



US00D708531S

(12) **United States Design Patent**  
**Ofir et al.**

(10) **Patent No.:** **US D708,531 S**  
(45) **Date of Patent:** **\*\* Jul. 8, 2014**

- (54) **ALCOHOL DETECTION DEVICE**
- (71) Applicant: **Alcoholoot, LLC**, New York, NY (US)
- (72) Inventors: **Jonathan Ofir**, Irvine, CA (US); **Noam Navon**, Kiryat Tivon (IL); **Eldad Yichie**, Yokneam Eilit (IL); **Ben Biron**, Kfar Saba (IL)
- (73) Assignee: **Alcoholoot, LLC**, New York, NY (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/465,436**
- (22) Filed: **Aug. 28, 2013**
- (51) **LOC (10) Cl.** ..... **10-04**
- (52) **U.S. Cl.**  
USPC ..... **D10/81; D10/78**
- (58) **Field of Classification Search**  
CPC ..... A61B 5/0833; A61B 5/097; G01N 1/22;  
G01N 1/2214; G01N 33/497; G01N 2030/085;  
G01N 2030/128; G01N 2001/2244; G01N  
33/0044; G01N 33/0031  
USPC ..... D10/78, 81  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D520,888	S	*	5/2006	Sydrowski et al.	.....	D10/81
D521,885	S	*	5/2006	Eddy et al.	.....	D10/81
D539,683	S	*	4/2007	Shaw et al.	.....	D10/81
D539,684	S	*	4/2007	Kitamura et al.	.....	D10/81
D586,677	S	*	2/2009	Nothacker et al.	.....	D10/78
D597,865	S	*	8/2009	Bernard et al.	.....	D10/52
D597,866	S	*	8/2009	Bernard et al.	.....	D10/52
D603,281	S	*	11/2009	Gonzalez	.....	D10/81
D606,434	S	*	12/2009	Castrodale et al.	.....	D10/81
D627,669	S	*	11/2010	Zheng	.....	D10/81
D628,104	S	*	11/2010	Zheng	.....	D10/81
D692,334	S	*	10/2013	Horito et al.	.....	D10/81
2006/0081033	A1	*	4/2006	Peng	.....	73/31.05
2008/0200825	A1	*	8/2008	Rich et al.	.....	600/532
2009/0187111	A1	*	7/2009	Reilly et al.	.....	600/532
2009/0325639	A1	*	12/2009	Koehn	.....	455/556.1
2011/0252869	A1	*	10/2011	Kilps et al.	.....	73/28.05

2011/0308297	A1	*	12/2011	Tsuzuki et al.	.....	73/23.3
2012/0031166	A1	*	2/2012	Lopez et al.	.....	73/23.3
2012/0079871	A1	*	4/2012	Williamson	.....	73/28.01
2012/0130204	A1	*	5/2012	Basta et al.	.....	600/301
2012/0157871	A1	*	6/2012	Walden et al.	.....	600/532
2012/0272713	A1	*	11/2012	Kountotsis et al.	.....	73/23.3
2012/0302908	A1	*	11/2012	Hemnes et al.	.....	600/532
2013/0305808	A1	*	11/2013	Yoo	.....	73/23.3

**OTHER PUBLICATIONS**

Breathometer, "Breathometer.com", Jul. 23, 2012 to Nov. 19, 2013, Internet Archive <<http://web.archive.org/web/20130212143807/www.breathometer.com>>, 1 page.

Bactrack Mobile Breathalyzer, "www.bactrack.com/page/bactrack-mobile-breathalyzer", May 17, 2013 to Sep. 13, 2013, Internet Archive <<http://web.archive.org/web/20130813053641/http://www.bactrack.com/pages/bactrack-mobile-breathalyzer>>, 11 pages.

The Android Breathalyzer, "www.instructables.com/id/The-Android-Breathalyzer", Nov. 17, 2011 to Oct. 26, 2013, Internet Archive <<http://web.archive.org/web/20111117112616/http://www.instructables.com/id/The-Android-Breathalyzer/>> 7 pages.

Android Breathalyzer, "http://www.users.muohio.edu/jamiespa/teaching/ECE\_387/Final\_Projects-May\_25\_2011/a957bec17a46ccfb23f6359d310ed9ea.html", Sep. 6, 2013, Internet Archive <<http://web.archive.org/web/20111117112616/http://www.instructables.com/id/The-Android-Breathalyzer/>> 2 pages.

Alcoholoot, "Alcoholoot—The World's First Smartphone Breathalyzer", Jan. 20, 2012, p. 1, Retrieved from the Internet: URL:<http://youtu.be/AUBtaqtHBo> retrieved on Oct. 16, 2013.

Griffis, Jesse, "Android Breathalyzer", May 6, 2011, p. 1, Retrieved from the Internet: URL:<http://youtu.be/IT8r078nXrM> on Oct. 16, 2013.

Elin, Vladimir, "Is Your Seventh Sense! Do-Ra Intersofteurasia", Intersoft Eurasia, Jun. 21-23, 2012, pp. 1-7, Retrieved from the Internet: URL:[http://intersofteurasia.ru/assets/files/doc/doc\\_134062392873.ppt](http://intersofteurasia.ru/assets/files/doc/doc_134062392873.ppt) on Oct. 16, 2013.

International Searching Authority, Invitation to Pay Additional Fees and, Where Applicable, Protest Fee for International Application No. PCT/US2013/056995, Oct. 23, 2013, 5 pages, European Patent Office, The Netherlands.

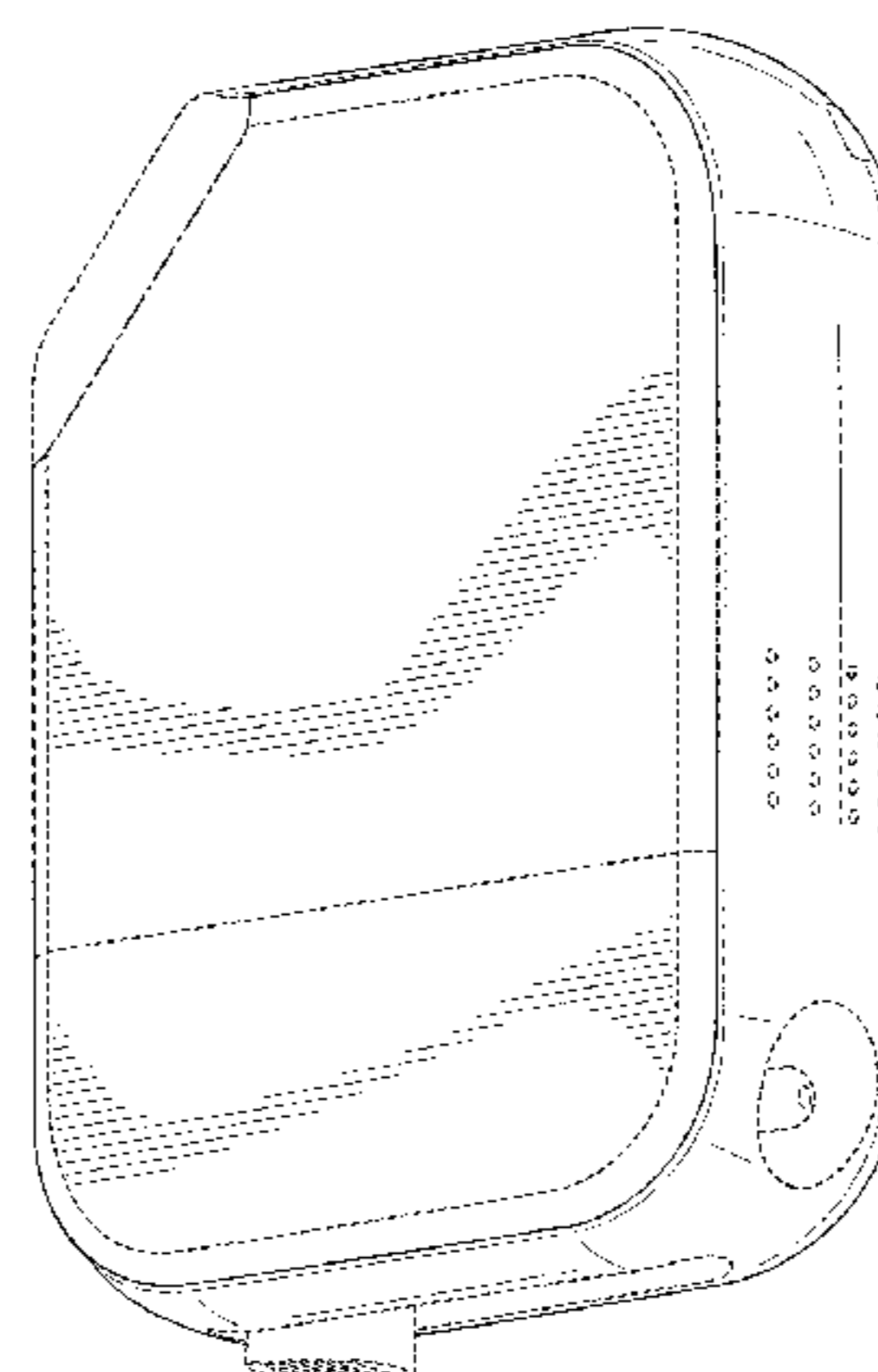
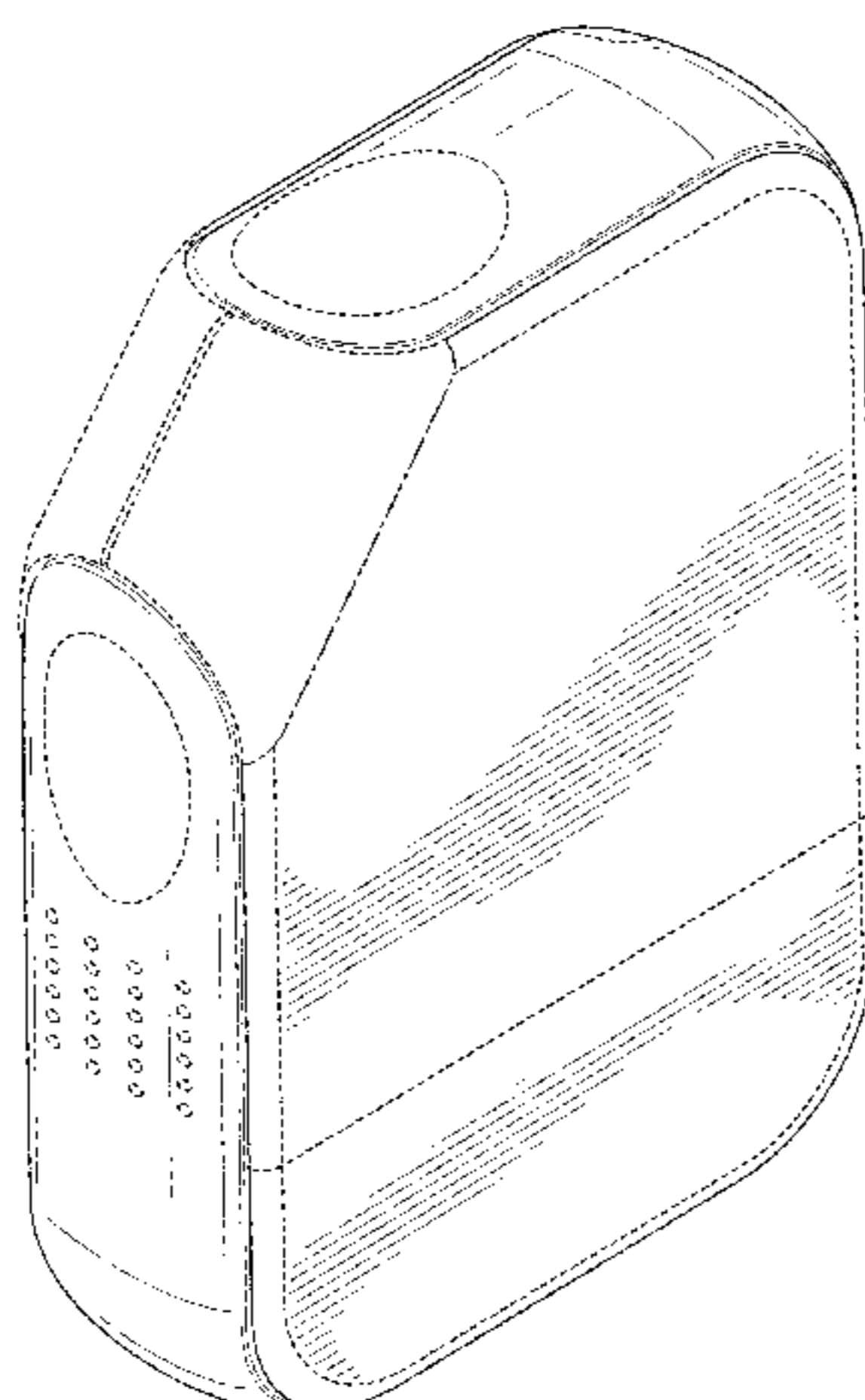
\* cited by examiner

*Primary Examiner* — Antoine D Davis

(74) *Attorney, Agent, or Firm* — Fox Rothschild LLP

(57) **CLAIM**

The ornamental design for an alcohol detection device, as shown and described.



**DESCRIPTION**

FIG. 1 is a top left perspective view of an alcohol detection device according to a first exemplary embodiment of the present design;

FIG. 2 is a bottom right perspective view of the alcohol detection device shown in FIG. 1;

FIG. 3 is a front elevation view of the alcohol detection device shown in FIG. 1;

FIG. 4 is a rear elevation view of the alcohol detection device shown in FIG. 1;

FIG. 5 is a left side elevation view of the alcohol detection device shown in FIG. 1;

FIG. 6 is a right side elevation view of the alcohol detection device shown in FIG. 1;

FIG. 7 is a top plan view of the alcohol detection device shown in FIG. 1;

FIG. 8 is a bottom plan view of the alcohol detection device shown in FIG. 1;

FIG. 9 is a top left perspective view of an alcohol detection device according to a second exemplary embodiment of the present design;

FIG. 10 is a bottom right perspective view of the alcohol detection device shown in FIG. 9;

FIG. 11 is a front elevation view of the alcohol detection device shown in FIG. 9;

FIG. 12 is a rear elevation view of the alcohol detection device shown in FIG. 9;

FIG. 13 is a left side elevation view of the alcohol detection device shown in FIG. 9;

FIG. 14 is a right side elevation view of the alcohol detection device shown in FIG. 9;

FIG. 15 is a top plan view of the alcohol detection device shown in FIG. 9;

FIG. 16 is a bottom plan view of the alcohol detection device shown in FIG. 9;

FIG. 17 is a top left perspective view of an alcohol detection device according to a third exemplary embodiment of the present design;

FIG. 18 is a bottom right perspective view of the alcohol detection Device shown in FIG. 17;

FIG. 19 is a front elevation view of the alcohol detection device shown in FIG. 17;

FIG. 20 is a rear elevation view of the alcohol detection device shown in FIG. 17;

FIG. 21 is a left side elevation view of the alcohol detection device shown in FIG. 17;

FIG. 22 is a right side elevation view of the alcohol detection device shown in FIG. 17;

FIG. 23 is a top plan view of the alcohol detection device shown in FIG. 17;

FIG. 24 is a bottom plan view of the alcohol detection device shown in FIG. 17;

FIG. 25 is a top left perspective view of an alcohol detection device according to a fourth exemplary embodiment of the present design;

FIG. 26 is a bottom right perspective view of the alcohol detection device shown in FIG. 25;

FIG. 27 is a front elevation view of the alcohol detection device shown in FIG. 25;

FIG. 28 is a rear elevation view of the alcohol detection device shown in FIG. 25;

FIG. 29 is a left side elevation view of the alcohol detection device shown in FIG. 25;

FIG. 30 is a right side elevation view of the alcohol detection device shown in FIG. 25;

FIG. 31 is a top plan view of the alcohol detection device shown in FIG. 25; and,

FIG. 32 is a bottom plan view of the alcohol detection device shown in FIG. 25.

The broken lines shown herein are included for purpose of illustrating portions of the alcohol detection device that form no part of the claimed design.

**1 Claim, 24 Drawing Sheets**

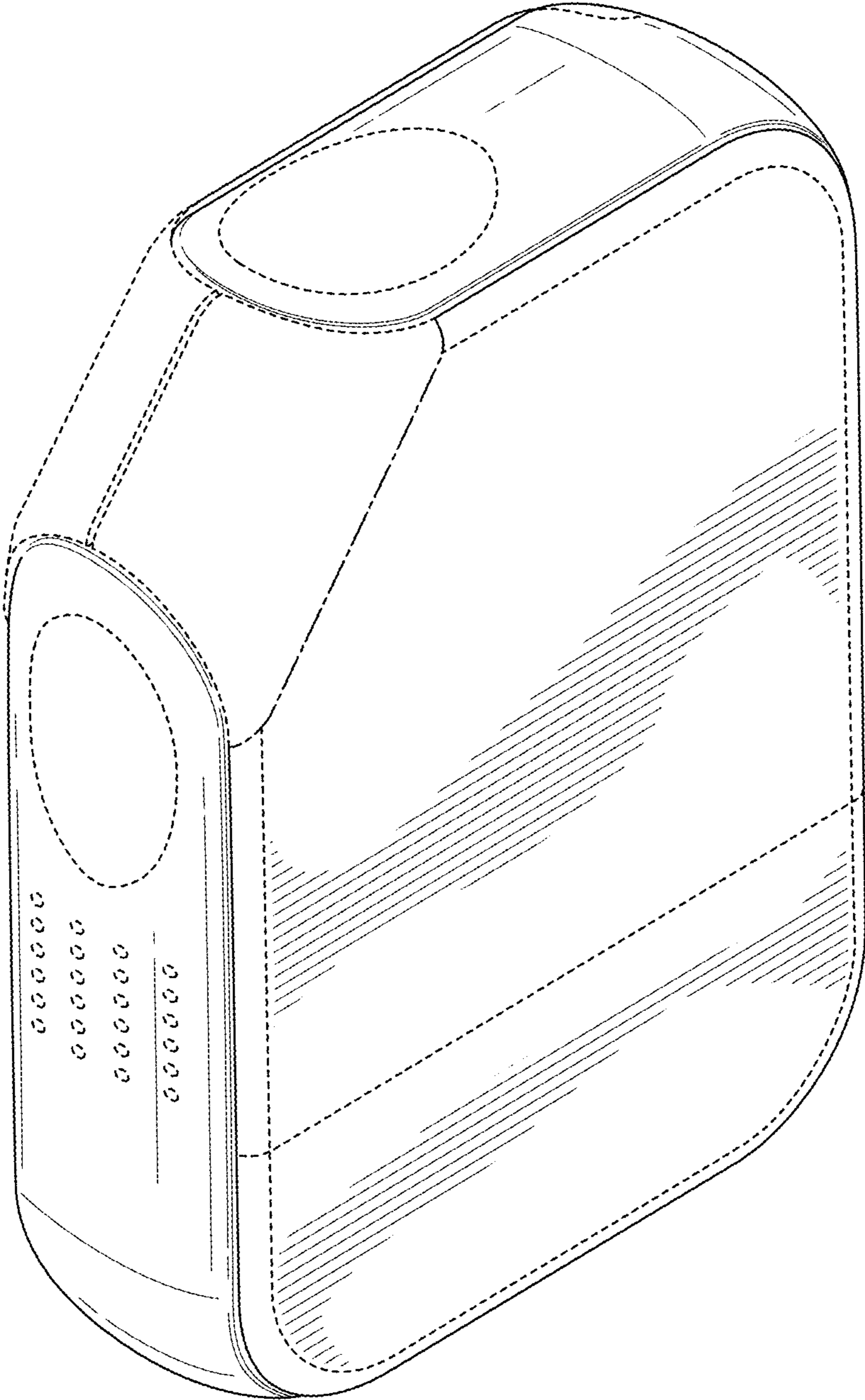


FIG. 1

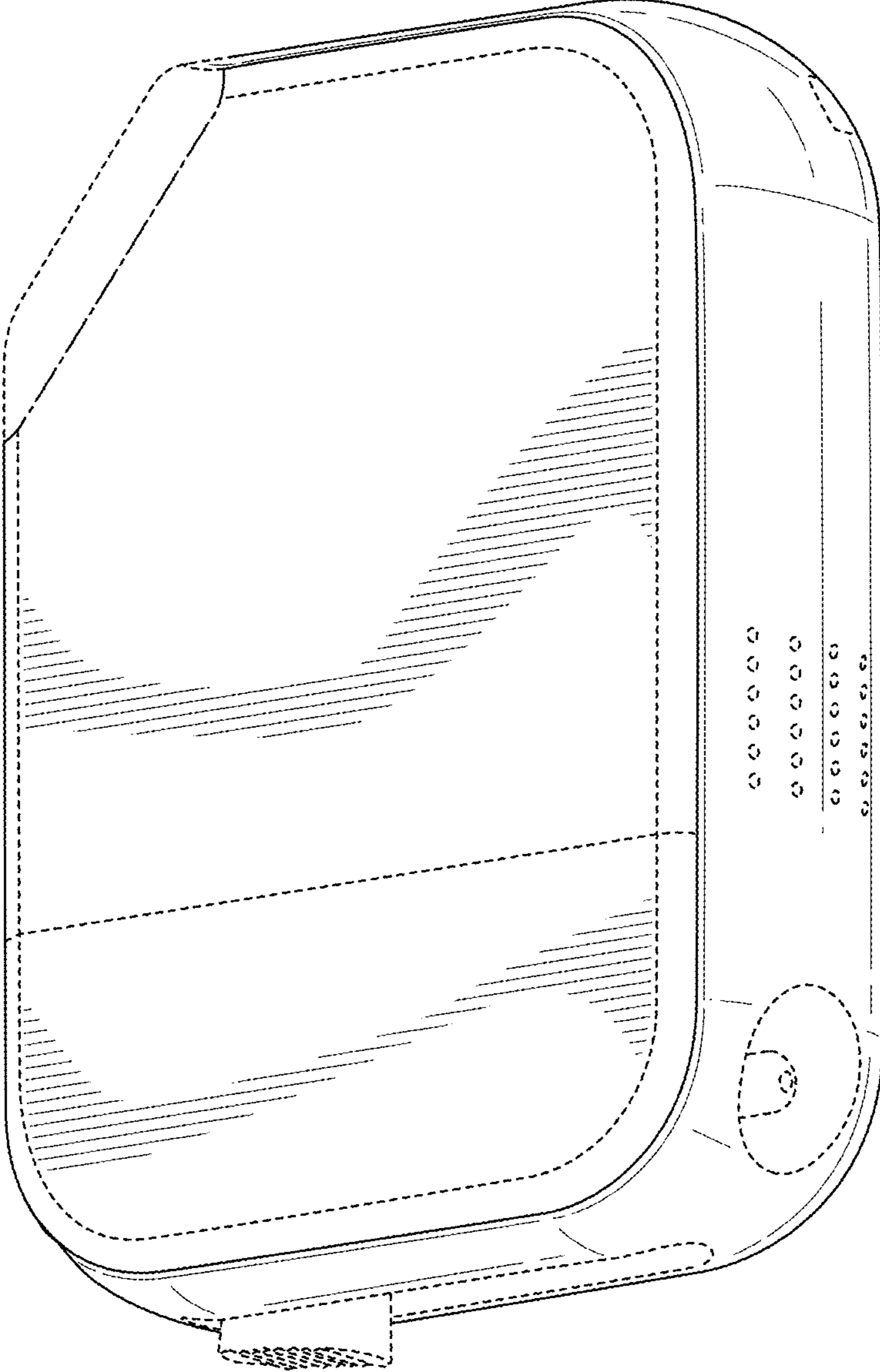


FIG. 2

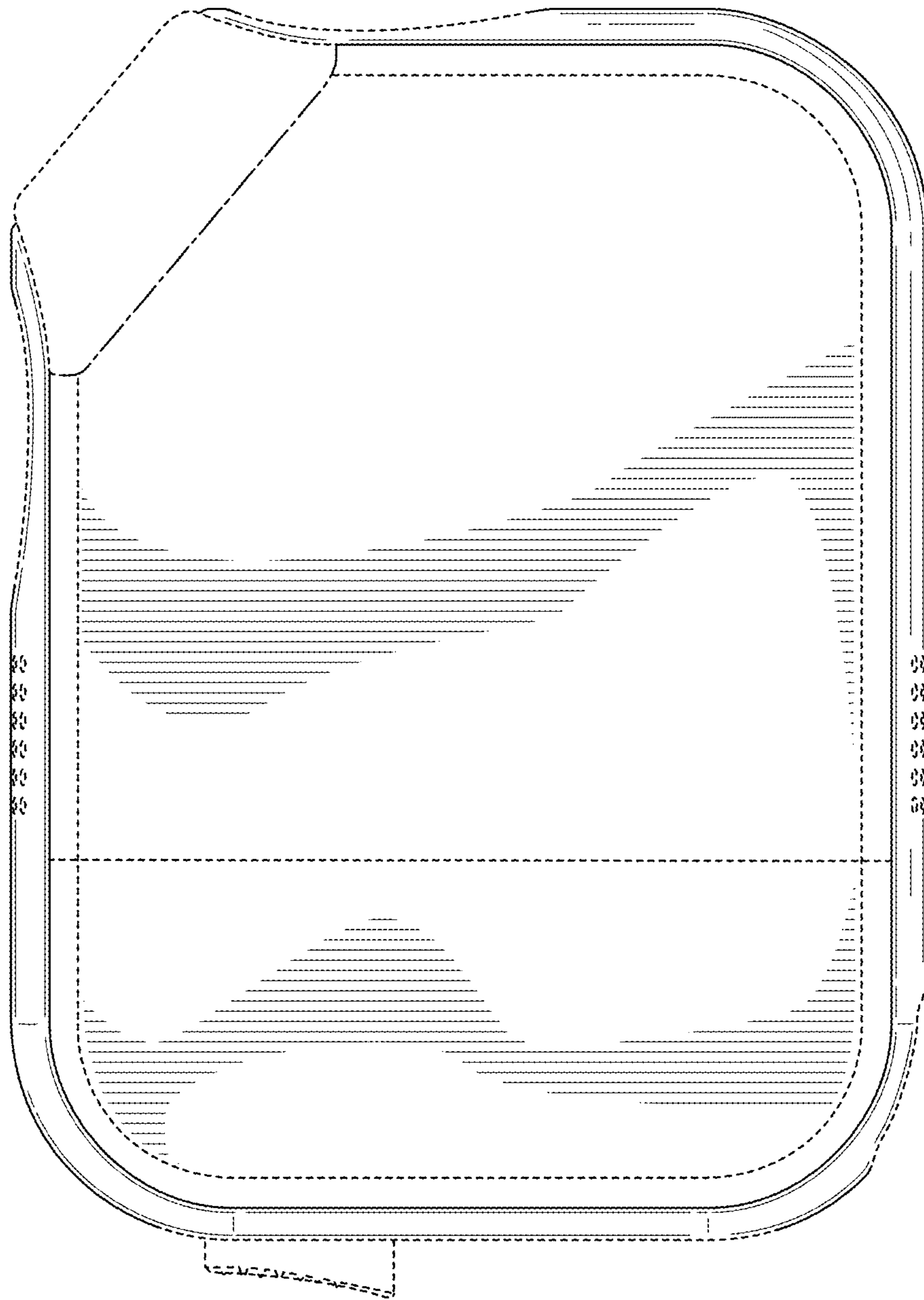


FIG. 3

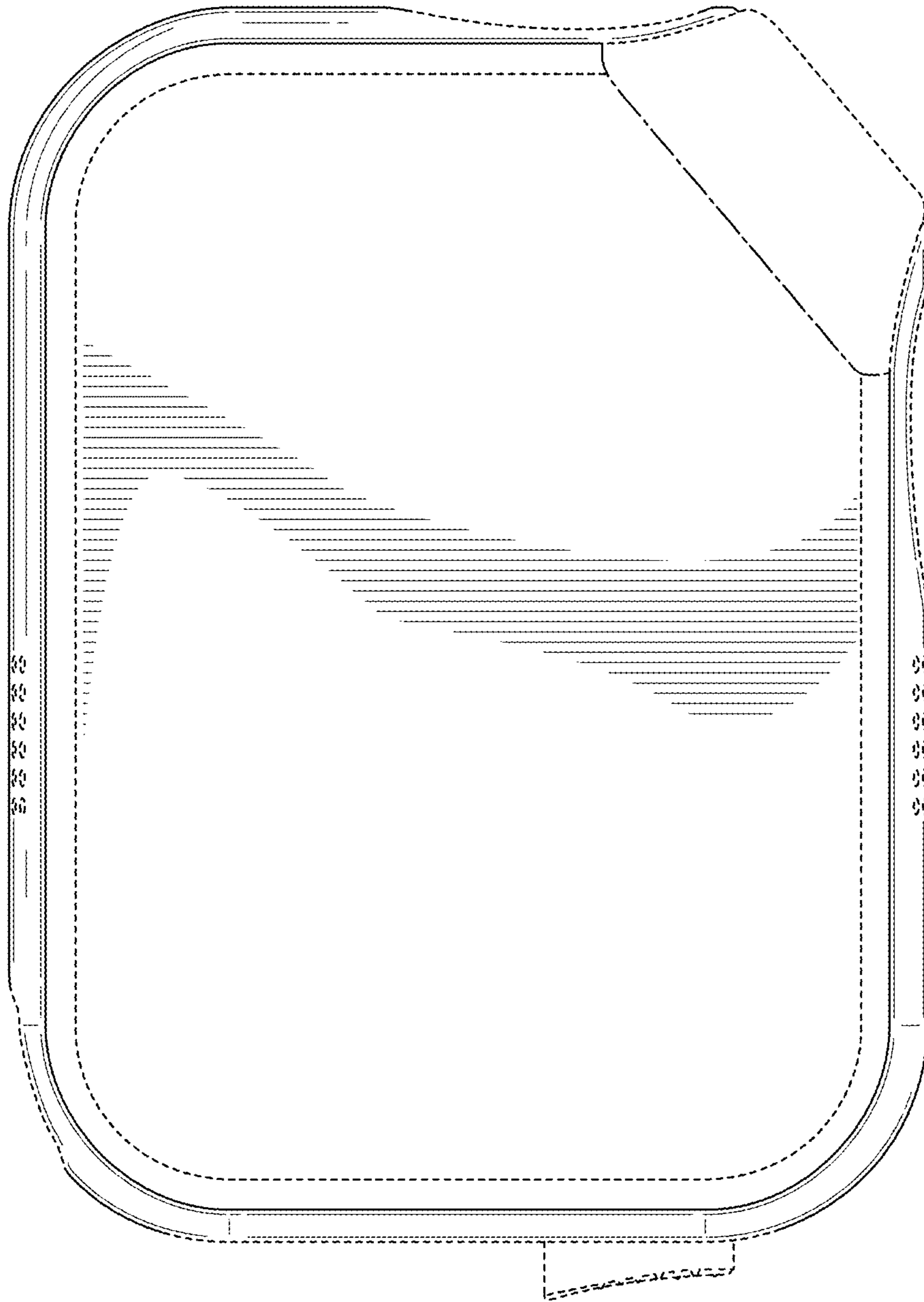


FIG. 4

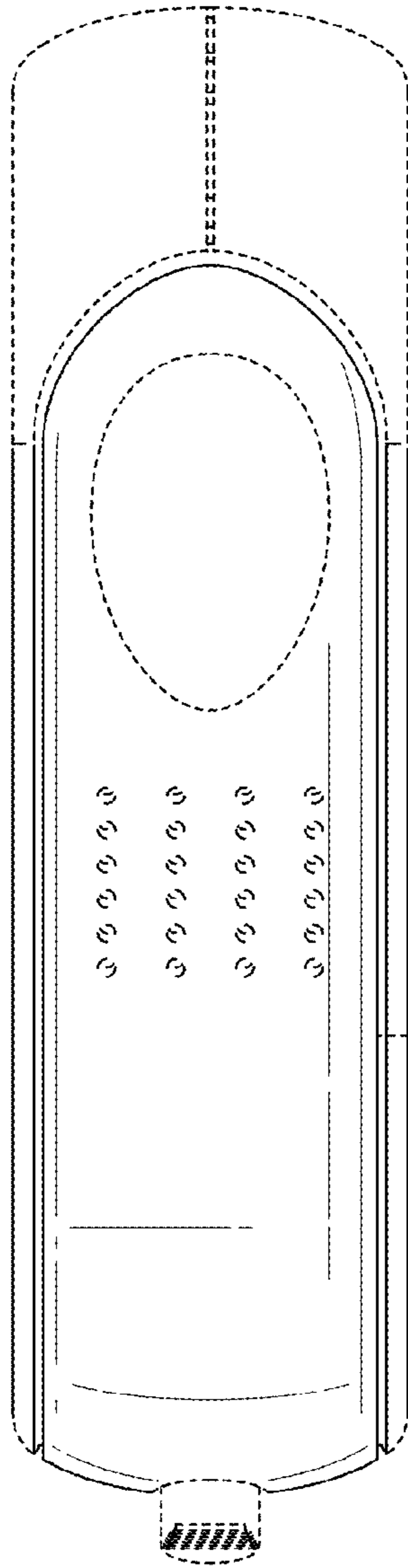


FIG. 5

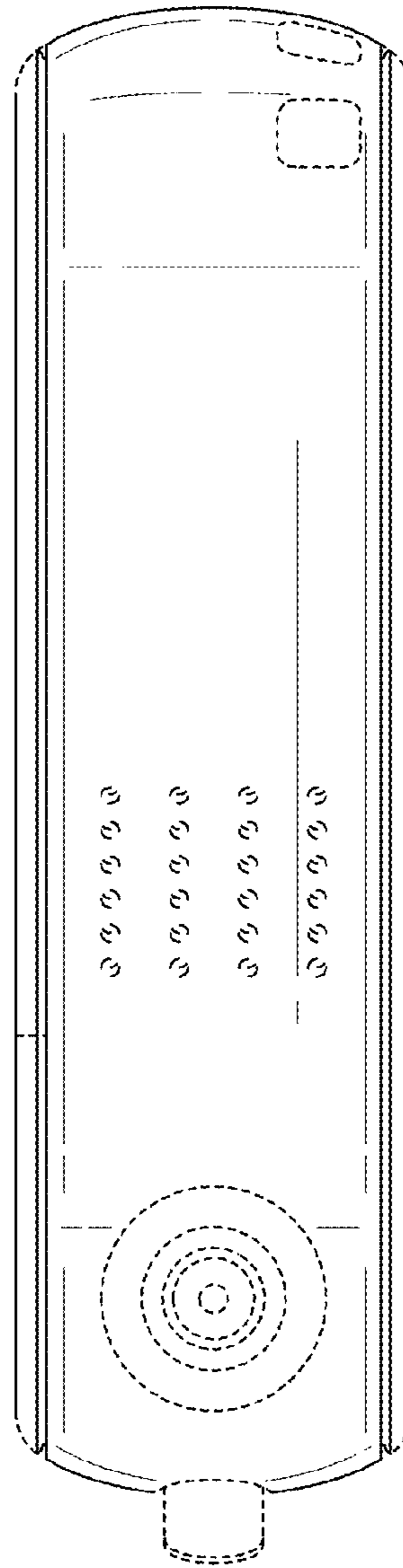
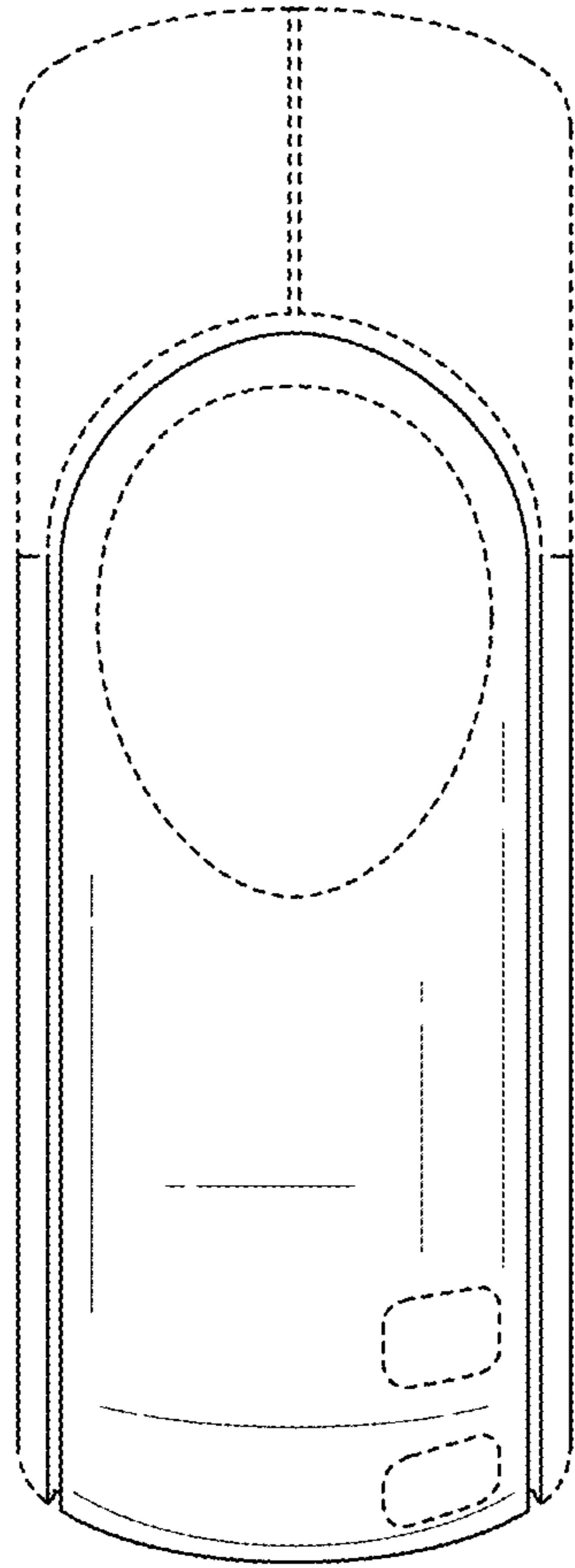
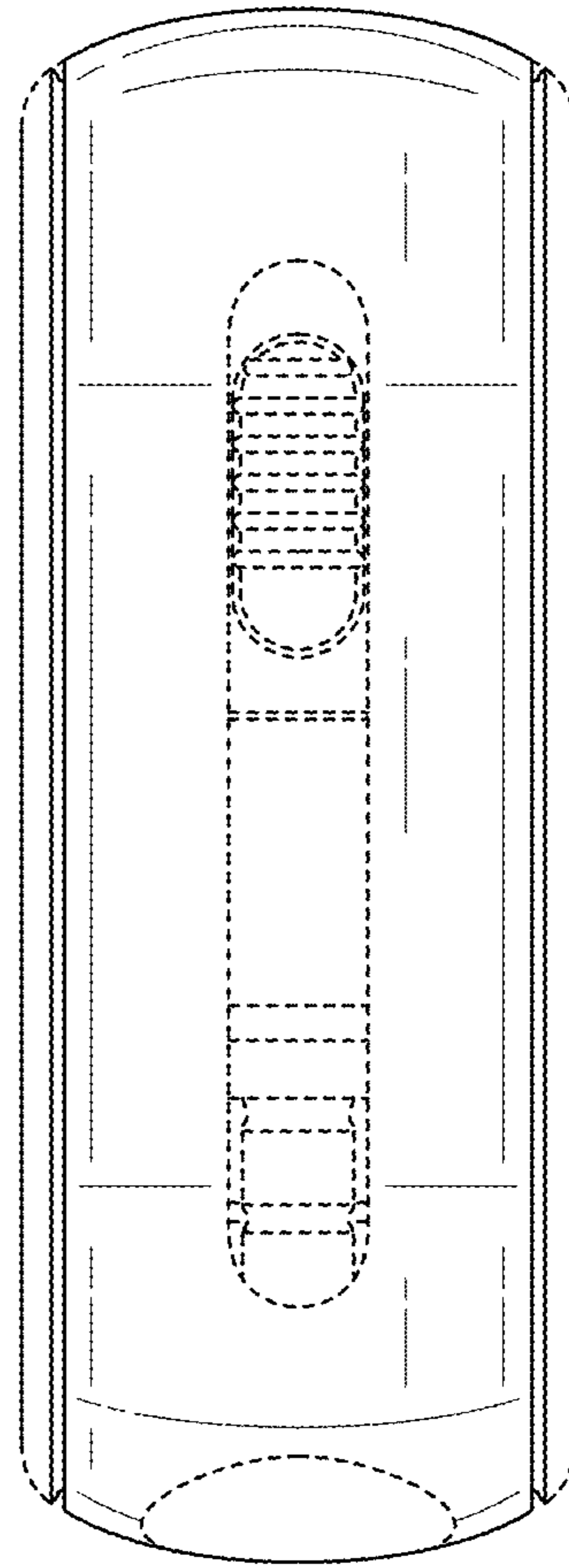


FIG. 6



**FIG. 7**



**FIG. 8**



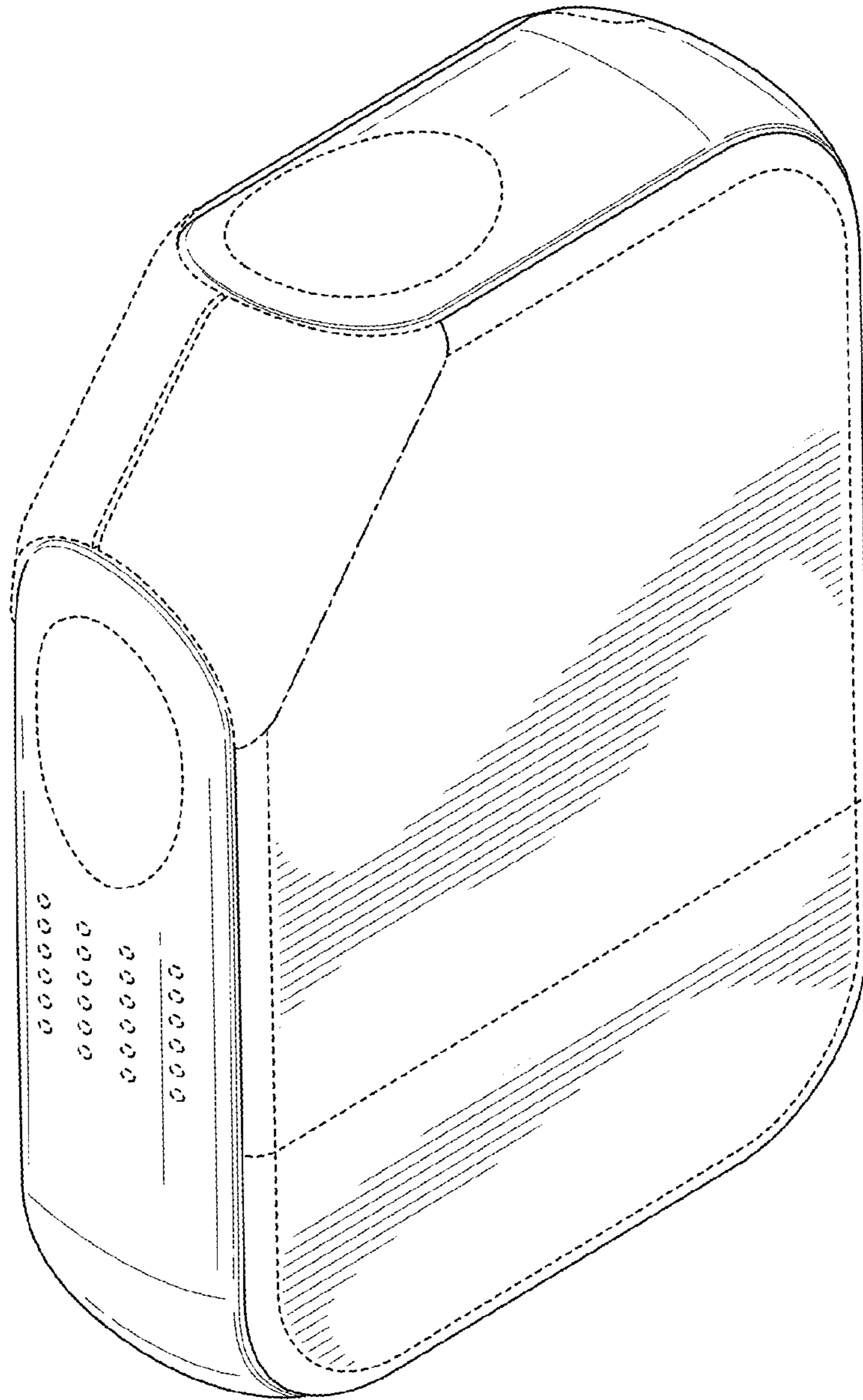
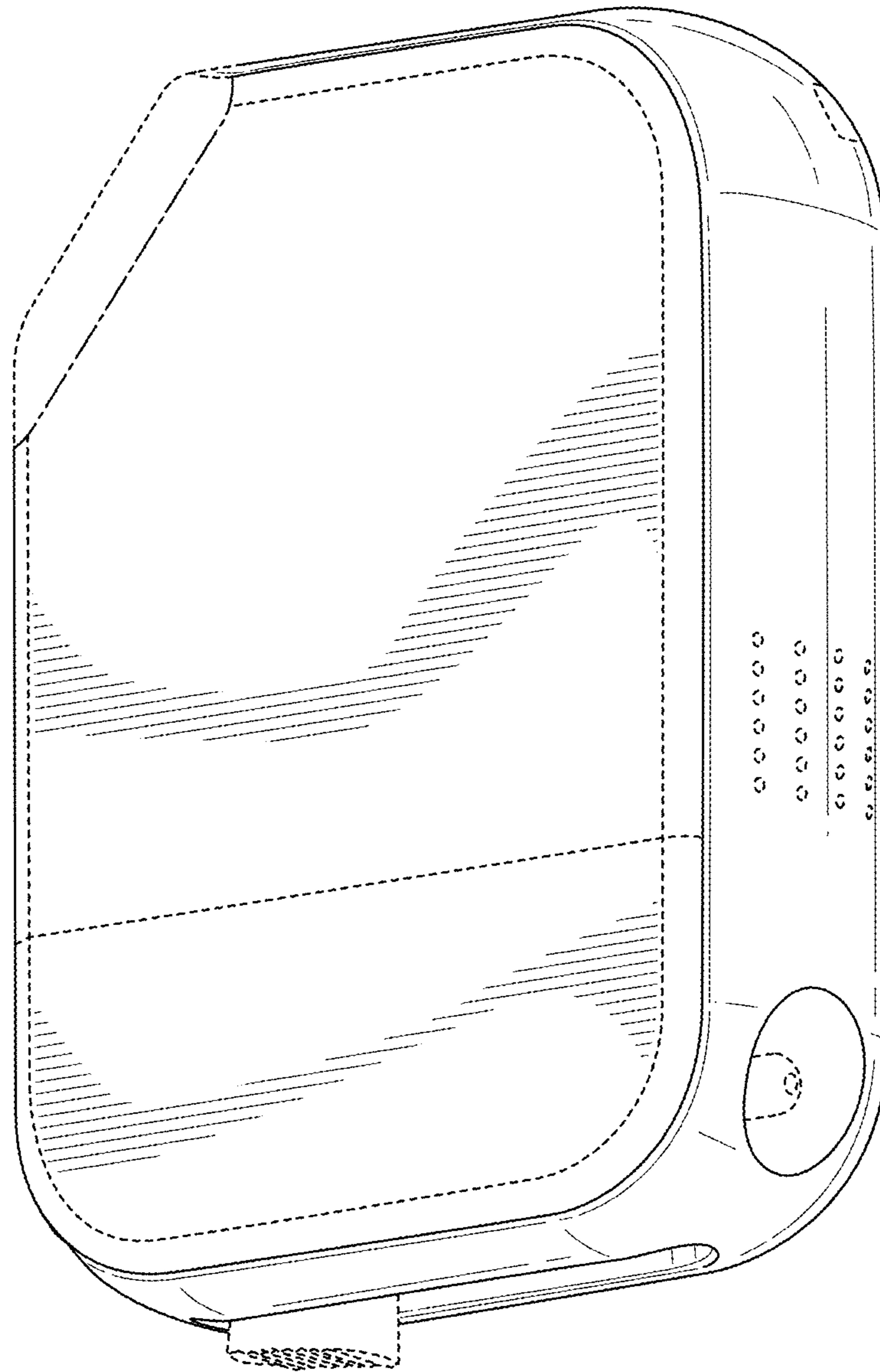


FIG. 9



**FIG. 10**

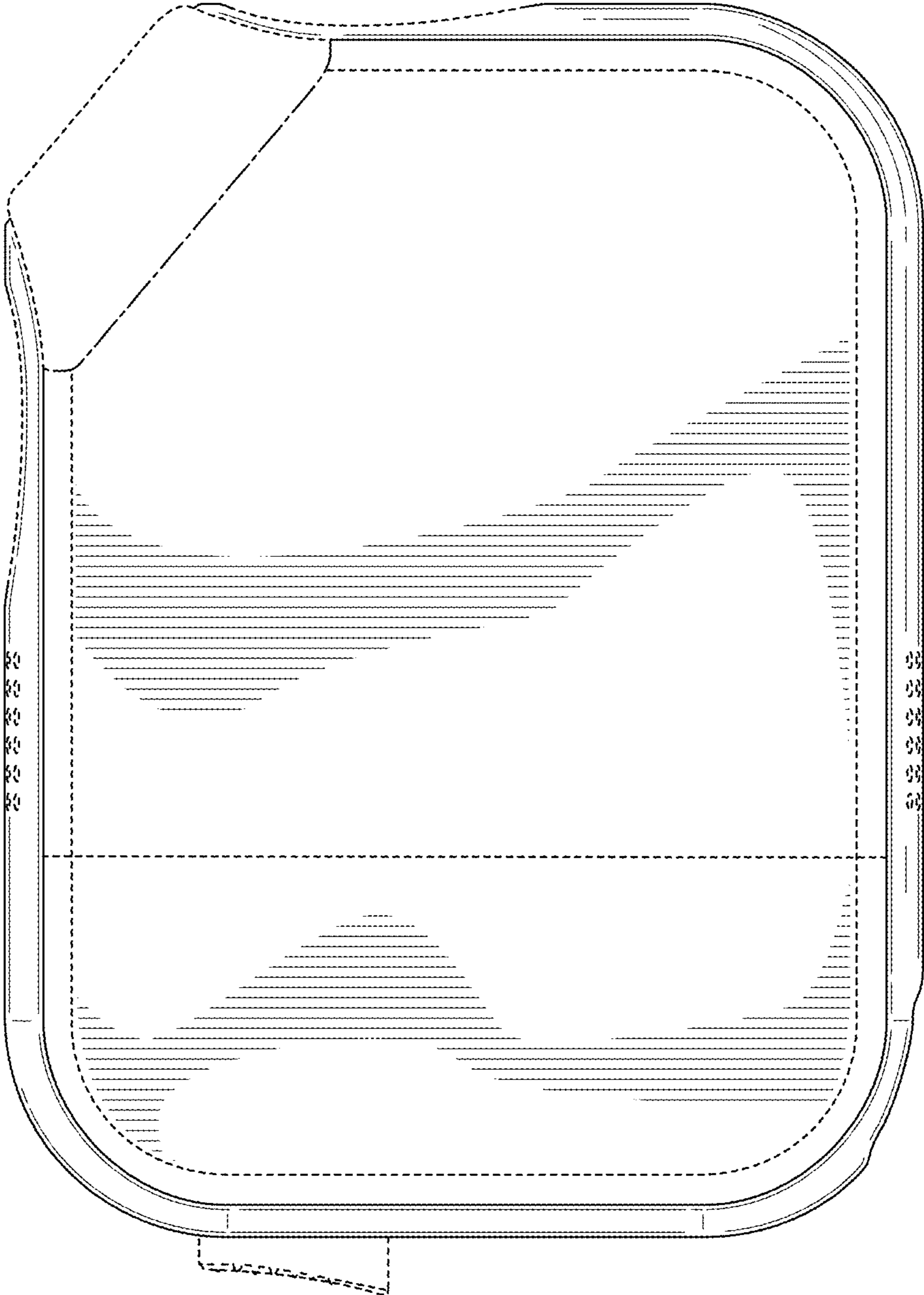


FIG. 11

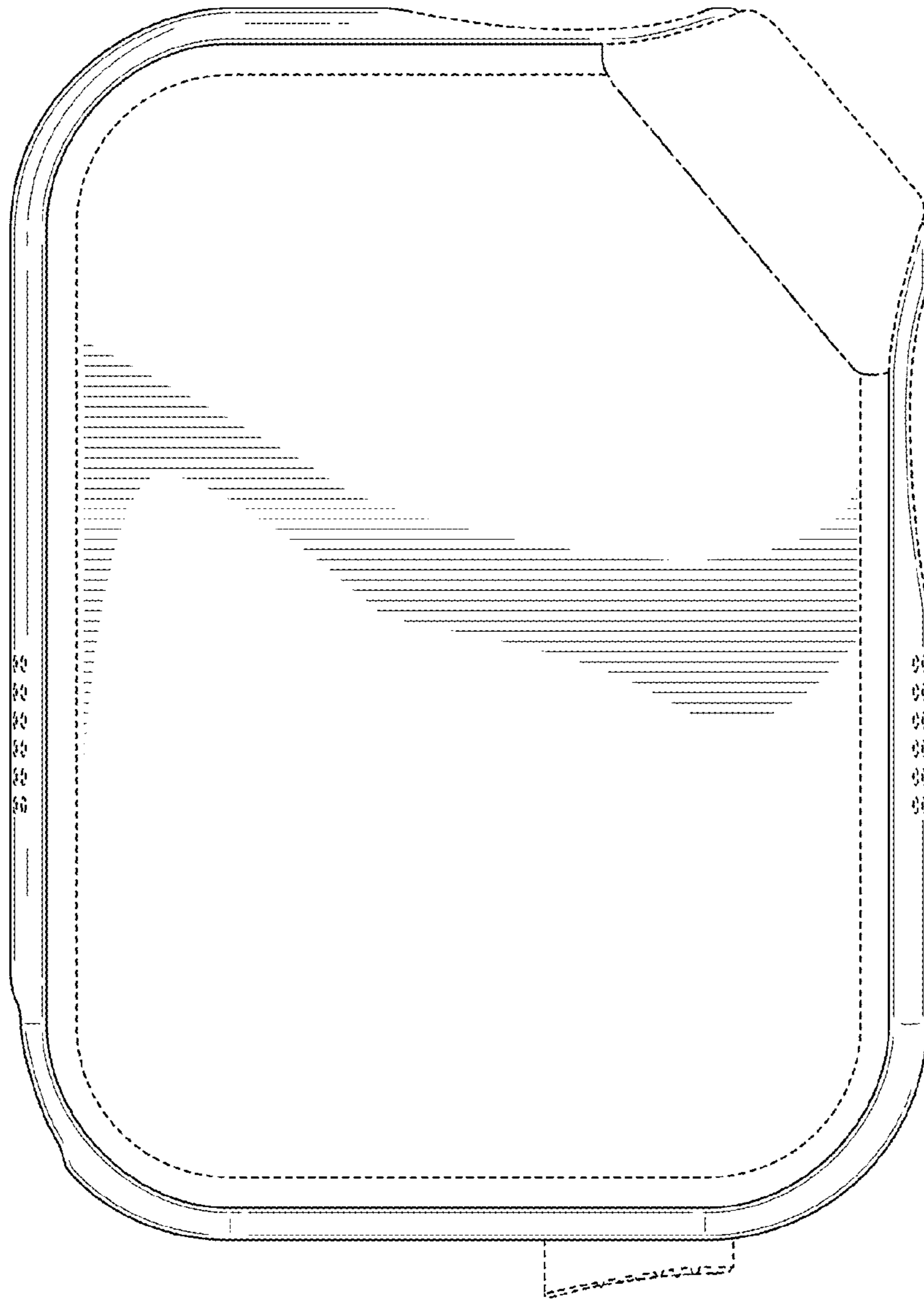


FIG. 12

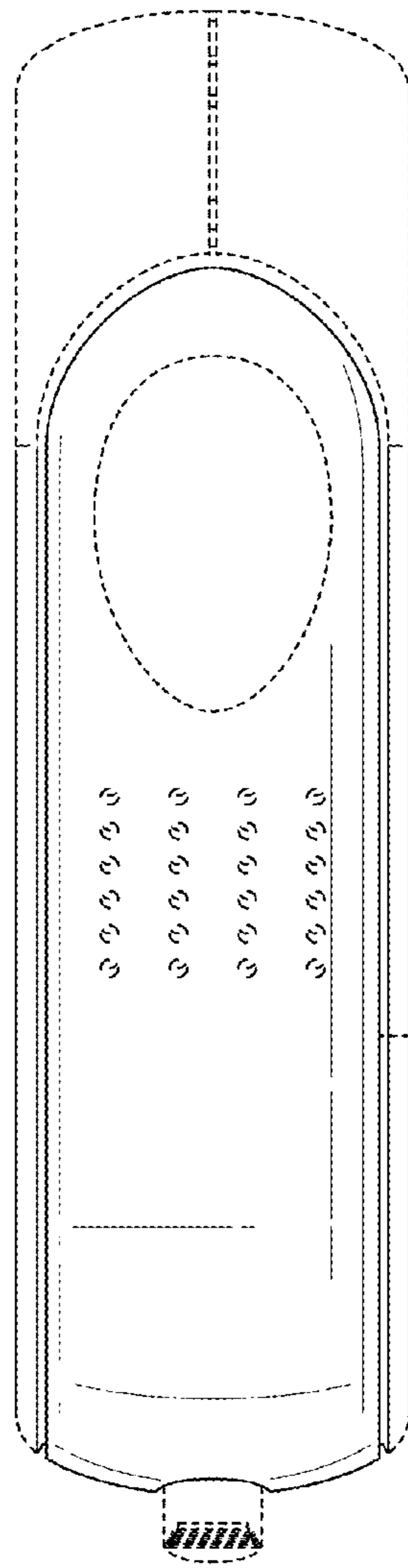


FIG. 13

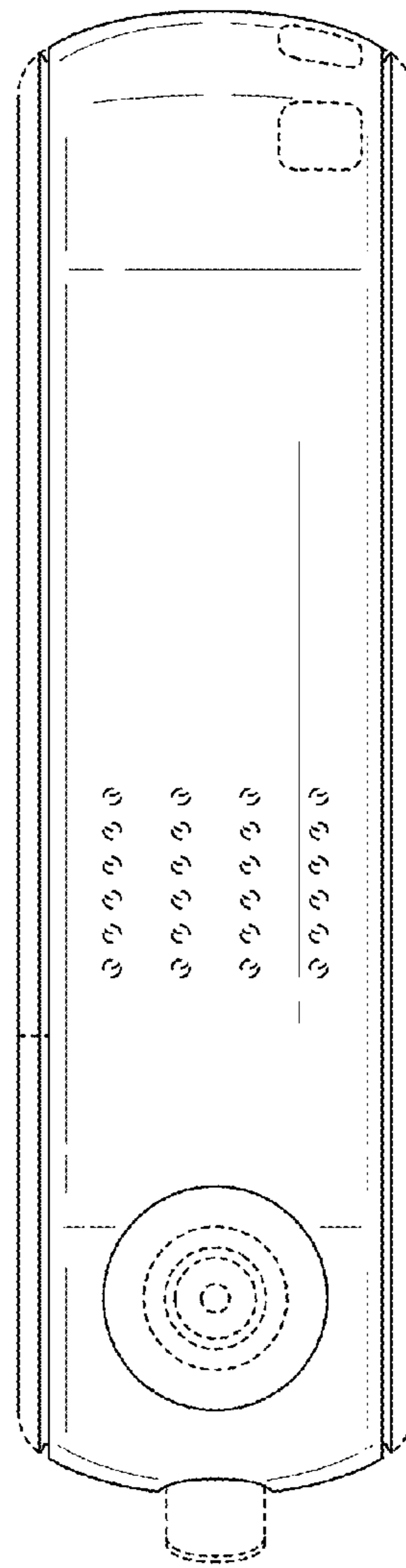
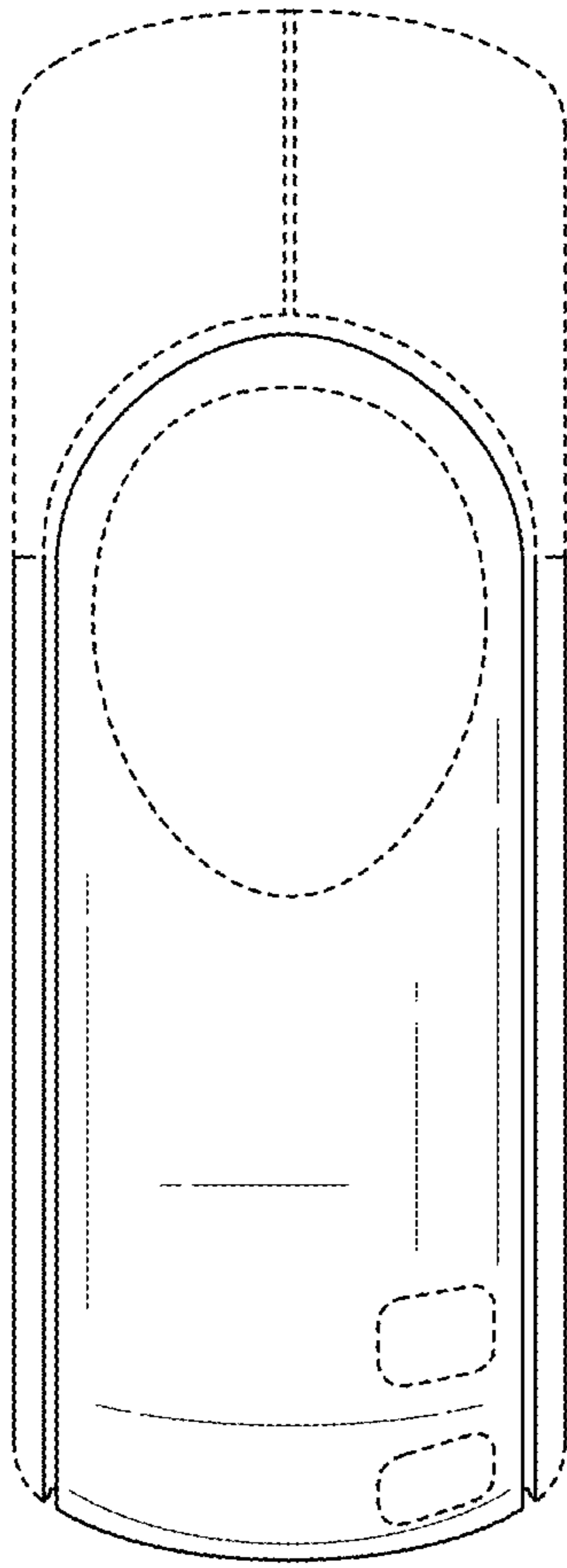
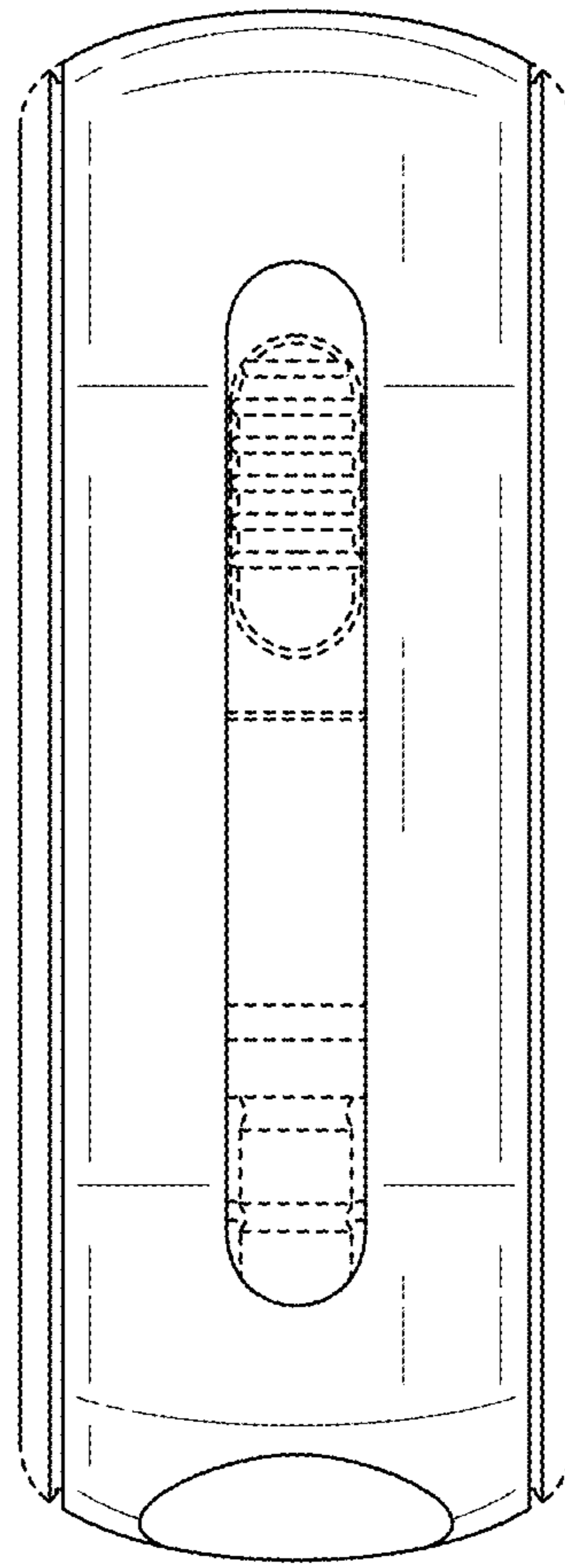


FIG. 14



**FIG. 15**



**FIG. 16**

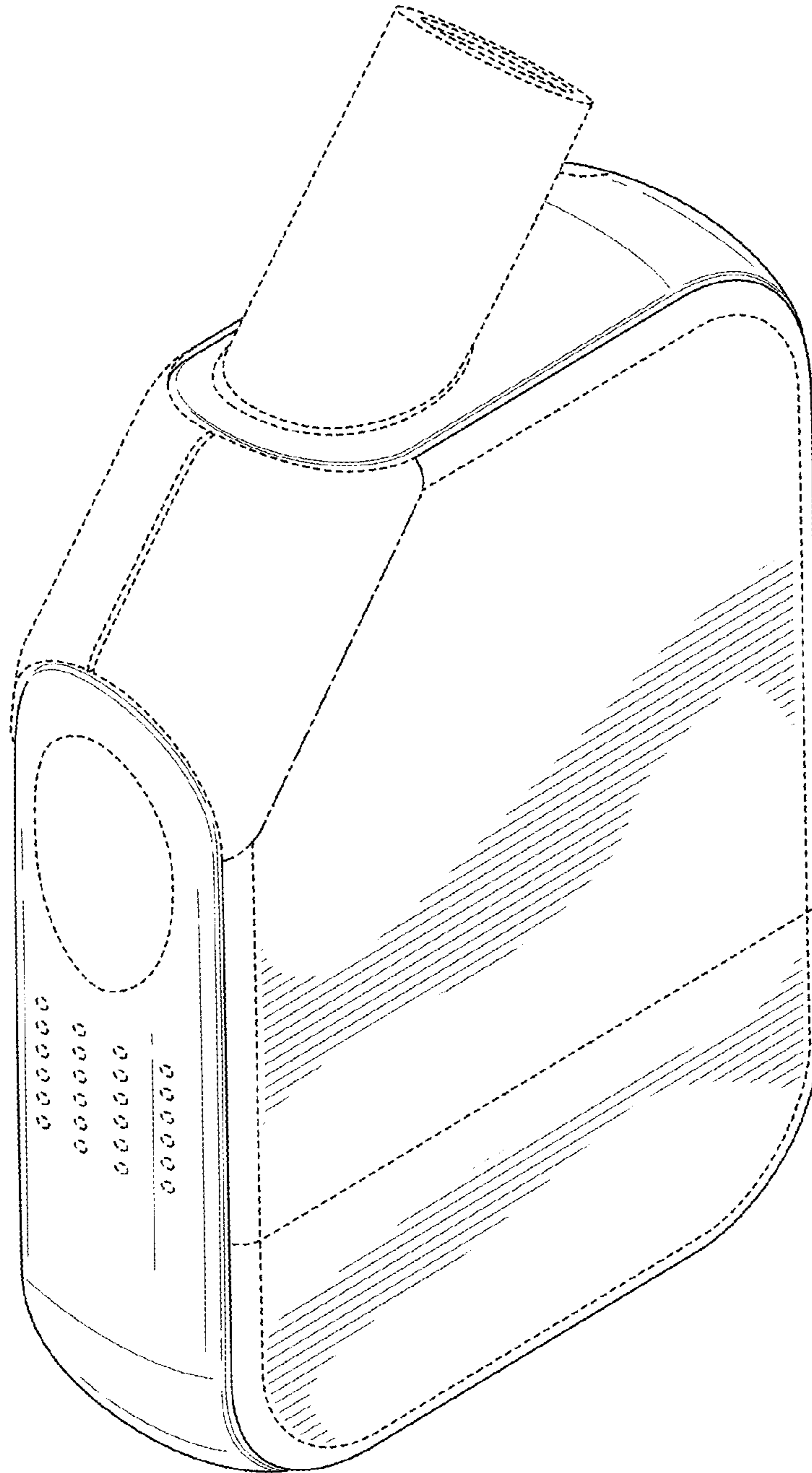


FIG. 17

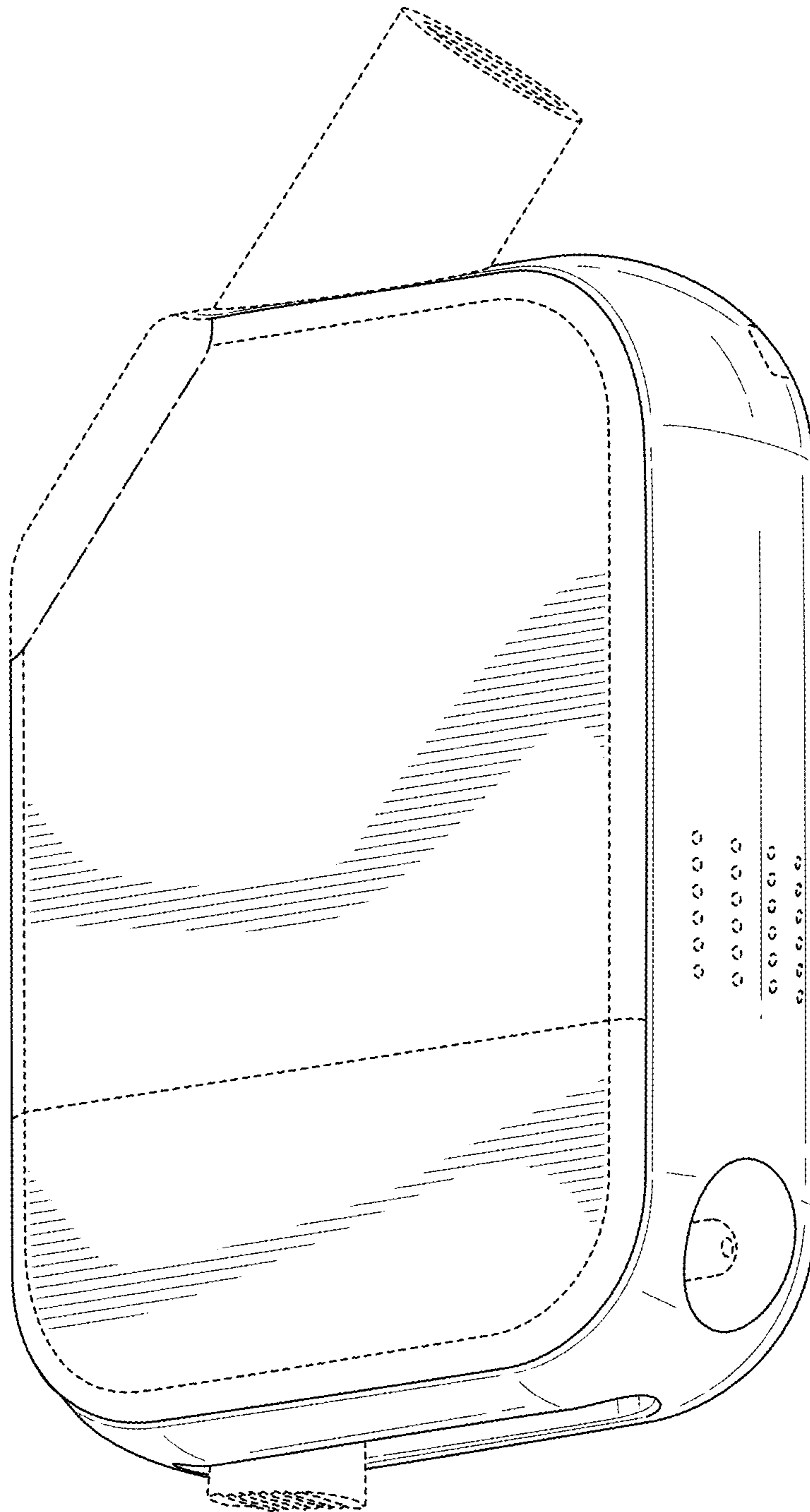


FIG. 18



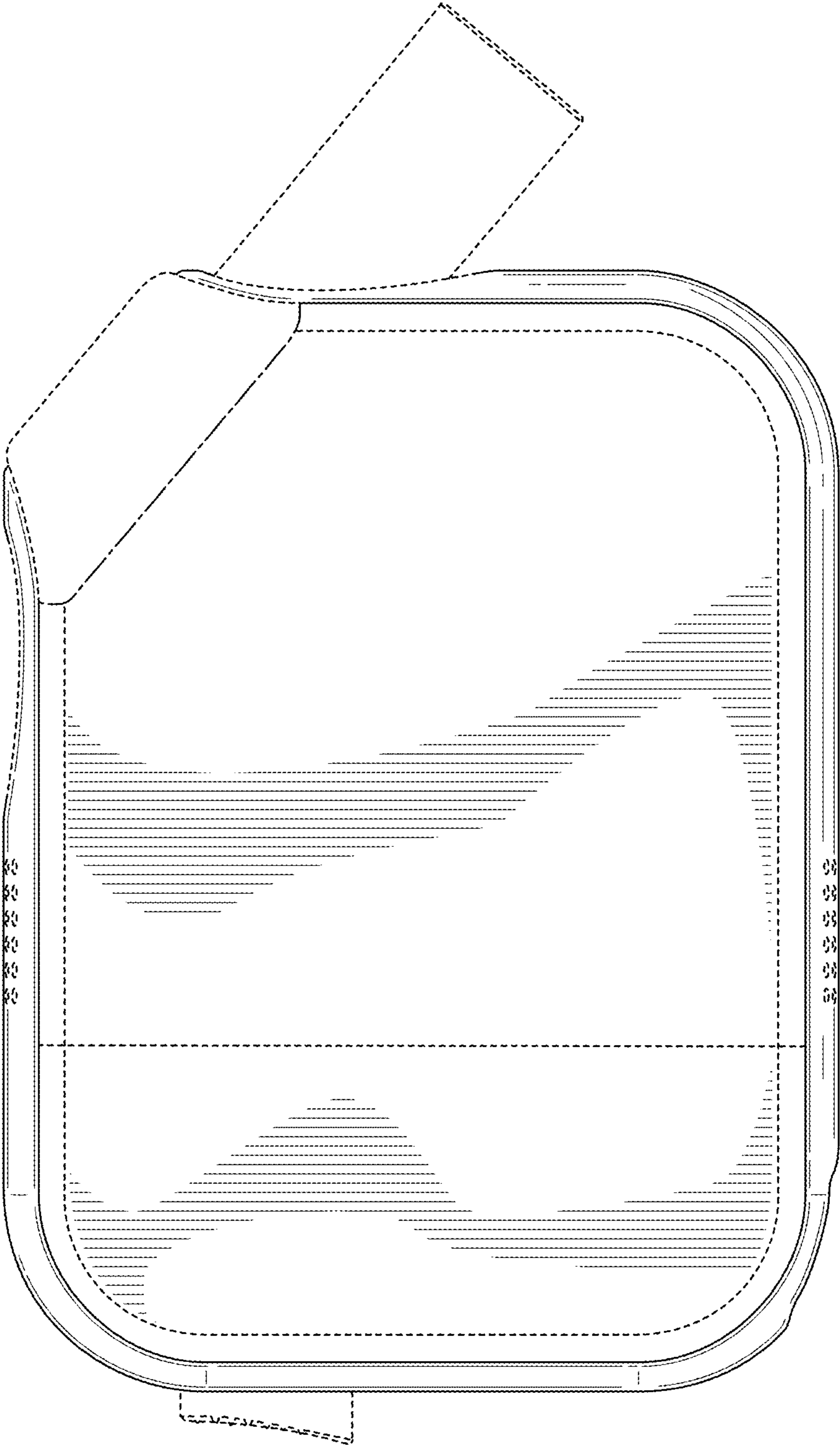


FIG. 19

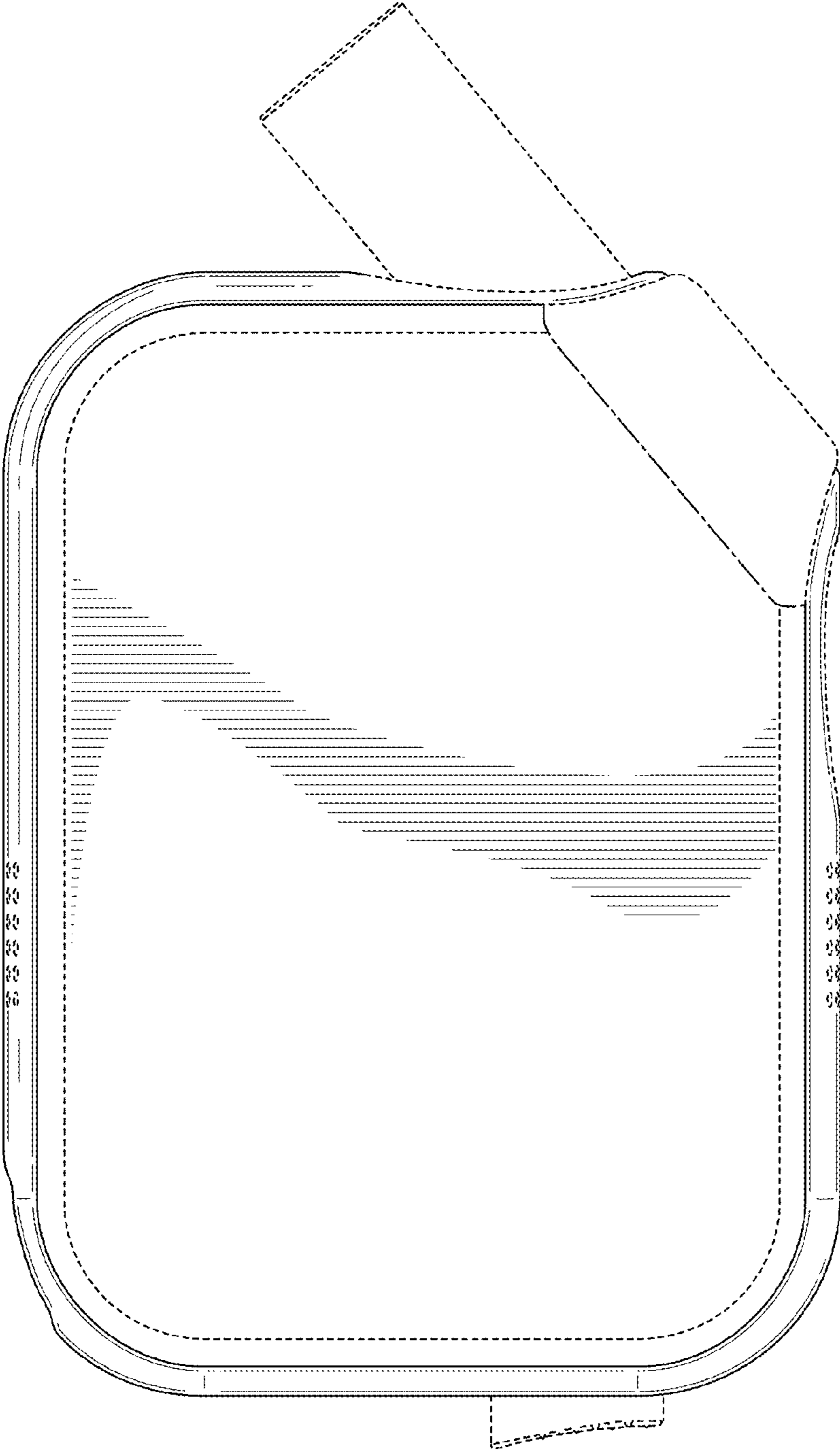


FIG. 20

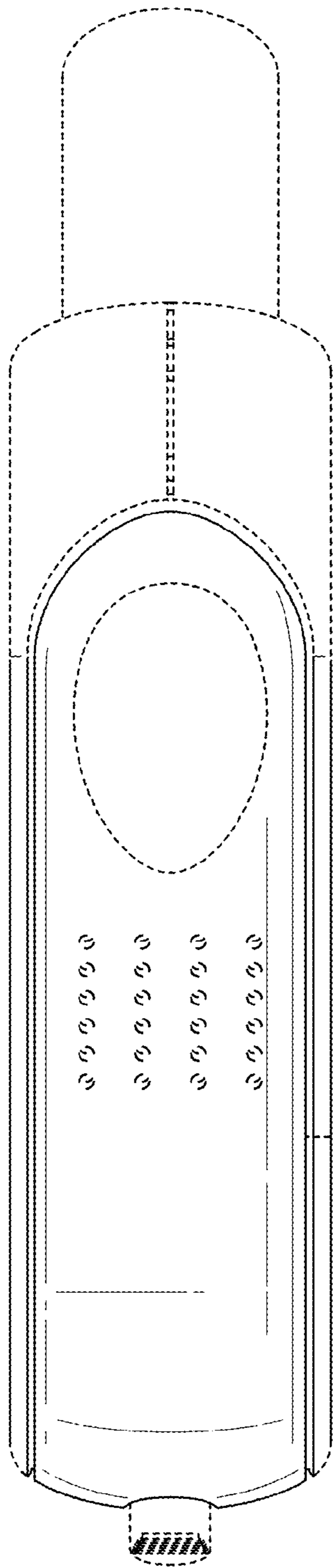


FIG. 21

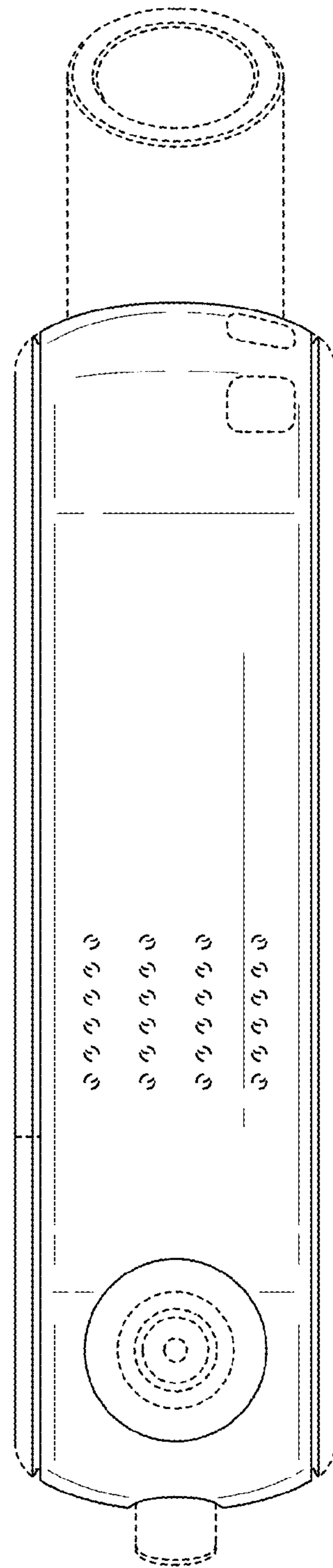
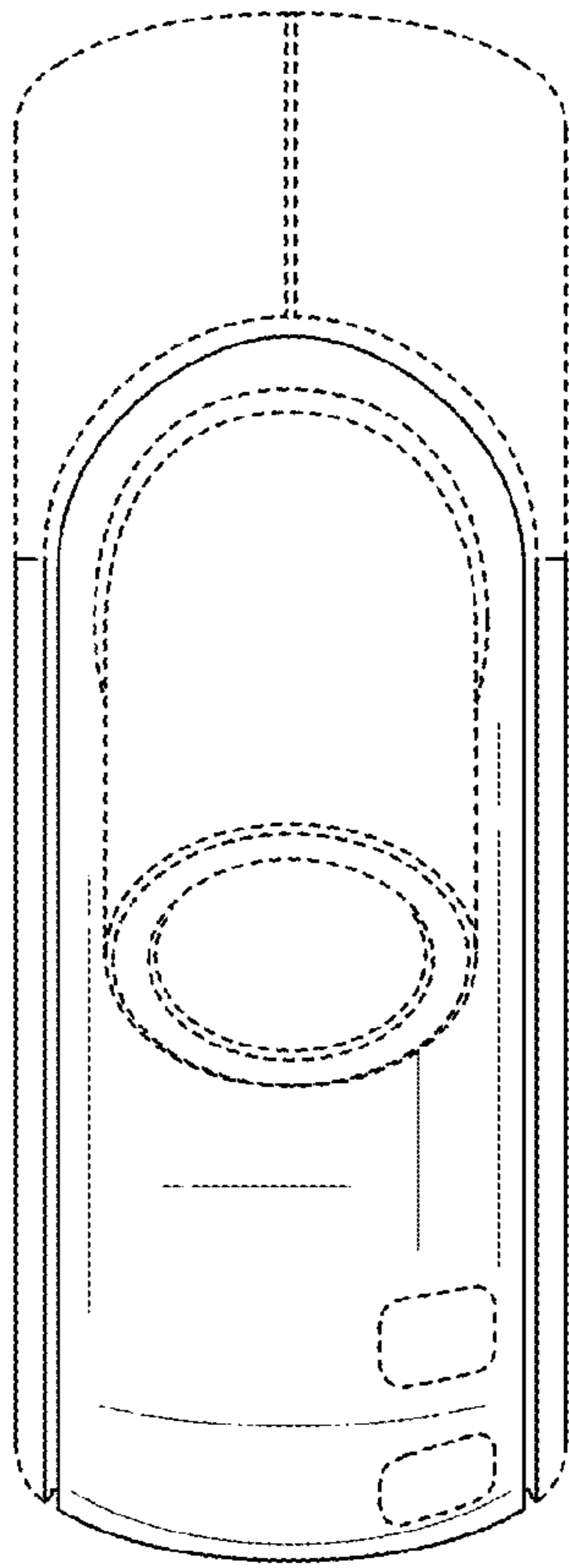
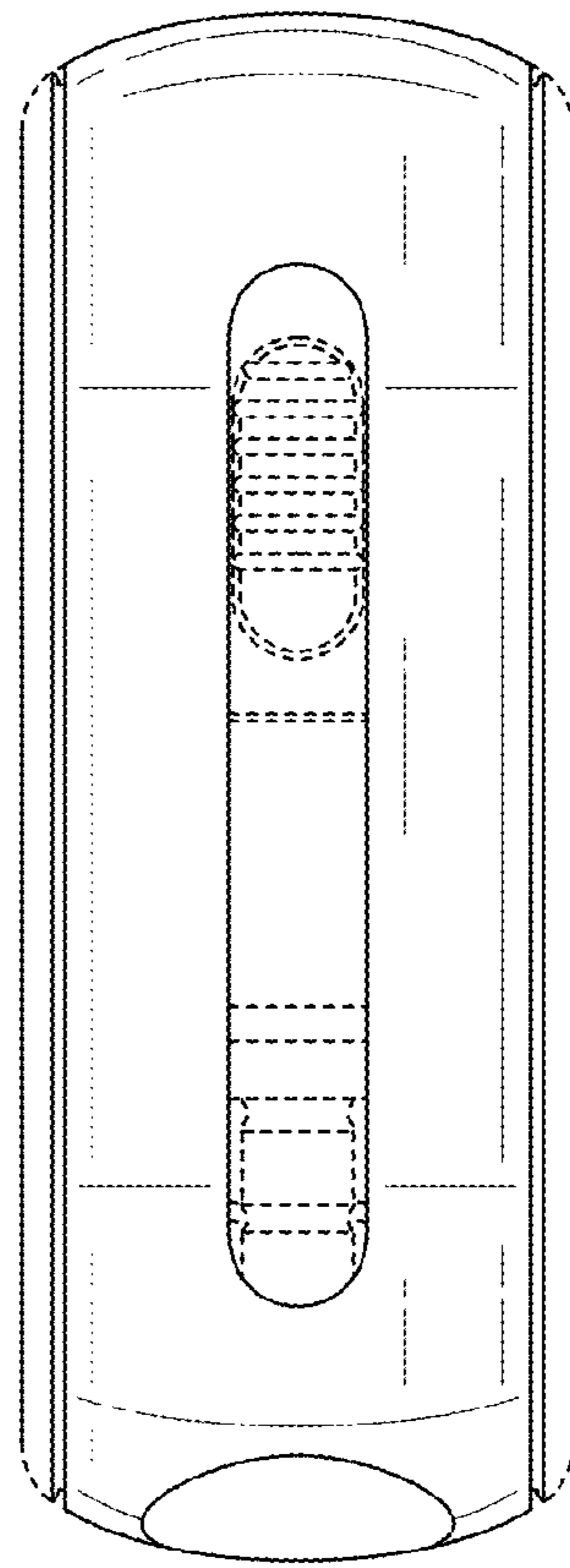


FIG. 22



**FIG. 23**



**FIG. 24**

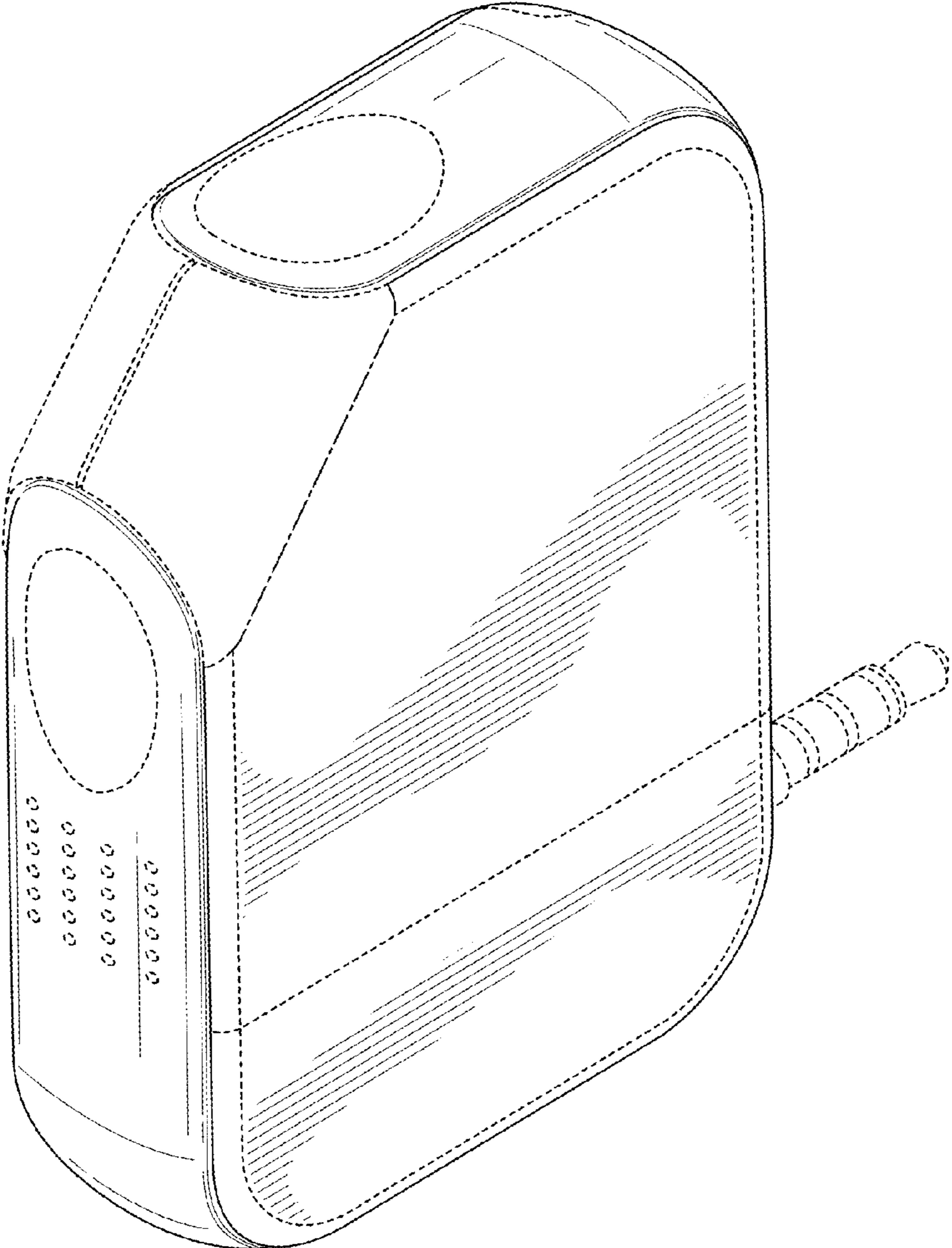


FIG. 25

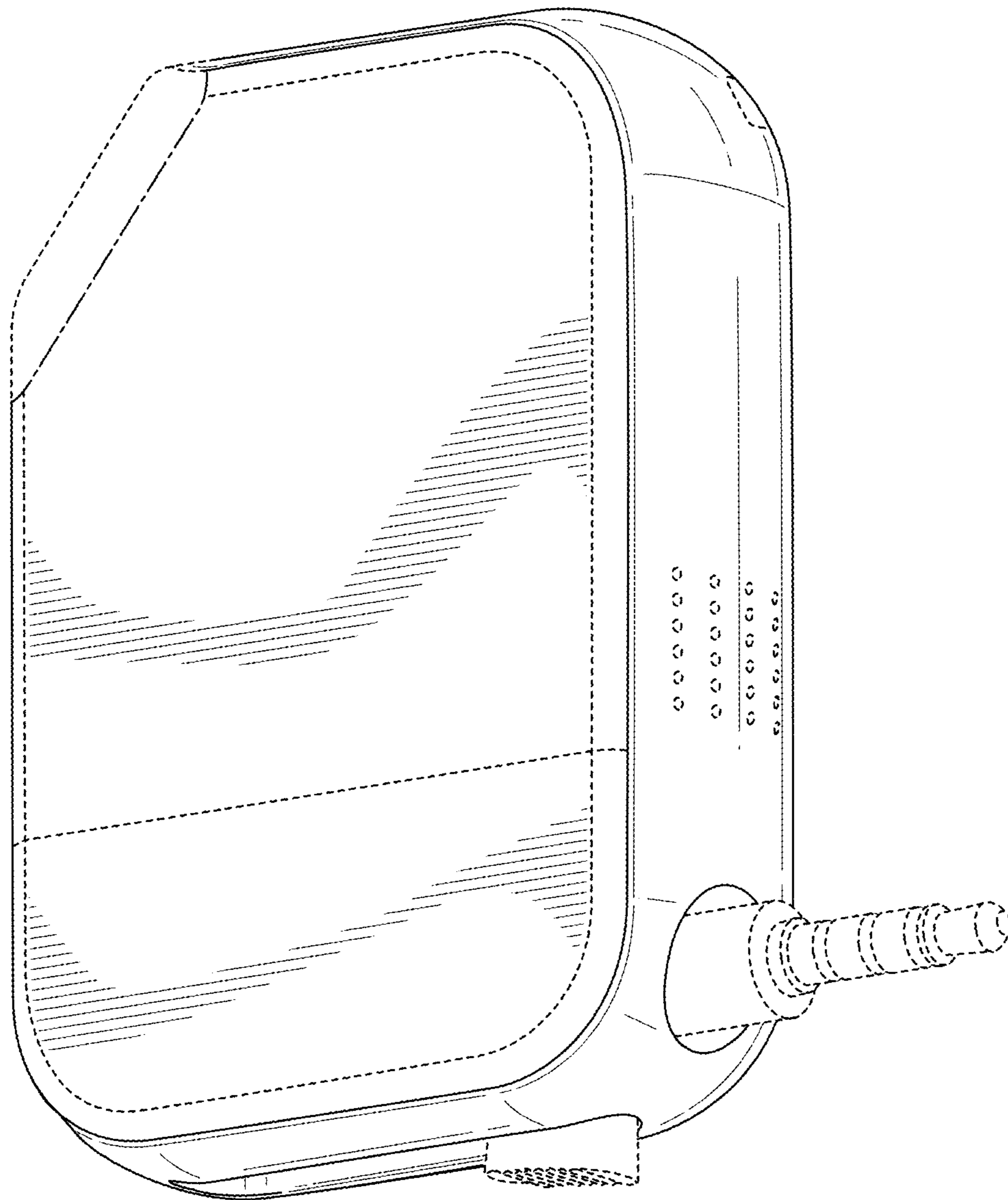


FIG. 26

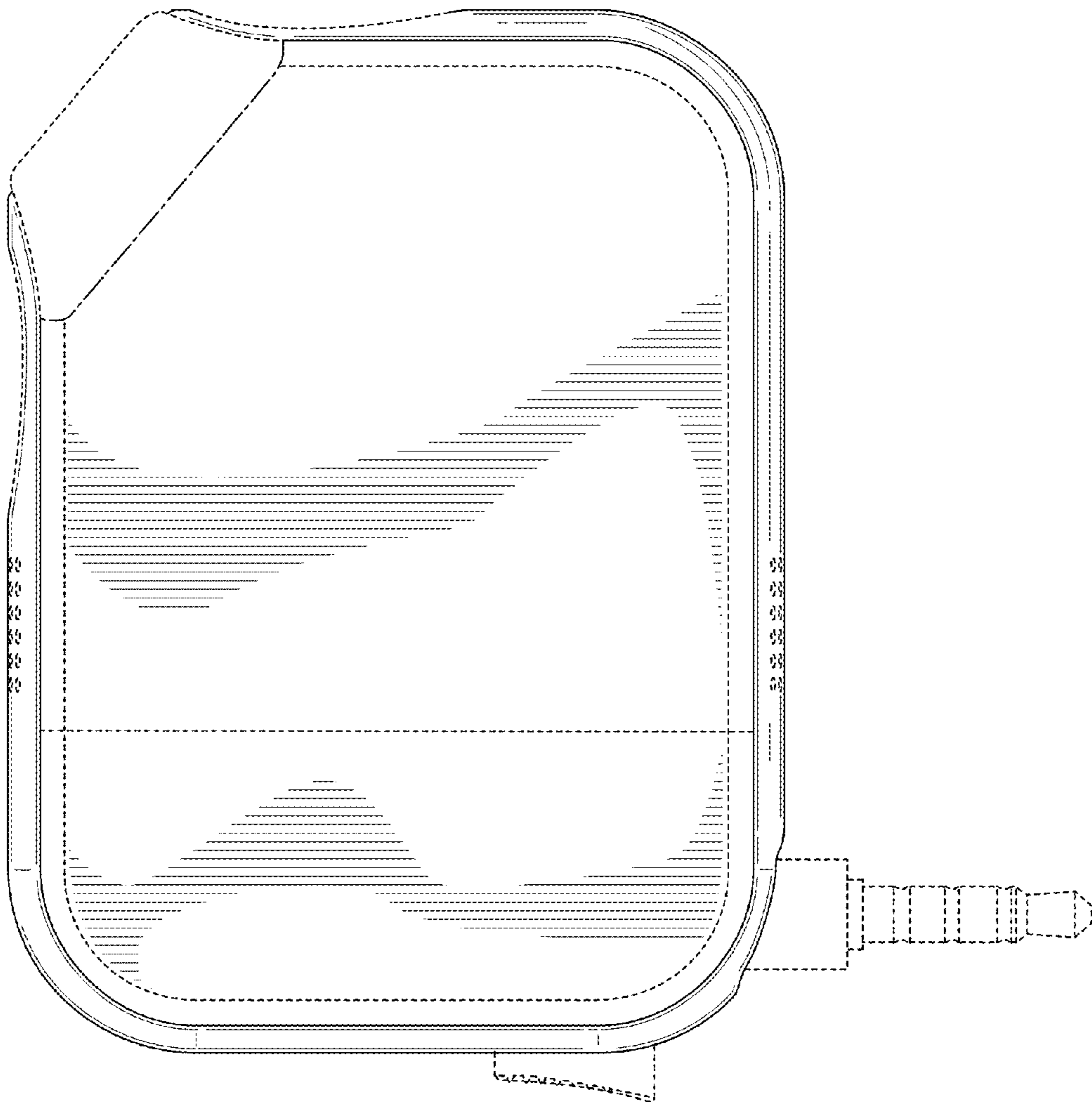


FIG. 27

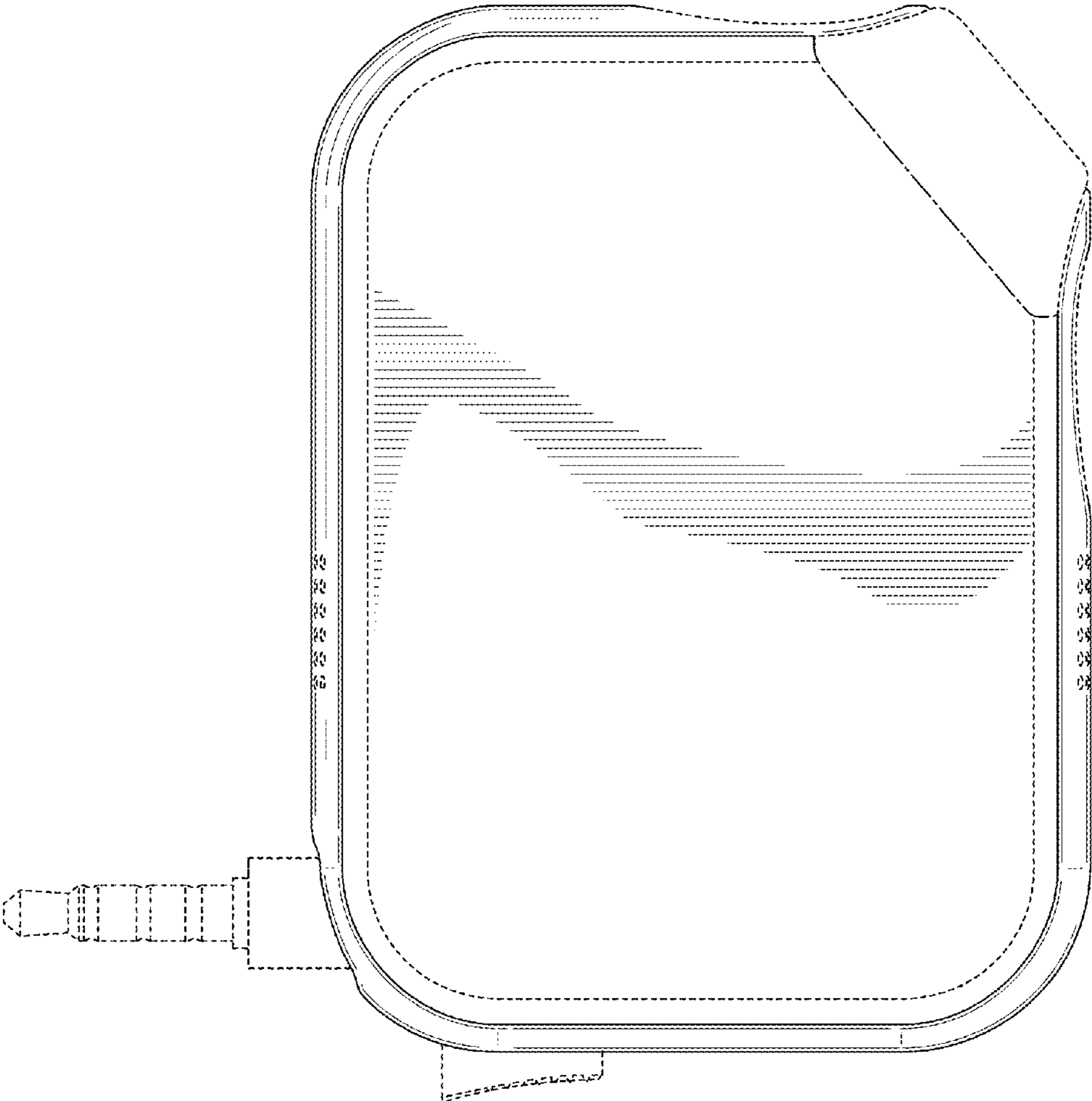


FIG. 28



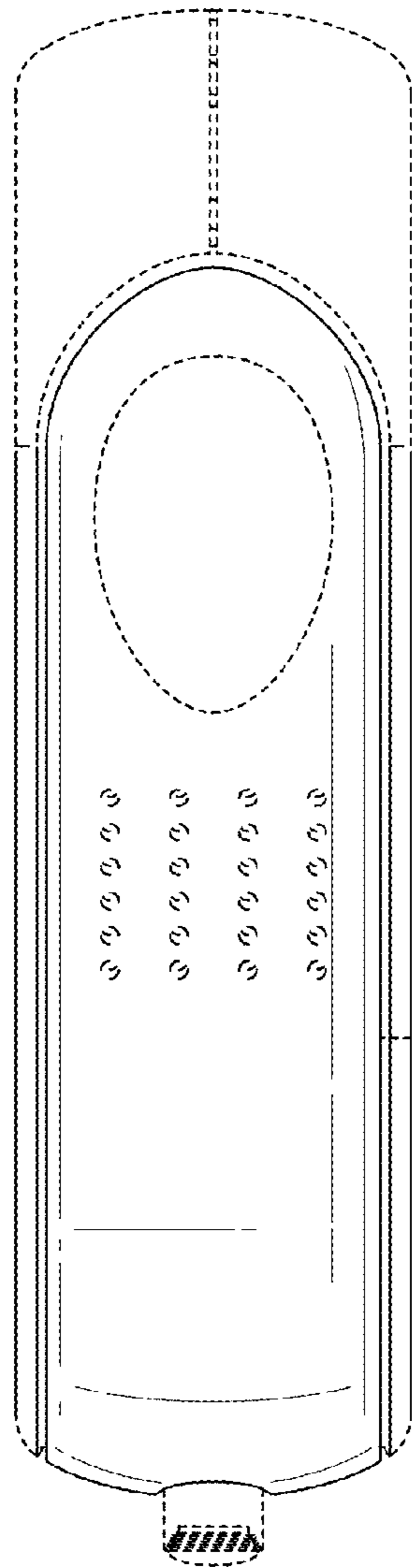


FIG. 29

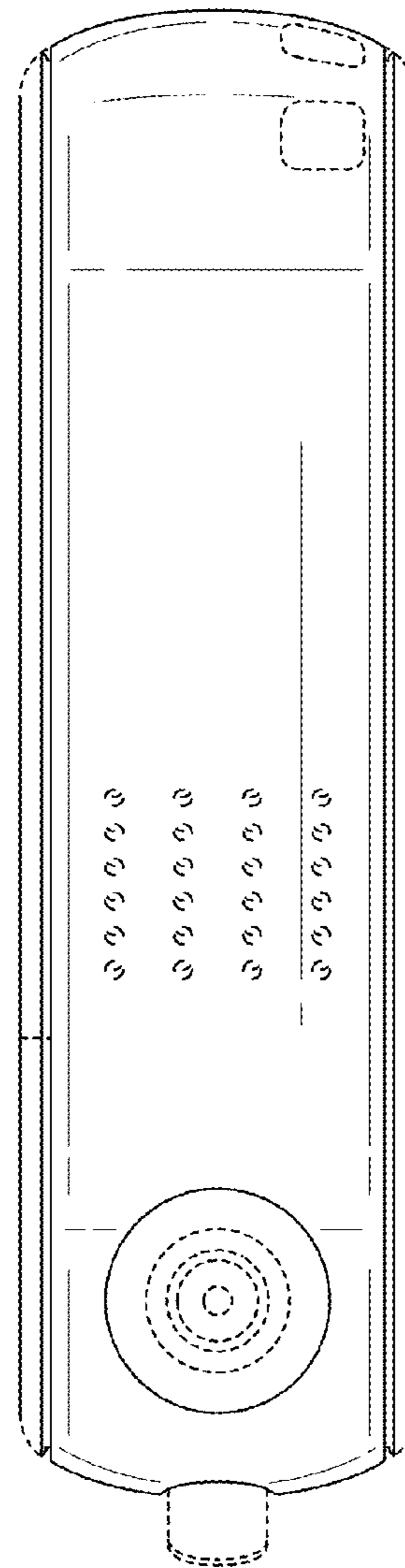
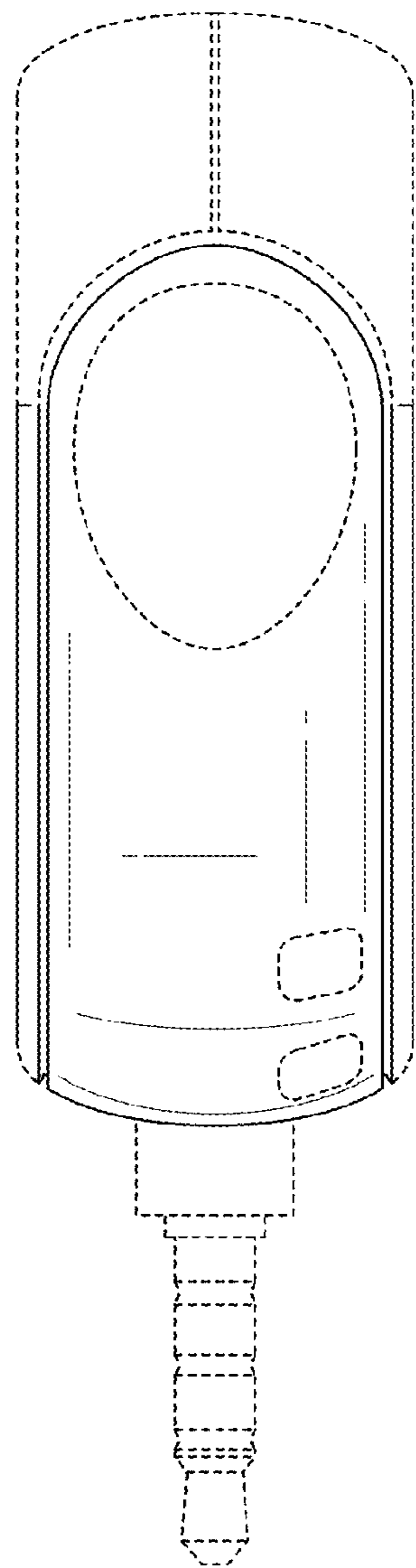
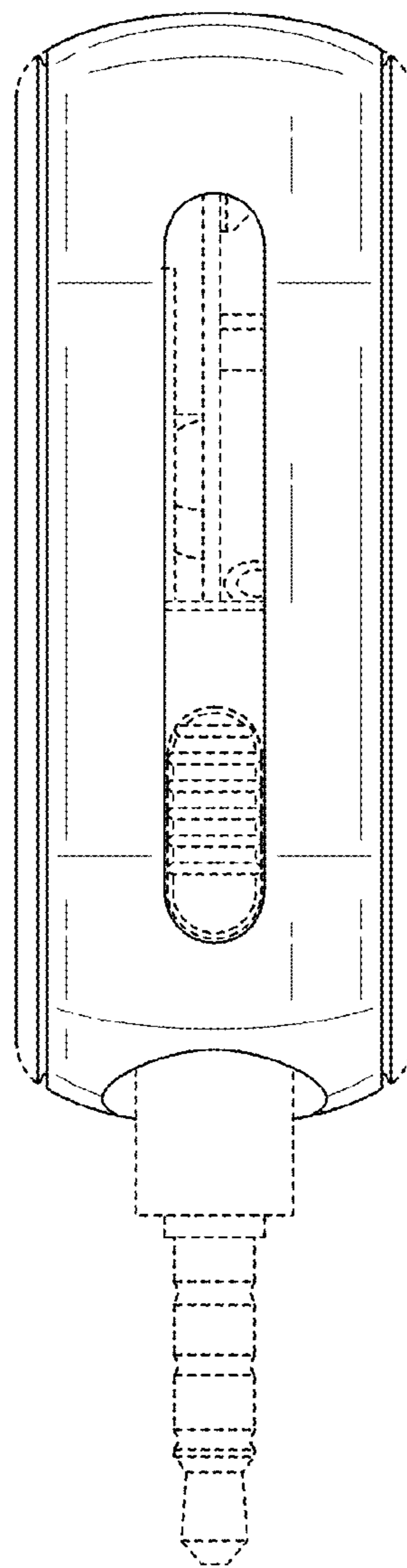


FIG. 30



**FIG. 31**



**FIG. 32**