

US00D876408S

(12) **United States Design Patent** (10) **Patent No.:** **US D876,408 S**  
**Kwak et al.** (45) **Date of Patent:** **\*\* Feb. 25, 2020**

(54) **TRANSCEIVER FOR WIRELESS COMMUNICATIONS**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/240**

(58) **Field of Classification Search**  
USPC ..... D14/240, 242, 358, 348, 349, 356-357, D14/363, 432, 433, 474, 480.1, 496, 125, D14/137, 139, 140-140.9, 155, 203.1, D14/217, 188, 299, 204, 216, 218, 230, D14/301, 313, 434, 214; D13/110, 123, D13/108, 158, 184, 199, 168; D10/104.1, D10/65, 70, 106.1, 106.2, 106.6; D26/67, D26/68, 85, 118, 120-124, 128, 131-137; D11/143, 155, 221; D6/556; D23/366, D23/377, 411, 385, 413, 370; D28/56, D28/83; D12/401, 410, 413; D3/200-203.8, 204-208, 218, 219, 263, D3/265, 901; D19/104, 106, 95, 926, 92;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D303,658 S \* 9/1989 Spira ..... D13/168  
D306,853 S \* 3/1990 Mayo ..... D13/165

(Continued)

FOREIGN PATENT DOCUMENTS

KR 301015904.0000 \* 7/2019

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(57) **CLAIM**

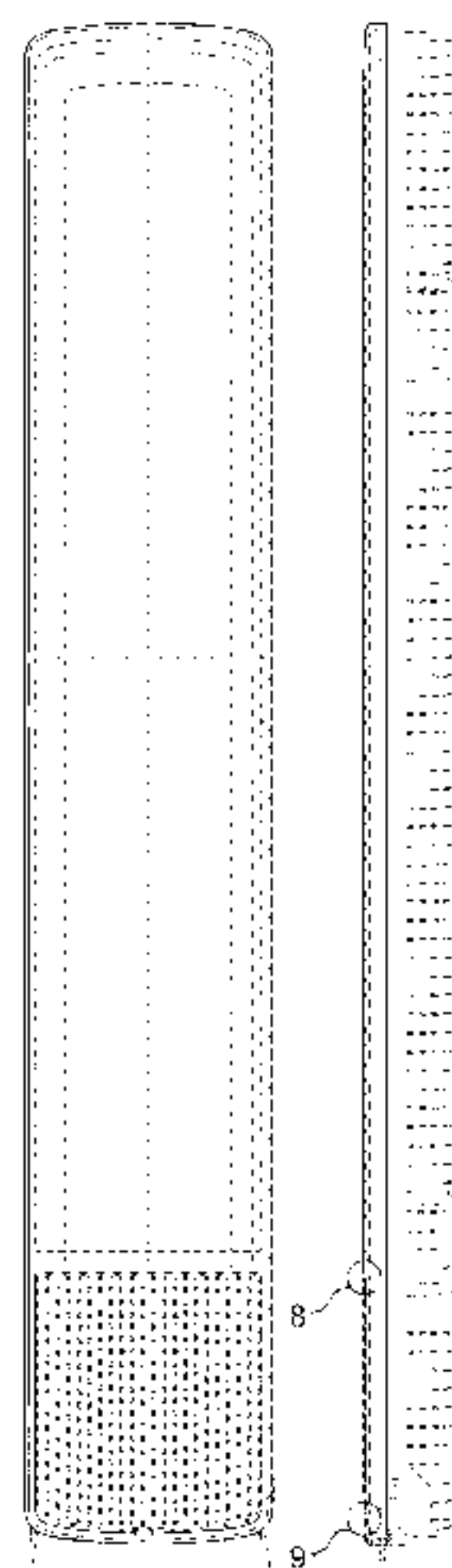
The ornamental design for a transceiver for wireless communications, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a transceiver for wireless communications showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is an enlarged view of the portion 8 encircled in FIG. 5; FIG. 9 is an enlarged view of the portion 9 encircled in FIG. 5; and, FIG. 10 is an enlarged view of the portion 10 encircled in FIG. 7.

The evenly-dashed broken lines in the drawings illustrate portions of the transceiver for wireless communications that form no part of the claimed design. The dot-dot-dash broken

(Continued)



lines in the drawings encircle portions of the claimed design that are illustrated in enlargements and form no part of the claimed design.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D317,593	S	*	6/1991	Rowen	.....	D13/168
D325,581	S	*	4/1992	Schwartz	.....	D13/168
D531,585	S	*	11/2006	Weitgasser	.....	D13/168
D619,543	S	*	7/2010	Nakai	.....	D13/168
D633,479	S	*	3/2011	Maier	.....	D14/218
D634,735	S	*	3/2011	Maier	.....	D14/218
D666,934	S	*	9/2012	Krumpe	.....	D10/106.6
D713,277	S	*	9/2014	Hasegawa	.....	D10/106.6
D716,270	S	*	10/2014	Wang	.....	D14/218
D790,964	S	*	7/2017	Akana	.....	D9/424
D795,210	S	*	8/2017	Lotter	.....	D13/184
10,390,386	B2	*	8/2019	Hendrix	.....	H05K 7/20563
D864,128	S	*	10/2019	Ferdinand	.....	D13/168
2011/0032158	A1	*	2/2011	Rodger	.....	H01Q 1/02 343/702

**1 Claim, 7 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D7/601, 602, 538, 542, 391, 392, 392.1,  
D7/354, 397, 505, 550.1, 554.3, 629;  
D9/418, 424, 414, 425–426, 430–432,  
D9/435, 446, 449; D8/18, 19  
CPC ..... H04W 88/00; H04W 88/04; H04W 88/02;  
H04W 88/005; H04W 88/08; H04W  
88/085; H04W 88/10; H04W 88/12;  
H04W 88/14; H04W 88/16; H04W 92/06;  
H04W 88/18; H04B 1/38; H04B 1/3827;  
H04L 12/00; H01Q 1/02; H01Q 1/2291;  
H01Q 1/246; H01Q 1/42; H01Q 1/1228

See application file for complete search history.

\* cited by examiner

FIG.1

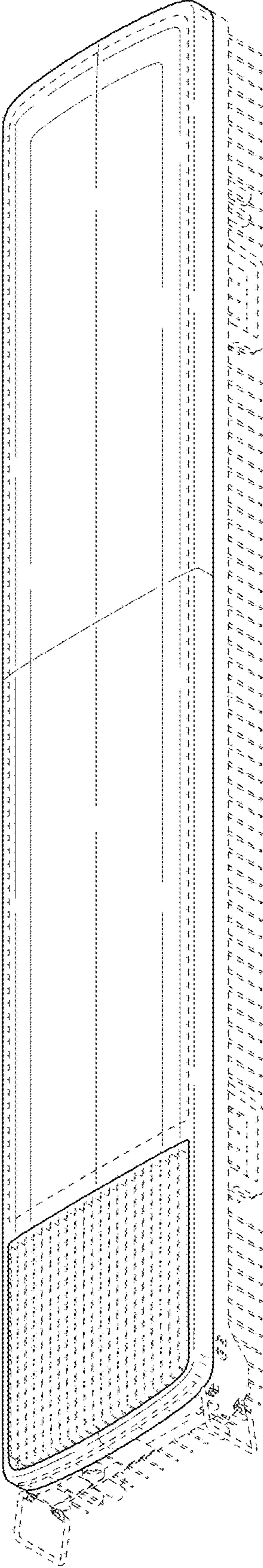


FIG.2

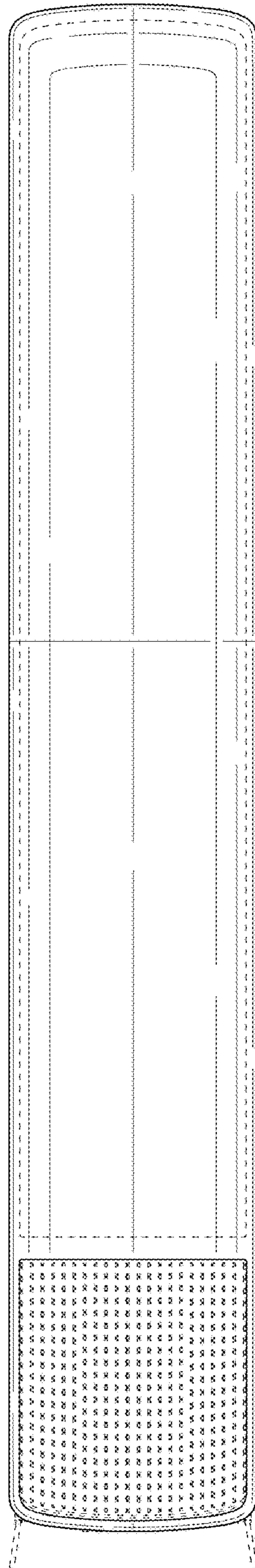




FIG.3

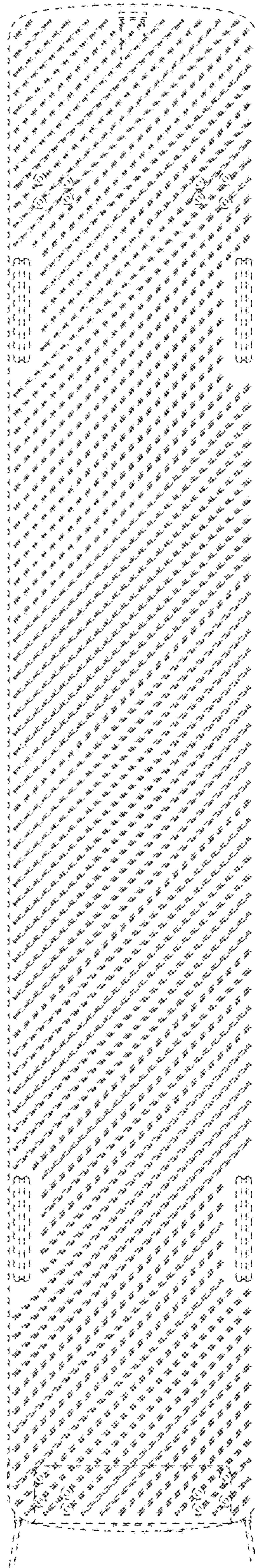


FIG.4

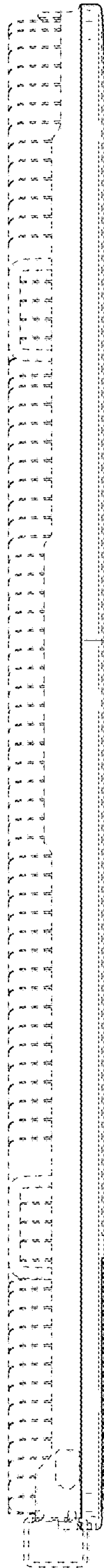


FIG.5

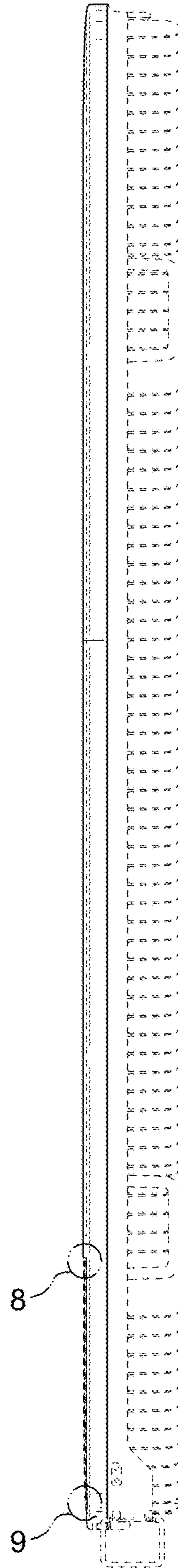


FIG.6

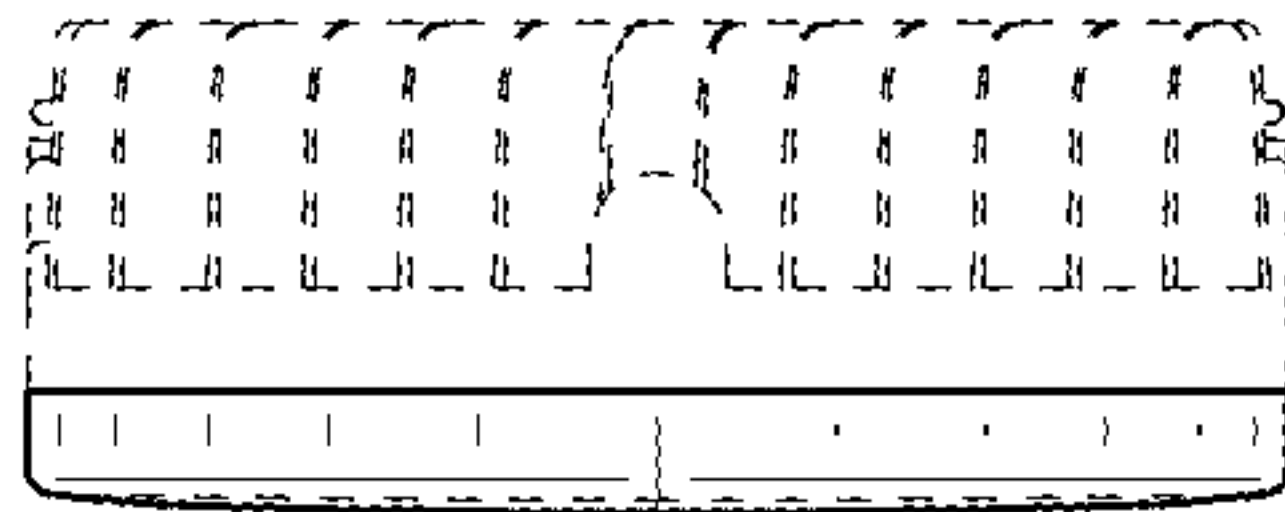


FIG.7

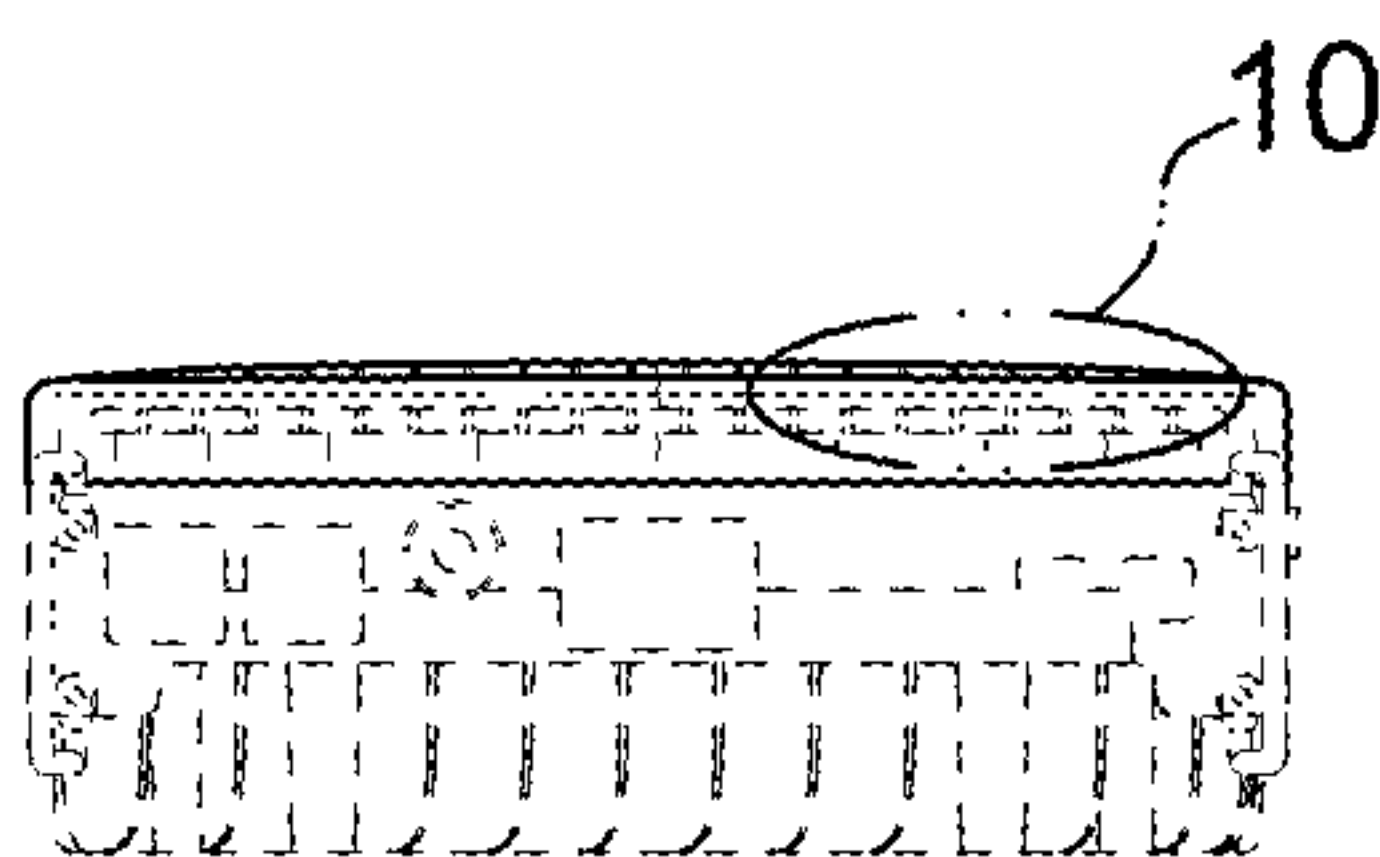


FIG.8

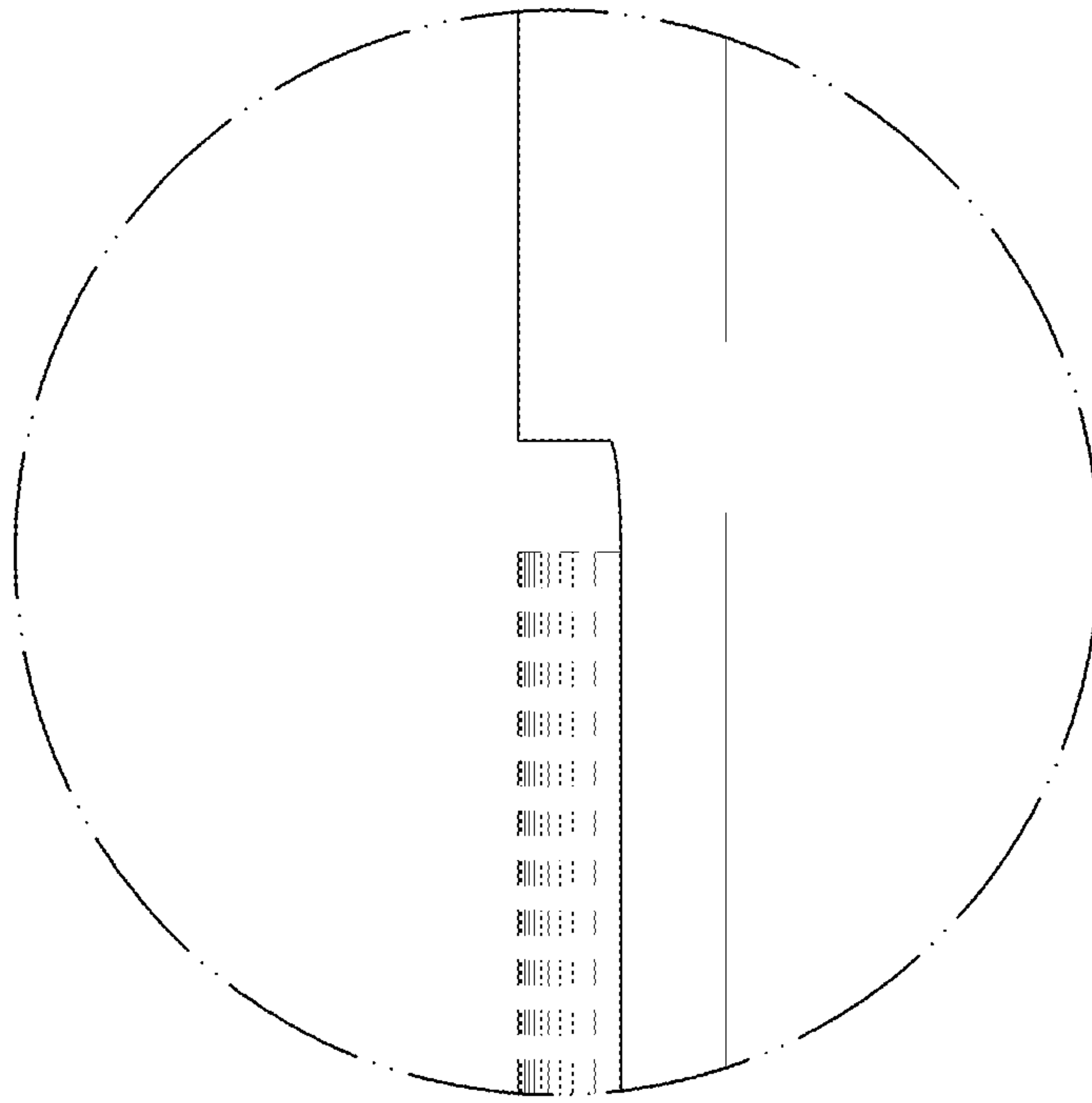


FIG.9

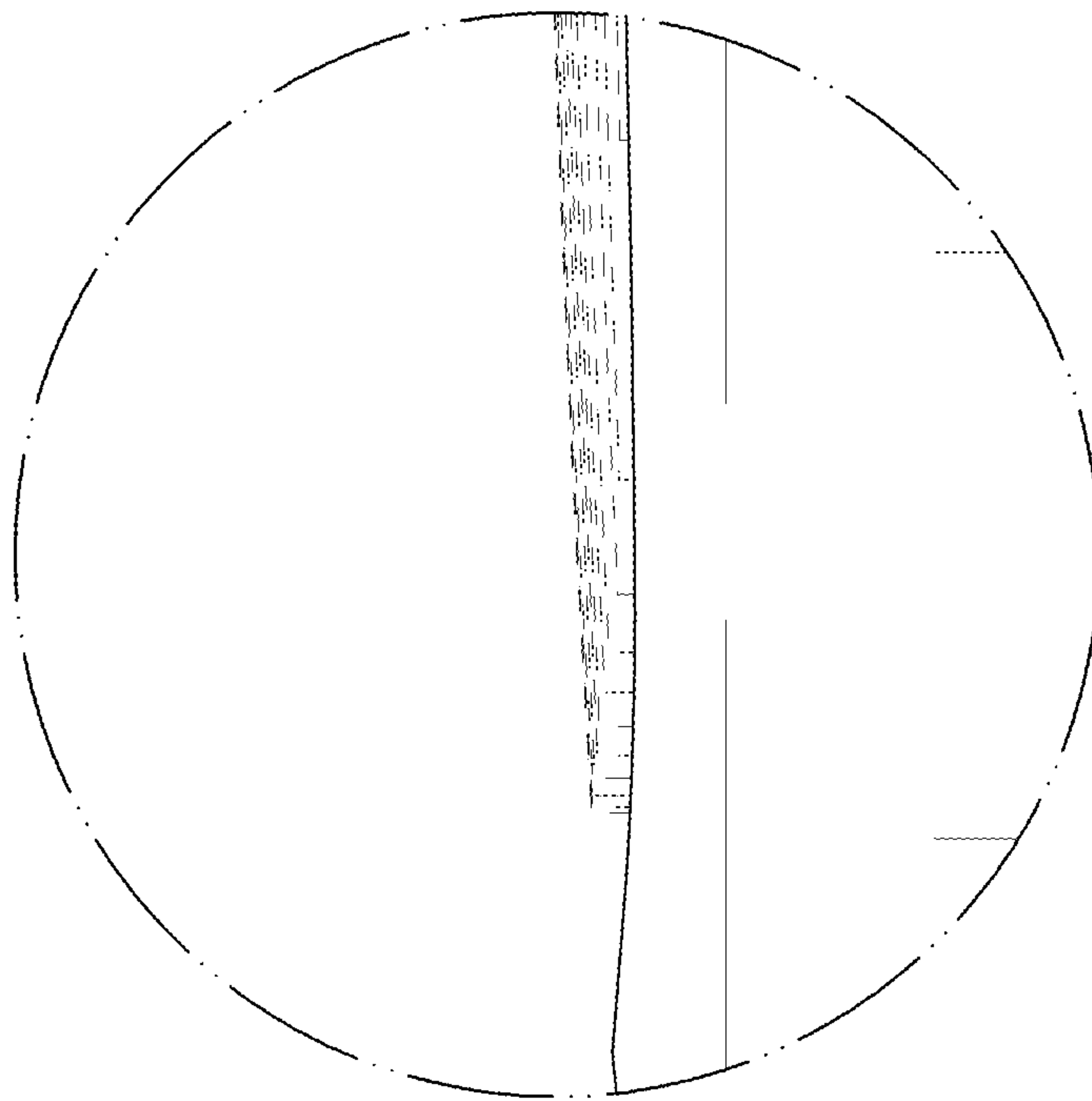




FIG.10

