

US00D960722S

(12) **United States Design Patent** (10) **Patent No.:** **US D960,722 S**  
**Chen et al.** (45) **Date of Patent:** **\*\* Aug. 16, 2022**

(54) **THREE-DIMENSIONAL SIGN**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Waymo LLC**, Mountain View, CA (US)

WO 2017155740 A1 9/2017  
WO 2017180382 A1 10/2017

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OTHER PUBLICATIONS

International Search Report and Written Opinion for Application No. PCT/US2019/053806 dated Jan. 17, 2020.

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

(57) **CLAIM**

The ornamental design for a three-dimensional sign, as shown and described.

(21) Appl. No.: **29/730,772**

**DESCRIPTION**

(22) Filed: **Apr. 8, 2020**

**Related U.S. Application Data**

(62) Division of application No. 29/673,296, filed on Dec. 13, 2018, now Pat. No. Des. 894,020.

(51) **LOC (13) Cl.** ..... **10-03**

(52) **U.S. Cl.**  
USPC ..... **D10/46**; D10/74; D10/103; D14/299;  
D14/358; D14/432; D14/497; D14/900; D14/901;  
D14/902; D20/10; D20/16; D20/17; D20/18;  
D20/19; D20/99

(58) **Field of Classification Search**  
USPC ..... D10/46, 74, 103; D14/299, 358, 432,  
D14/497, 900, 901, 902; D20/10, 16, 17,  
D20/18, 19, 99

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D713,405 S \* 9/2014 Akana ..... D14/358  
9,599,477 B1 3/2017 Aula et al.

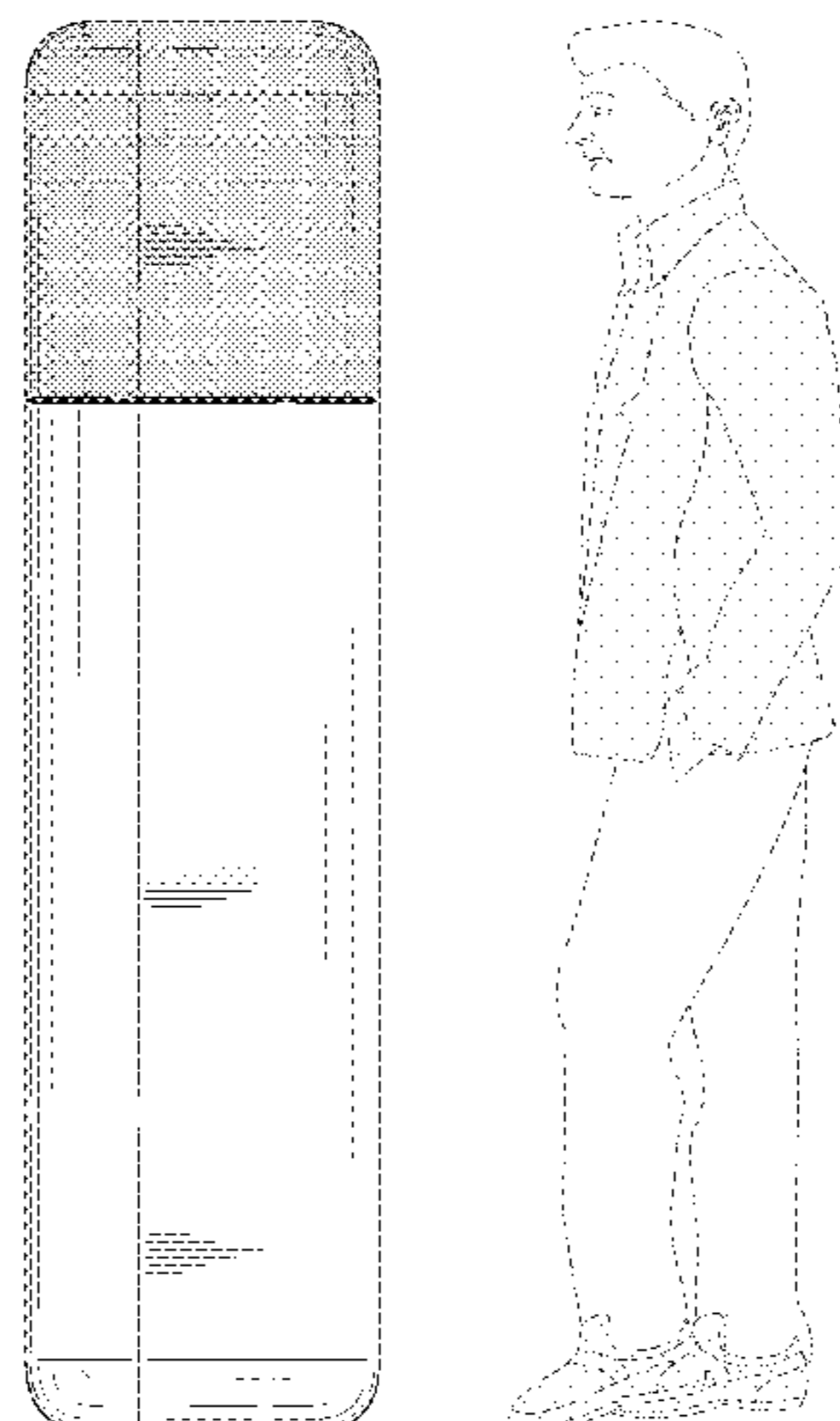
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This application is also related to co-pending design application Ser. No. 29/730,768, entitled Three-Dimensional Sign, filed concurrently herewith, the entire disclosure of which is incorporated by reference herein.

FIG. 1 is a perspective view of a three-dimensional sign according to a first embodiment of our design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a back elevation view thereof;  
FIG. 4 is a right side elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof;  
FIG. 8 is a front elevation view of a three-dimensional sign according to the first embodiment, illustrated in an exemplary scenario;  
FIG. 9 is a perspective view of a three-dimensional sign according to a second embodiment of our design;  
FIG. 10 is a front elevation view thereof;  
FIG. 11 is a back elevation view thereof;  
FIG. 12 is a right side elevation view thereof;  
FIG. 13 is a left side elevation view thereof;  
FIG. 14 is a top plan view thereof; and  
FIG. 15 is a bottom plan view thereof.

The portions in FIGS. 1-6 and 8-14 shown in a pattern of stipple illustrate areas of contrasting appearance.

(Continued)



In FIGS. 9-13, the article is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design. The exemplary individual shown in broken lines in FIG. 8 forms no part of the claimed design. The specific placement of the individual in FIG. 8 is for illustrative purposes only.

**1 Claim, 9 Drawing Sheets**

(58) **Field of Classification Search**

CPC ..... G06K 9/00671; G06K 9/00711; G06K 2209/23; H04B 17/373; H04B 17/27; H04B 17/318; G06T 19/006; G06Q 50/30; G06Q 30/0645; G06Q 10/02; G08G 1/202; G08G 1/005; G05D 1/0088; G05D 1/0276; G05D 1/0291; G05D 2201/0213; G05D 1/0212; G01C 21/3438; G01C 21/3407; G01C 21/362; B60R 25/24; H04W 4/029

See application file for complete search history.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

9,836,057	B2	12/2017	Fairfield et al.	
9,875,589	B1	1/2018	Buttolo et al.	
D831,148	S *	10/2018	Ferrara .....	D21/838
10,290,074	B2	5/2019	Sweeney et al.	
10,401,858	B2	9/2019	Pandit et al.	
10,535,271	B1	1/2020	Dyer et al.	
D914,680	S *	3/2021	Traitel .....	D14/358
2015/0241878	A1	8/2015	Crombez et al.	
2015/0339928	A1	11/2015	Ramanujam	
2016/0370194	A1	12/2016	Colijn et al.	
2017/0075358	A1	3/2017	Zhang	
2017/0147959	A1	5/2017	Sweeney et al.	
2017/0213308	A1	7/2017	Wellborn et al.	
2017/0277191	A1	9/2017	Fairfield et al.	
2017/0344010	A1	11/2017	Rander et al.	
2017/0370734	A1	12/2017	Colijn et al.	
2018/0202822	A1	7/2018	Delizio	
2018/0342035	A1	11/2018	Sweeney et al.	
2019/0065852	A1	2/2019	Badalamenti et al.	

\* cited by examiner

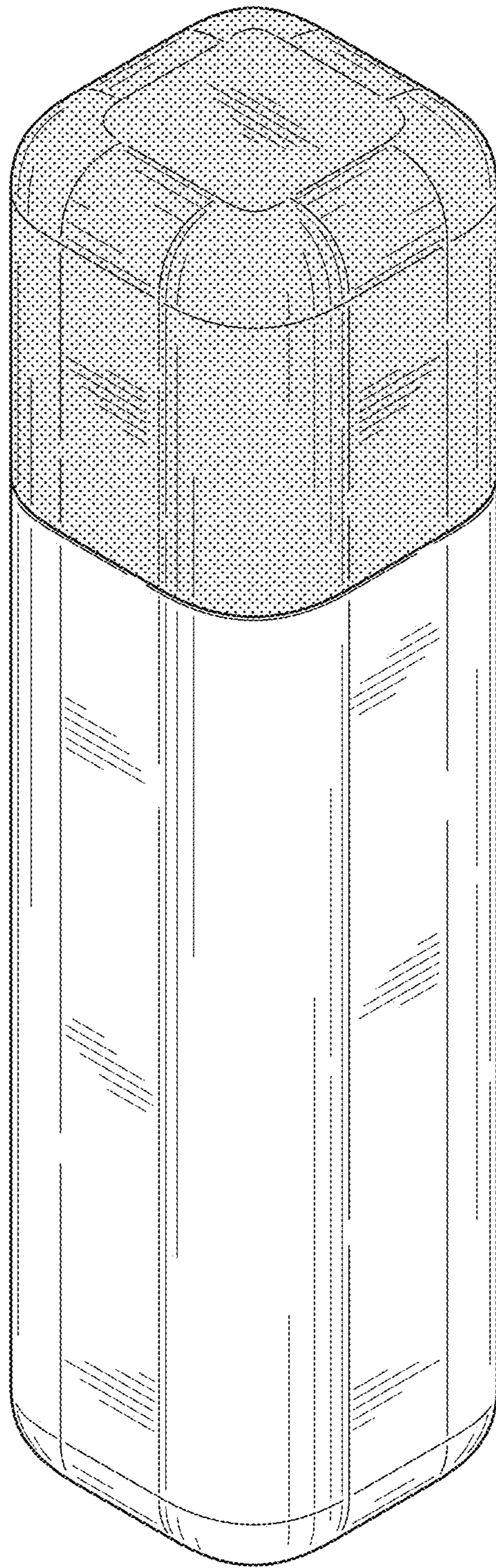


FIG. 1

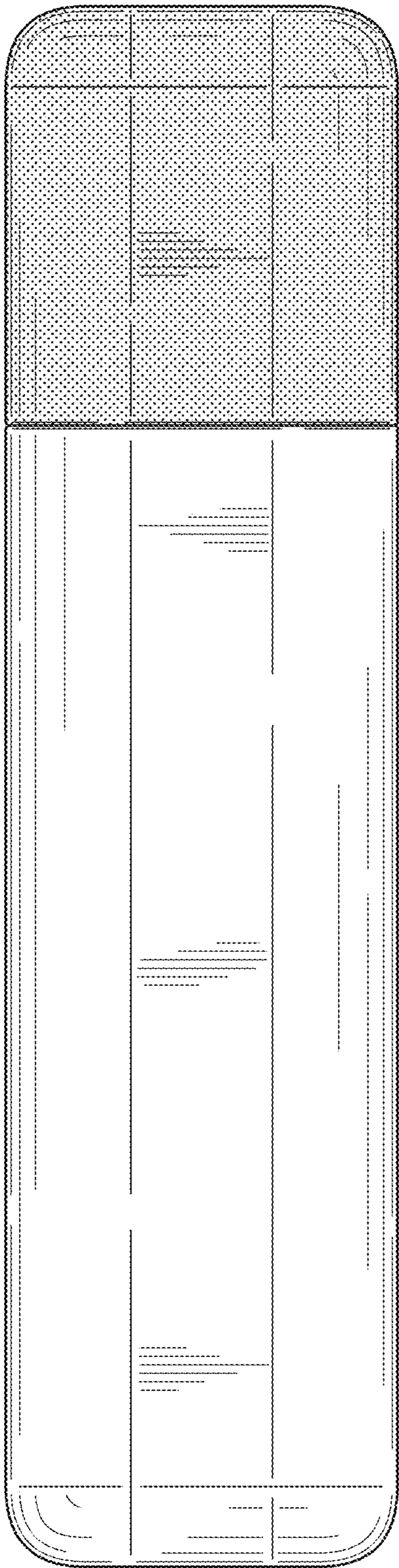


FIG. 2

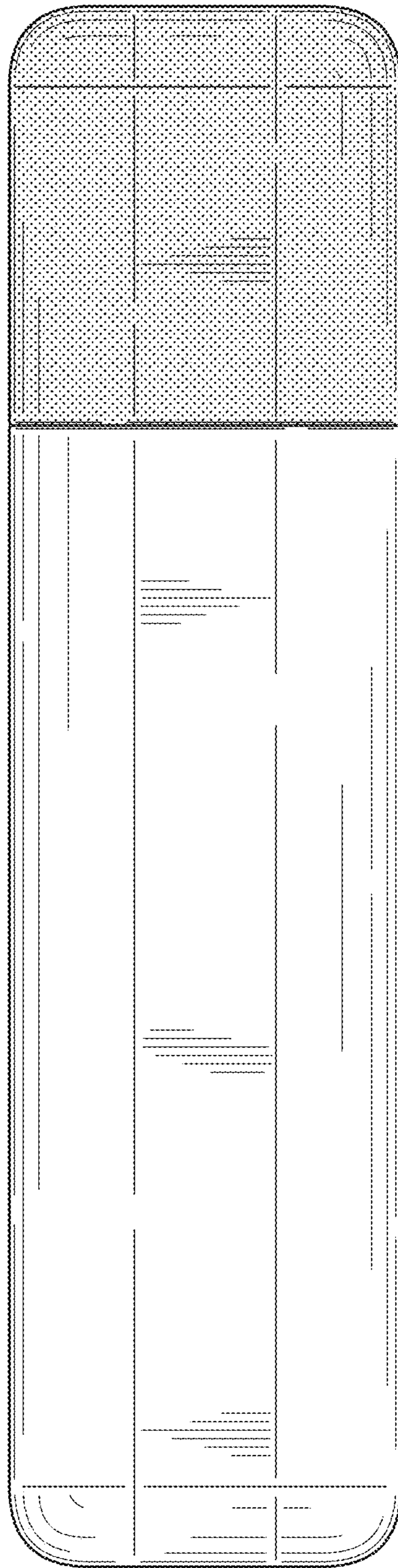


FIG. 3

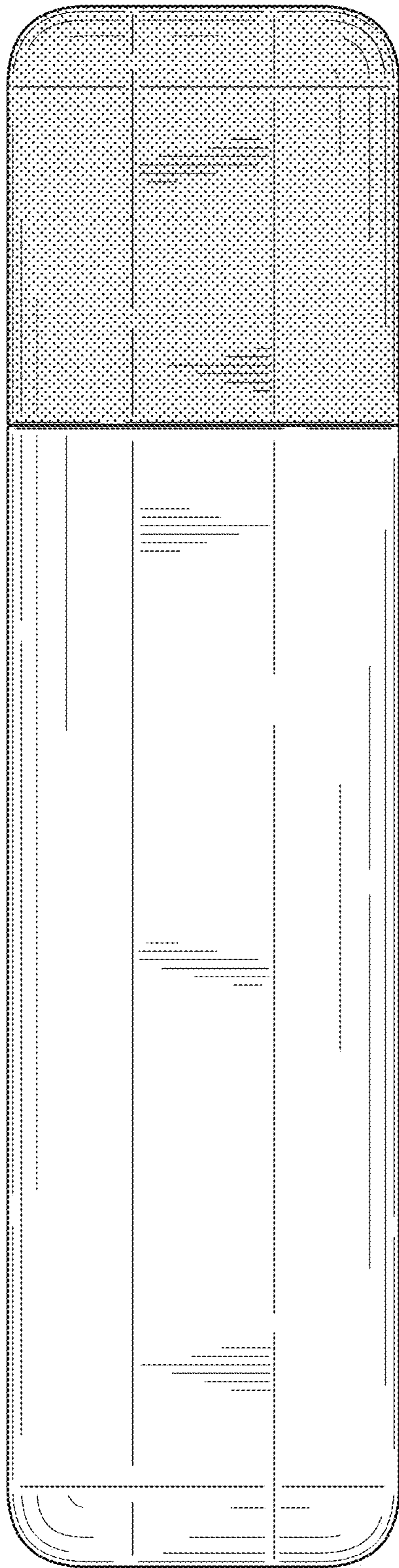


FIG. 4

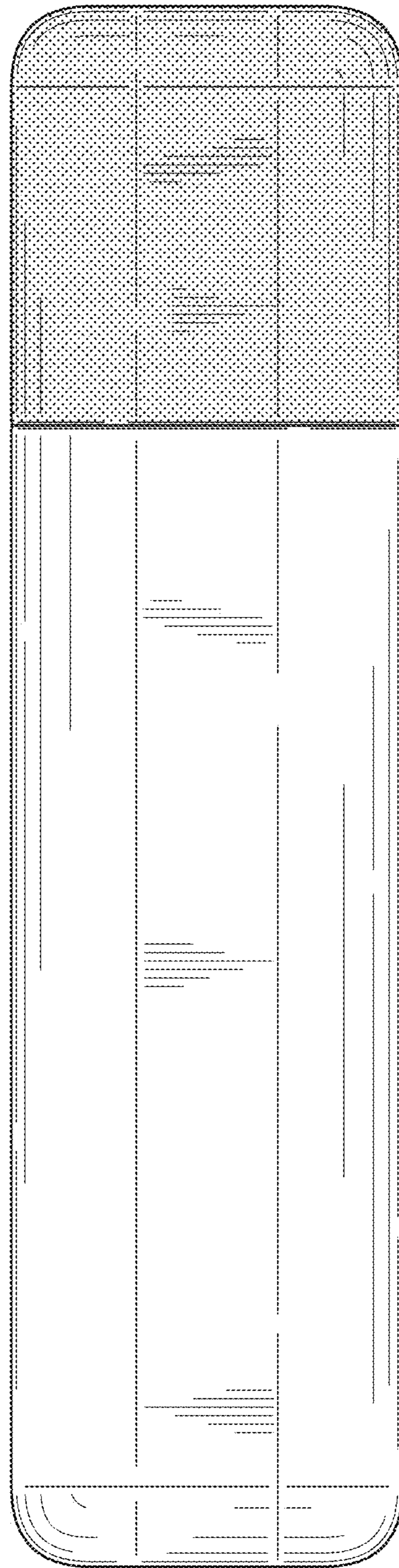


FIG. 5

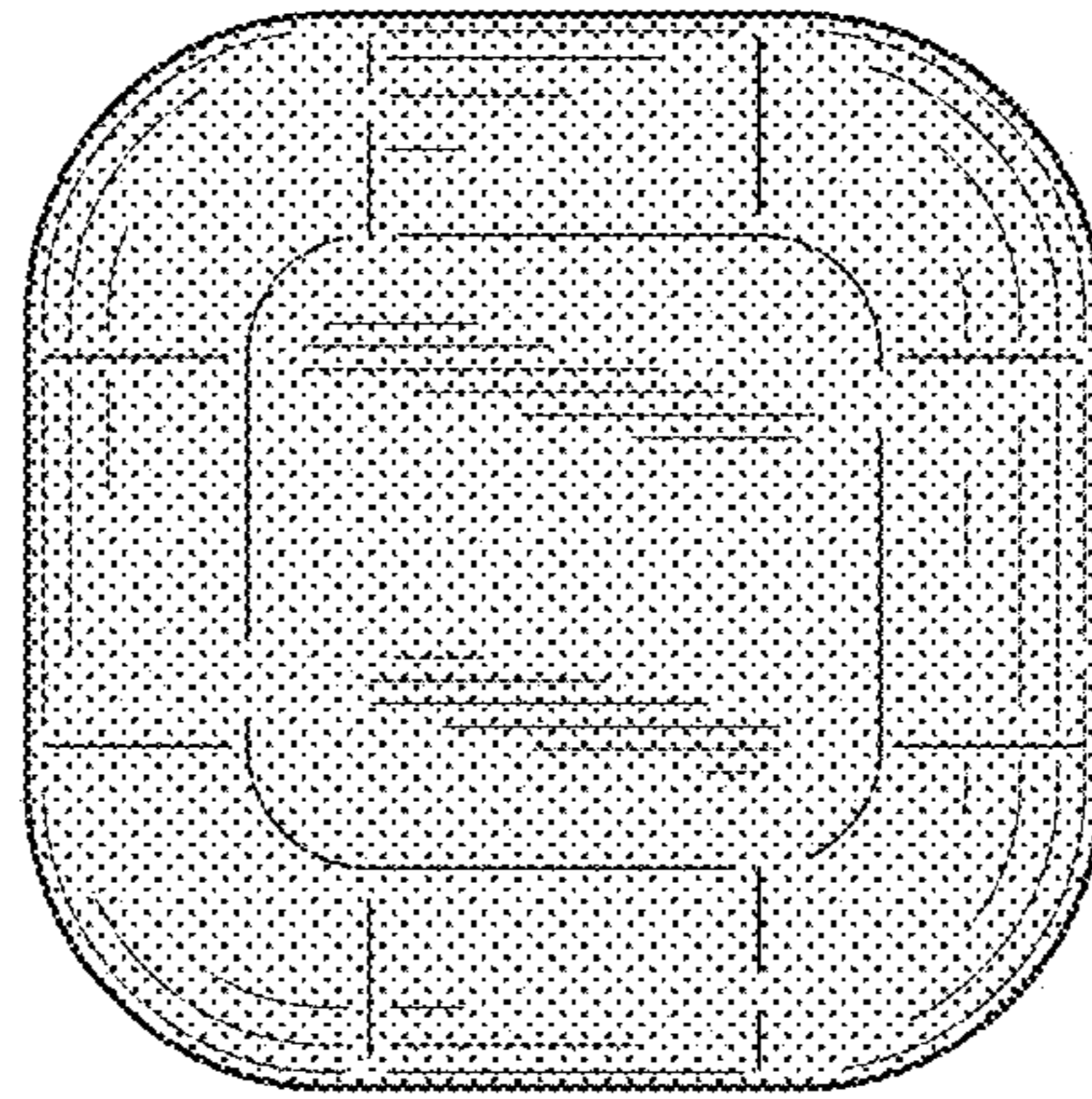


FIG. 6

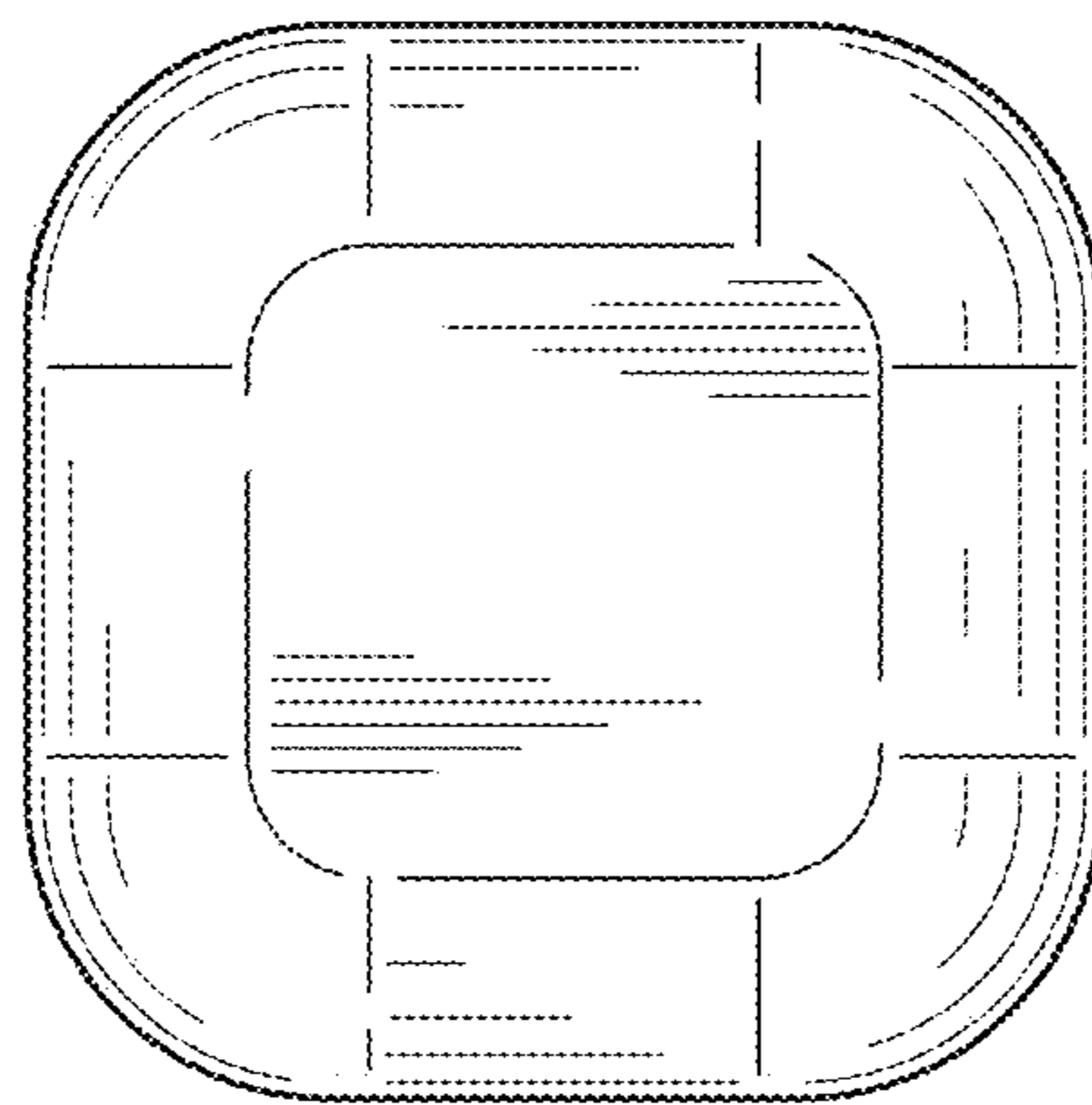


FIG. 7

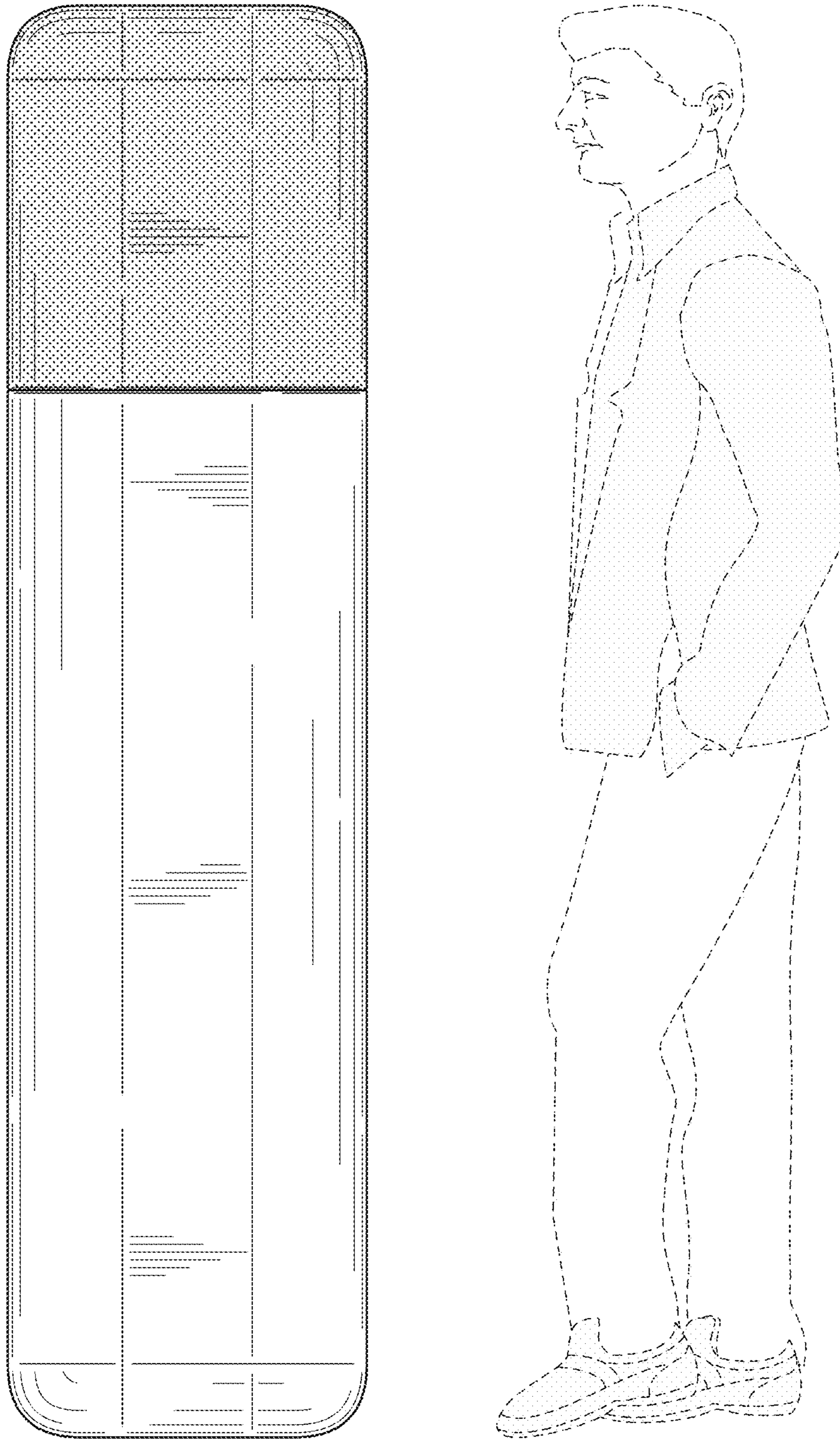


FIG. 8

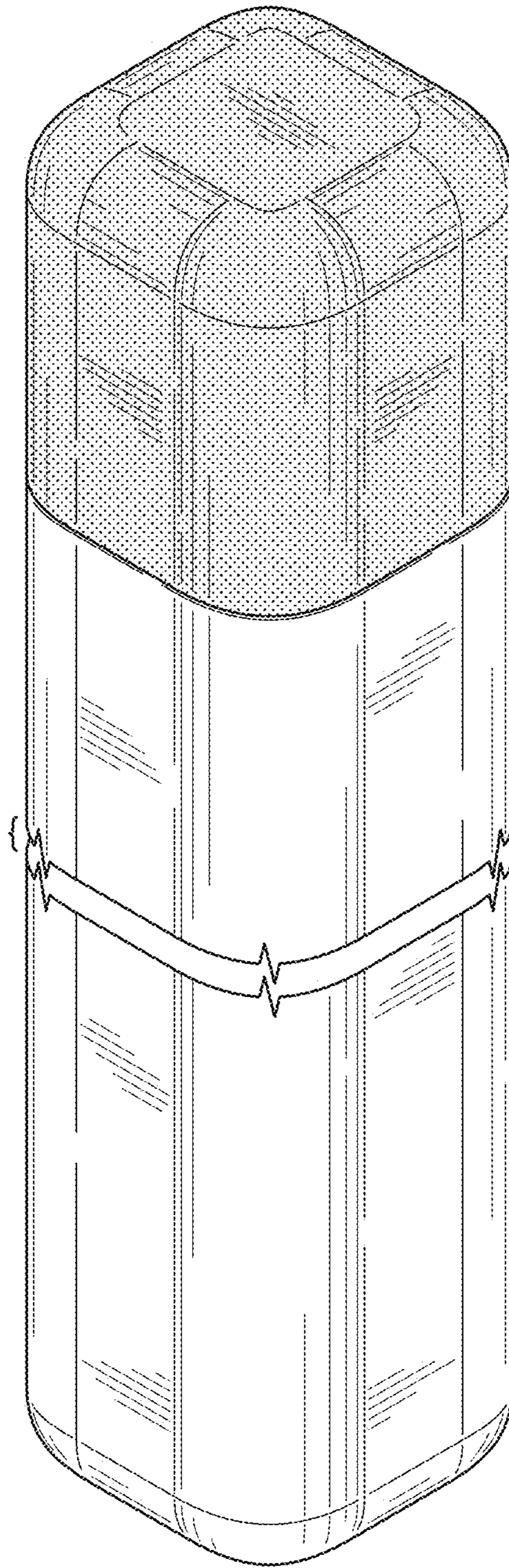


FIG. 9



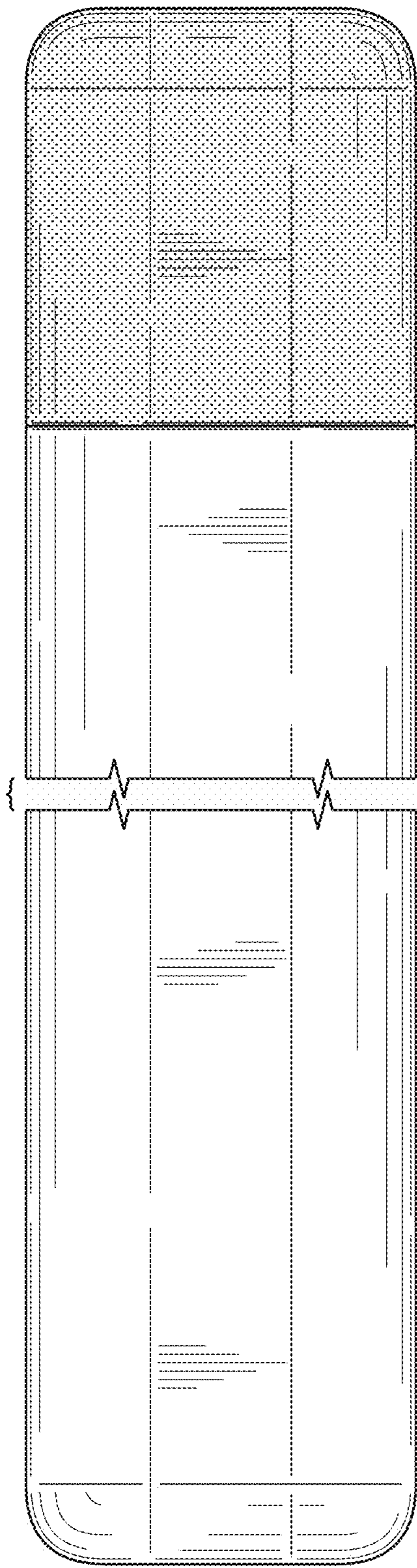


FIG. 10

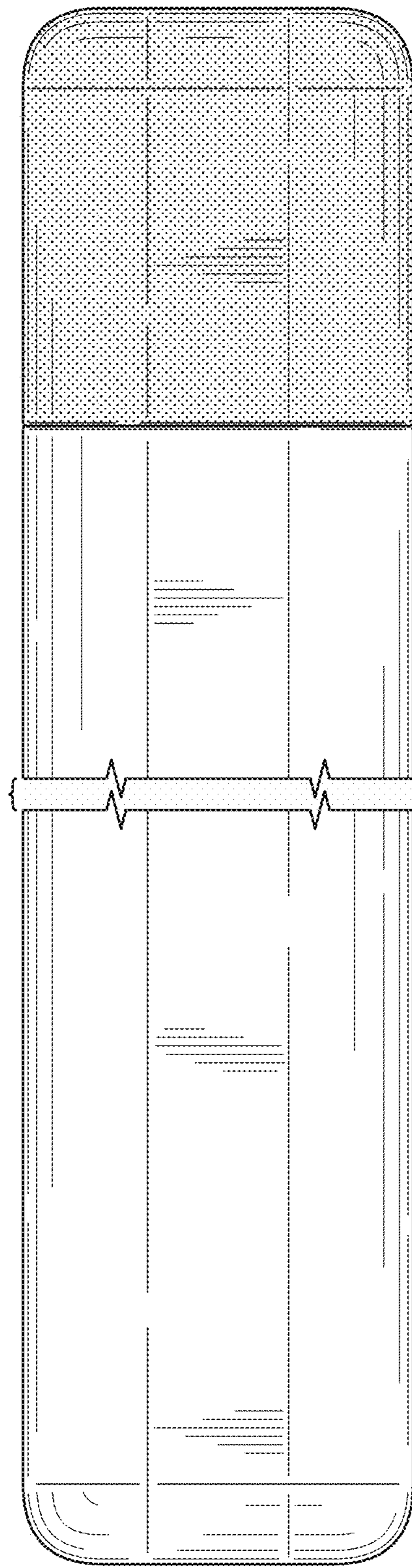


FIG. 11

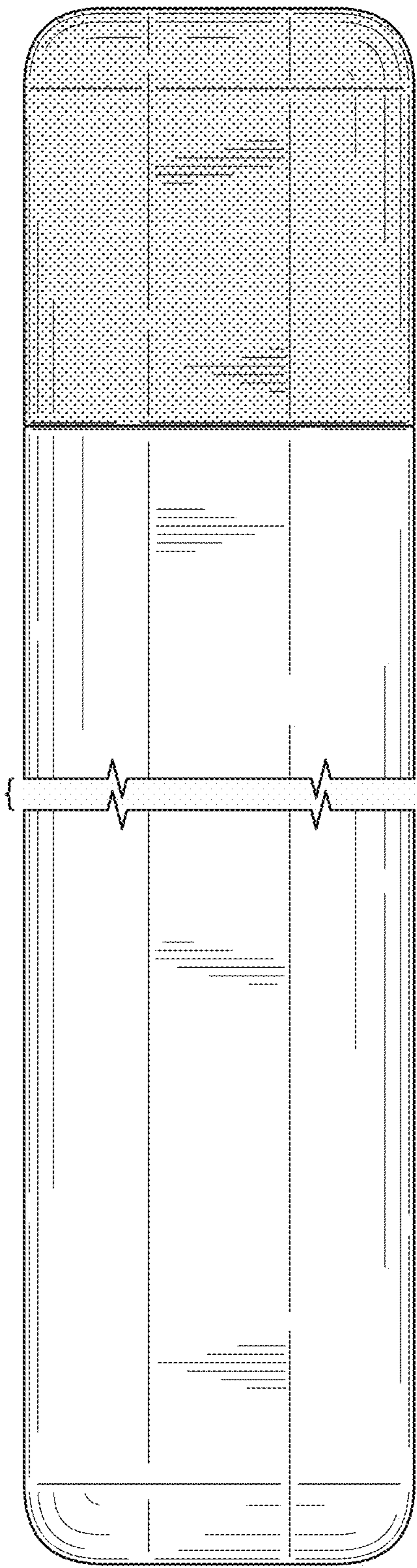


FIG. 12

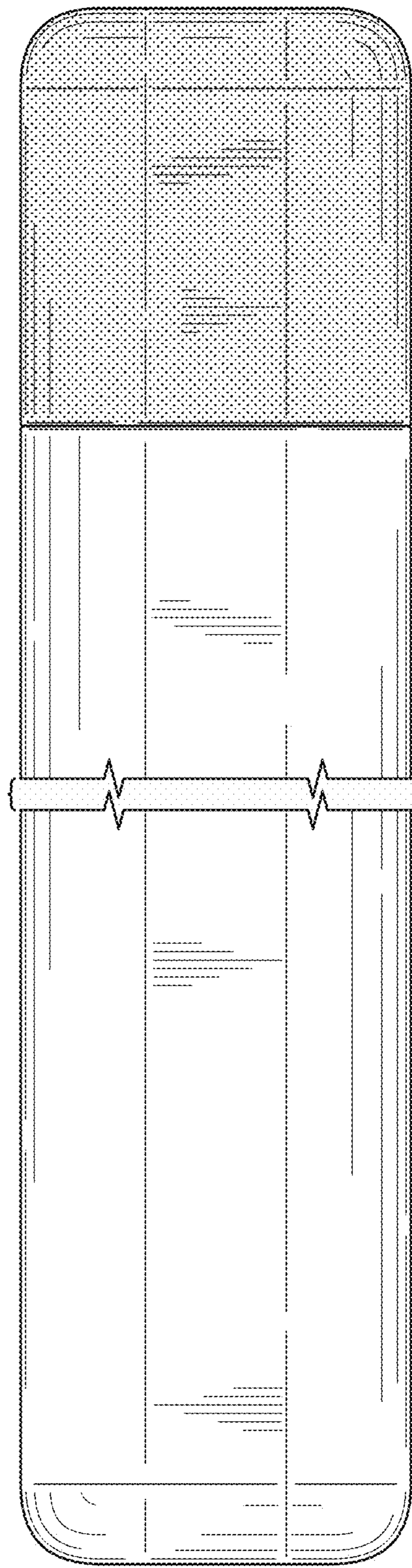


FIG. 13

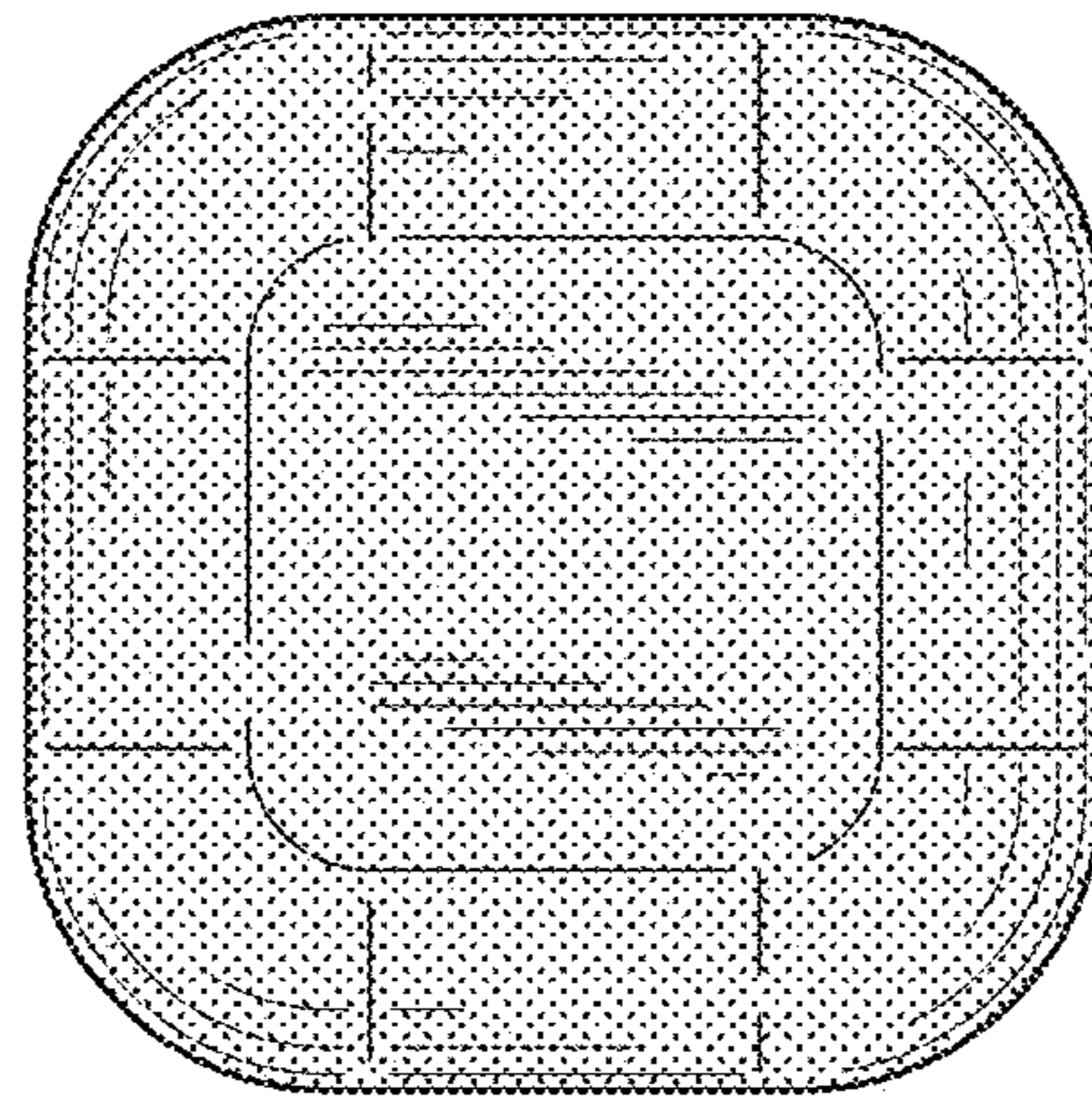


FIG. 14

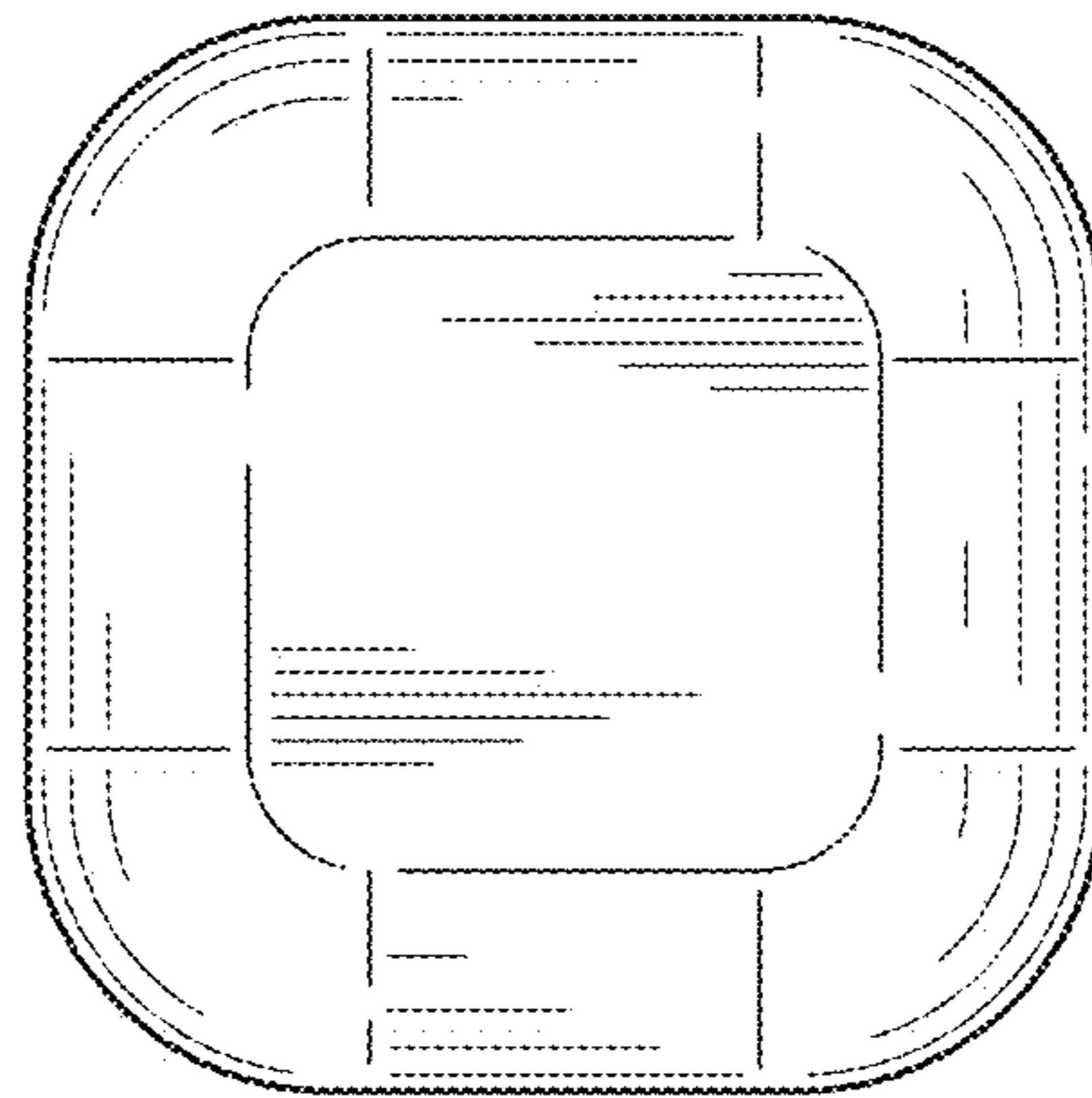


FIG. 15