



US00D970433S

(12) **United States Design Patent**  
**Tan**

(10) **Patent No.:** **US D970,433 S**

(45) **Date of Patent:** **\*\* Nov. 22, 2022**

(54) **CHARGER**

(71) Applicant: **Chunlun Tan**, Hechi (CN)

(72) Inventor: **Chunlun Tan**, Hechi (CN)

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

(21) Appl. No.: **29/808,389**

(22) Filed: **Sep. 18, 2021**

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

(52) **U.S. Cl.**  
USPC ..... **D13/107**

(58) **Field of Classification Search**

USPC ..... D13/103, 107, 108, 110, 118, 151, 153,  
D13/154, 155, 184  
CPC ..... Y02E 60/10; Y02E 60/50; H01M 50/10;  
H01M 50/107; H01M 50/557; H01M  
50/209; H01M 50/502; H01M 2220/30;  
H02J 7/00; H02J 7/0003; H02J 7/0011;  
H02J 7/0013; H02J 7/0054; H02J 7/0055;  
H02J 7/0057

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D718,234 S	*	11/2014	Rautiainen	.....	D13/108
D725,034 S	*	3/2015	Chen	.....	D13/108
D735,131 S	*	7/2015	Akana	.....	D13/108
D737,762 S	*	9/2015	Aumiller	.....	D13/108
D746,772 S	*	1/2016	Aumiller	.....	D13/108
D747,267 S	*	1/2016	Aumiller	.....	D13/108
D786,193 S	*	5/2017	Akana	.....	D13/108
D798,807 S	*	10/2017	Shi	.....	D13/108
D806,020 S	*	12/2017	Lu	.....	D13/107
D850,372 S	*	6/2019	Kong	.....	D13/108
D869,391 S	*	12/2019	Roberts	.....	D13/108
D890,095 S	*	7/2020	Liao	.....	D13/110
D899,359 S	*	10/2020	Zhang	.....	D13/108
D900,027 S	*	10/2020	Reilly	.....	D13/108
D908,620 S	*	1/2021	Akana	.....	D13/108
D911,276 S	*	2/2021	Li	.....	D13/108

D935,402 S	*	11/2021	Qiu	.....	D13/108
D936,576 S	*	11/2021	Joung	.....	D13/108
D937,765 S	*	12/2021	Akana	.....	D13/107

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*Primary Examiner* — Christy Nemeth

(57) **CLAIM**

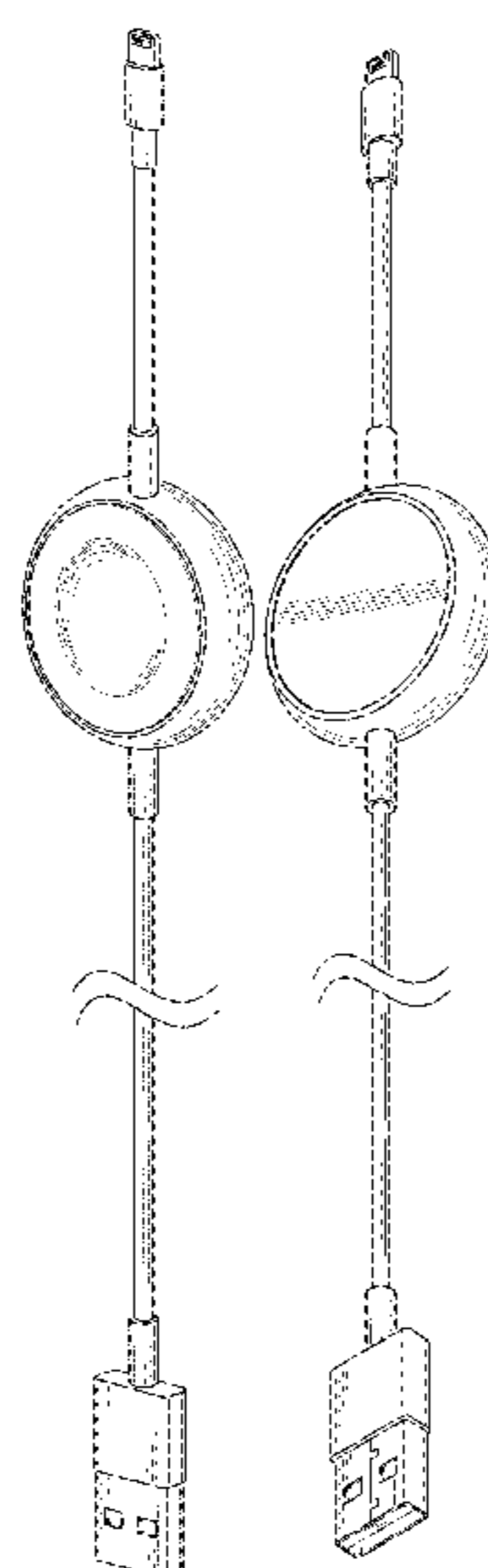
The ornamental design for a charger, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of a first embodiment of a charger showing my new design;  
 FIG. 2 is a rear, left side and bottom perspective view thereof;  
 FIG. 3 is a front view thereof;  
 FIG. 4 is a rear view thereof;  
 FIG. 5 is a left side view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a top plan view thereof;  
 FIG. 8 is a bottom plan view thereof;  
 FIG. 9 is a top, front and right side perspective view of a second embodiment of the charger showing my new design;  
 FIG. 10 is a rear, left side and bottom perspective view thereof;  
 FIG. 11 is a front view thereof;  
 FIG. 12 is a rear view thereof;  
 FIG. 13 is a left side view thereof;  
 FIG. 14 is a right side view thereof;  
 FIG. 15 is a top plan view thereof; and,  
 FIG. 16 is a bottom plan view thereof.

The broken lines in the drawings are for the purposes of illustrating portions of the charger that form no part of the claimed design. The charger 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.

**1 Claim, 14 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D943,524 S *	2/2022	Zheng .....	D13/108
D946,506 S *	3/2022	Cheng .....	D13/107
D946,507 S *	3/2022	Cheng .....	D13/107
D946,508 S *	3/2022	Cheng .....	D13/107
D948,427 S *	4/2022	Lin .....	D13/108
D958,071 S *	7/2022	Yang .....	D13/108
D958,072 S *	7/2022	Yang .....	D13/108
D958,737 S *	7/2022	Turksu .....	D13/108

\* cited by examiner

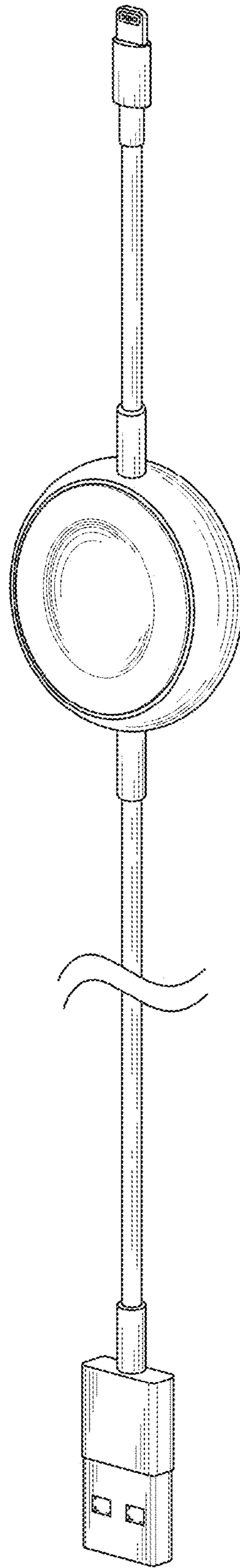


FIG. 1

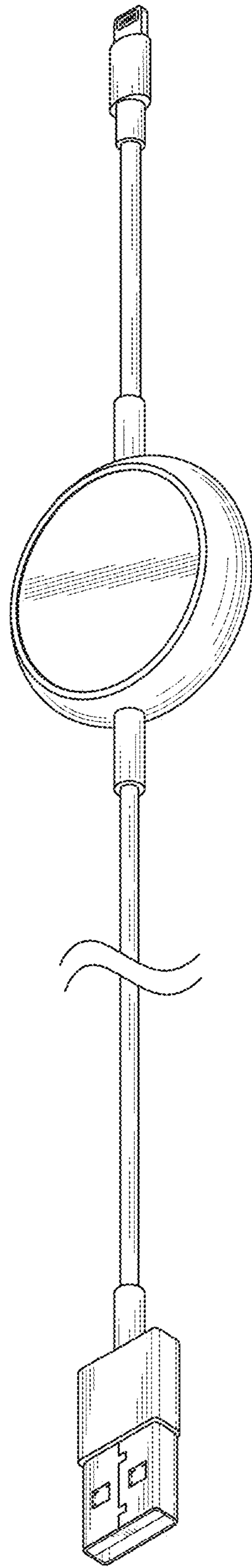


FIG. 2

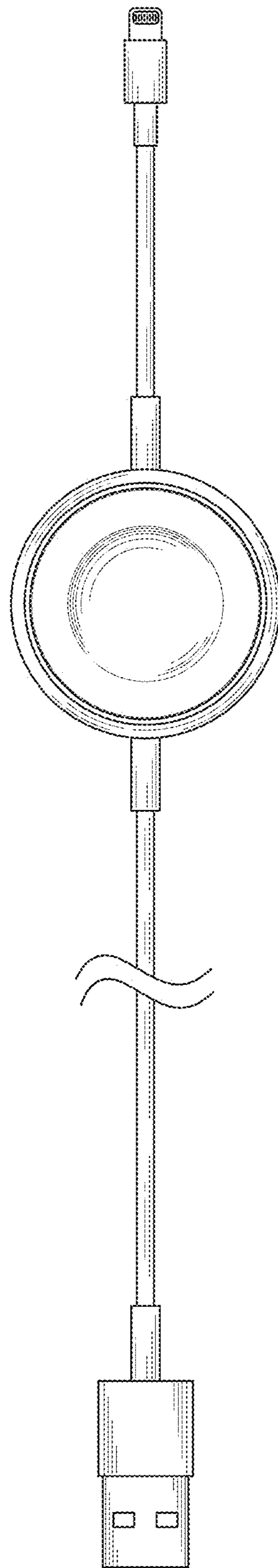


FIG. 3

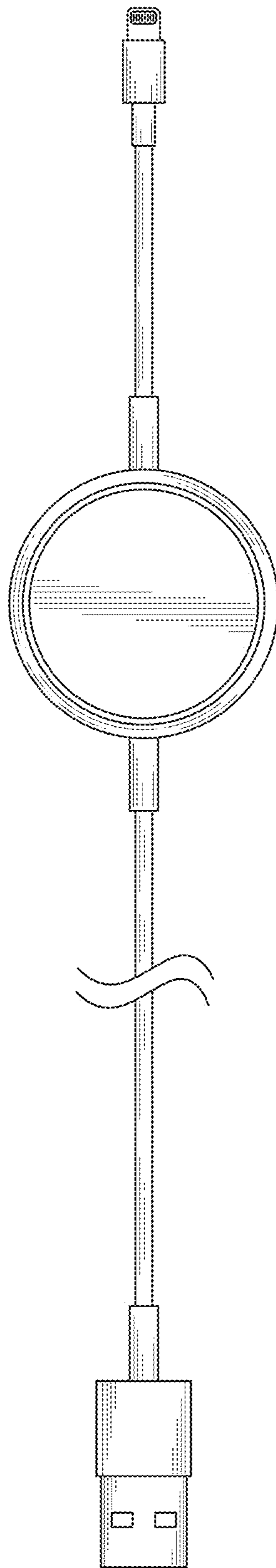


FIG. 4

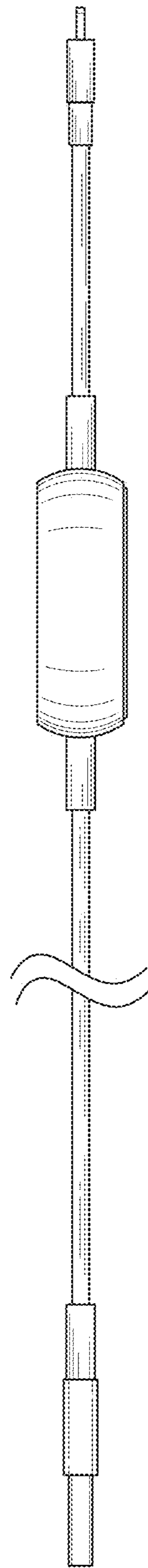


FIG. 5

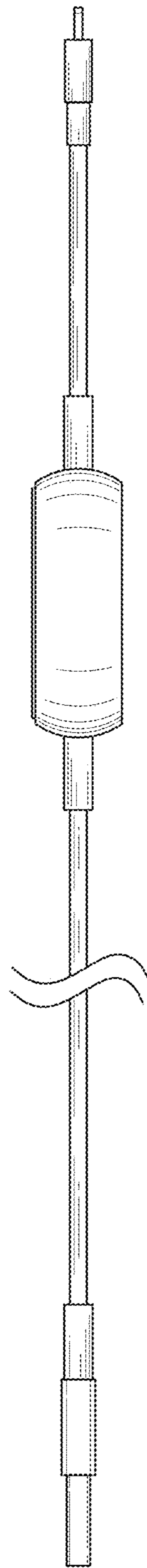


FIG. 6





FIG. 7

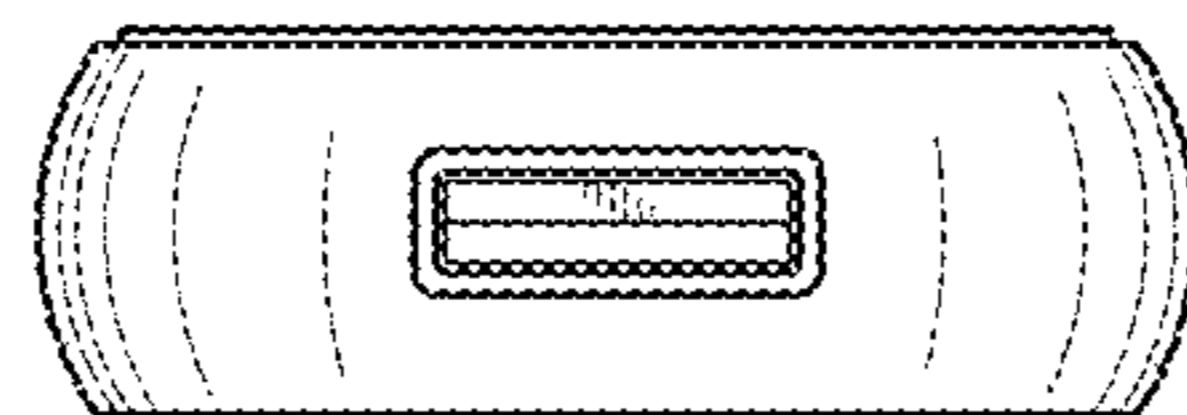


FIG. 8

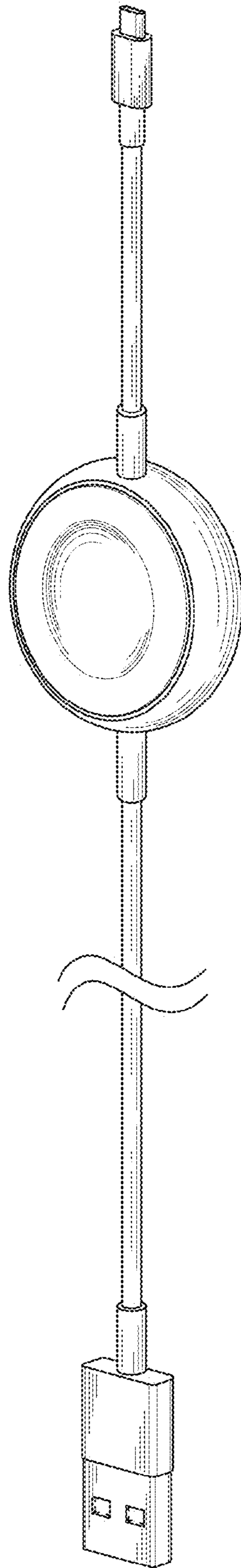


FIG. 9

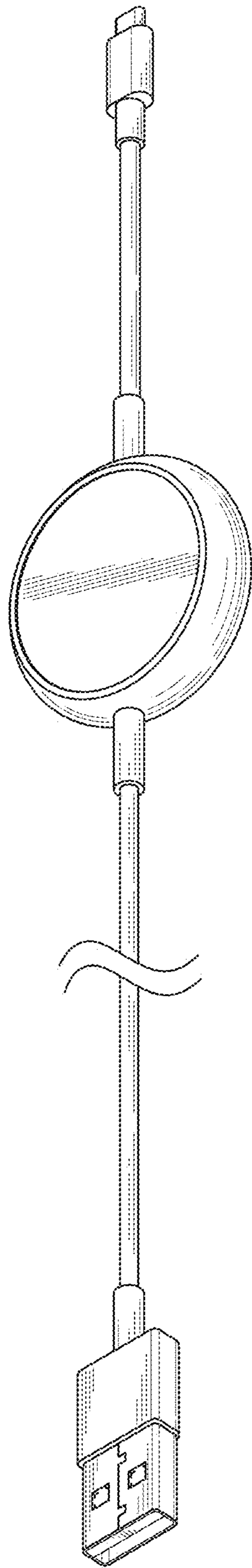


FIG. 10

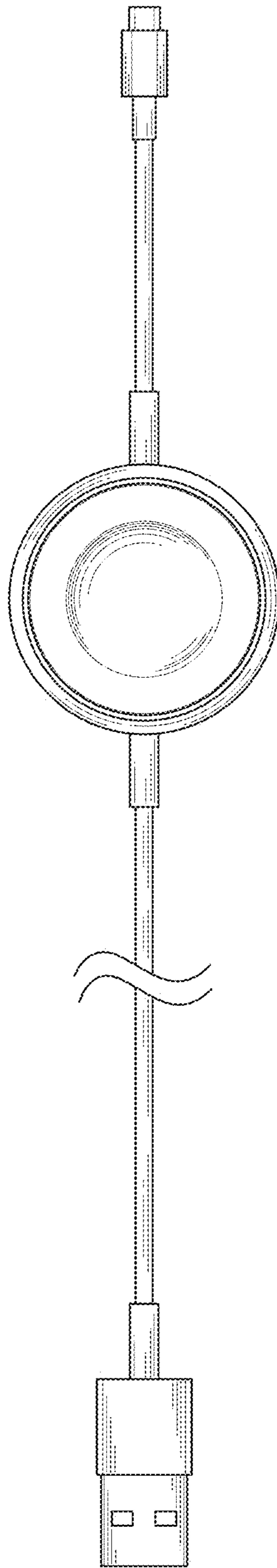


FIG. 11

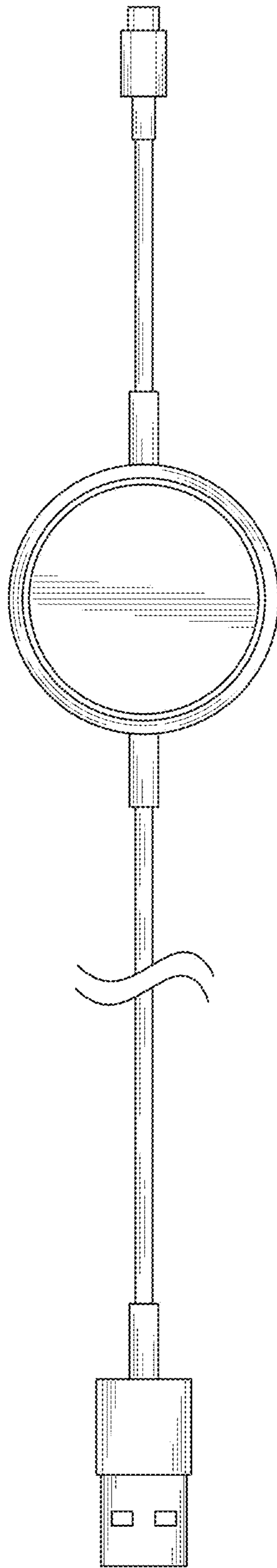


FIG. 12

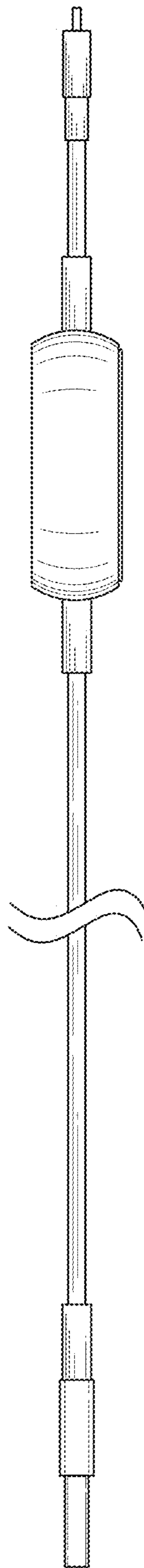


FIG. 13

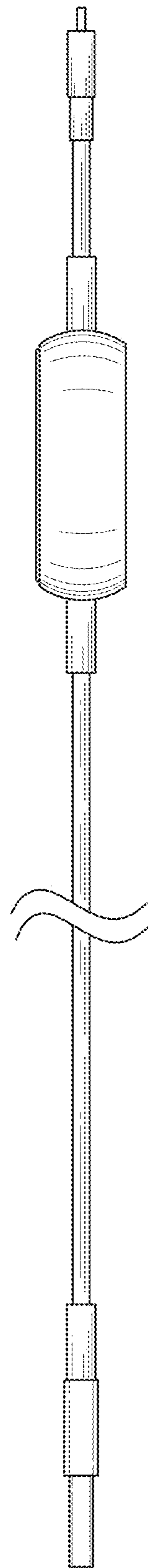


FIG. 14

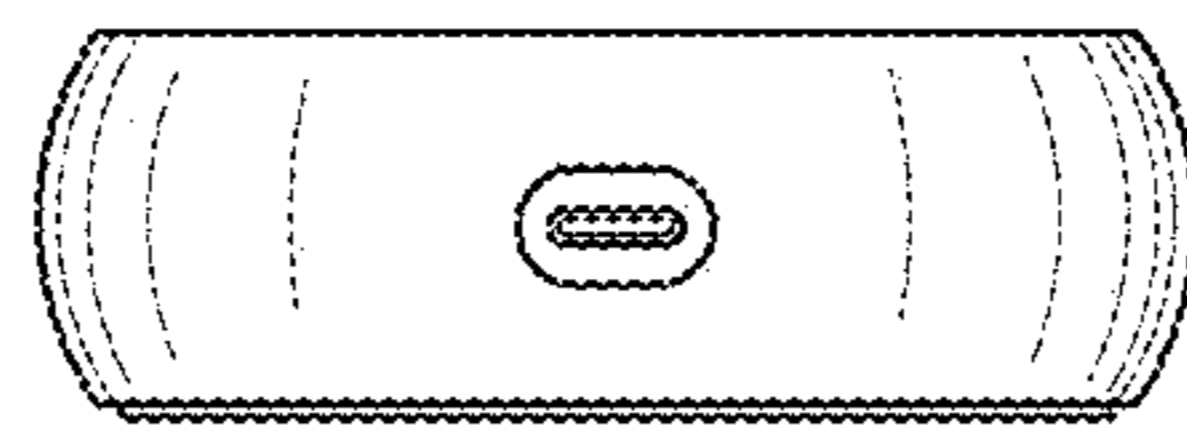


FIG. 15

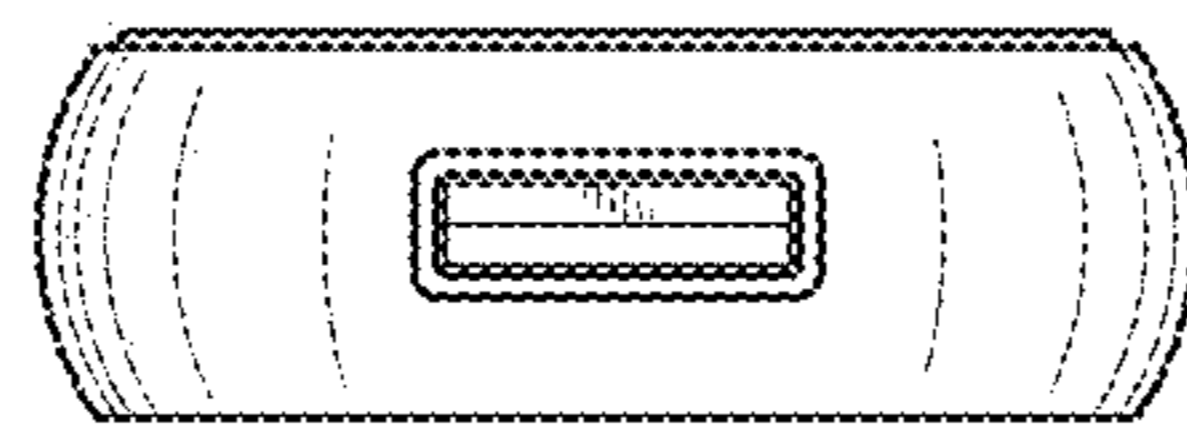


FIG. 16