US00D916969S

(12) **United States Design Patent**
Fleming, Jr.

(10) **Patent No.: US D916,969 S**
(45) **Date of Patent: ** Apr. 20, 2021**

(54) **RING SHAPED TWO-SIDED LIGHT EMITTING DIGITAL DISPLAY**

(71) Applicant: **Nanolumens Acquisition, Inc.**, Norcross, GA (US)

(72) Inventor: **Michael C. Fleming, Jr.**, Gainesville, GA (US)

(73) Assignee: **NanoLumens Acquisition, Inc.**, Peachtree Corners, GA (US)

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

(21) Appl. No.: **29/655,900**

(22) Filed: **Jul. 9, 2018**

(51) **LOC (13) Cl.** **20-02**

(52) **U.S. Cl.**
USPC **D20/10**; D20/41

(58) **Field of Classification Search**
USPC D6/300, 310, 332; D10/113.4; D14/300, D14/305, 307, 314–316, 335, 336, 339, D14/340, 371, 432; D19/113; D20/10, D20/18, 19, 21, 39, 41, 42, 99; D25/12; D21/285
CPC G09G 2300/026; G09G 2380/02; G09F 7/02; G09F 13/04; G09F 19/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,340,633	A *	9/1967	Silberman	G09F 11/02 40/473
3,909,525	A	9/1975	Fagan	
D245,044	S *	7/1977	Pollack	D20/41
5,128,662	A	7/1992	Failla	
5,537,127	A	7/1996	Jingu	
6,189,594	B1	2/2001	Carter	
6,314,669	B1	11/2001	Tucker	

(Continued)

OTHER PUBLICATIONS

Tan, Bella. "Circular led screen, LED Display working and testing." youtube.com. 0:08-0:10. Apr. 25, 2016. Accessed Jun. 19, 2020. Available online at URL: https://www.youtube.com/watch?v=S-EDS7TCzmA (Year: 2016).*

(Continued)

Primary Examiner — Christian P. McLean
(74) *Attorney, Agent, or Firm* — Troutman Pepper Hamilton Sanders LLP

(57) **CLAIM**

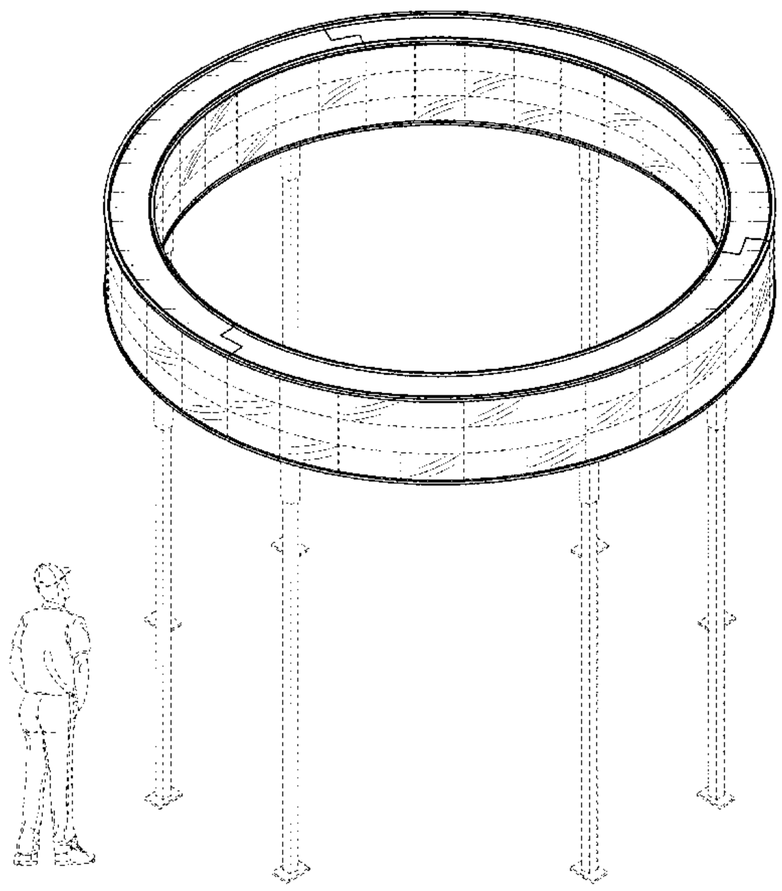
The ornamental design for a ring shaped two-sided light emitting digital display, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a ring shaped two-sided light emitting digital display showing the design, oblique lines indicating both an inner and an outer light emitting face;
FIG. **2** is a front elevation view thereof;
FIG. **3** is a left elevation view thereof;
FIG. **4** is a right elevation view thereof;
FIG. **5** is a back elevation view thereof;
FIG. **6** is a top plan view thereof; and,
FIG. **7** is a bottom plan view thereof.

The broken lines of FIG. **1** showing: the outline of a person; and, the outline of thin vertical support structures disposed below the ring shaped two-sided light emitting digital display, illustrate environmental subject matter that forms no part of the claimed design. The broken lines of FIGS. **2**, **3**, **4**, and **5** showing the outline of thin vertical support structures disposed below said ring shaped two-sided light emitting digital display, illustrate environmental subject matter that forms no part of the claimed design. The remaining broken lines of FIG. **1** through FIG. **7** indicate unclaimed portions of said ring shaped two-sided light emitting digital display.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

6,414,650	B1	7/2002	Nicholson	
D510,920	S	10/2005	Tandberg	
D519,117	S	4/2006	Lewis	
7,142,192	B2	11/2006	De Waal	
D575,348	S *	8/2008	Tanaka	D20/10
D575,827	S *	8/2008	Tanaka	D20/10
D579,888	S	11/2008	Lunde	
D582,985	S *	12/2008	Tanaka	D20/10
7,495,576	B2	2/2009	Maskeny	
D600,233	S	9/2009	Birsel	
D600,695	S	9/2009	Niitsu et al.	
D614,704	S *	4/2010	Ulrich	D20/42
D616,403	S	5/2010	Roed	
D623,621	S	9/2010	Roed	
D624,514	S	9/2010	Roed	
7,823,308	B1	11/2010	Munson	
D633,454	S	3/2011	Mitsuhashi	
D649,951	S	12/2011	Roed	
8,152,312	B2	4/2012	Kondo	
D663,707	S	7/2012	Derocher	
D664,839	S *	8/2012	Bonhag	D8/396
8,256,151	B2 *	9/2012	Stafford	G09F 7/18 40/606.12
8,281,249	B2	10/2012	Nolte	
8,384,616	B2	2/2013	Elliott	
8,582,282	B2	11/2013	Kim et al.	
8,593,578	B1	11/2013	Geronimi	
8,619,414	B2	12/2013	Lee	
8,665,366	B2	3/2014	Lien	
D714,875	S *	10/2014	Wudtke	D21/385
D715,798	S	10/2014	Cruz et al.	
D716,298	S	10/2014	Cruz et al.	
D729,793	S	5/2015	Hickok et al.	
D729,797	S	5/2015	Hickok et al.	
9,030,812	B2	5/2015	Nakamura	
D744,579	S *	12/2015	Cope	D16/241
D769,985	S *	10/2016	Roberts	D20/18
D770,406	S *	11/2016	Fleming, Jr.	D14/125
D784,952	S	4/2017	Fleming	
D825,001	S *	8/2018	Henkel	D20/10
D845,150	S *	4/2019	Shlyakhturov	D10/46
D859,335	S *	9/2019	D'Ambrosio	D14/125
D863,441	S *	10/2019	Hwang	D20/39
D873,821	S *	1/2020	Song	D14/371
D876,543	S *	2/2020	Kim	D20/10
D882,699	S *	4/2020	Bernard	D21/385
D883,393	S *	5/2020	Bernard	D21/385
2005/0174302	A1 *	8/2005	Ishii	G09F 9/30 345/30
2007/0033847	A1 *	2/2007	Tanaka	G06F 1/163 40/661.05
2008/0273328	A1 *	11/2008	Parker	F21V 9/08 362/268
2012/0239521	A1 *	9/2012	Acworth	F21S 6/005 705/26.5
2018/0047319	A1 *	2/2018	Barba	G09F 19/18

OTHER PUBLICATIONS

"Adnoc led screen Round Circular LED Display Screen—Circular Ticker LED Screen." youtube.com. 0:08-0:10. Oct. 2, 2018. Accessed Jun. 19, 2020. Available online at URL: https://www.youtube.com/watch?v=4Wzz9XVqYJQ (Year: 2018).*

* cited by examiner

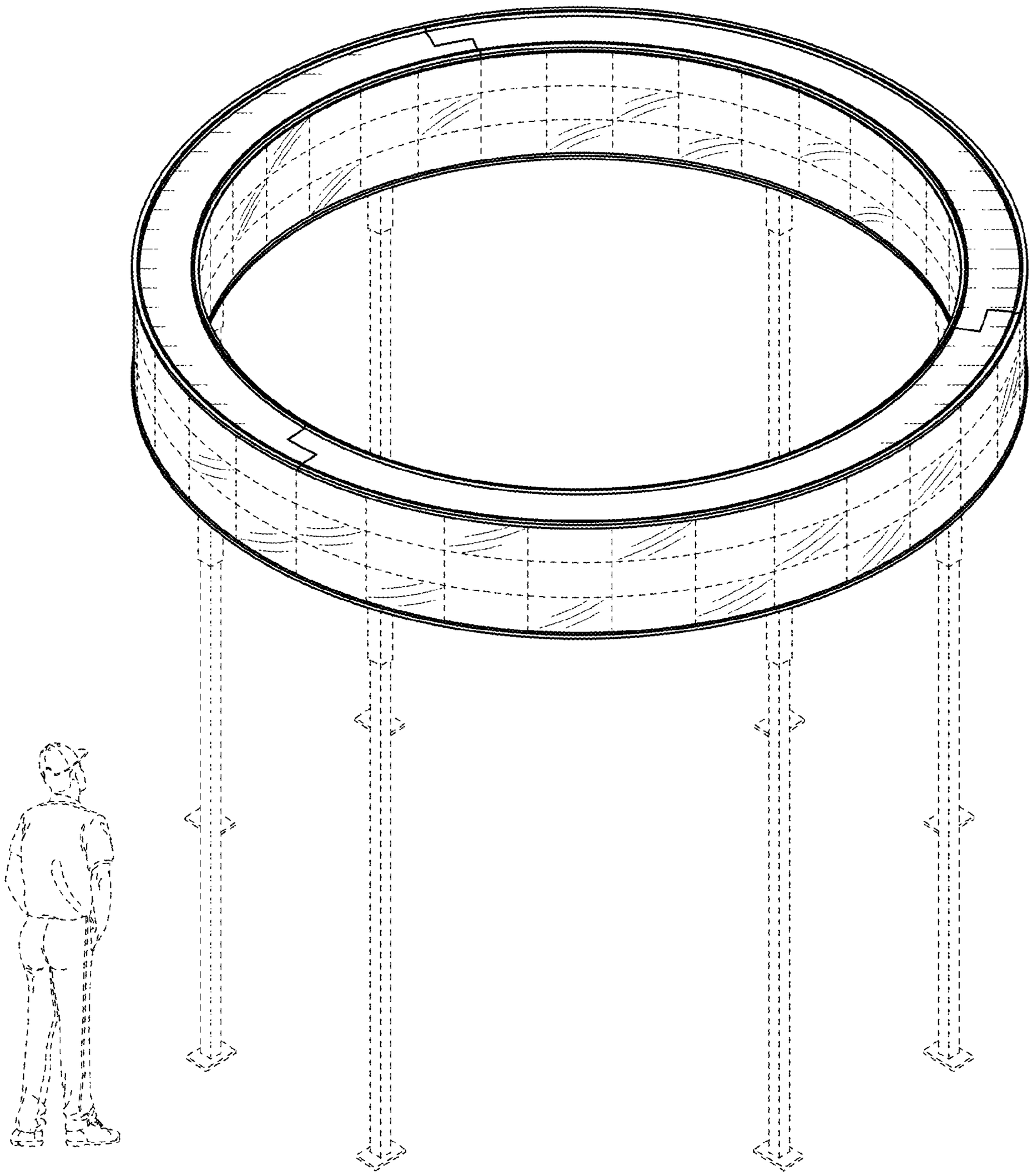


FIG. 1

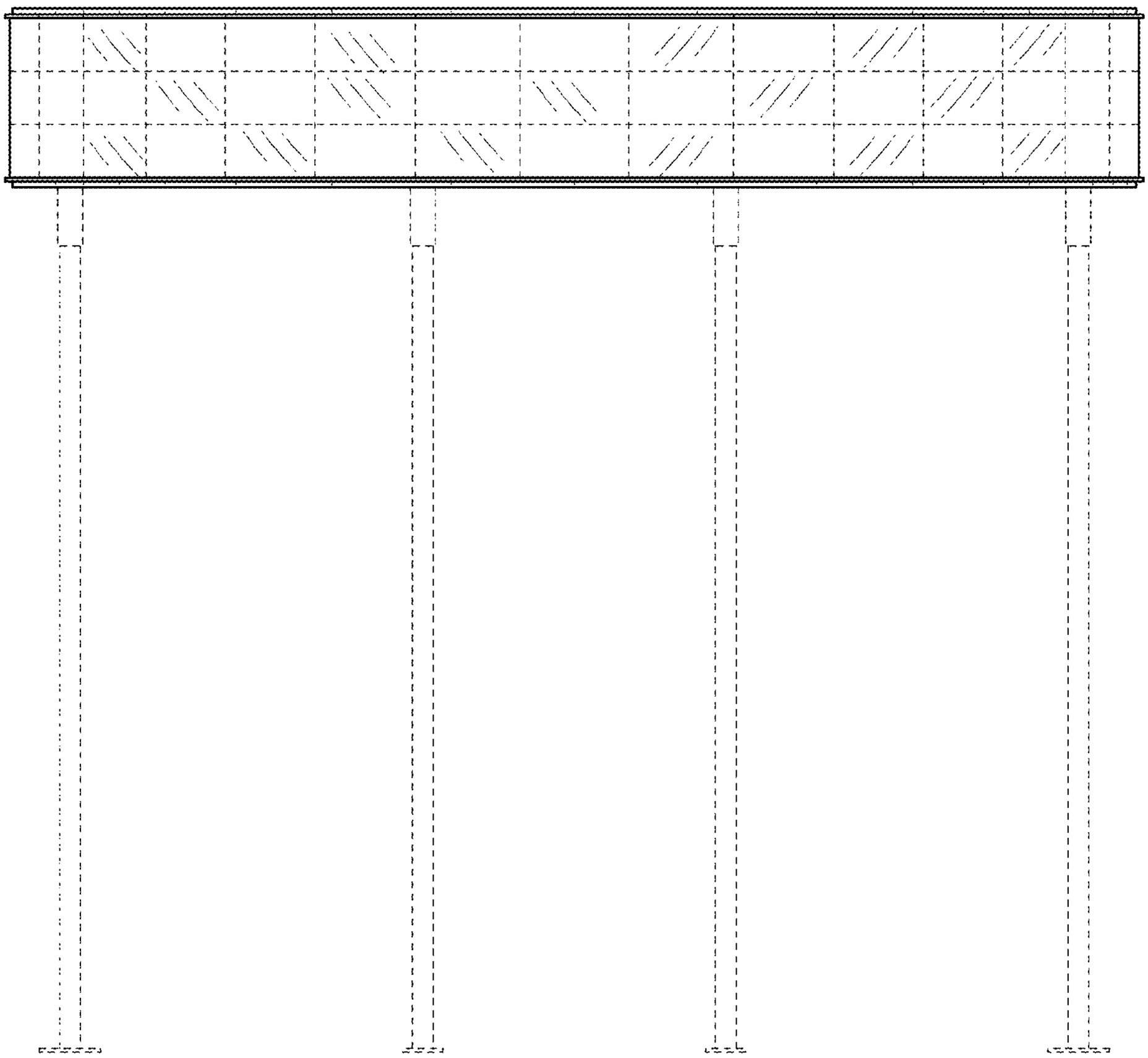


FIG. 2

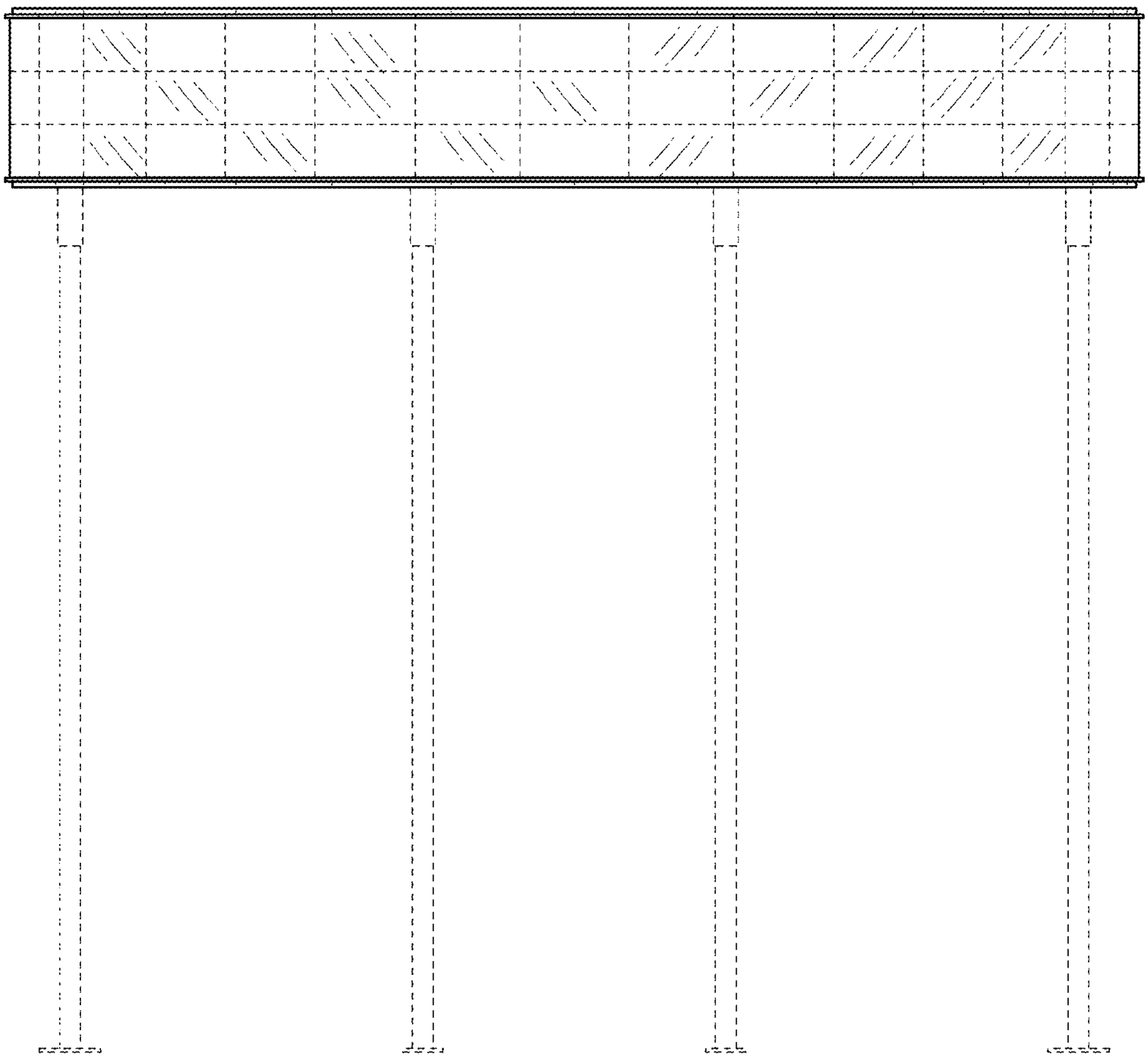


FIG. 3

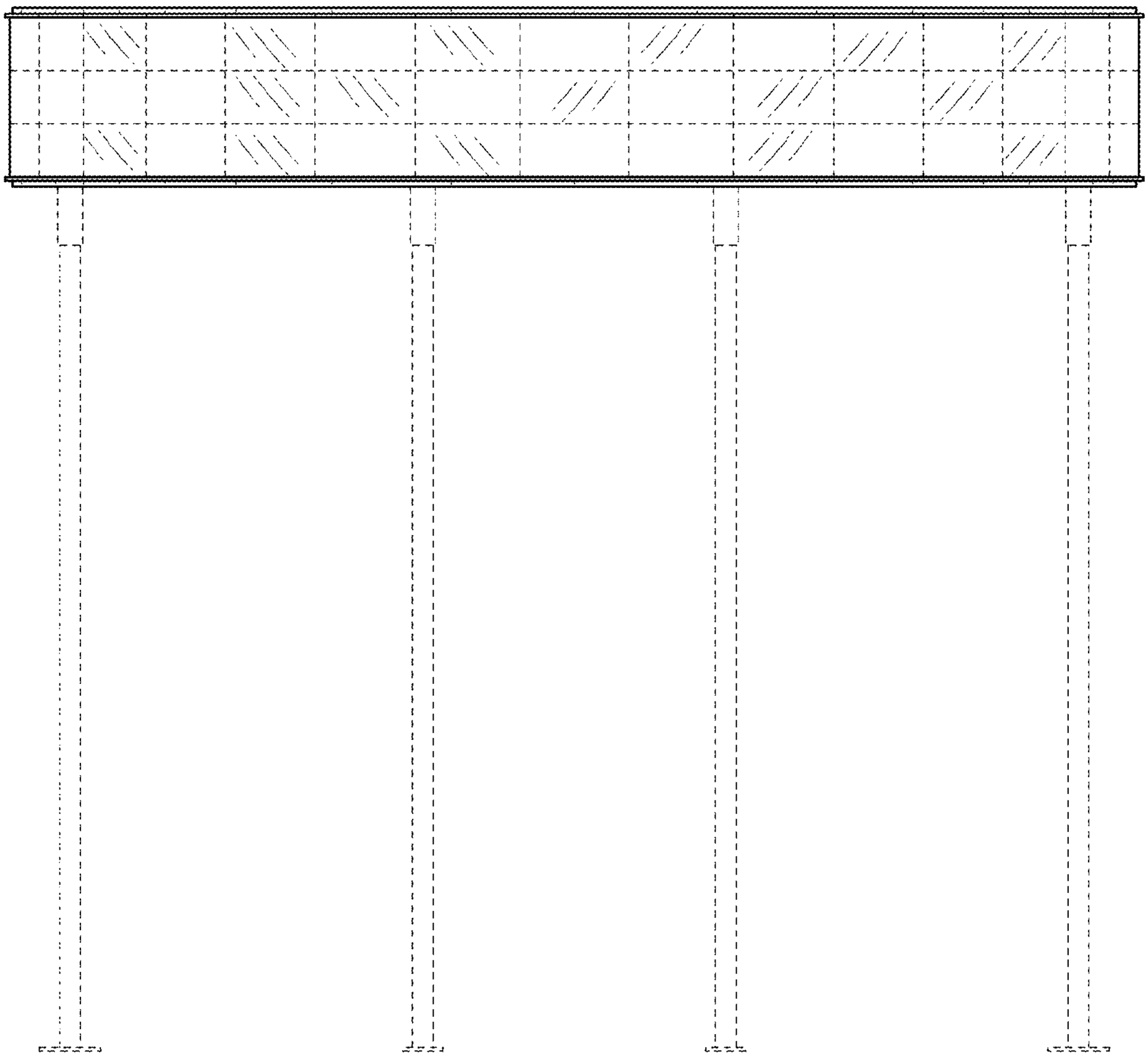


FIG. 4

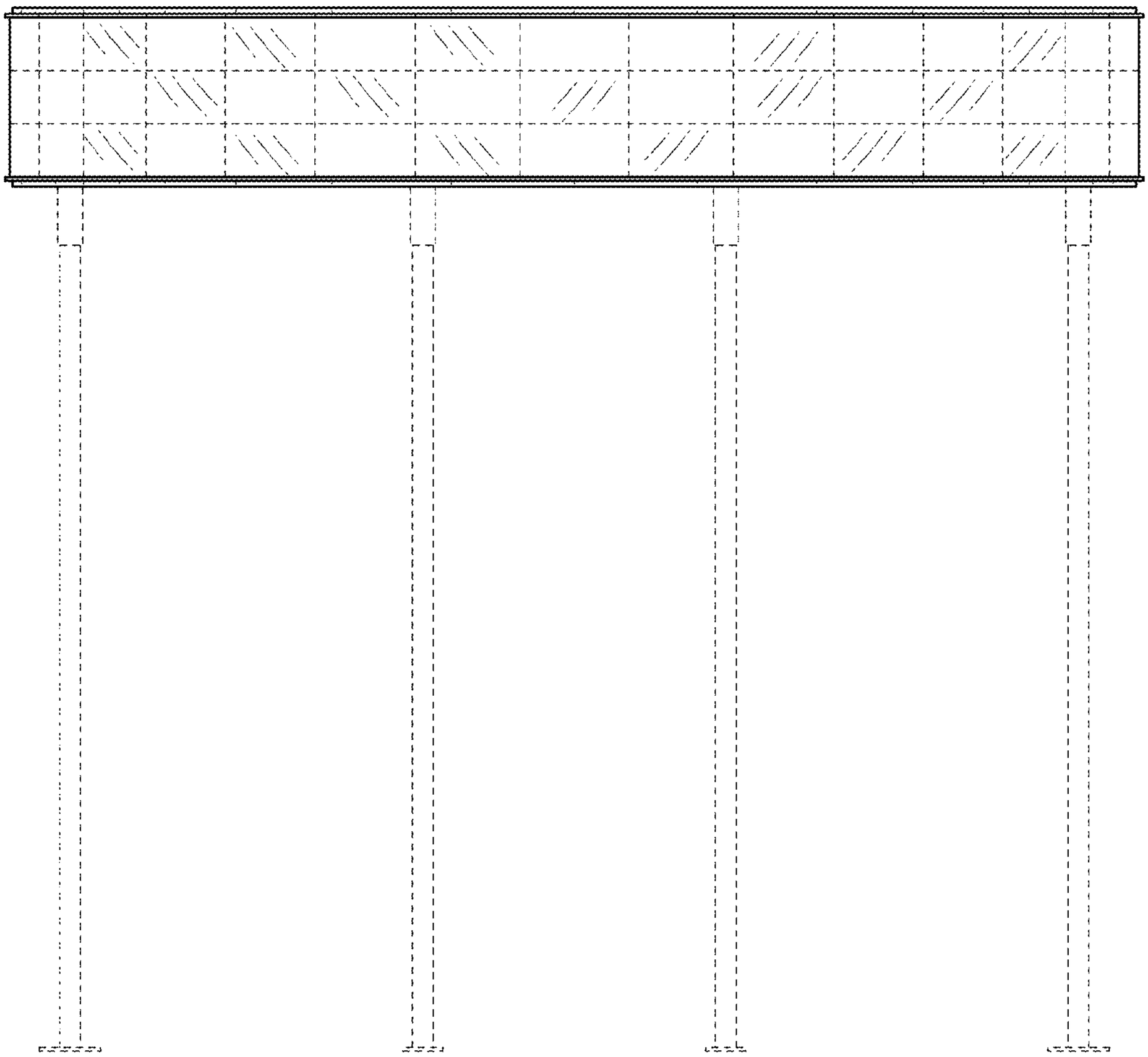


FIG. 5

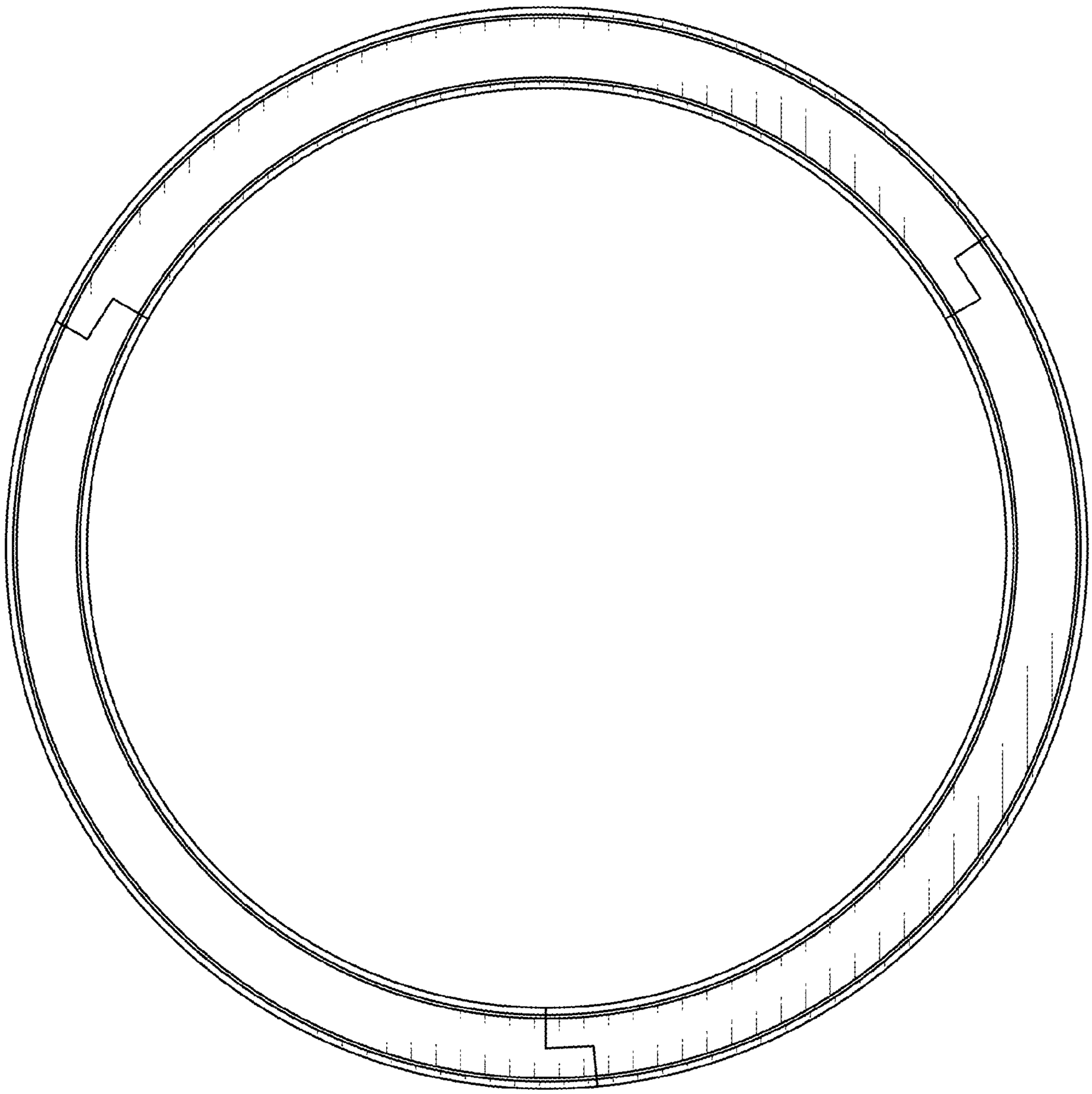


FIG. 6

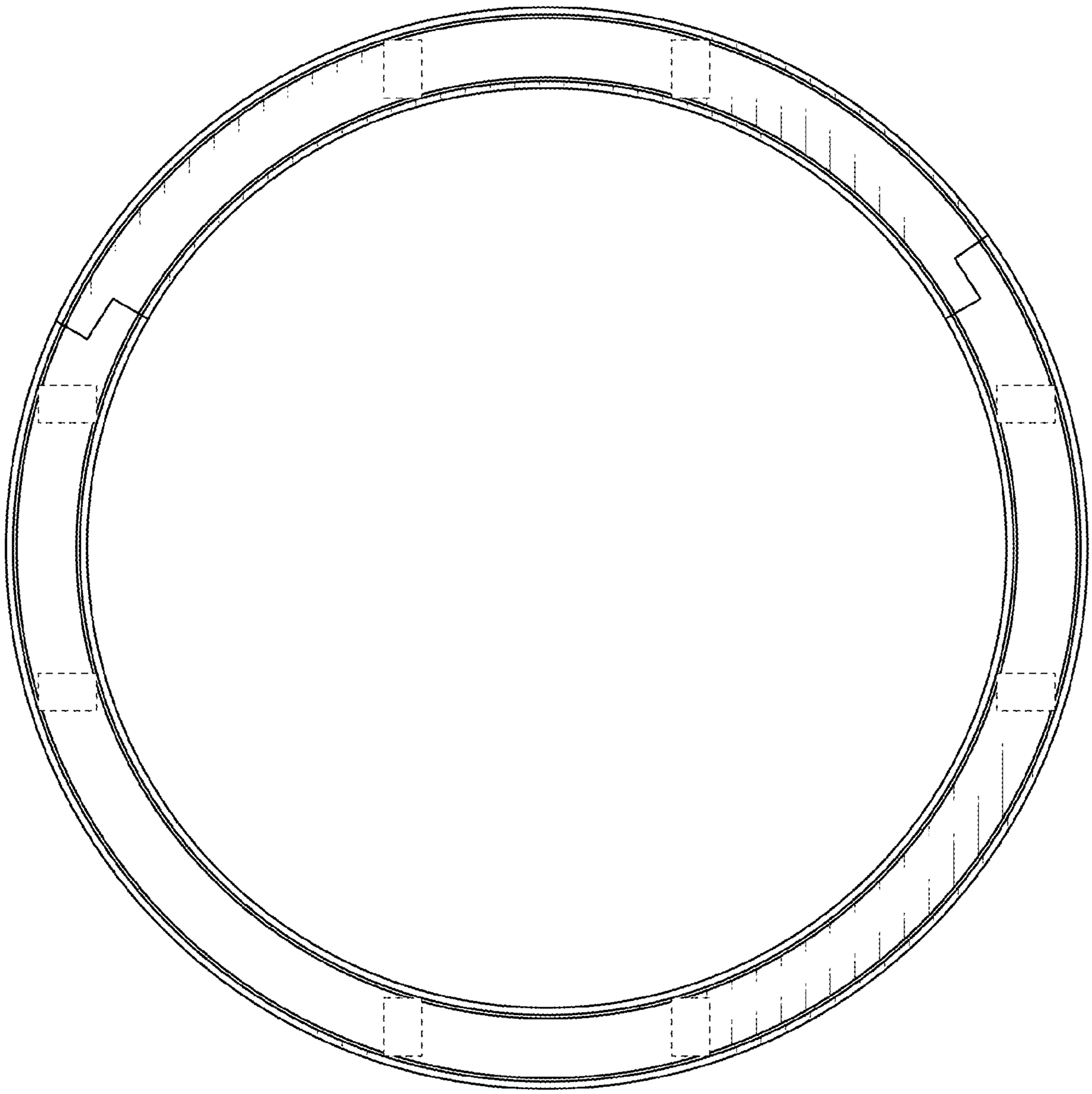


FIG. 7