



US00D812563S

(12) **United States Design Patent** (10) **Patent No.:** **US D812,563 S**
Akana et al. (45) **Date of Patent:** **** Mar. 13, 2018**

(54) **CHARGER**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Jody Akana**, San Francisco, CA (US); **Molly Anderson**, San Francisco, CA (US); **Bartley K. Andre**, Palo Alto, CA (US); **Shota Aoyagi**, San Francisco, CA (US); **Anthony Michael Ashcroft**, San Francisco, CA (US); **Jeremy Bataillou**, San Francisco, CA (US); **Daniel J. Coster**, San Francisco, CA (US); **Daniele De Iuliis**, San Francisco, CA (US); **M. Evans Hankey**, San Francisco, CA (US); **Julian Hoenig**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Marc A. Newson**, London (GB); **Matthew Dean Rohrbach**, San Francisco, CA (US); **Peter Russell-Clarke**, San Francisco, CA (US); **Benjamin Andrew Shaffer**, San Jose, CA (US); **Mikael Silvanto**, San Francisco, CA (US); **Christopher J. Stringer**, Woodside, CA (US); **Clement Tissandier**, San Francisco, CA (US); **Eugene Antony Whang**, San Francisco, CA (US); **Rico Zörkendörfer**, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/553,631**

(22) Filed: **Feb. 3, 2016**

Related U.S. Application Data

(63) Continuation of application No. 29/538,659, filed on Sep. 4, 2015, now Pat. No. Des. 795,183.

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**

USPC **D13/108**

(58) **Field of Classification Search**

USPC D13/107–110, 118–119, 184; D14/251, D14/253, 432, 434

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D221,081 S 7/1971 Kahn
D399,603 S 10/1998 Hemsley, Jr. et al.

(Continued)

Primary Examiner — Rosemary K Tarcza

Assistant Examiner — Nathaniel D. Buckner

(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for a charger, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a charger showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a top front perspective view thereof in an open state;

FIG. 9 is a top rear perspective view thereof;

FIG. 10 is a front view thereof;

FIG. 11 is a rear view thereof;

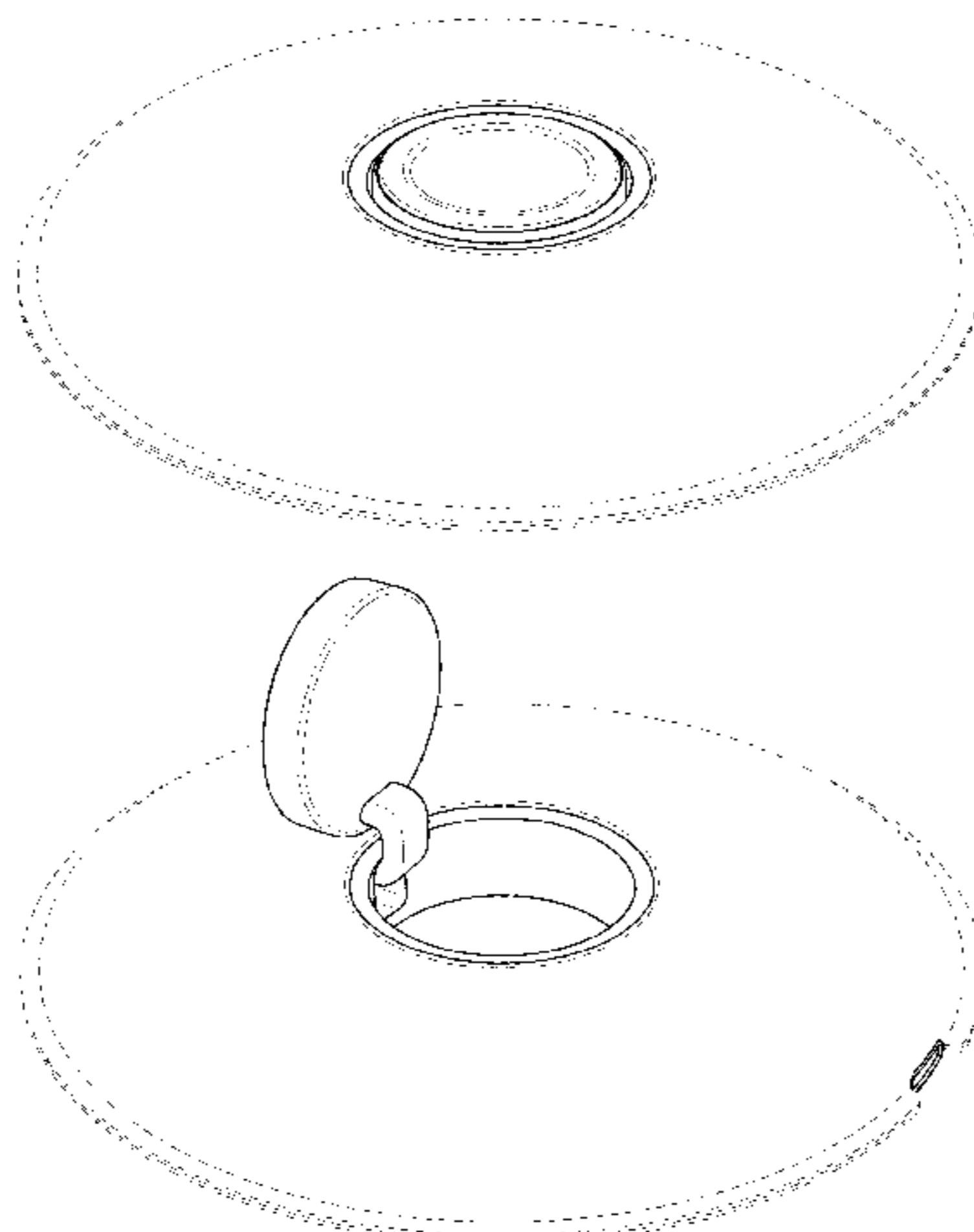
FIG. 12 is a left side view thereof;

FIG. 13 is a right side view thereof;

FIG. 14 is a top view thereof; and,

FIG. 15 is a bottom view thereof.

(Continued)



The broken lines in the figures show portions of the charger that form no part of the claimed design.

1 Claim, 11 Drawing Sheets

(58) **Field of Classification Search**

CPC Y02E 60/12; Y02T 90/14; Y02T 90/122;
 Y02T 90/128; Y02T 90/163; H02J 7/025;
 H02J 7/0042; H02J 7/0044; H02J 7/0045;
 H02J 7/0003; H01F 38/14; H01R
 13/6675; H01M 2/1022; H01M 2/1055;
 H01M 10/44; H01M 10/46; H01M
 10/425; B60L 11/182

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D433,994 S	11/2000	Jobs et al.
D461,813 S	8/2002	Chang
D523,750 S	6/2006	Lee et al.
D533,063 S	12/2006	Lee et al.
D599,241 S	9/2009	Andre et al.
D620,884 S	8/2010	Lee et al.
D625,262 S	10/2010	Lee et al.
D640,976 S	7/2011	Matsuoka
D643,844 S	8/2011	Akana et al.
D654,431 S	2/2012	Stephanchick et al.
D659,093 S	5/2012	Schmid et al.
D662,939 S	7/2012	Akana et al.
D673,110 S	12/2012	Sasada et al.
D687,772 S	8/2013	Chikos et al.
D694,182 S	11/2013	Lee et al.
D697,027 S	1/2014	Ho
D697,510 S	1/2014	Sato et al.

D701,831 S	4/2014	Park et al.	
D704,634 S	5/2014	Eidelman et al.	
D705,815 S	5/2014	Green	
D706,212 S	6/2014	Zwierstra et al.	
D718,233 S	11/2014	Aumiller et al.	
D718,234 S	11/2014	Rautiainen	
D718,236 S	11/2014	Murray	
D718,712 S	12/2014	Aumiller et al.	
D720,289 S	12/2014	Chiang et al.	
D725,034 S	3/2015	Chen	
D727,260 S	4/2015	Aumiller et al.	
D735,131 S	* 7/2015	Akana	D13/108
D741,256 S	10/2015	Murphy-Reinhertz et al.	
D747,267 S	1/2016	Aumiller et al.	
D749,044 S	2/2016	Huang	
D756,216 S	5/2016	El-Debs et al.	
D757,010 S	5/2016	Kang et al.	
D757,014 S	5/2016	Hahn et al.	
D765,084 S	8/2016	Akana et al.	
D772,813 S	* 11/2016	Wahl	D13/108
D777,103 S	1/2017	Park	
D781,266 S	* 3/2017	Ahn	D14/204
D782,973 S	4/2017	Zhou	
D784,259 S	4/2017	Huang et al.	
D786,193 S	* 5/2017	Akana	D13/108
D789,293 S	* 6/2017	Toiviainen	D13/108
D794,556 S	* 8/2017	Liao	D13/107
D794,557 S	* 8/2017	Kim	D13/108
D795,182 S	* 8/2017	Akana	D13/108
D795,183 S	* 8/2017	Akana	D13/108
D797,667 S	* 9/2017	Park	D13/108
D798,807 S	* 10/2017	Shi	D13/108
D800,068 S	* 10/2017	Kim	D13/144
D802,529 S	* 11/2017	Andersson	D13/108
2009/0134838 A1	5/2009	Raghuprasad	
2012/0104999 A1	5/2012	Teggatz et al.	
2014/0117926 A1	5/2014	Hwu et al.	
2015/0091500 A1	4/2015	Claudepierre	

* cited by examiner

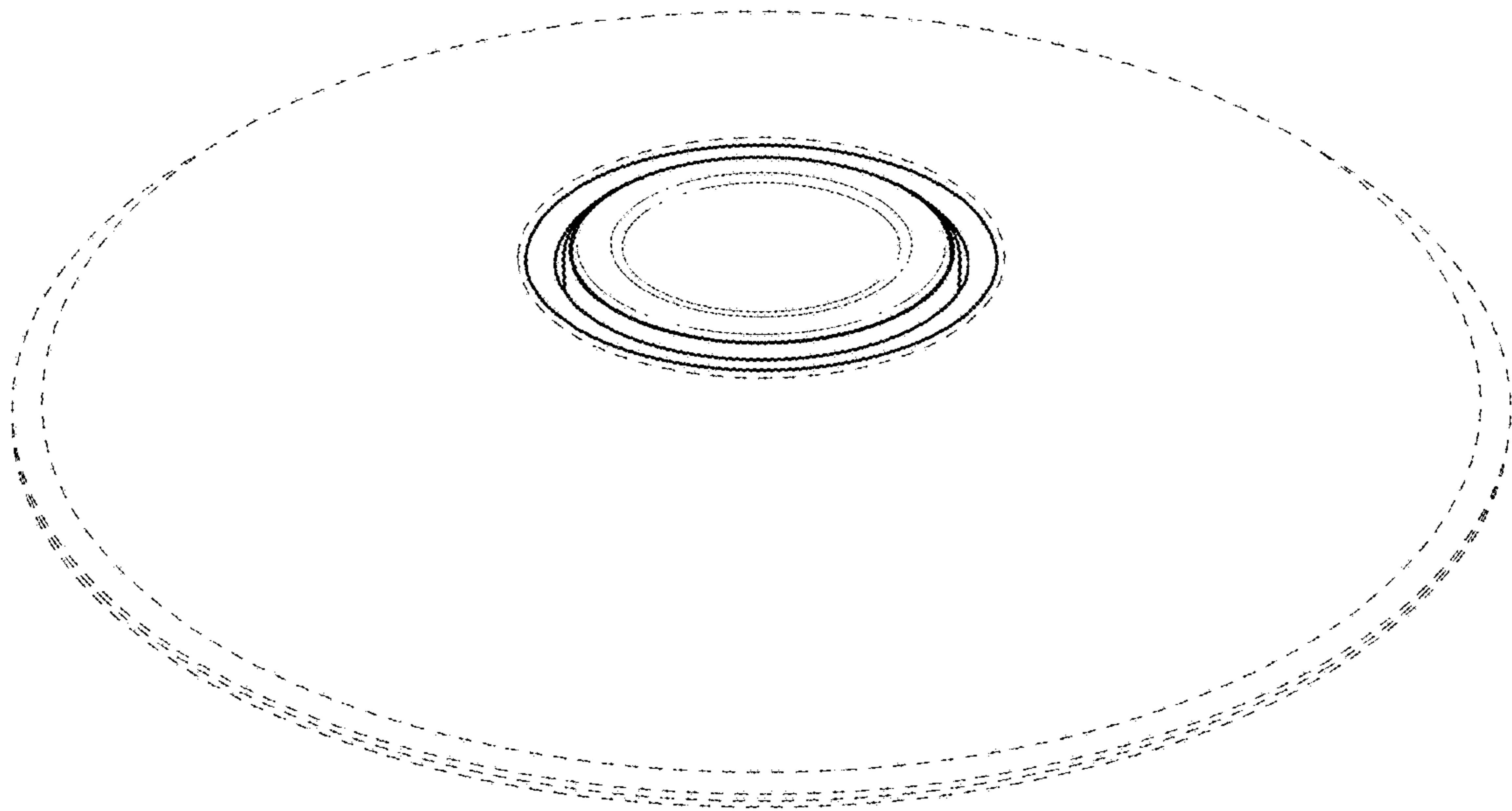


FIG. 1

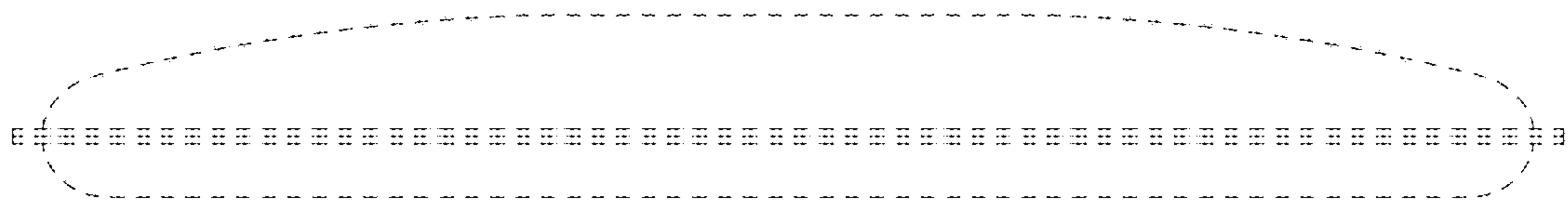


FIG. 2

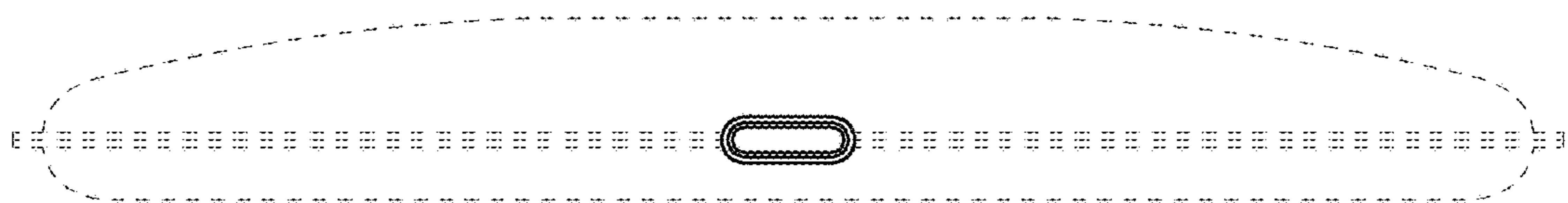


FIG. 3

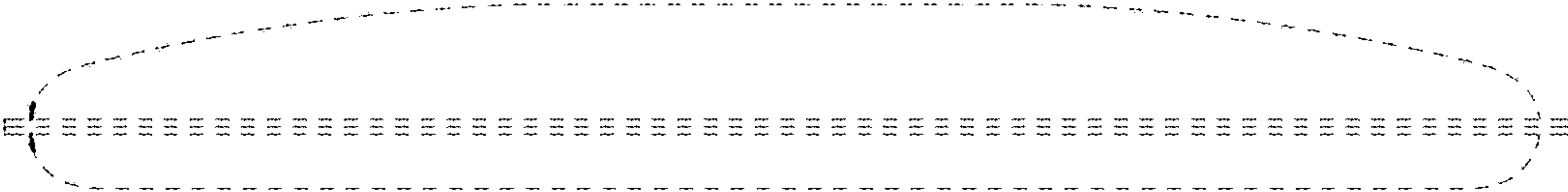


FIG. 4

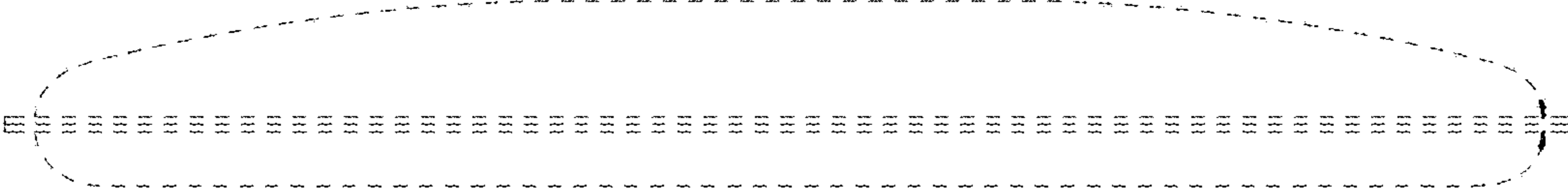


FIG. 5

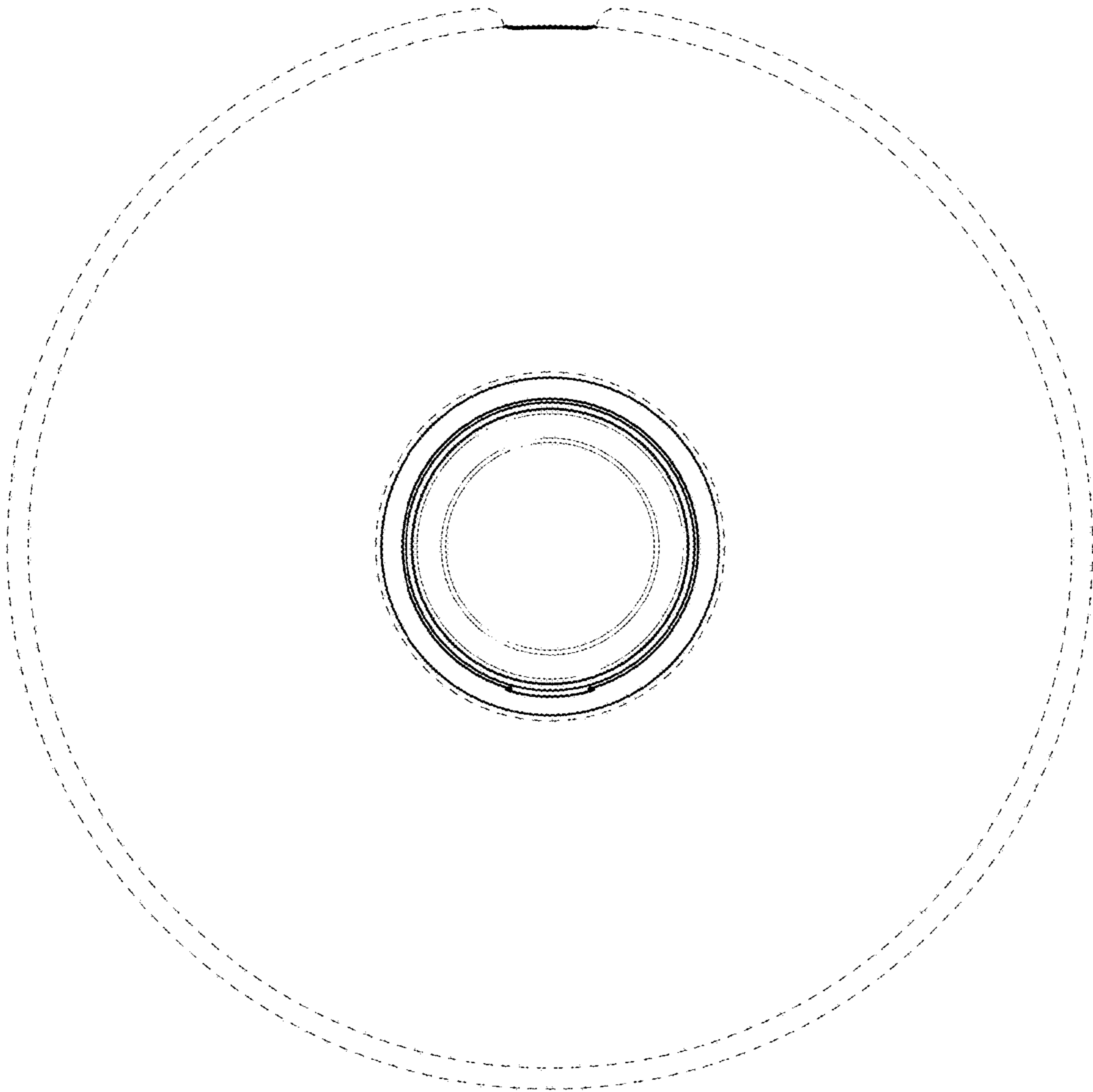


FIG. 6

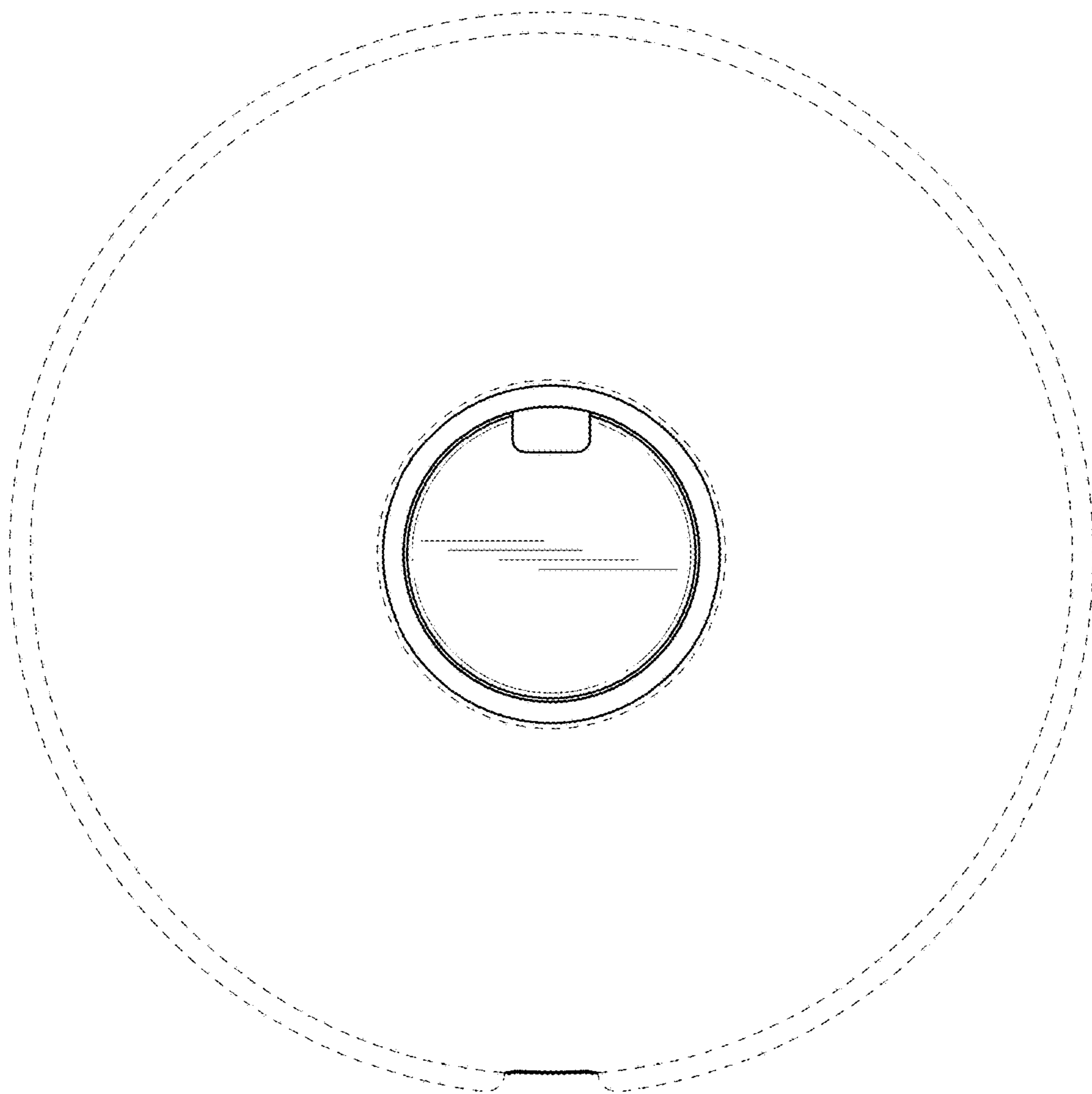


FIG. 7

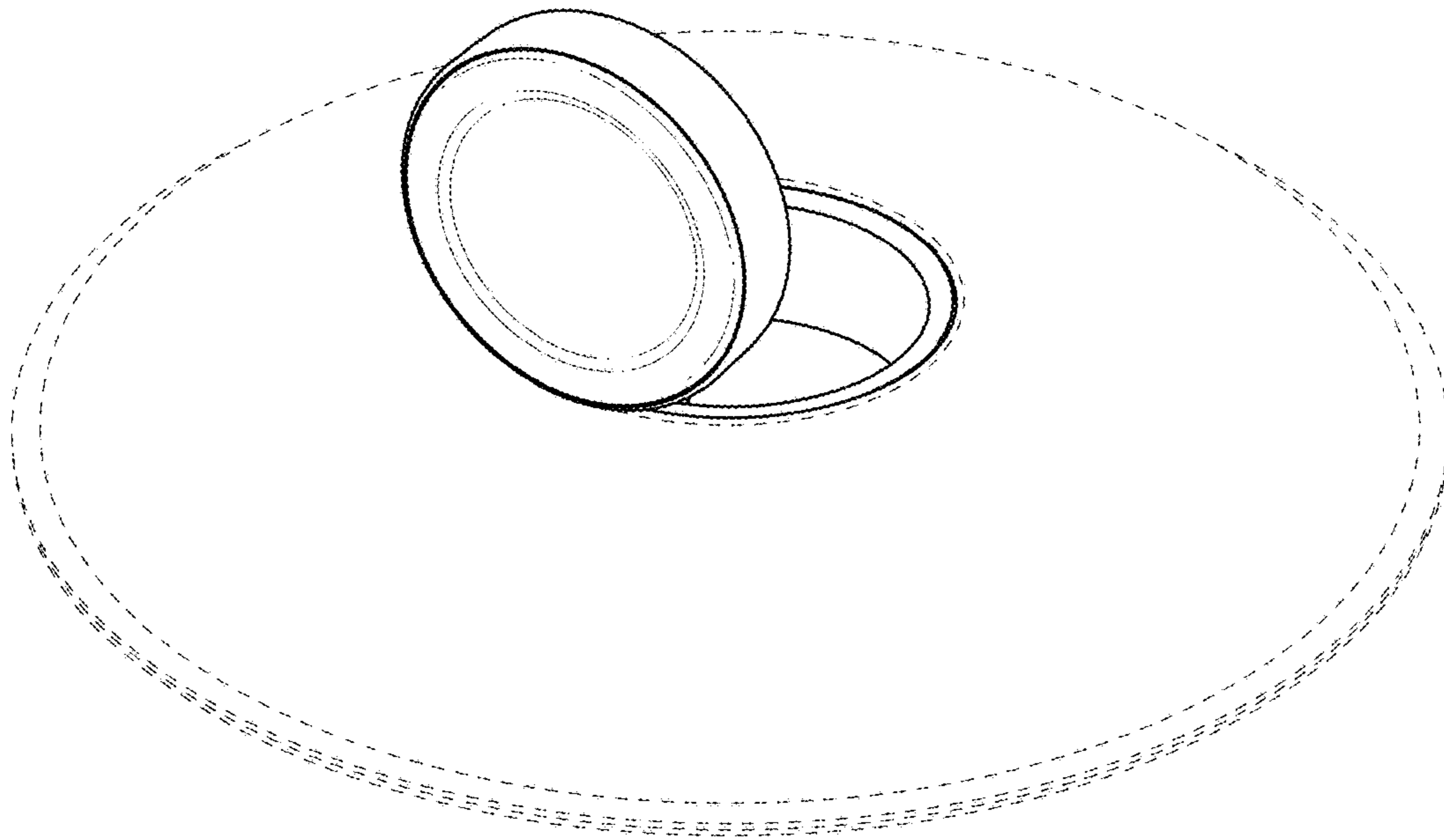


FIG. 8

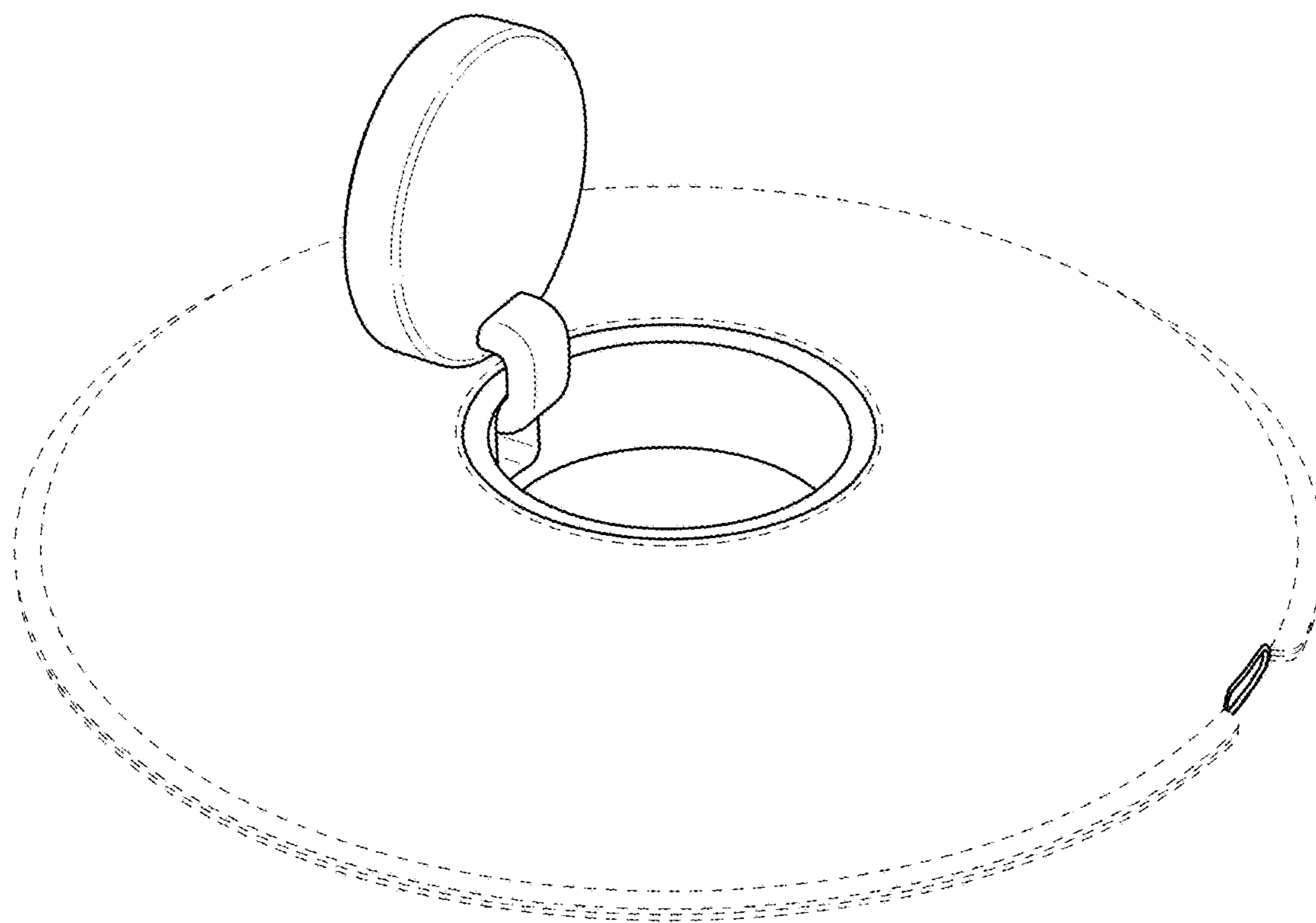


FIG. 9

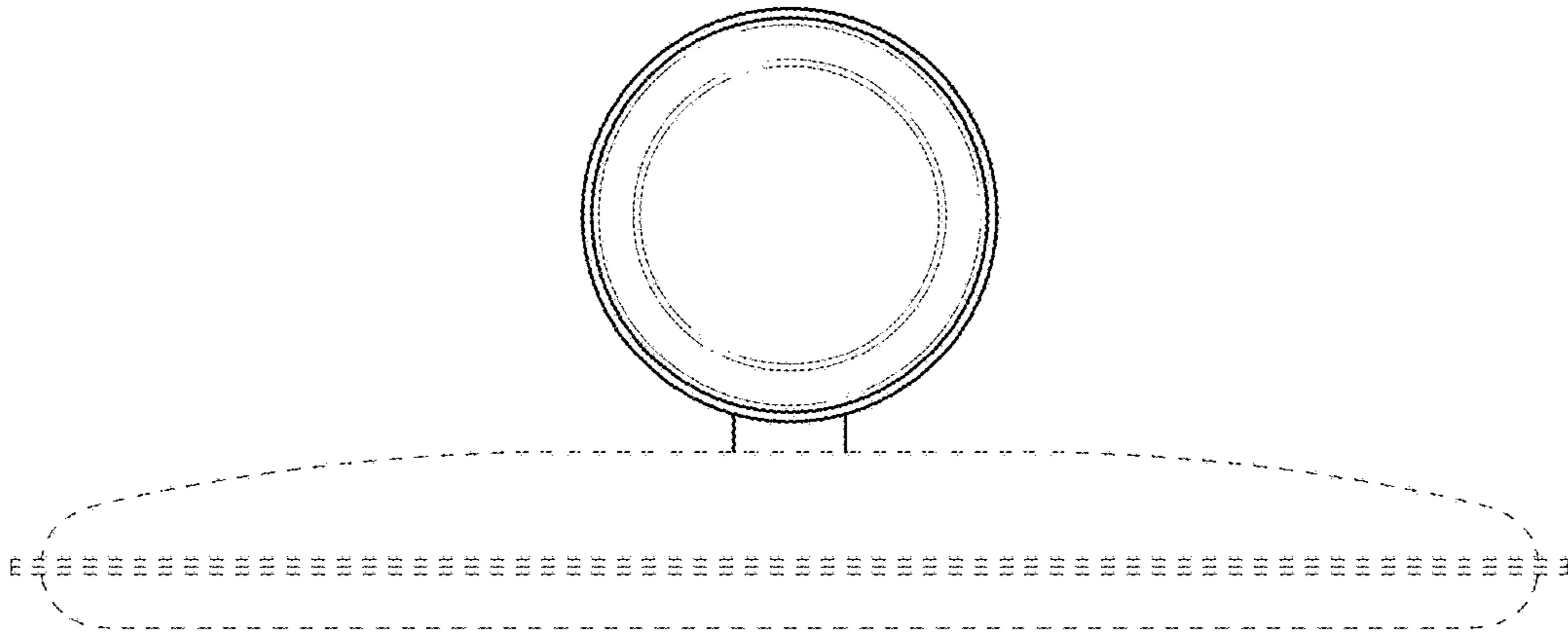


FIG. 10

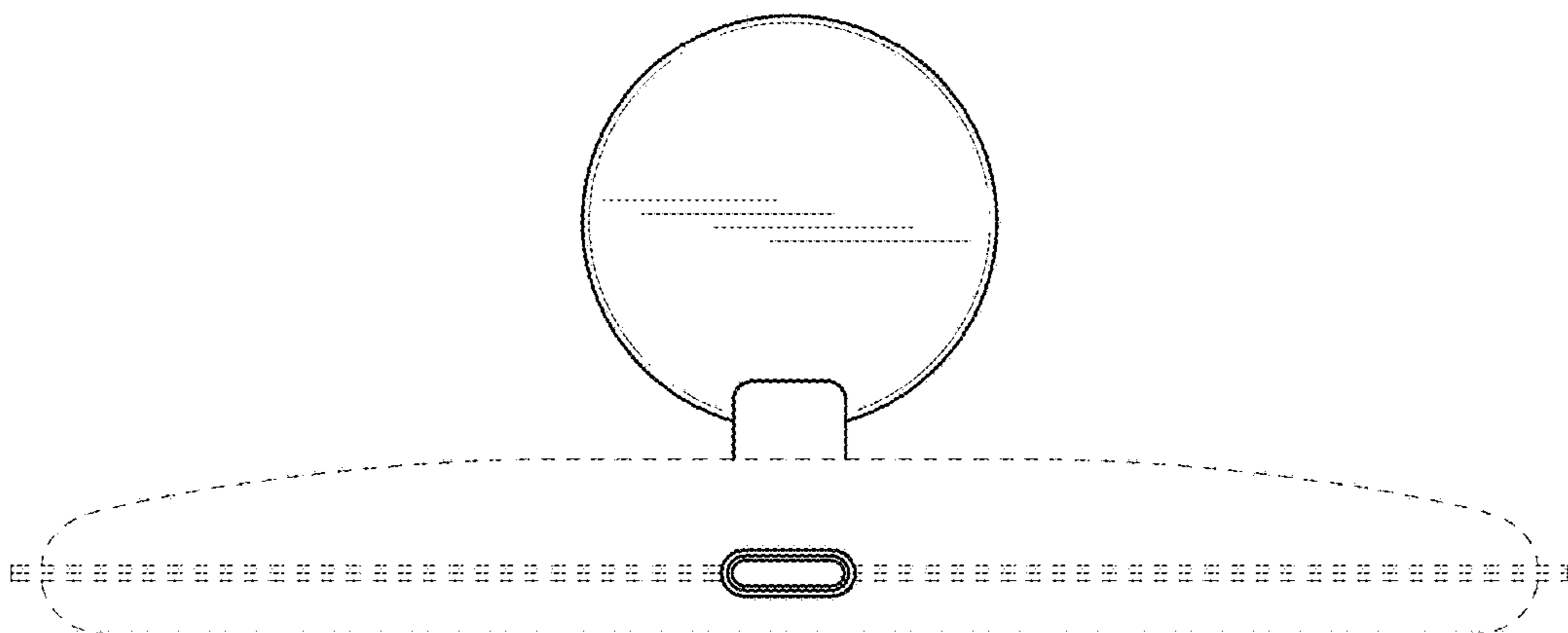


FIG. 11

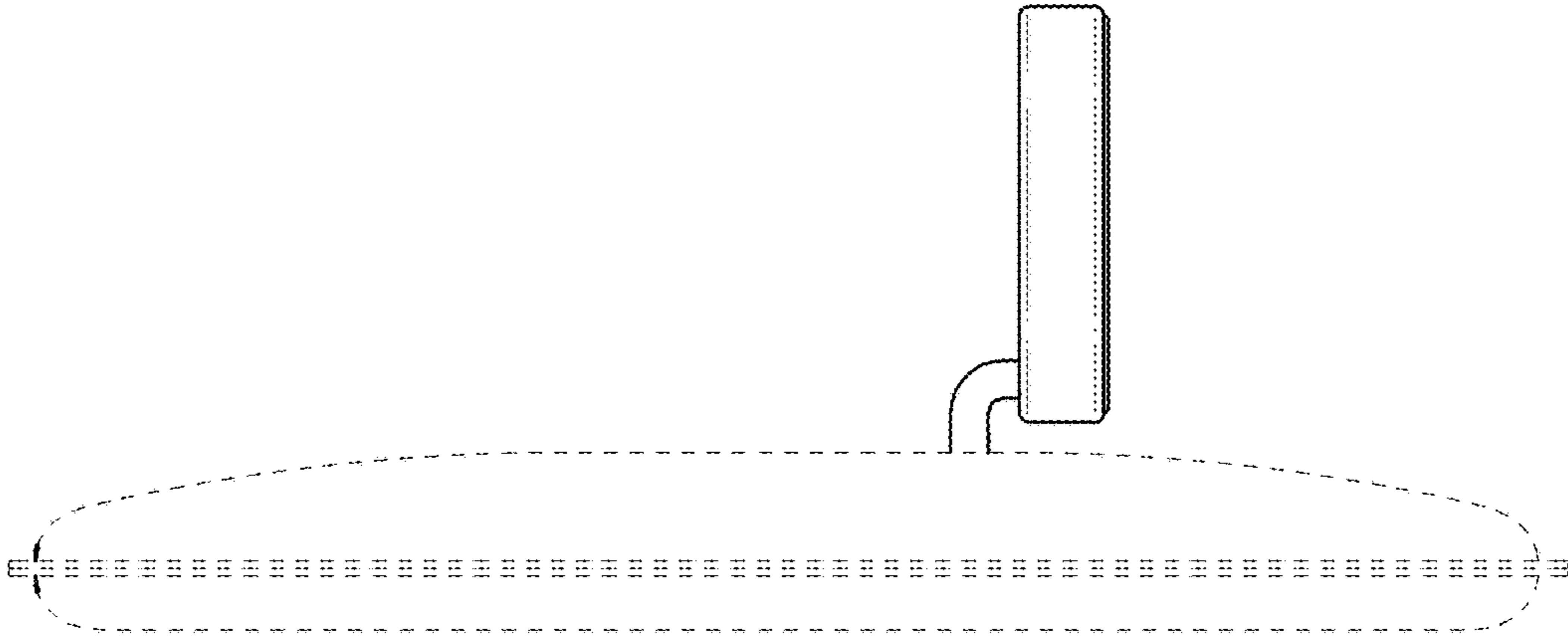


FIG. 12

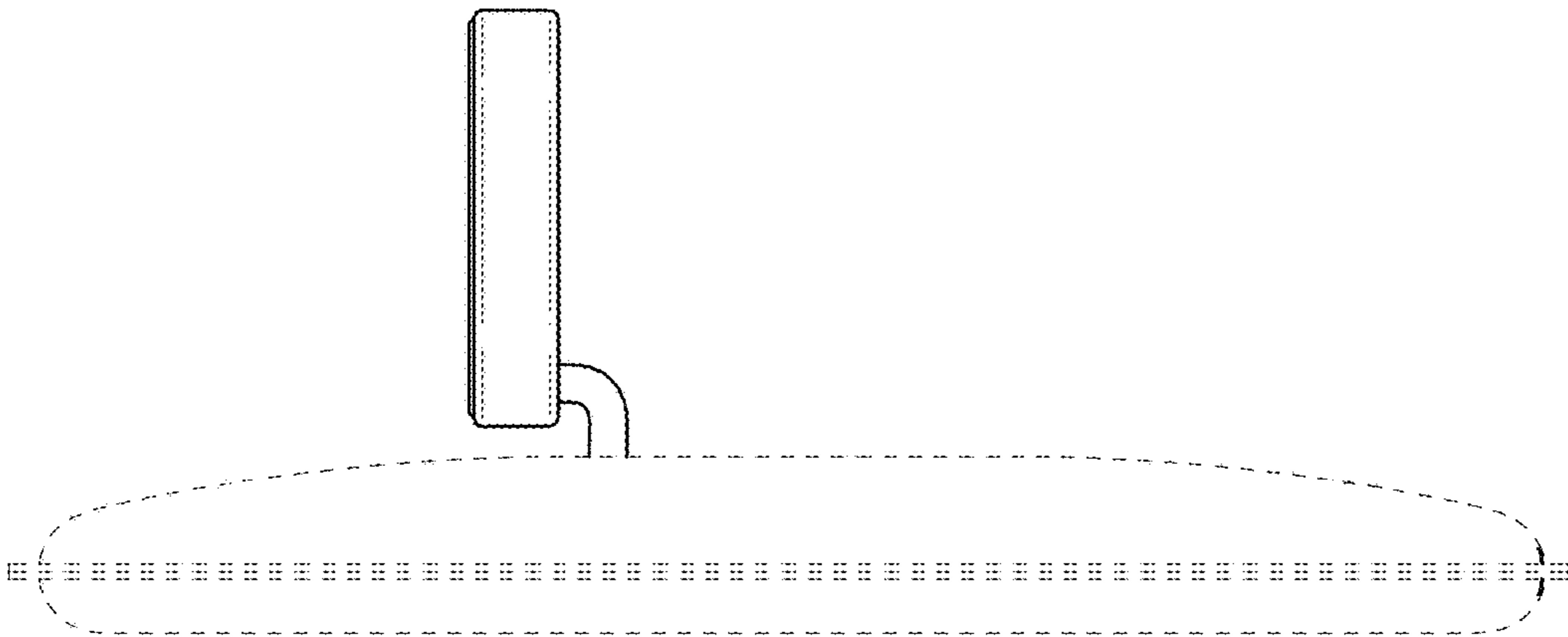


FIG. 13

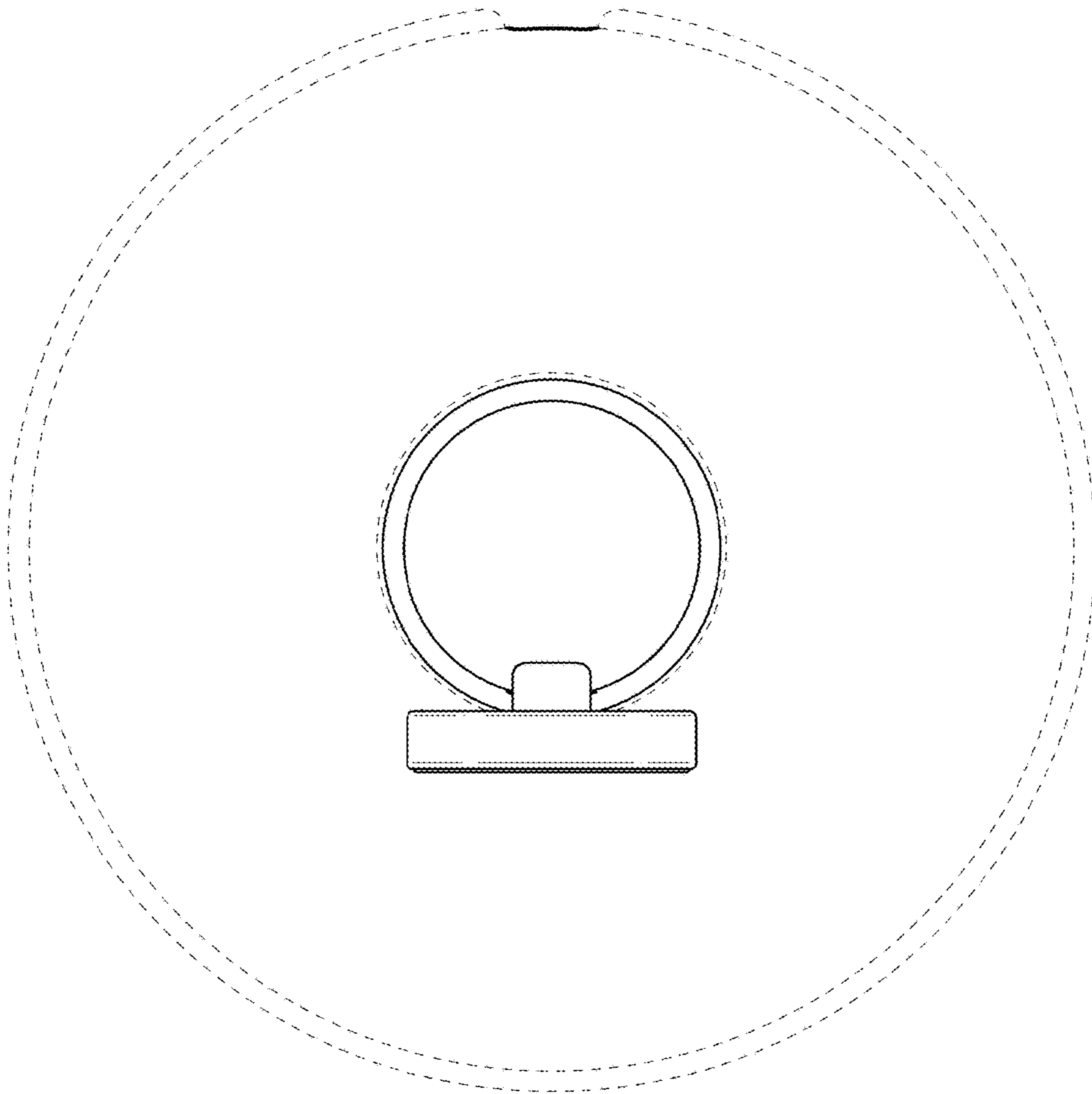


FIG. 14

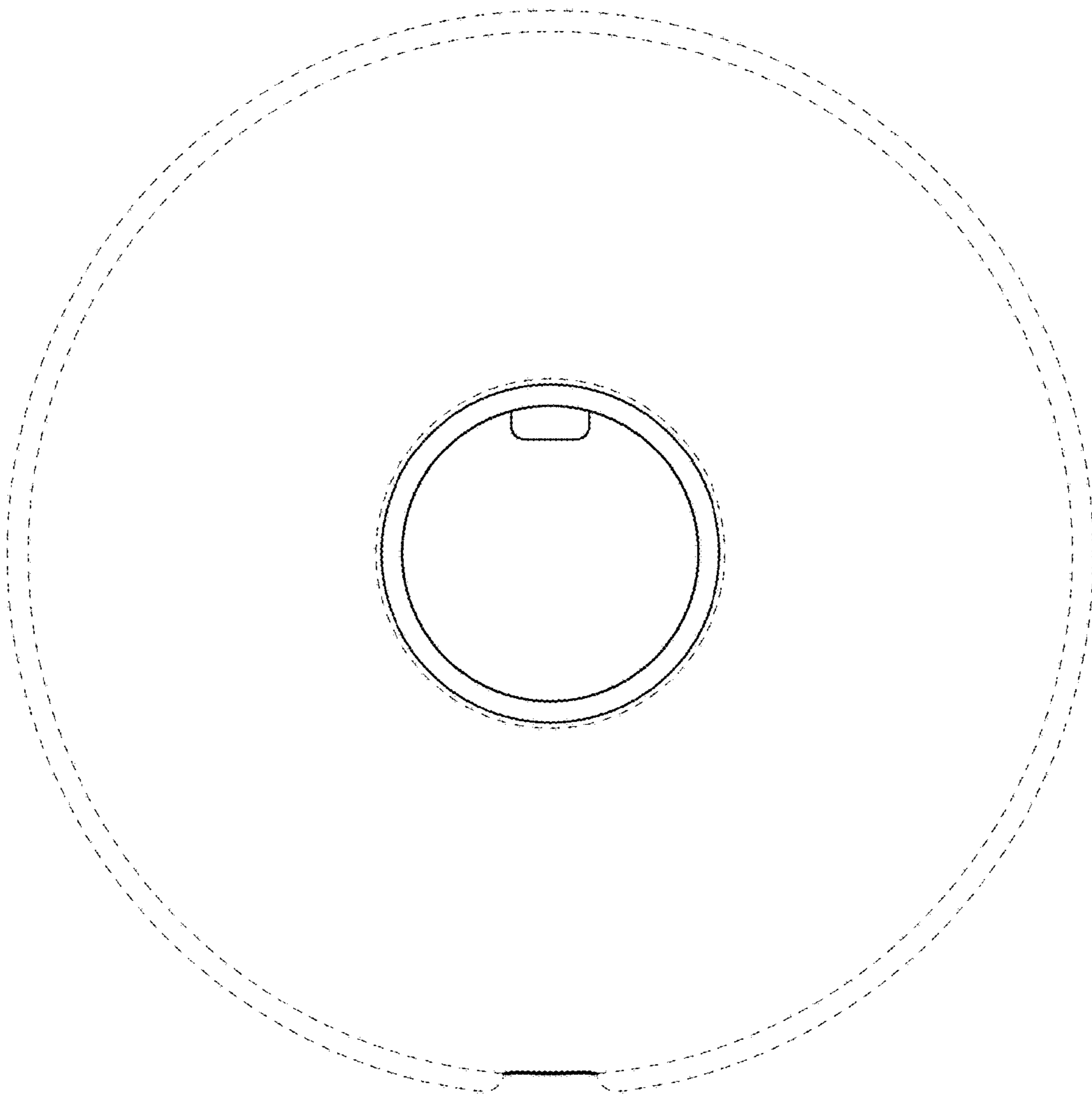


FIG. 15