US00D812671S

(12) United States Design Patent

Sebring

(10) Patent No.: US D812,671 S
(45) Date of Patent: ** Mar. 13, 2018

(54) **3D IMAGING SYSTEM**

(71) Applicant: **Durst Sebring Revolution, LLC**, New York, NY (US)

(72) Inventor: **Steven Sebring**, New York, NY (US)

(73) Assignee: **Durst Sebring Revolution, LLC**, New York, NY (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/547,387**

(22) Filed: **Dec. 3, 2015**

(51) **LOC (11) Cl.** **16-01**

(52) **U.S. Cl.**
USPC **D16/215**

(58) **Field of Classification Search**
USPC D16/208, 209, 215; D14/126, 371; D25/32, 16; D23/209, 210; D6/648, D6/657, 668, 703.1; D8/354, 356; 396/2–5
CPC G03B 17/53; G06F 3/0412; G06F 3/016; B41J 2/465; E04H 1/1272
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,682,064	A	8/1972	Matsunaga et al.	
5,164,823	A	11/1992	Keeler	
5,653,063	A *	8/1997	Barnett	G03B 17/53 52/29
5,659,323	A	8/1997	Taylor	
D409,707	S *	5/1999	Peterson	D21/815
6,052,539	A	4/2000	Latorre	
6,154,251	A	11/2000	Taylor	
6,157,733	A	12/2000	Swain	
6,331,871	B1	12/2001	Taylor	
D454,205	S *	3/2002	Spicer	D25/2
D460,813	S *	7/2002	Lundstrom	D23/302
6,463,215	B1	10/2002	O'Connolly et al.	
6,477,267	B1	11/2002	Richards	
6,522,325	B1	2/2003	Sorokin et al.	
6,535,226	B1	3/2003	Sorokin et al.	
D472,976	S *	4/2003	Jackson	D25/16
D480,817	S *	10/2003	Carreau	D25/2

(Continued)

FOREIGN PATENT DOCUMENTS

CA	2208556	A1	6/1996
EP	0799547	A1	3/2003

(Continued)

OTHER PUBLICATIONS

Beltrone, "Mohegan Sun Installs 360-Degree Photo Booth CRM Tool Lets Guests Share Clips via Facebook, Twitter" [Online] Adweek, Feb. 27, 2012, 3 pages.

(Continued)

Primary Examiner — Derrick Holland
Assistant Examiner — Yolanda Robinson
(74) *Attorney, Agent, or Firm* — Amster, Rothstein & Ebenstein, LLP

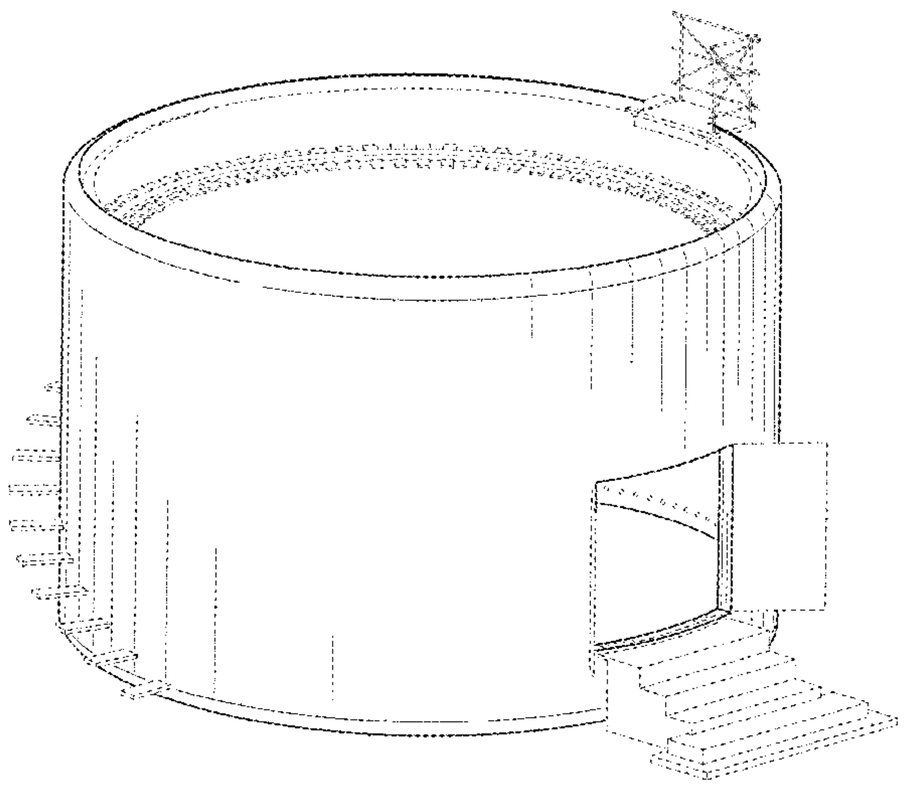
(57) **CLAIM**

The ornamental design for a 3D imaging system, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a 3D imaging system;
FIG. **2** is a front view of the 3D imaging system;
FIG. **3** is a rear view of the 3D imaging system;
FIG. **4** is a right side view of the 3D imaging system;
FIG. **5** is a left side view of the 3D imaging system;
FIG. **6** is a top view of the 3D imaging system; and,
FIG. **7** is a bottom view of the 3D imaging system.
The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

6,670,984	B1		12/2003	Tanaka et al.
6,700,605	B1		3/2004	Toyoda et al.
6,891,566	B2		5/2005	Marchese
6,909,457	B1		6/2005	Fukasawa
6,933,966	B2		8/2005	Taylor
7,042,494	B2		5/2006	Broemmelsiek et al.
7,075,565	B1		7/2006	Raymond et al.
D545,451	S	*	6/2007	Urbanek D25/16
7,421,097	B2		9/2008	Hamza et al.
7,613,999	B2		11/2009	Weber et al.
7,843,497	B2		11/2010	Conley
8,027,531	B2		9/2011	Wilburn et al.
D647,938	S	*	11/2011	Geddes D16/215
8,520,054	B2		8/2013	Cox et al.
8,704,903	B2		4/2014	McClellan
8,811,812	B1		8/2014	Lawler et al.
8,988,599	B2		3/2015	Debevec et al.
D730,539	S	*	5/2015	Vail D25/1
D737,945	S	*	9/2015	Leatzow D23/365
D737,946	S	*	9/2015	Leatzow D23/365
9,123,172	B2		9/2015	Sebring et al.
D753,318	S	*	4/2016	Kweller D25/2
D754,875	S	*	4/2016	Baziuk D25/31
D756,441	S	*	5/2016	Kobayashi D16/134
D760,310	S	*	6/2016	Pacurariu D16/202
D760,829	S	*	7/2016	Pacurariu D16/202
2001/0028399	A1		10/2001	Conley
2002/0063775	A1		5/2002	Taylor
2003/0229735	A1		12/2003	Sorokin et al.
2004/0183908	A1		9/2004	Tominaga et al.
2010/0321475	A1		12/2010	Cox et al.
2012/0314089	A1		12/2012	Chang et al.
2013/0188063	A1		7/2013	Cameron
2014/0347441	A1		11/2014	Latorre
2015/0365606	A1		12/2015	Sebring et al.

FOREIGN PATENT DOCUMENTS

EP	1296179	A2	11/2004
WO	WO-9619892	A1	6/1996

OTHER PUBLICATIONS

Catani et al. "A Large Distributed Digital Camera System for Accelerator Beam Diagnostics" Review of Scientific Instruments 76, 073303, 2005.

"Events in a Nutshell: A freshly-picked bunch of innovative solutions presented by the industry, and the most important aspects of the service delivery" [online] https://eleanorroselucy.wordpress.com/ [Retrieved Sep. 17, 2015], 9 pages.

Huang et al. "Distributed Video Arrays for Tracking, Human ID and Activity Analysis" Computer Vision and Robotics Research (CVRR) Laboratory, 2003.

International Search Report and Written Opinion for International Application No. PCT/US2014/038785, dated Nov. 27, 2014, 16 pages.

Invitation to Pay Additional Fees and, Where Applicable, Protest Fee for International Application PCT/US2014/038785, dated Sep. 5, 2014, 7 pages.

Lei et al. "Design and Implementation of a Cluster Based Smart Camera Array", Department of Computer Science, University of Alberta, 2008.

"Mini-MCA Miniature Multiple Camera Array", Tetracam Corporation, Cahtsworth, CA, 2013.

Rui et al. "Building an Intelligent Camera Management System" Microsoft Research Laboratory, ACM Multimedia, 2001.

Solh et al. "The Mosaic Camera: Streaming, Coding and Compositing Experiment", Georgia Institute of Technology, 2008.

Wilburn et al. "High Performance Imaging Using Large Camera Arrays", Dept. of Electrical Engineering, Stanford University, 2005.

Wilburn et al. "High-Speed Videography Using a Dense Camera Array" Department of Electrical Engineering, Department of Computer Science, Stanford University, 2004.

* cited by examiner

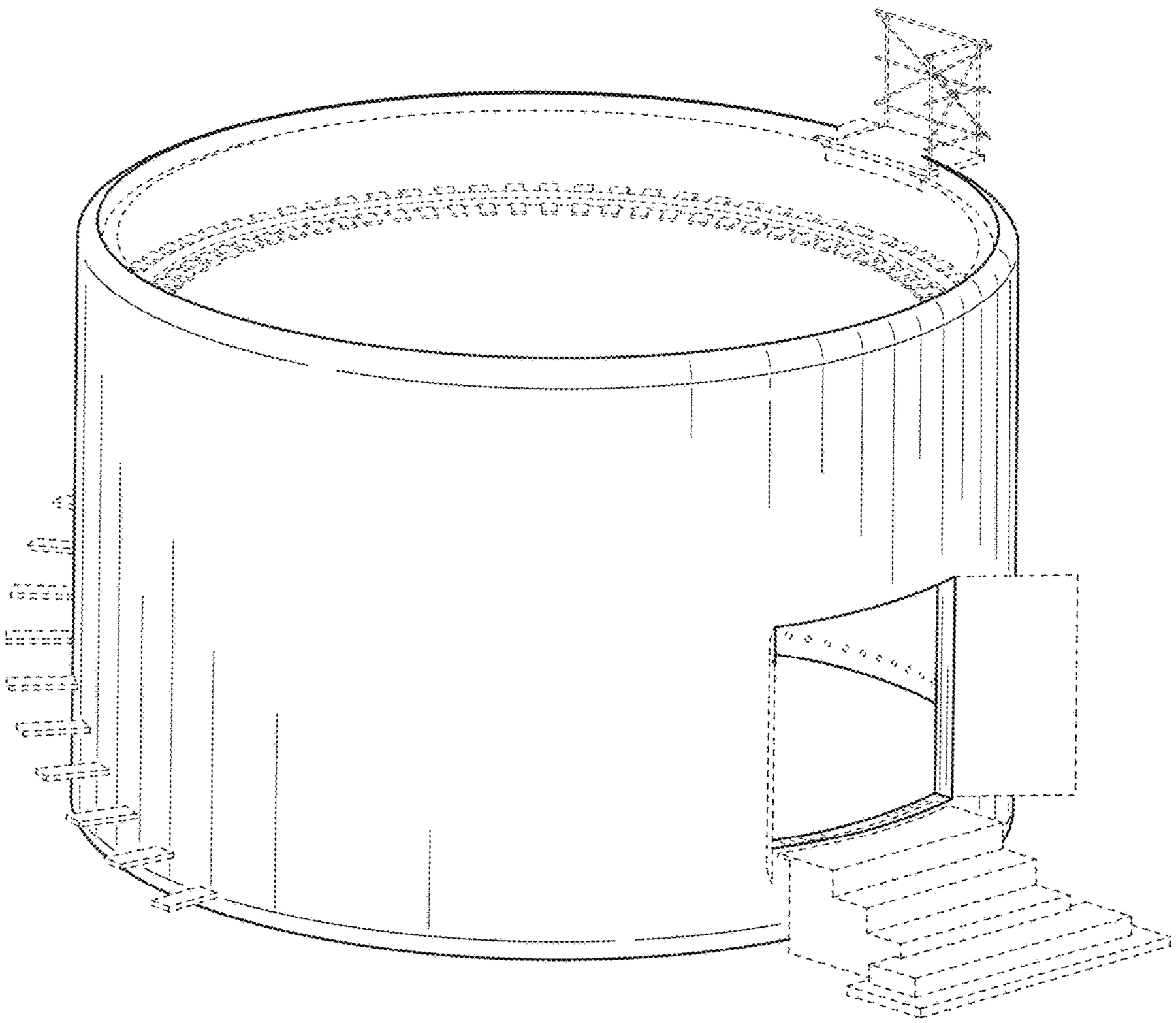


FIG. 1

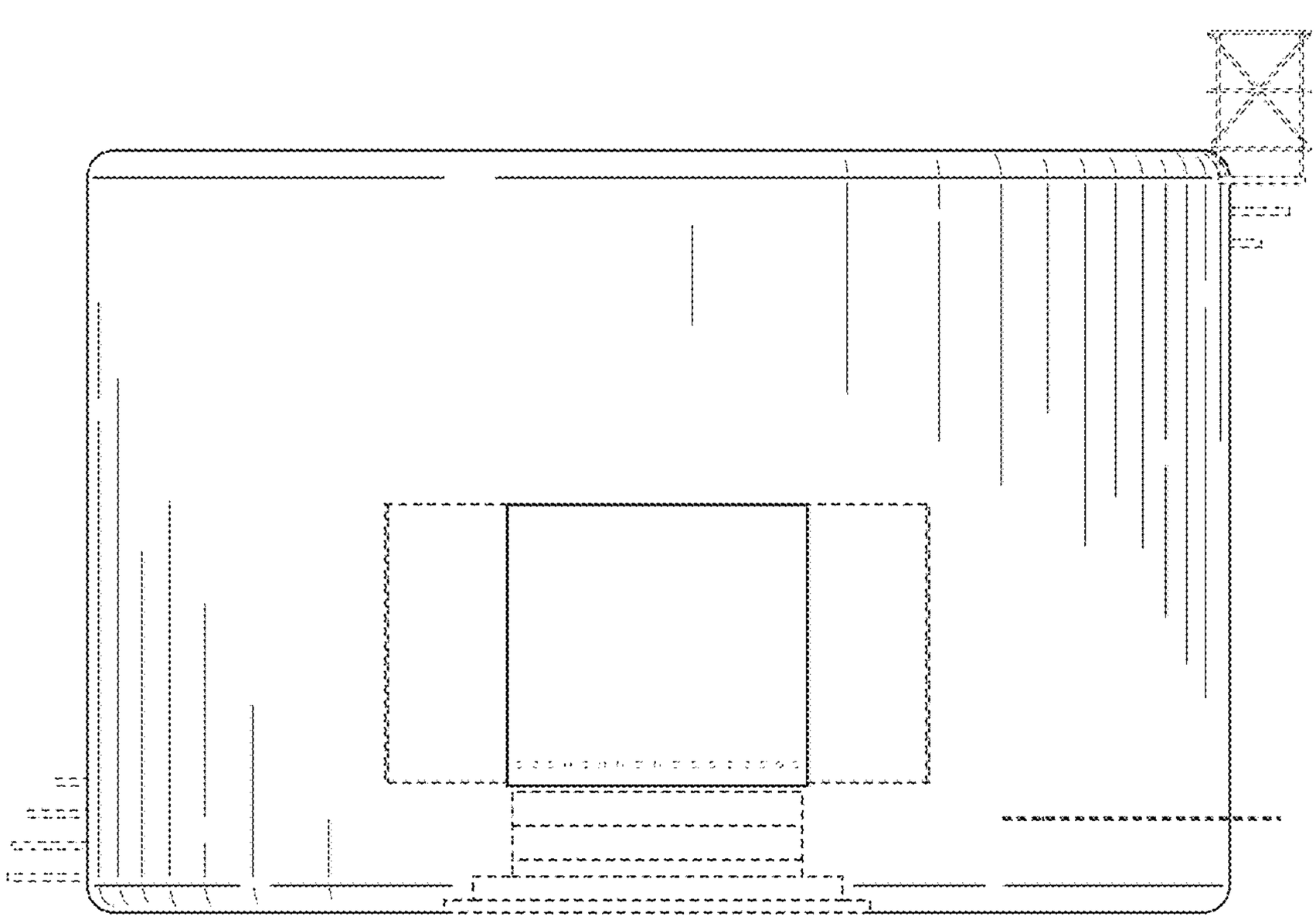


FIG. 2

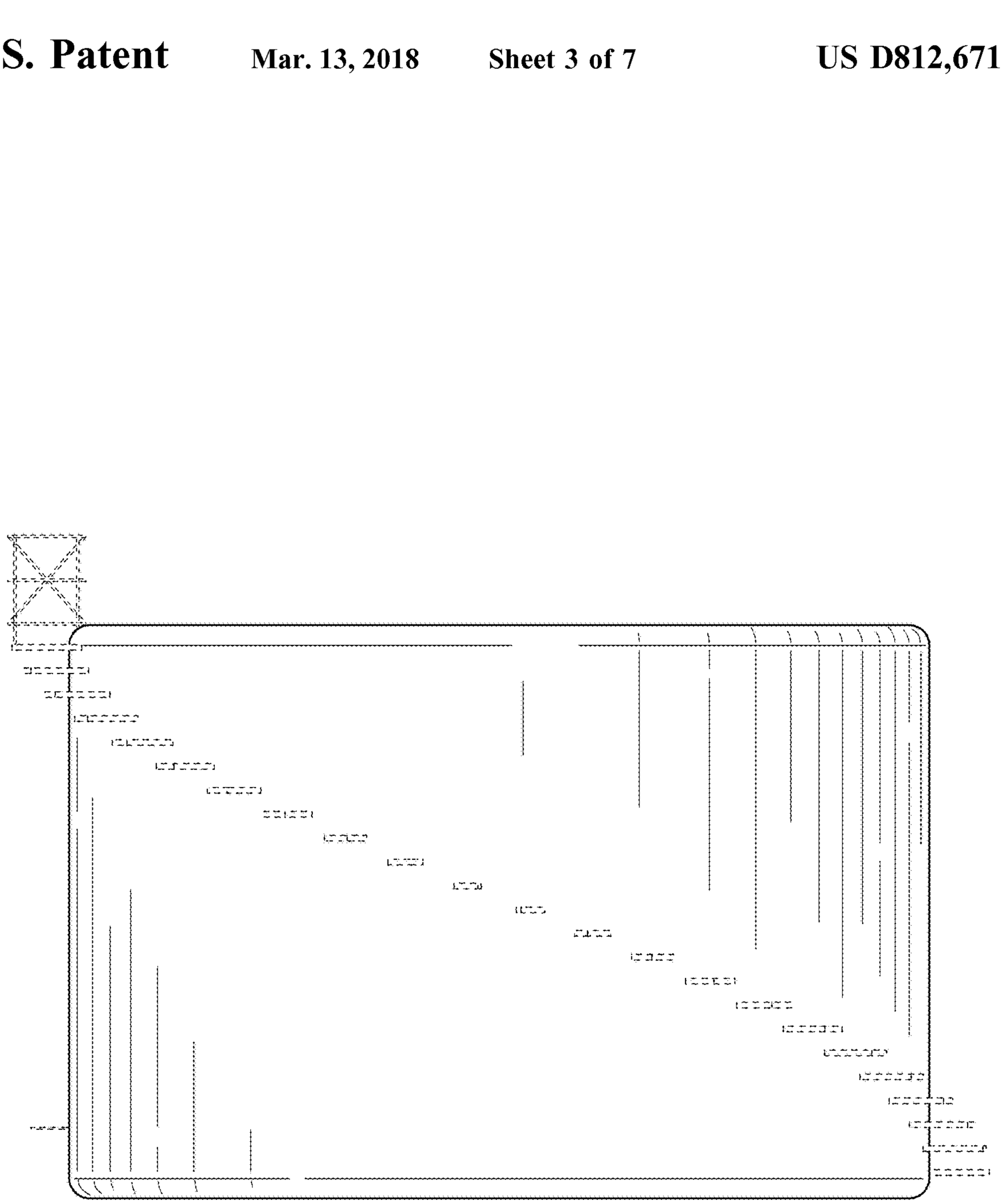


FIG. 3

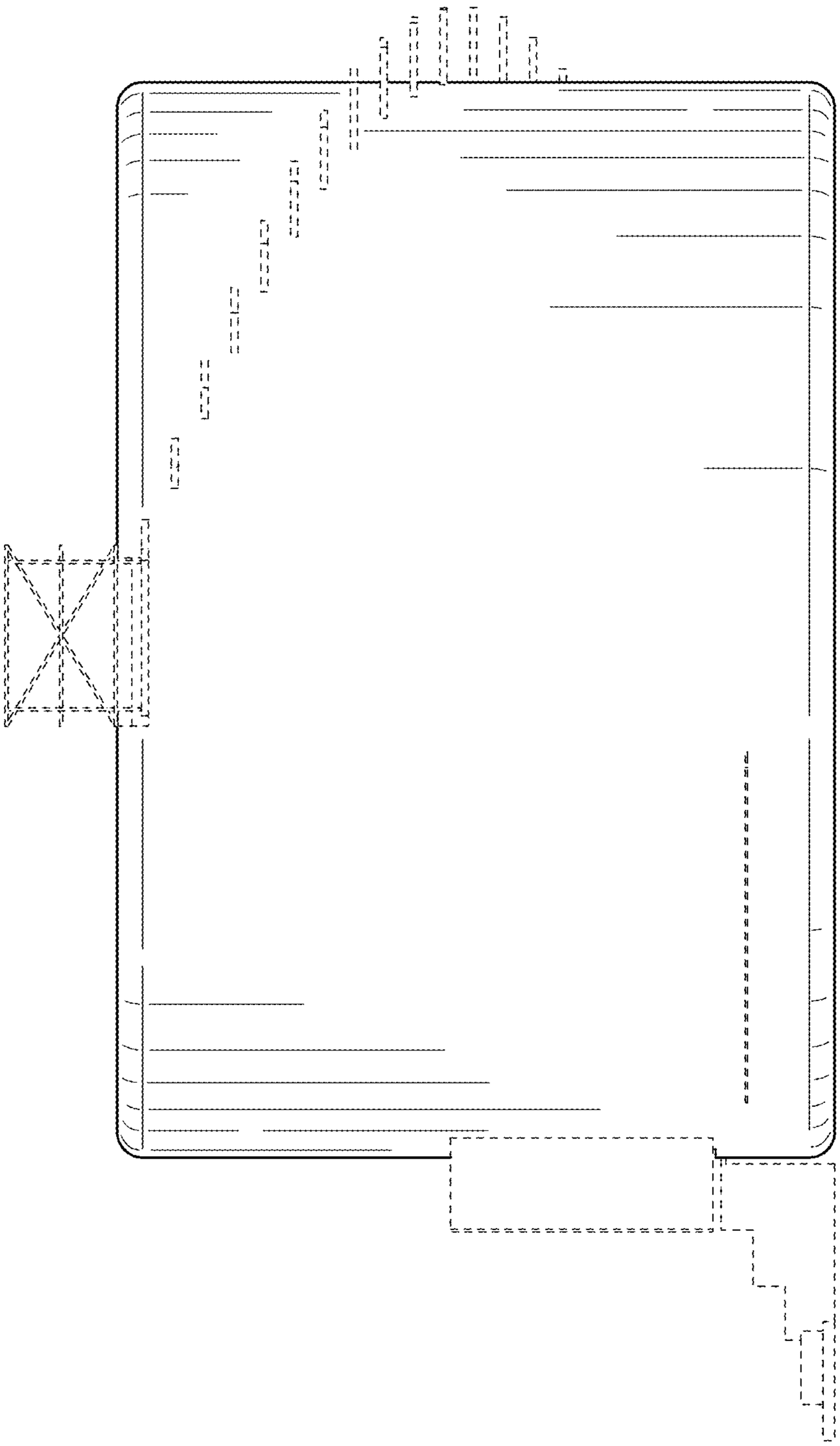


FIG. 4

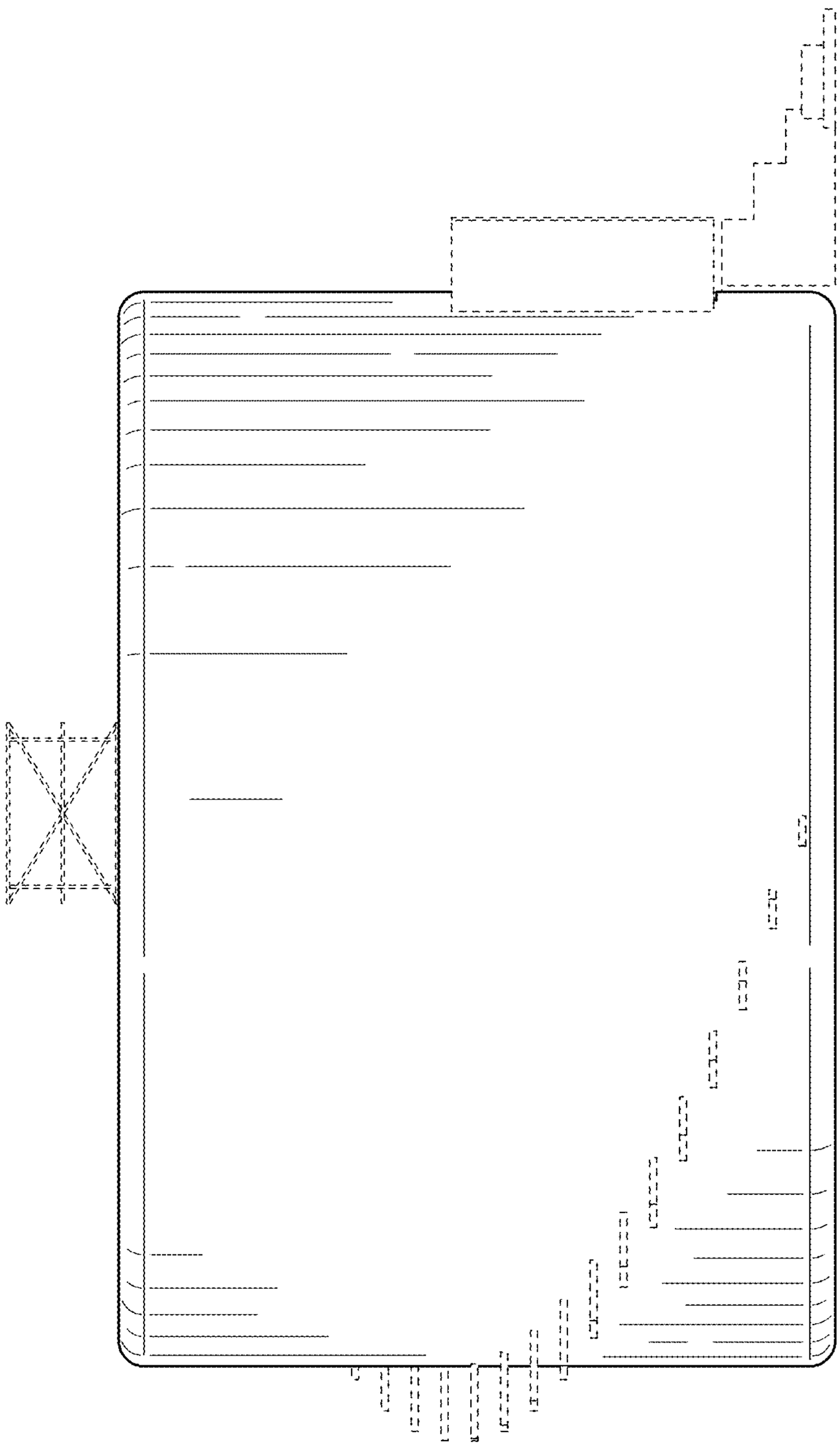


FIG. 5

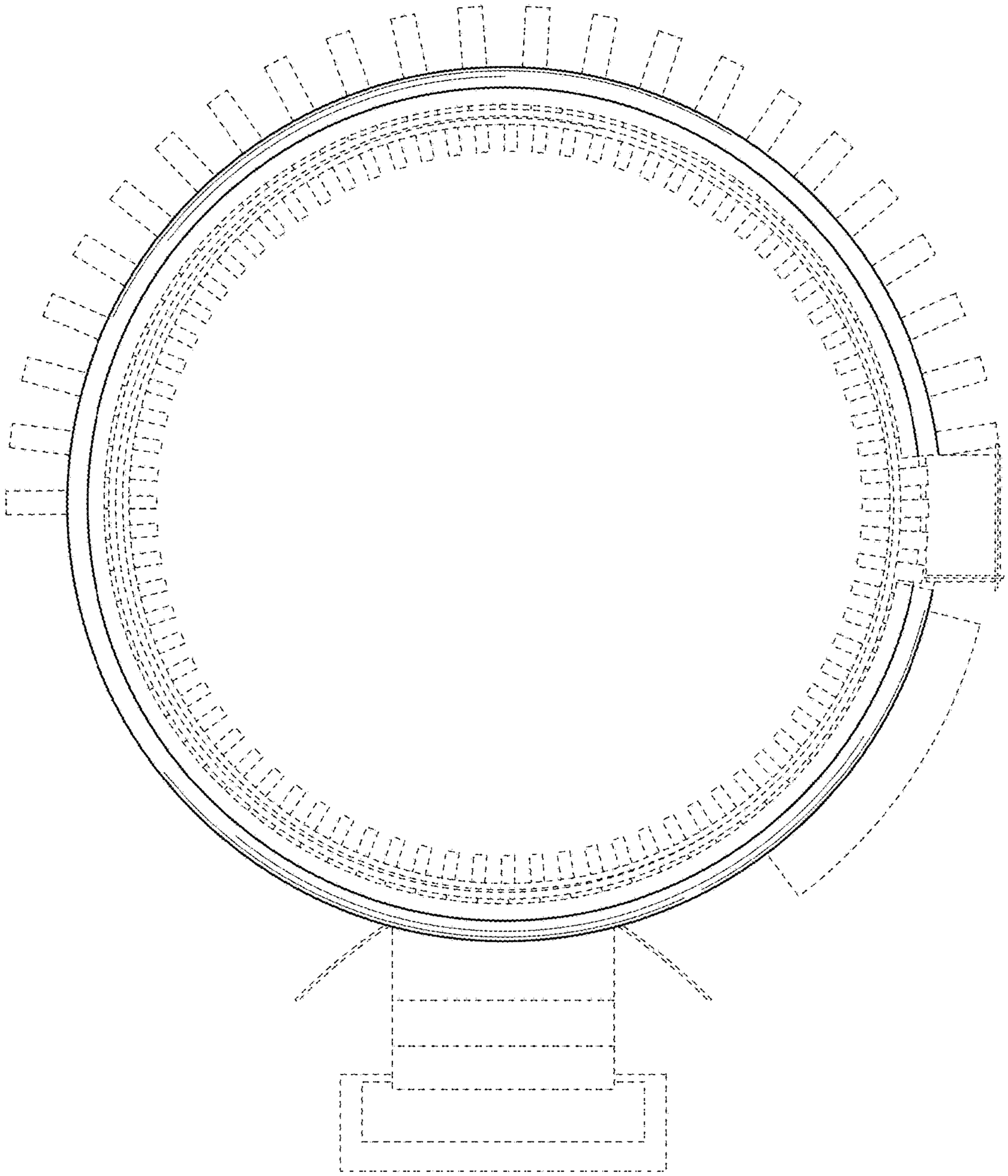


FIG. 6

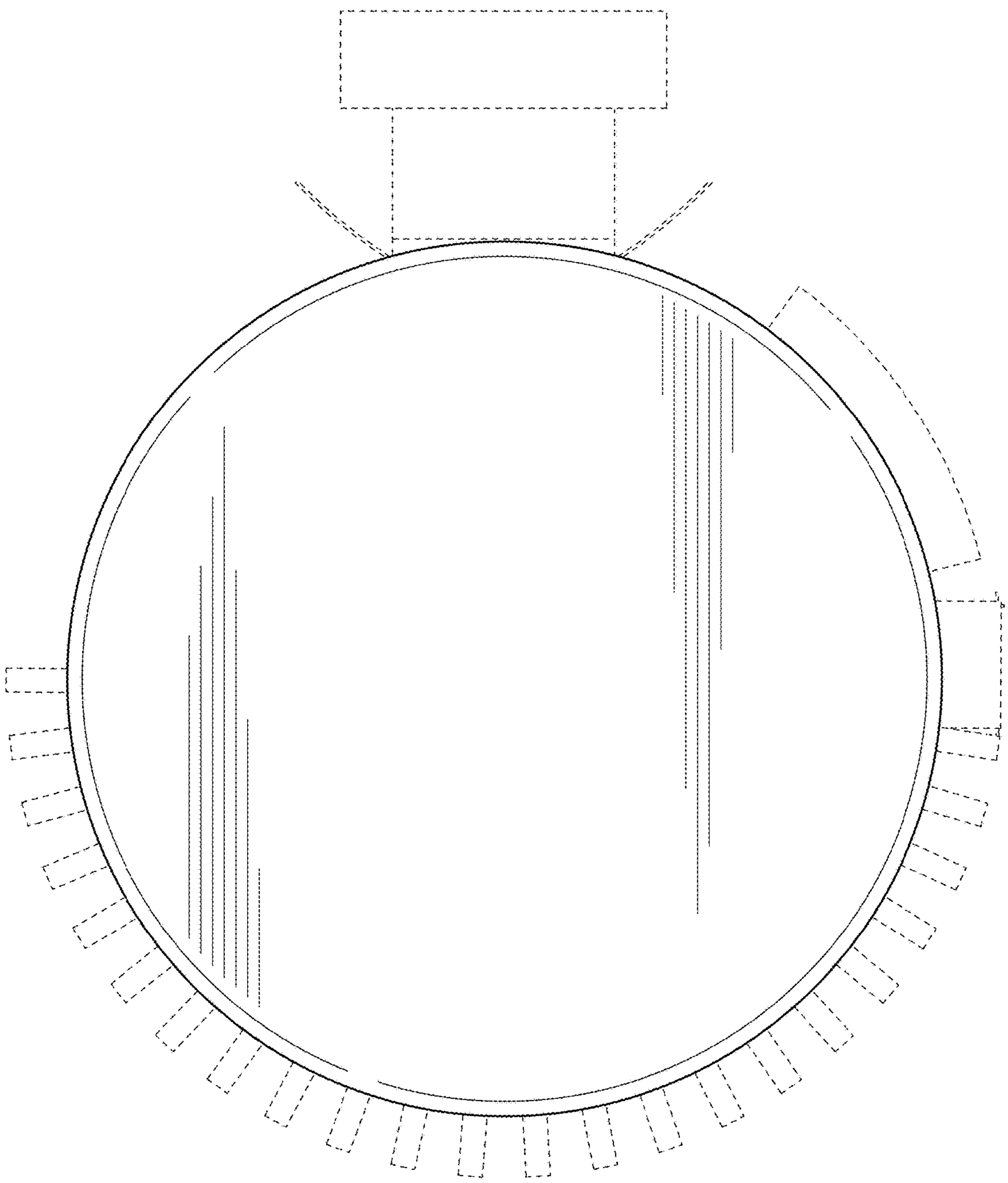


FIG. 7