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(12) **United States Design Patent** (10) **Patent No.:** **US D802,779 S**  
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(54) **NERVE STIMULATOR**  
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(52) **U.S. Cl.**  
USPC ..... **D24/200**  
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A61H 2205/00  
See application file for complete search history.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
3,718,142 A \* 2/1973 Mulier ..... A61N 1/375  
607/36  
D280,341 S 8/1985 Carlisle  
D303,430 S 9/1989 Studer, Jr. et al.  
D337,642 S 7/1993 Yamasaki et al.  
D350,205 S 8/1994 Yamasaki et al.

D364,928 S 12/1995 Yamasaki et al.  
D400,262 S 10/1998 Hirakawa et al.  
D546,472 S 7/2007 Wu  
7,254,444 B2 8/2007 Moore et al.  
D560,810 S 1/2008 Hennessy  
D571,476 S 6/2008 Chuang  
D597,211 S 7/2009 Ewing et al.  
D627,056 S 11/2010 Quensel  
D642,690 S 8/2011 Altmann et al.  
8,019,426 B2 9/2011 Moore et al.  
8,086,318 B2 12/2011 Strother et al.

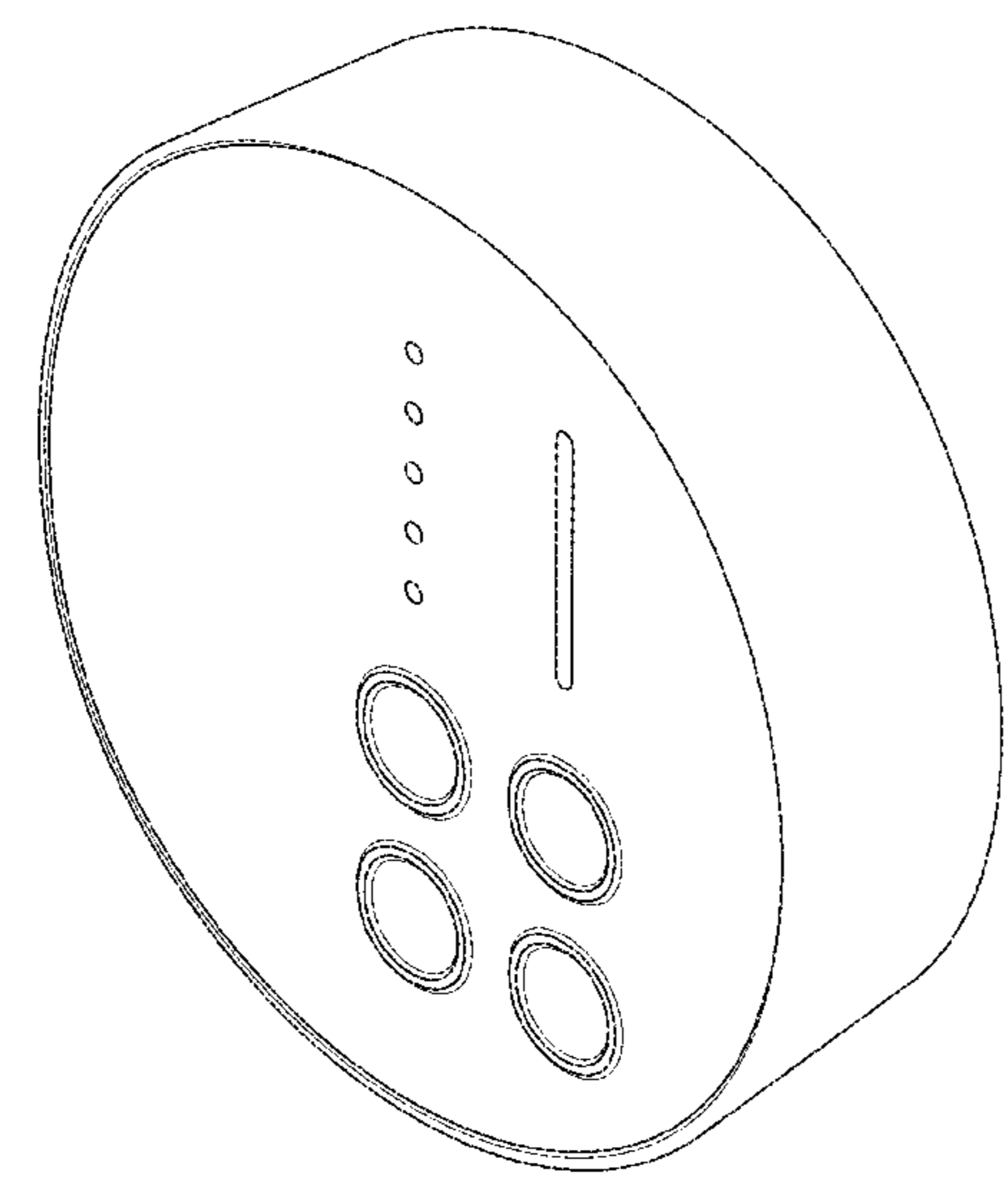
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(57) **CLAIM**  
The ornamental design for a nerve stimulator, as shown and described.

**DESCRIPTION**  
FIG. 1 is an enlarged perspective view of a nerve stimulator showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a left side view thereof;  
FIG. 7 is a right side view thereof;  
FIG. 8 is an enlarged perspective view of a second embodiment of the nerve stimulator;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a top view thereof;  
FIG. 12 is a bottom view thereof;  
FIG. 13 is a left side view thereof; and,  
FIG. 14 is a right side view thereof.  
The broken lines shown in the figures are included for the purpose of illustrating portions of the nerve stimulator that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

8,131,374	B2	3/2012	Moore et al.	
D672,031	S	12/2012	Hunt et al.	
D701,964	S	4/2014	Yoneta et al.	
D706,435	S	6/2014	Weng	
8,761,872	B2 *	6/2014	Hinrichsen	..... A61H 39/002 607/149
D726,924	S	4/2015	Tseng et al.	
D732,677	S	6/2015	Kristensen et al.	
D733,899	S	7/2015	Ferguson et al.	
D759,257	S *	6/2016	Chen	..... D24/200
D768,866	S *	10/2016	Shigeno	..... D24/200
2014/0207219	A1	7/2014	Dunbar et al.	
2015/0112404	A1	4/2015	Holding et al.	

\* cited by examiner

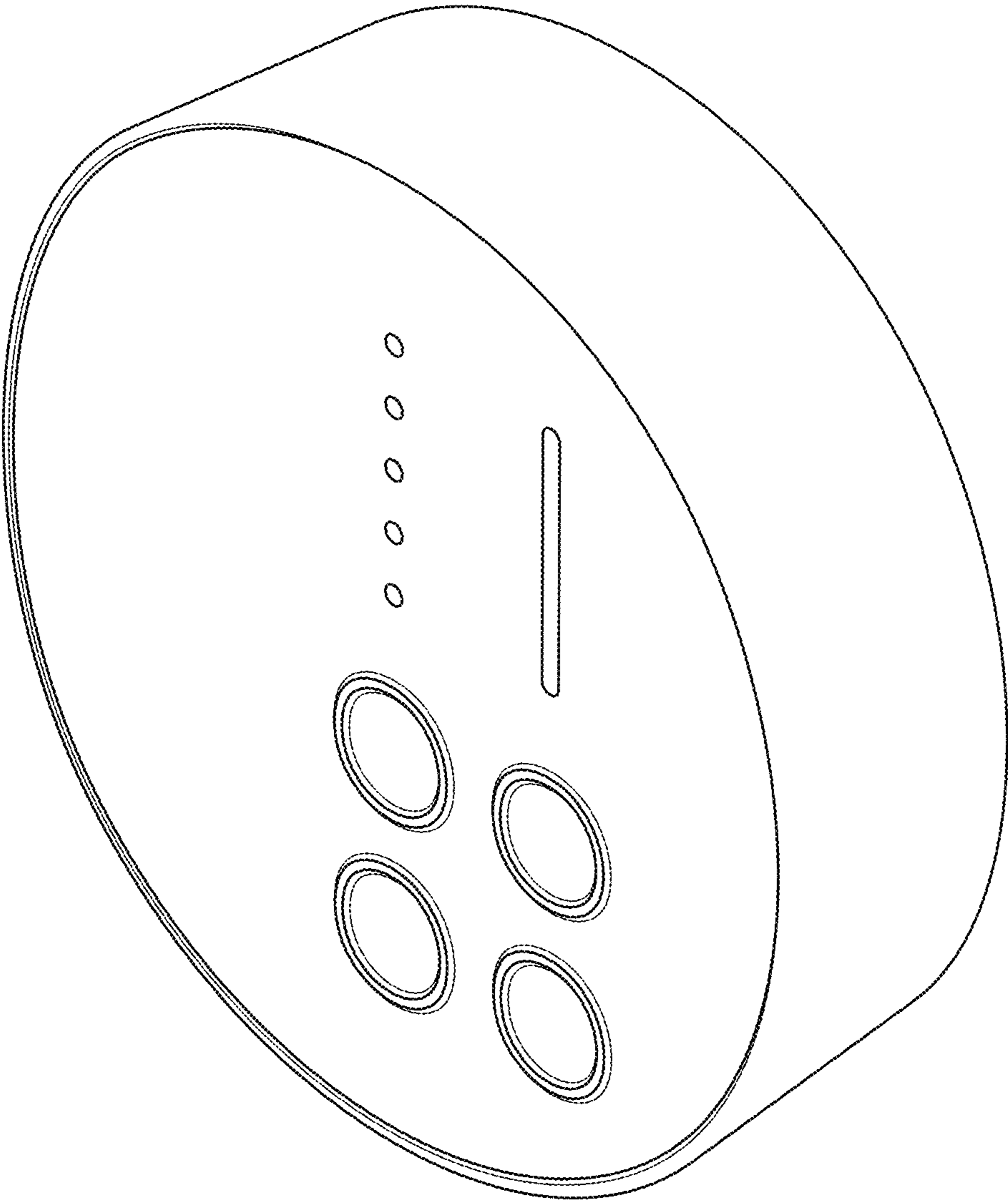


FIG. 1

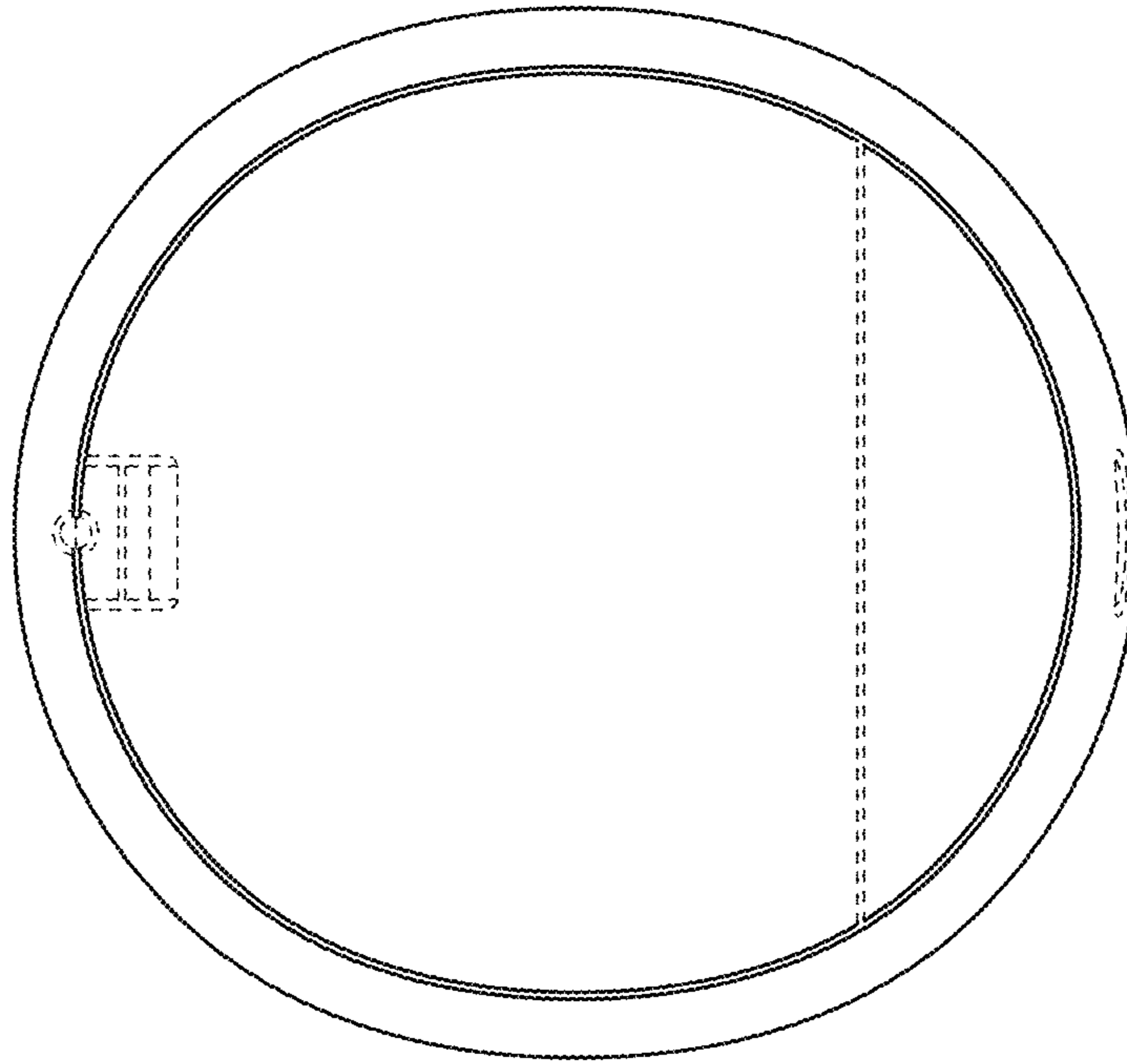


FIG. 2

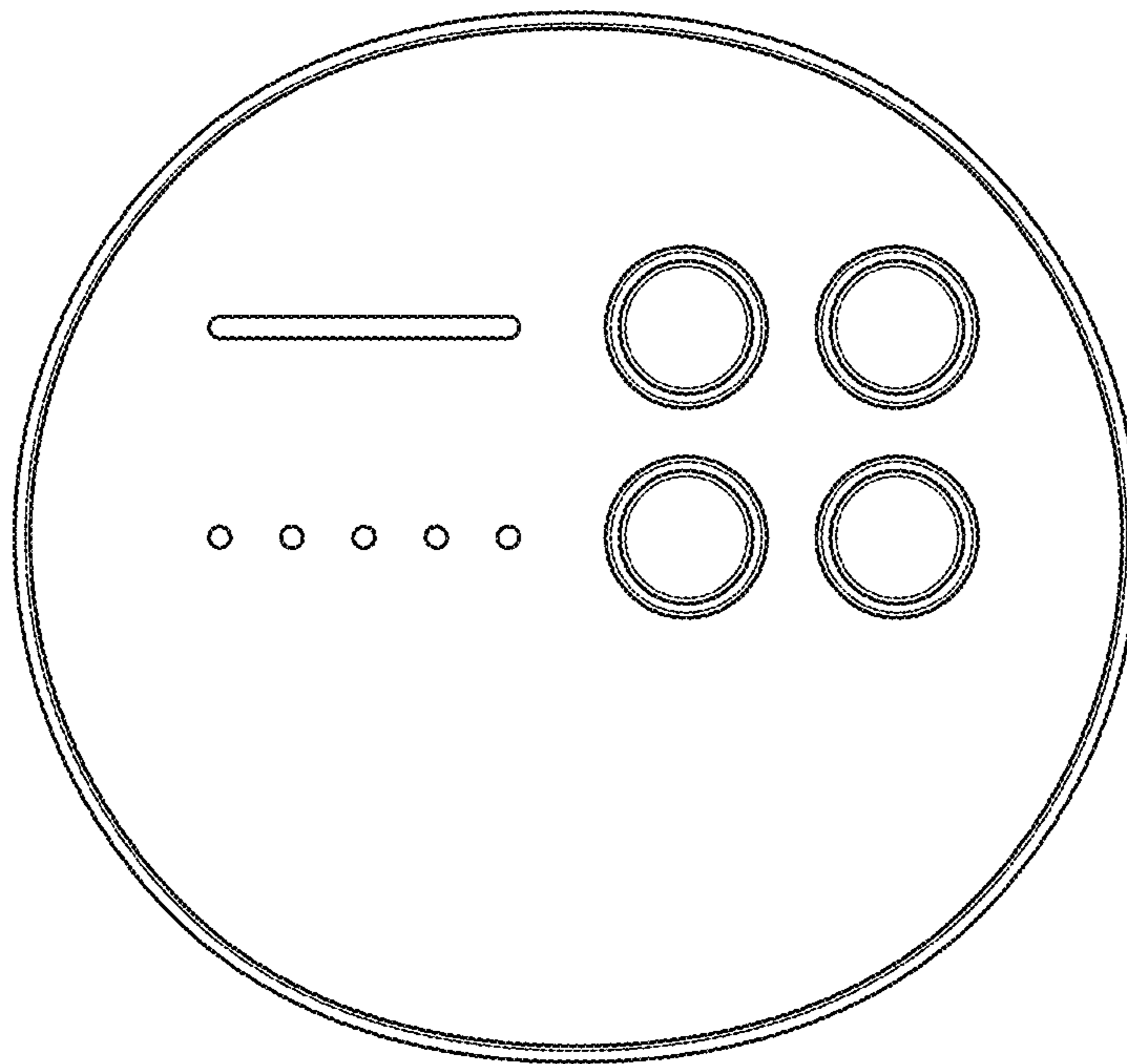


FIG. 3

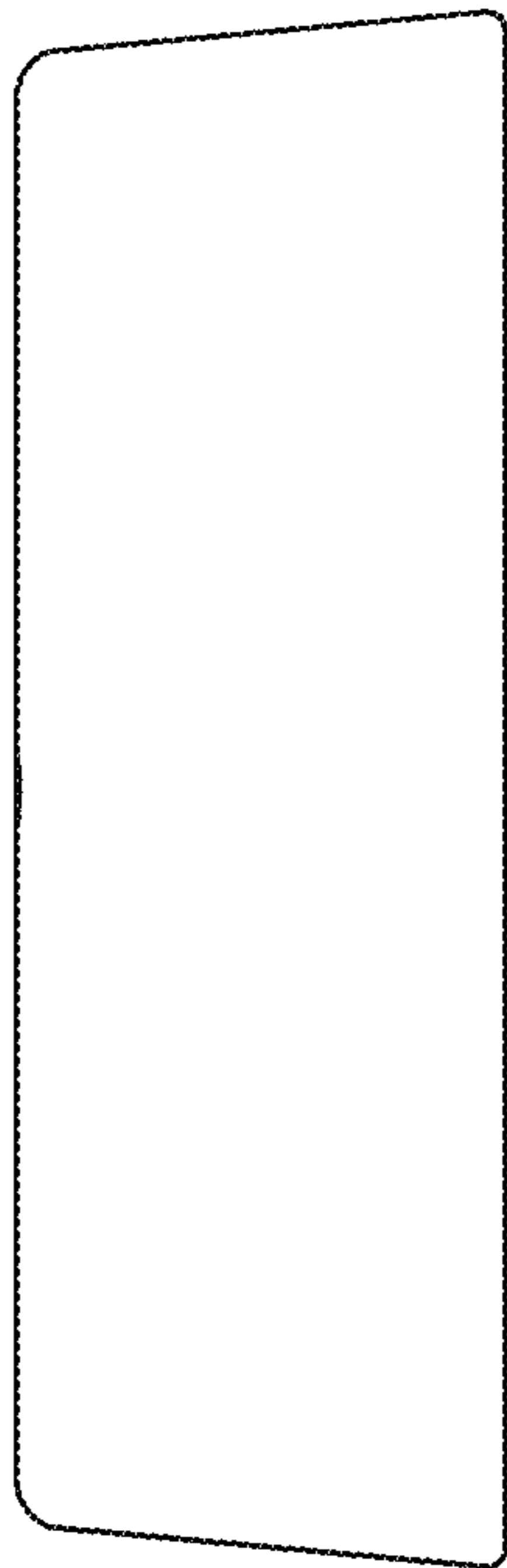


FIG. 4

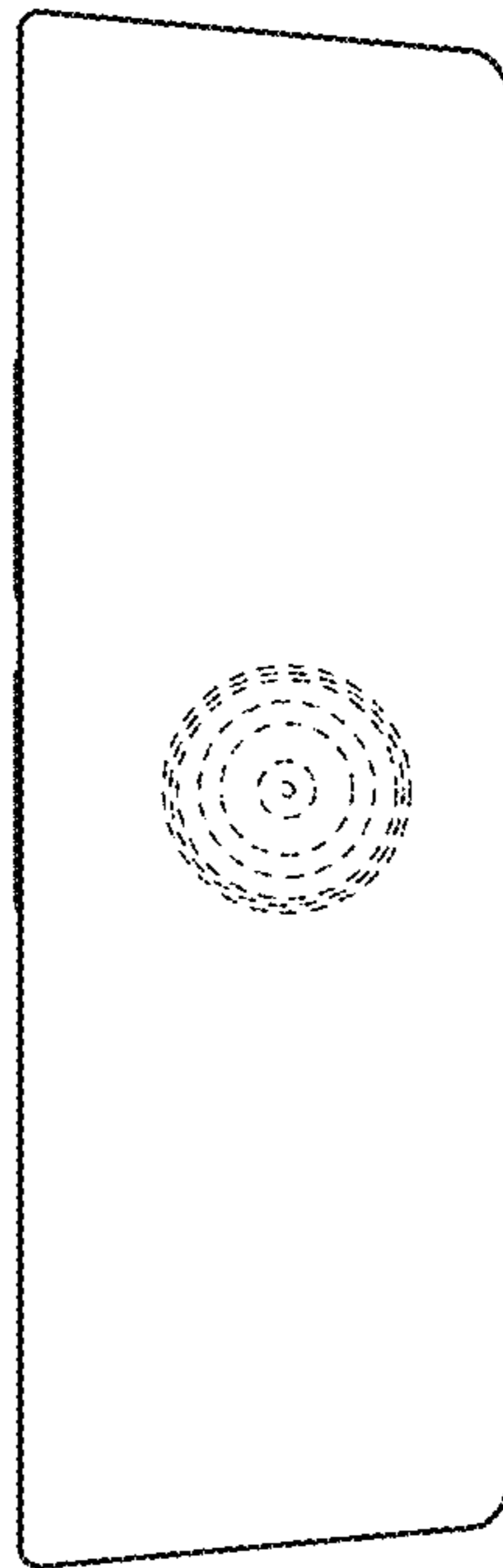


FIG. 5

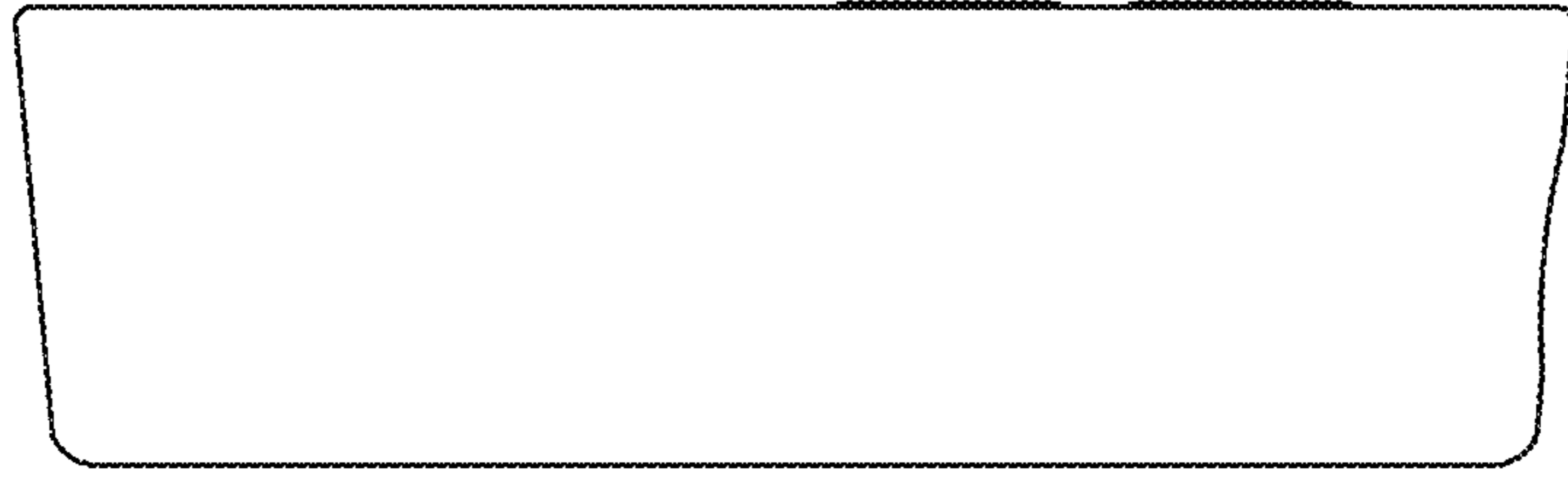


FIG. 6



FIG. 7

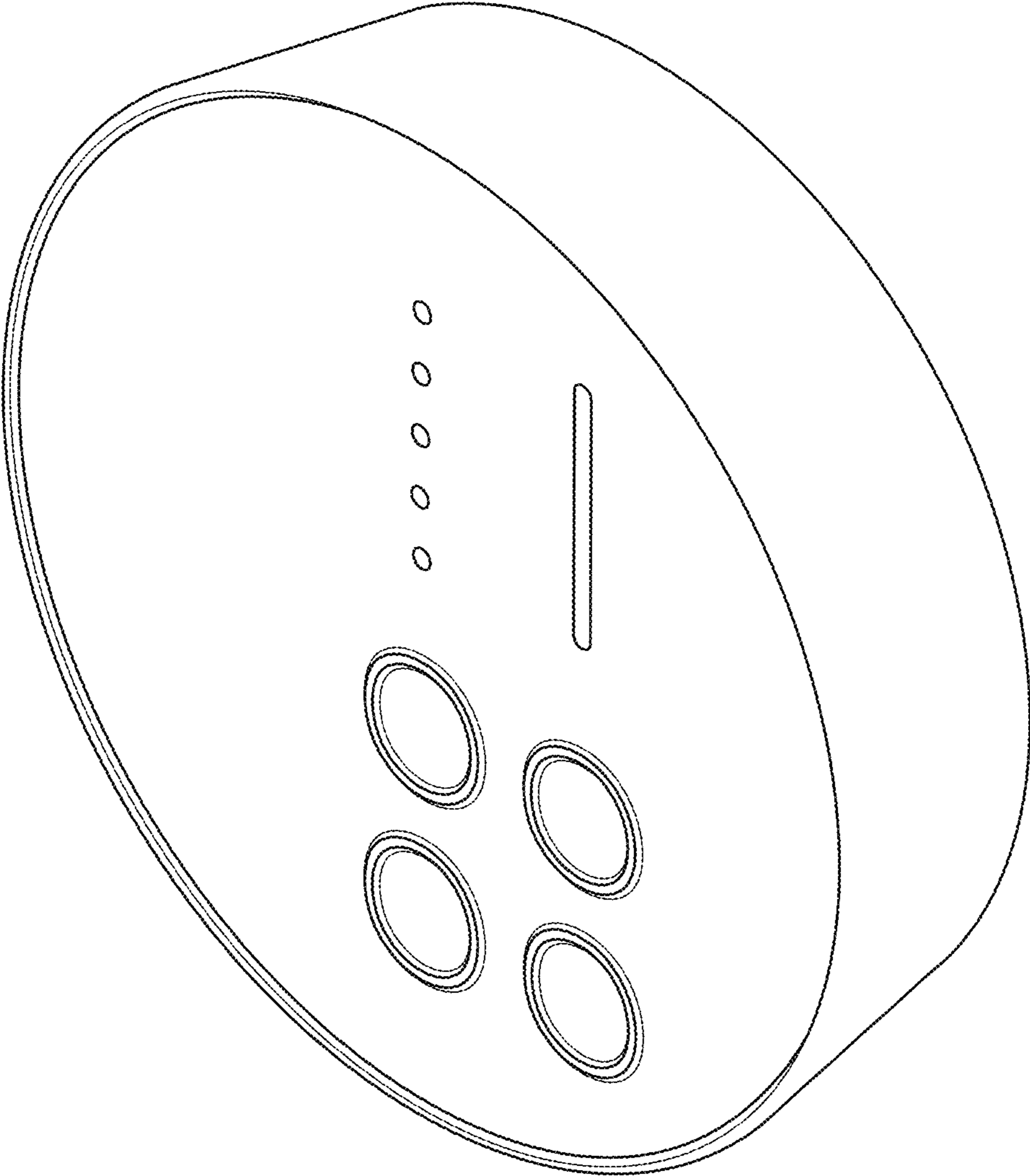


FIG. 8

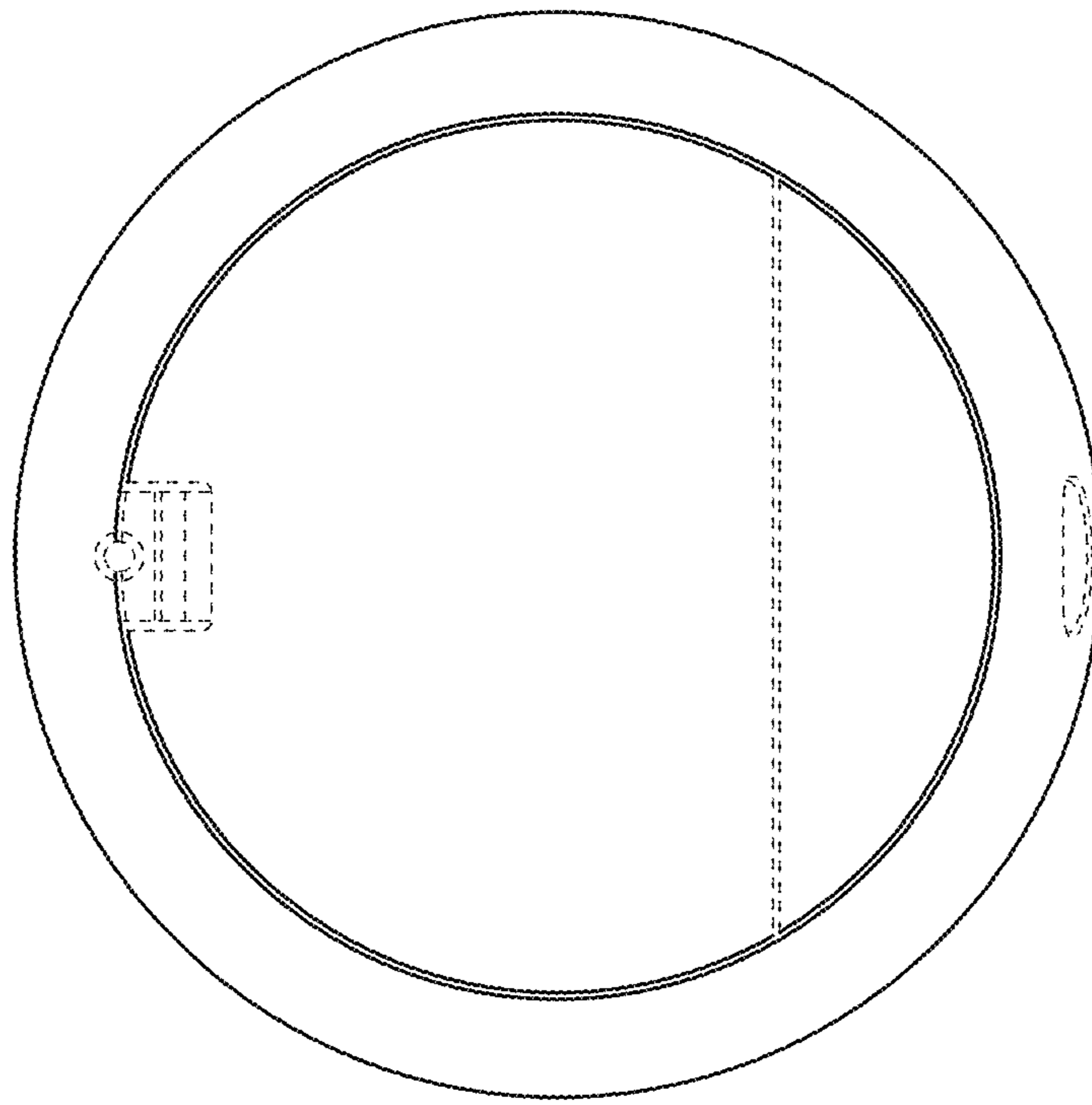


FIG. 10

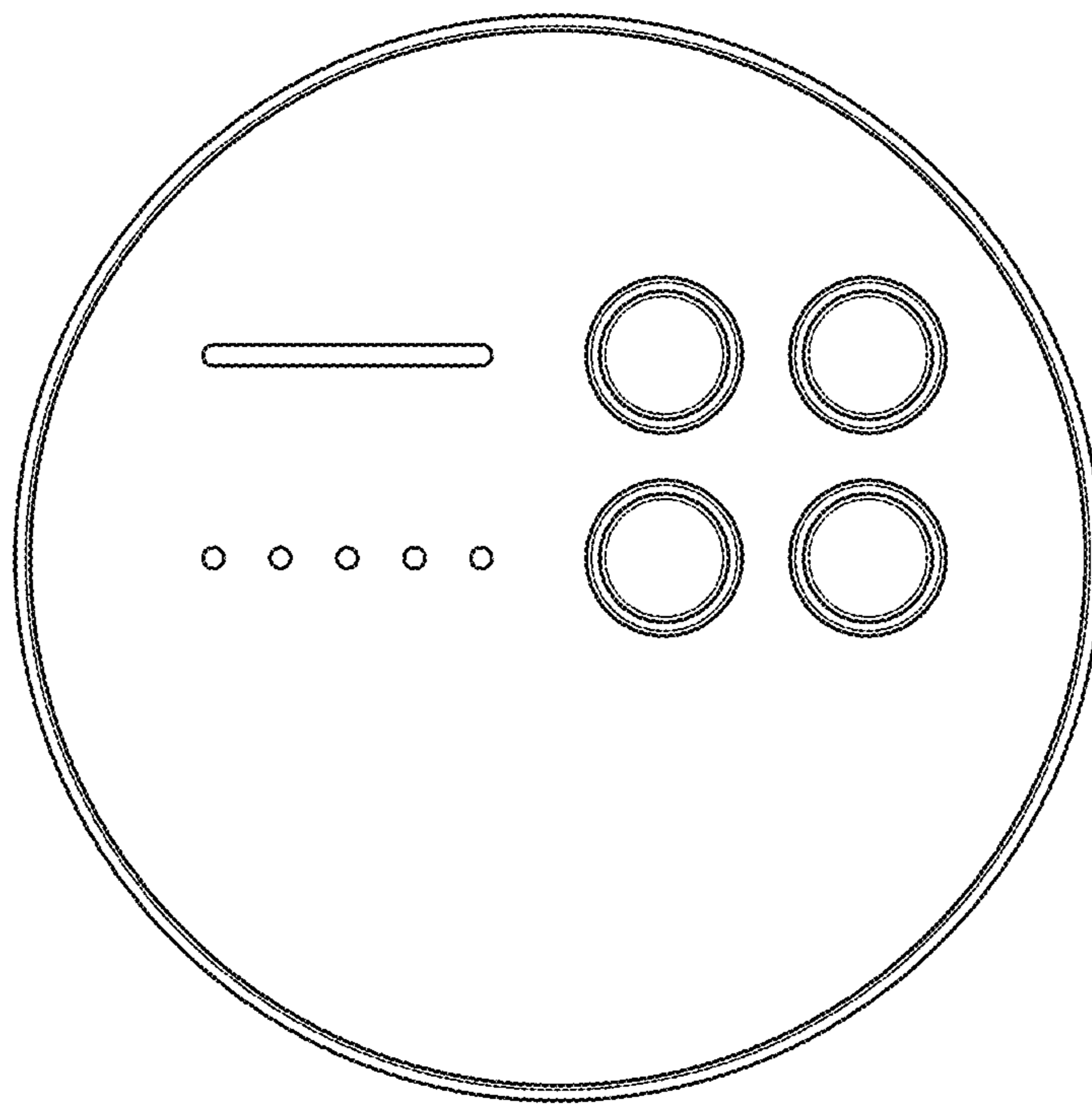


FIG. 9

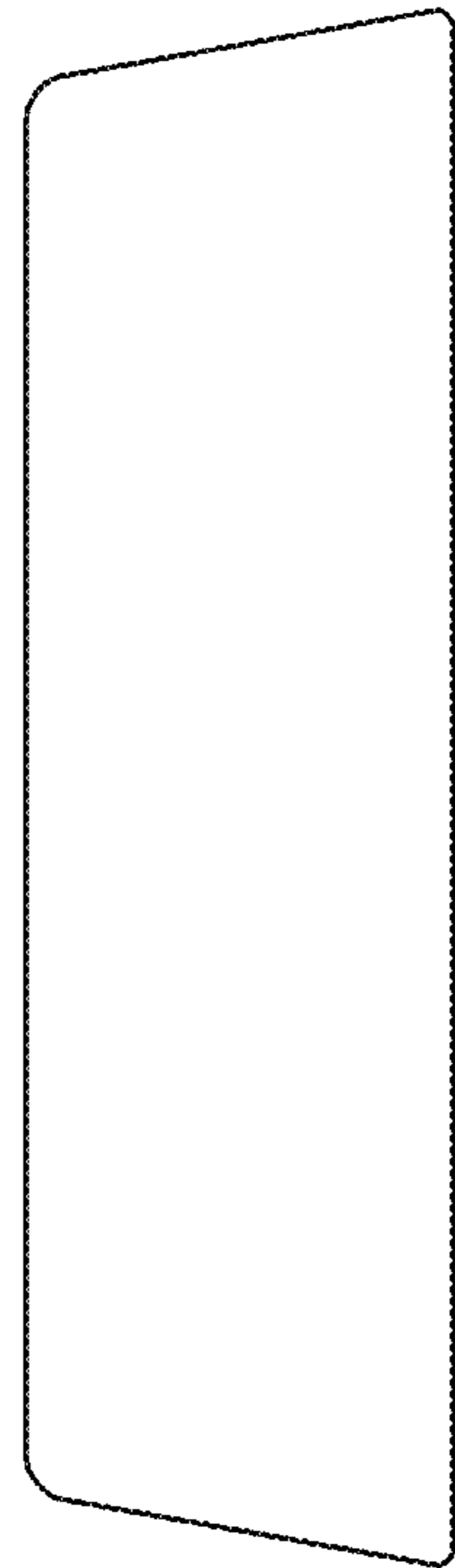


FIG. 11

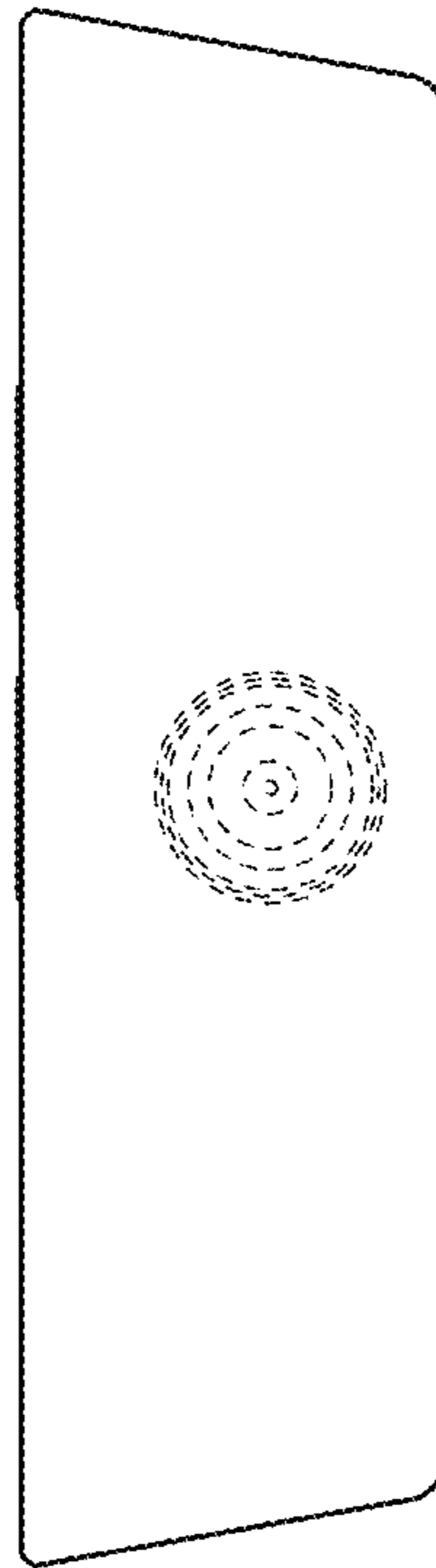


FIG. 12

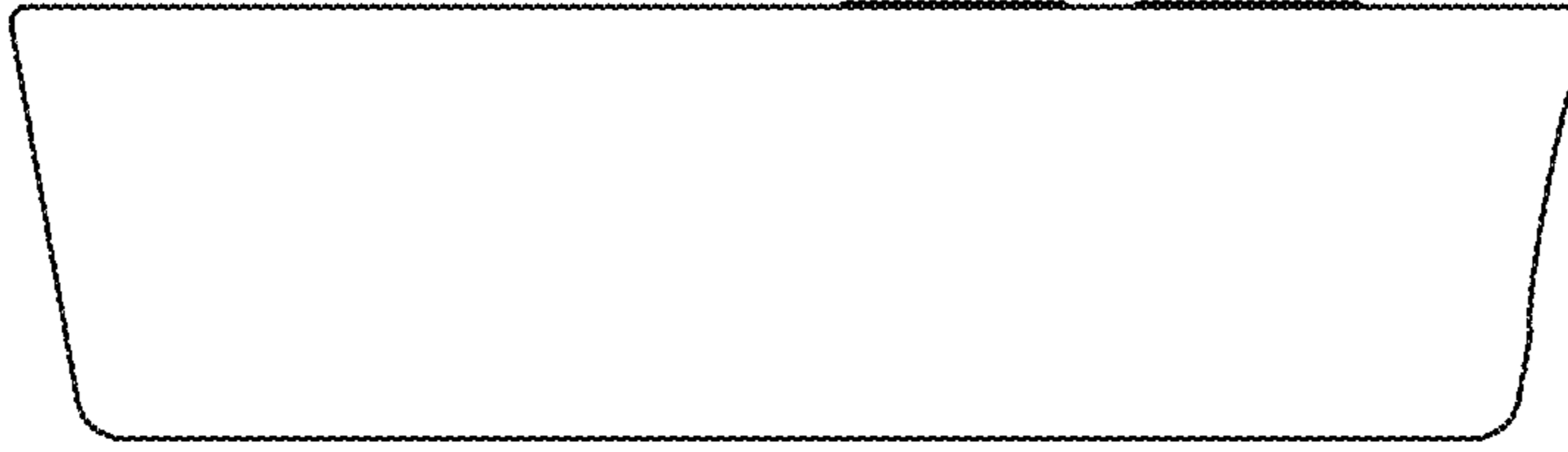


FIG. 13



FIG. 14