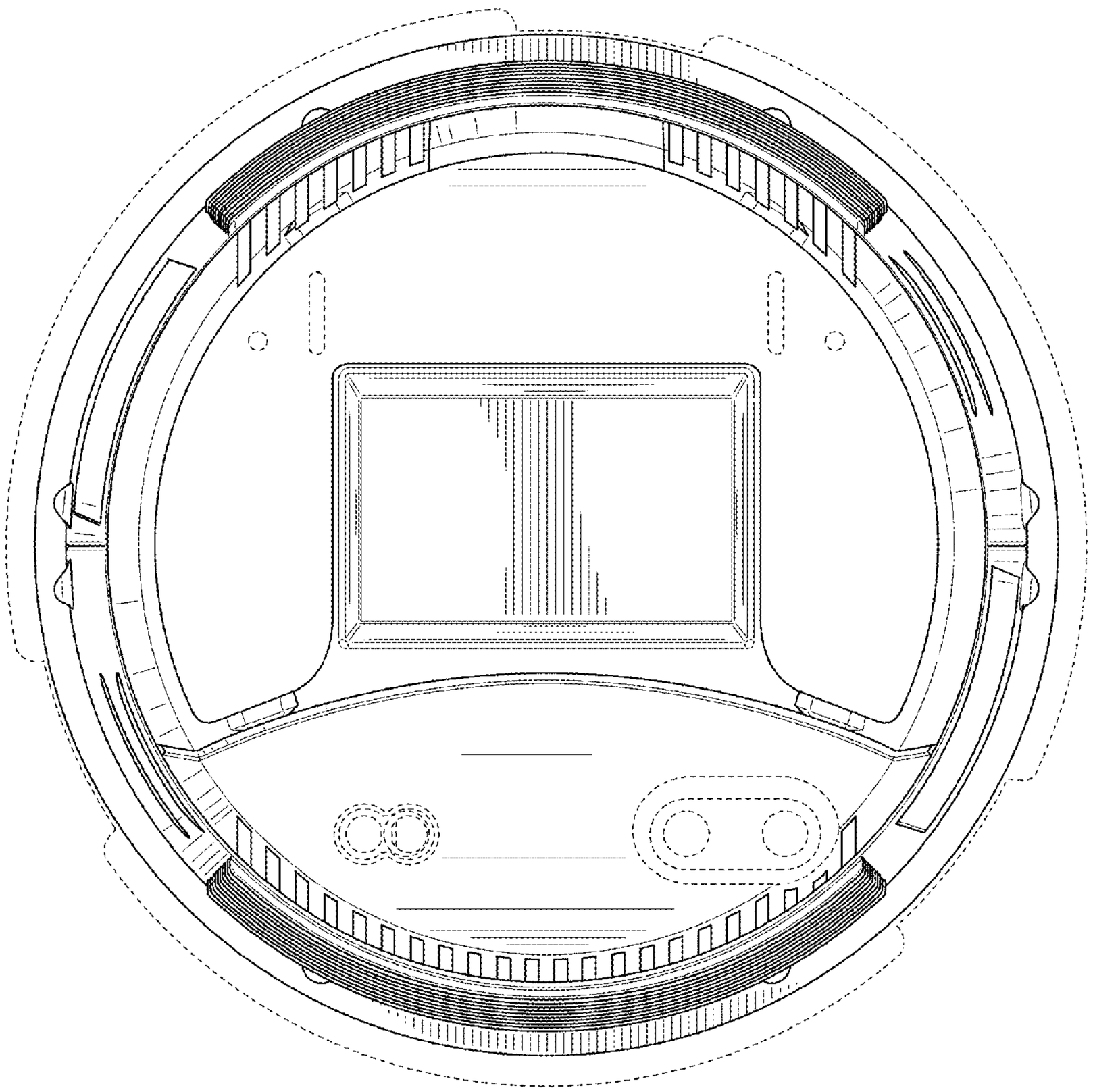

FIG. 4

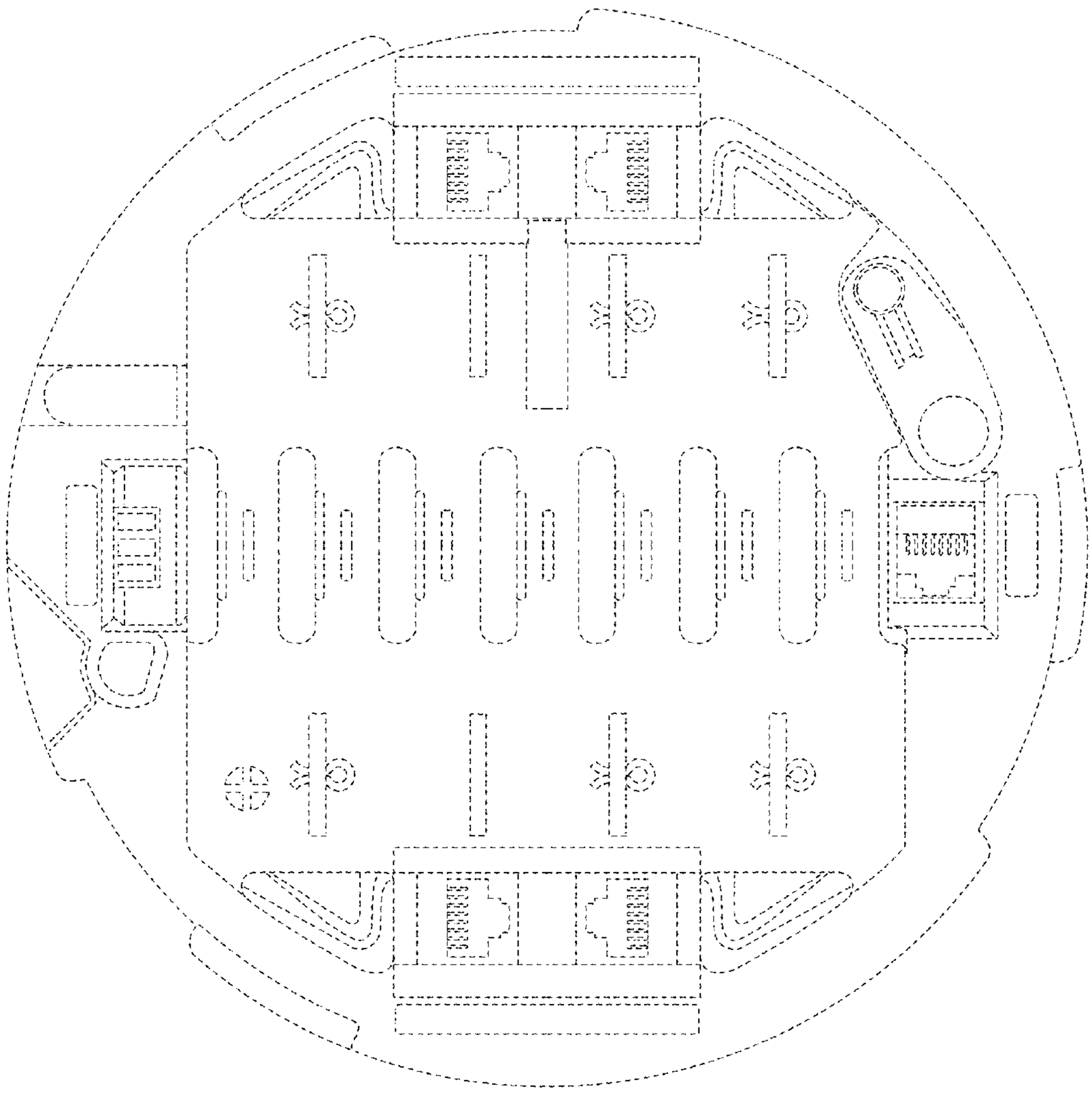

FIG. 5

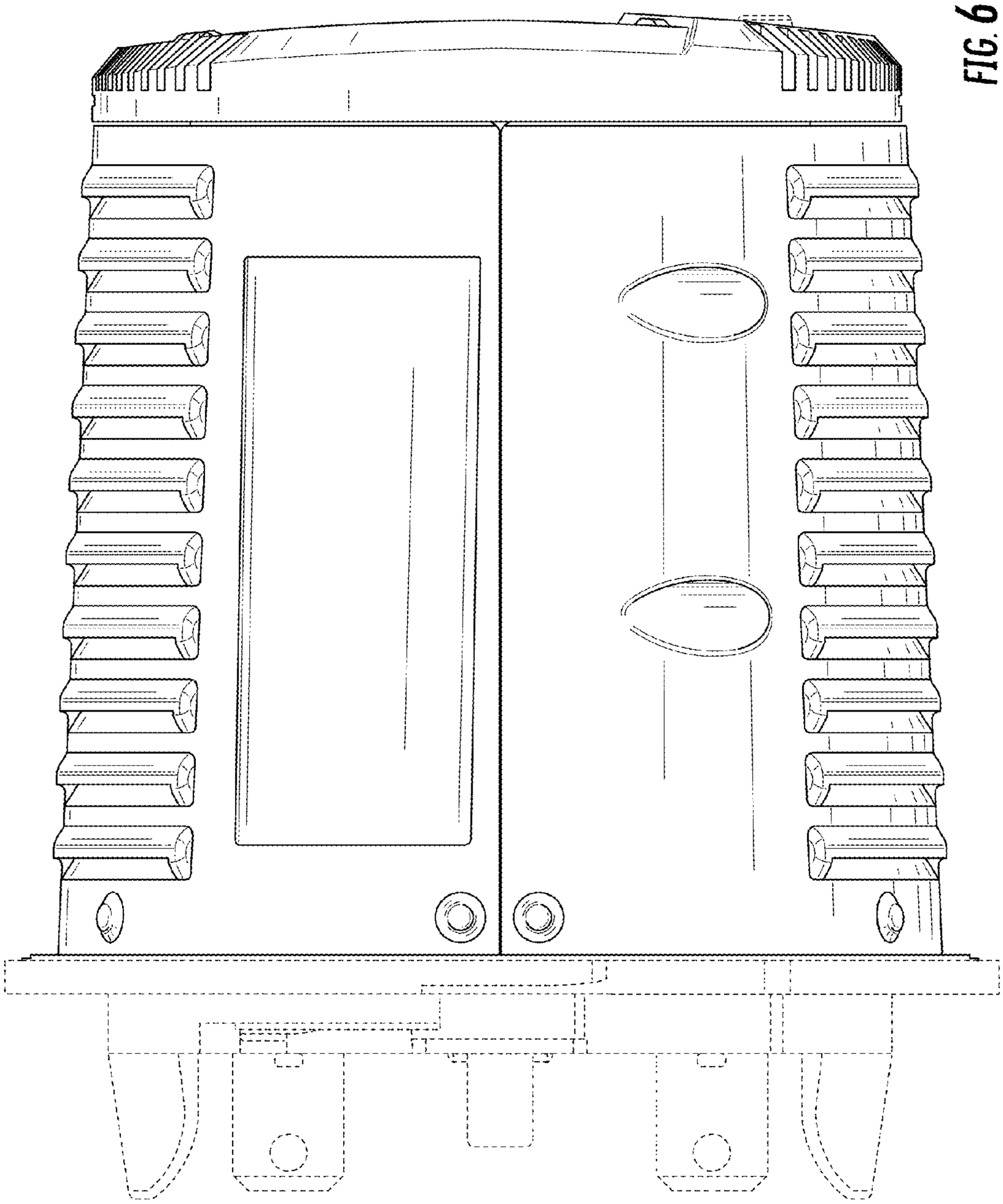

FIG. 6

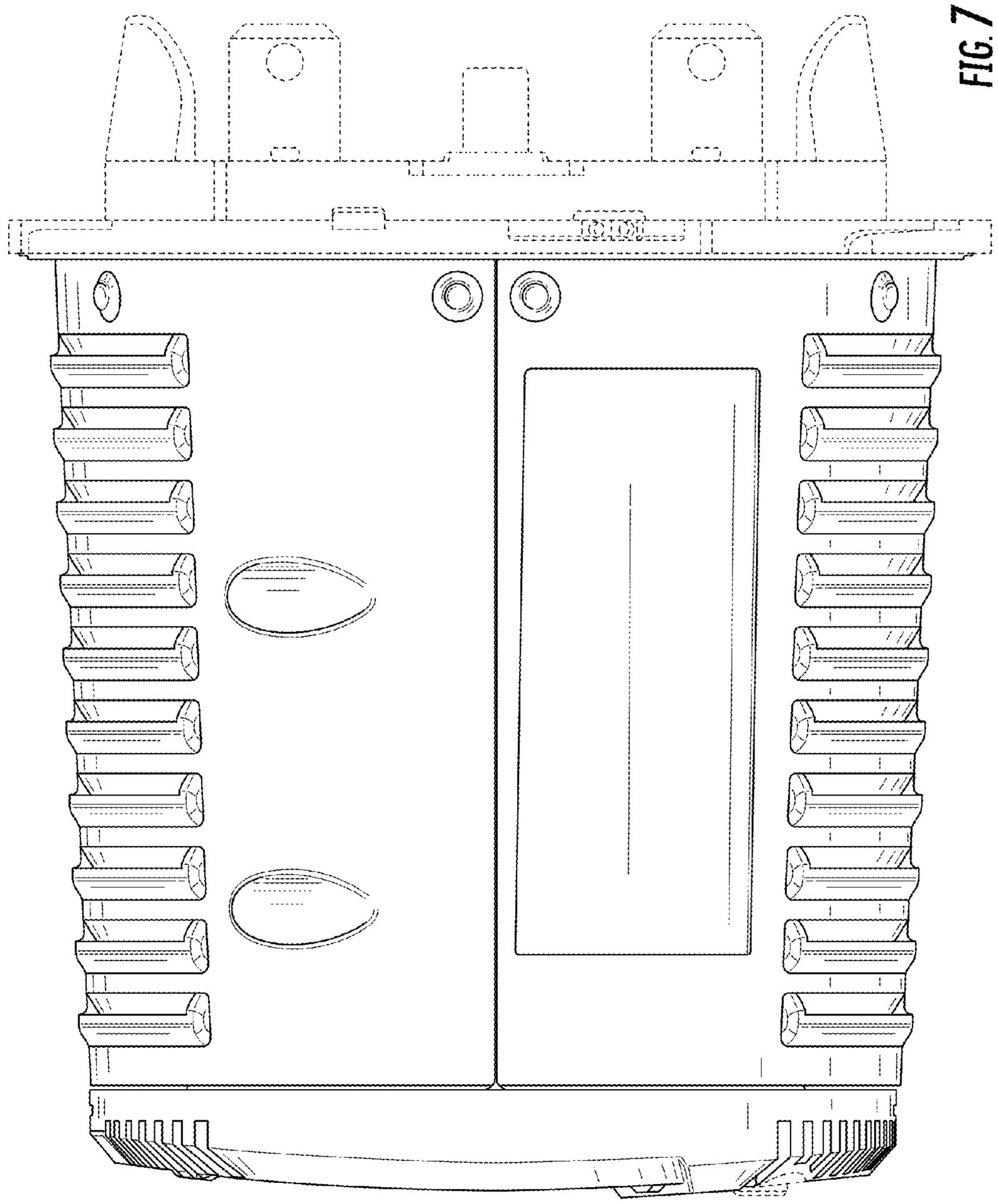

FIG. 7

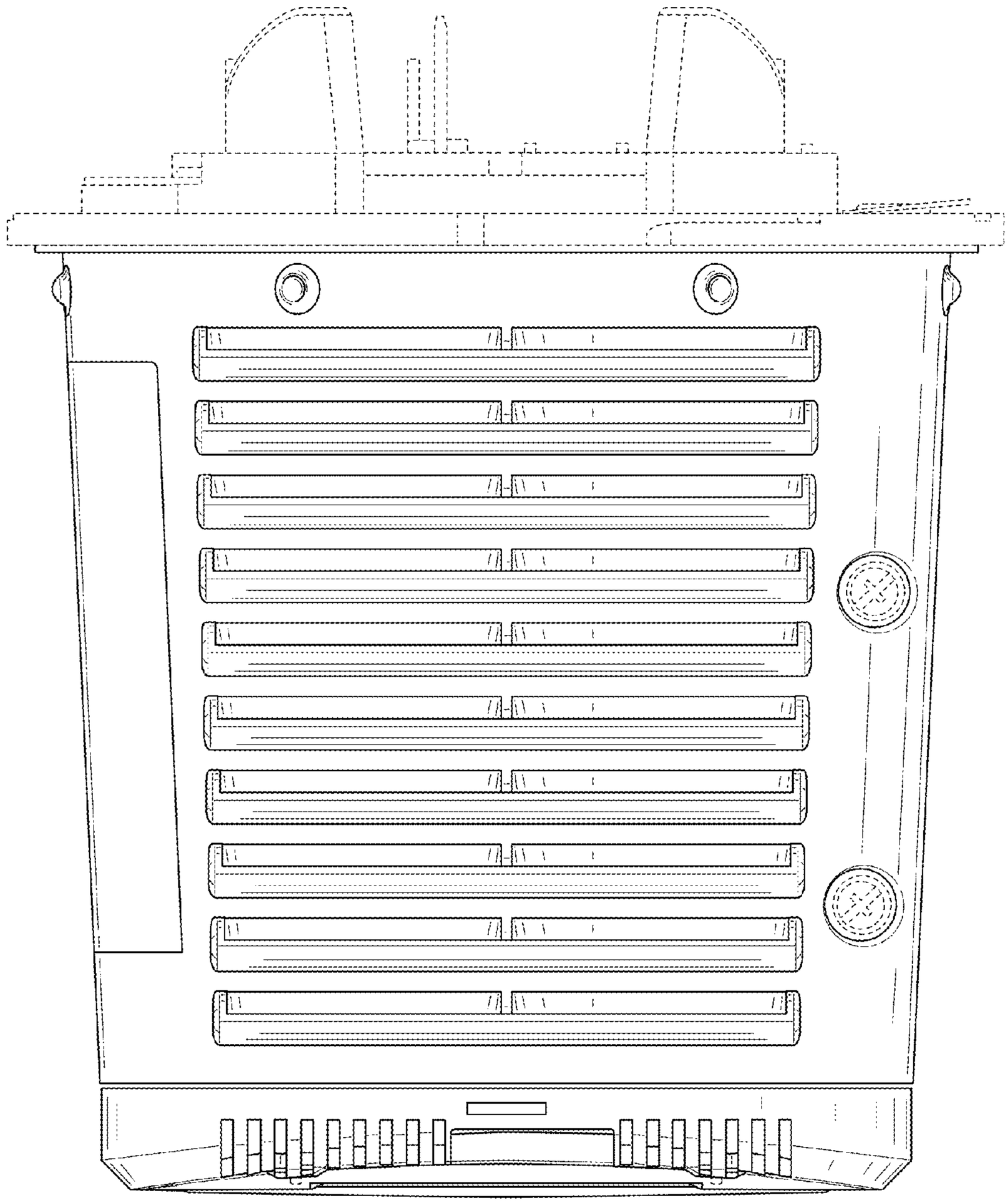

FIG. 8

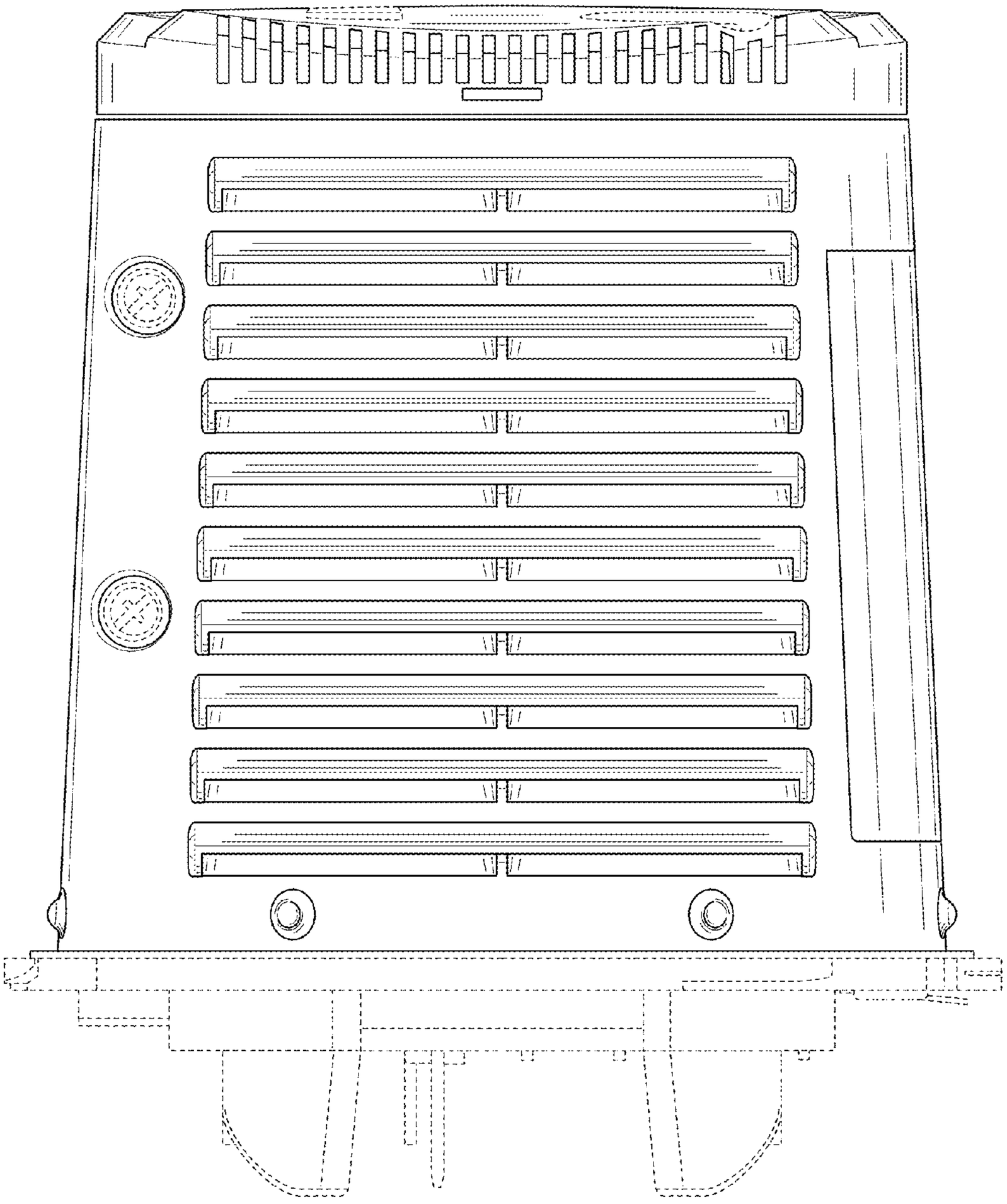

FIG. 9