



US00D969072S

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

(10) **Patent No.:** **US D969,072 S**
(45) **Date of Patent:** **** Nov. 8, 2022**

- (54) **MULTI-FUNCTION CHARGER**
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- (72) Inventor: **Huaixue Yang**, Jiayuguan (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/803,336**
- (22) Filed: **Aug. 12, 2021**
- (51) **LOC (13) Cl.** **13-02**
- (52) **U.S. Cl.**
USPC **D13/107**
- (58) **Field of Classification Search**
USPC D13/107-110, 118, 119, 184, 199, 133,
D13/144, 146, 147, 151, 153, 154, 155;
D14/433, 435.1
CPC Y02E 60/12; H02J 7/025; H02J 7/0042;
H02J 7/0044; H02J 7/0045; H02J 7/0003;
H02J 7/0027; H02J 7/0013; H02J 7/0054;
H02J 7/00; H02J 2001/008; H02J 3/32;
H02J 3/008; H01F 38/14; H01R 13/6675;
H01M 2/1022; H01M 2/1055; H01M
10/44; H01M 10/46; H01M 10/425; B60L
11/182; B60L 11/1809; B60L 11/1861;
B60R 16/03
See application file for complete search history.

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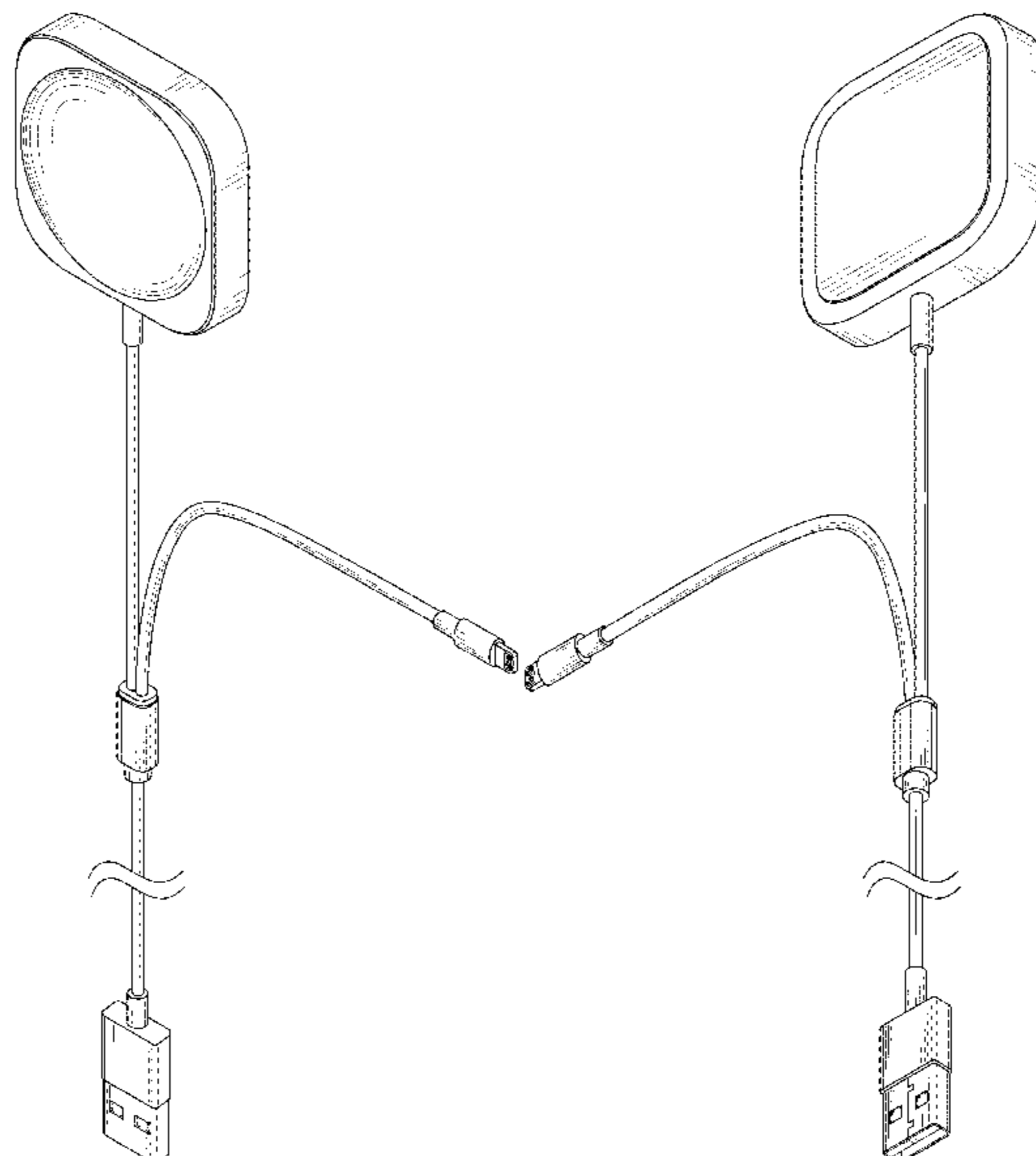
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front, right perspective view of a multi-function charger showing my new design;
 FIG. 2 is a bottom, rear, left 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 plan view thereof, showing the charger in a first state of use; and,
 FIG. 10 is a top plan view thereof, showing the charger in a second state of use.
 The broken lines illustrating a watch in FIGS. 9 and 10 are for the purpose of illustrating environmental subject matter that forms no part of the claimed design. The remaining broken lines are for the purpose of illustrating portions of the article that form no part of the claimed design. The multi-function charger is shown with symbolic breaks in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



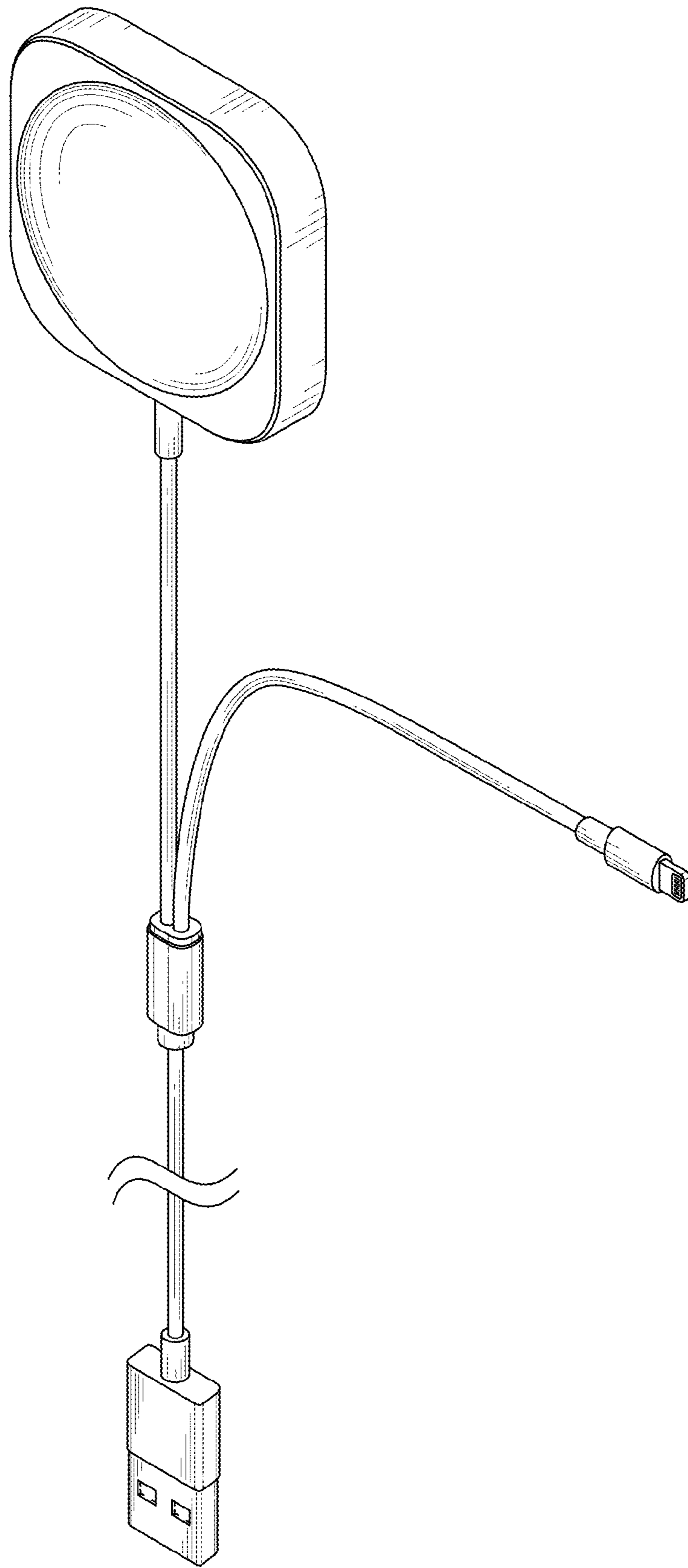


FIG. 1

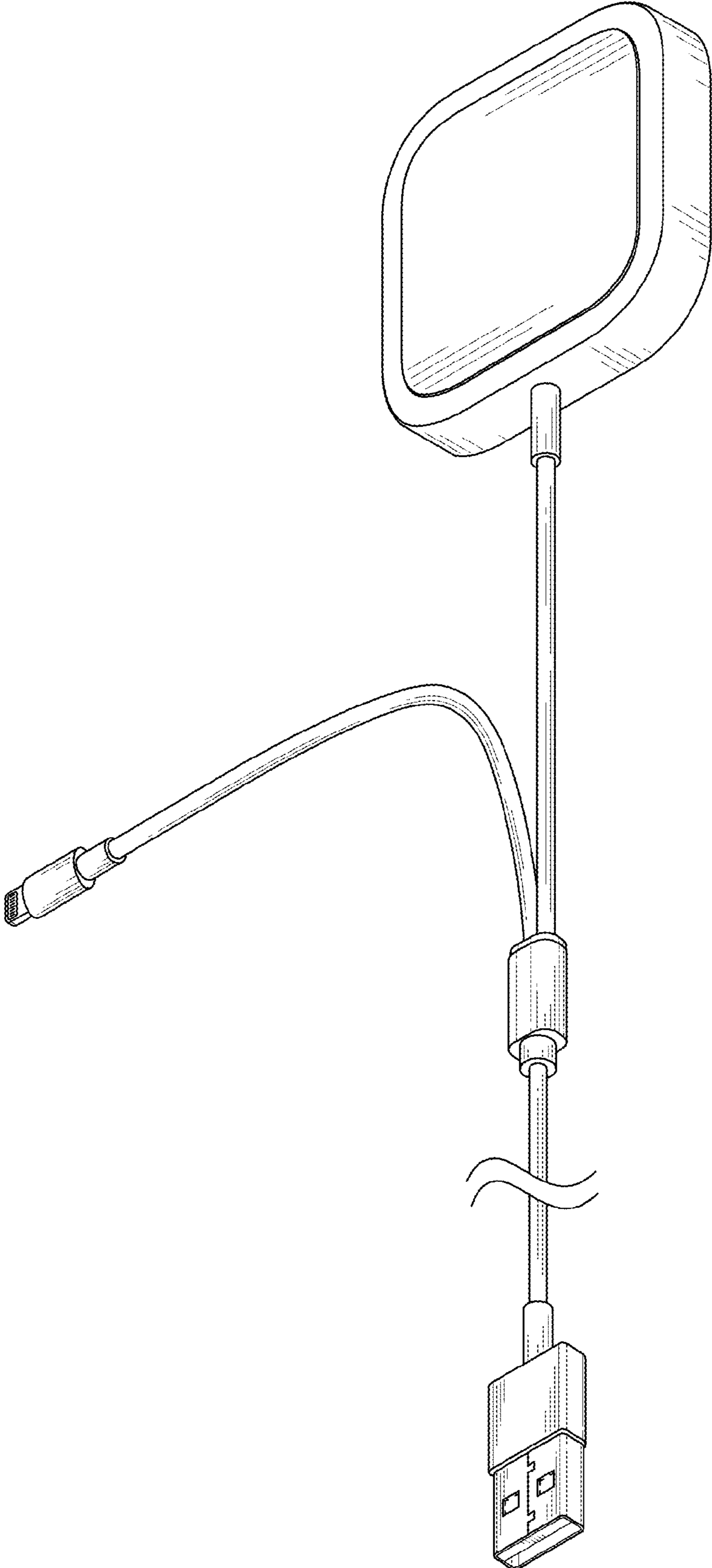


FIG. 2

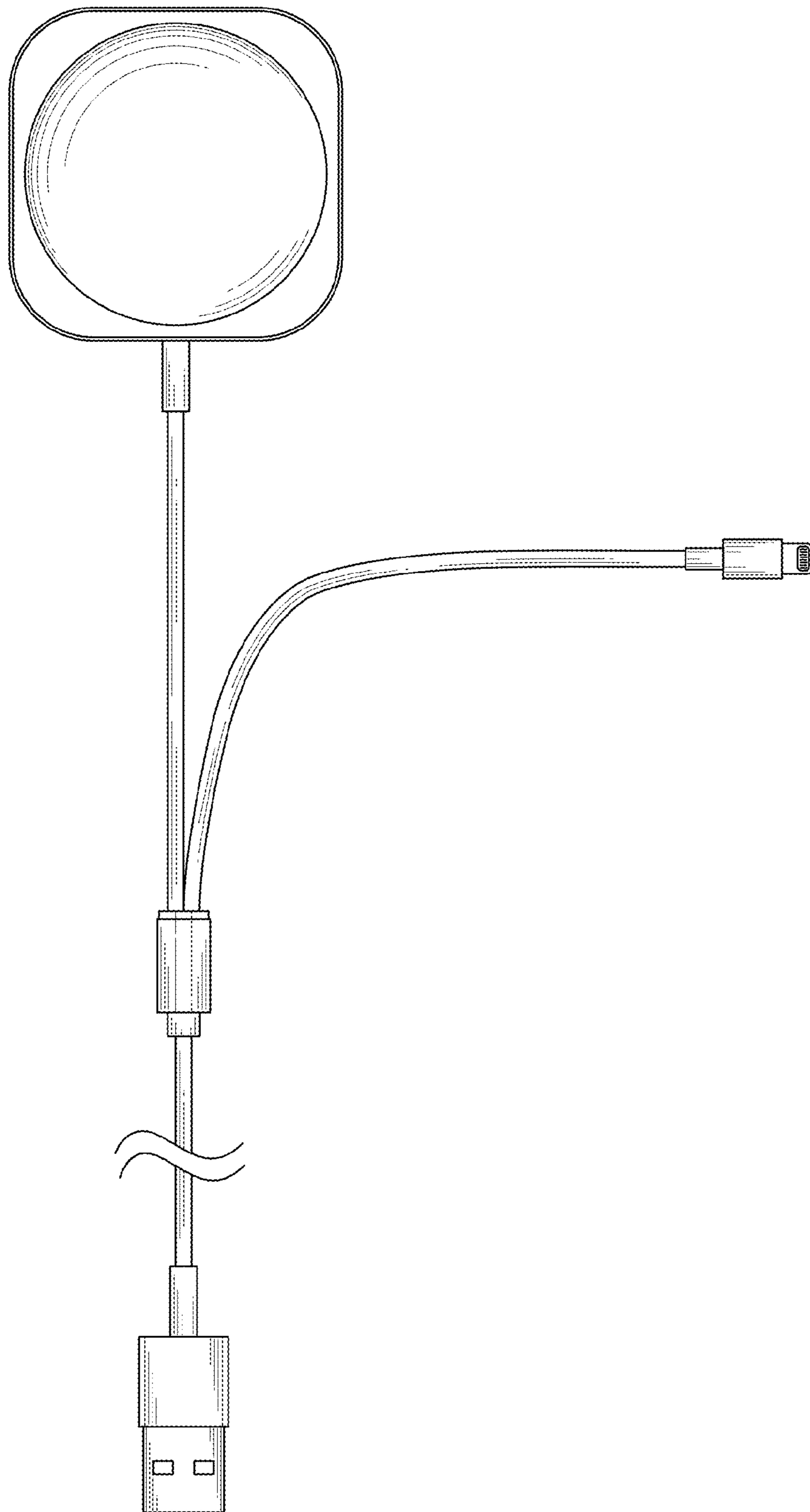


FIG. 3

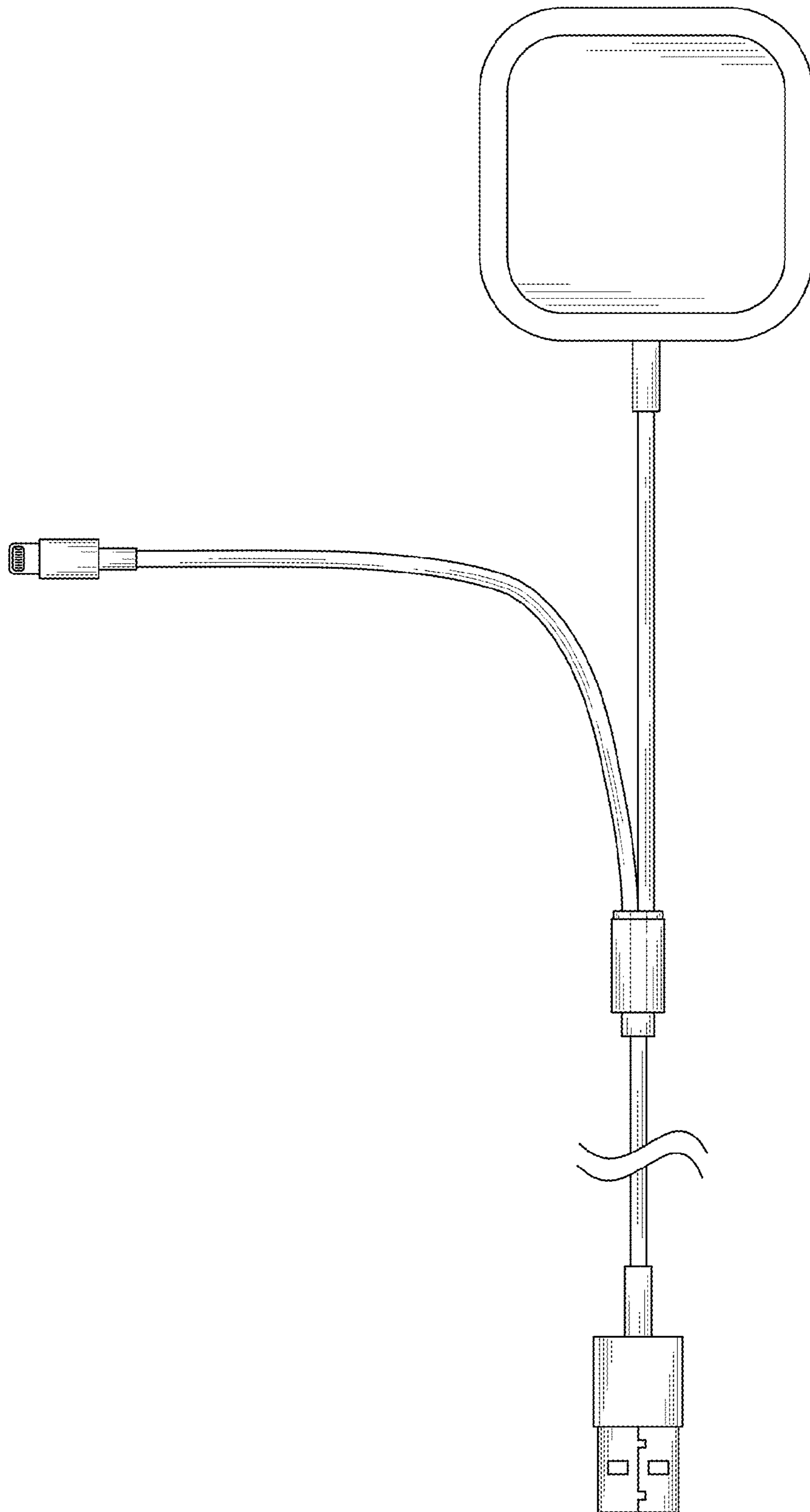


FIG. 4

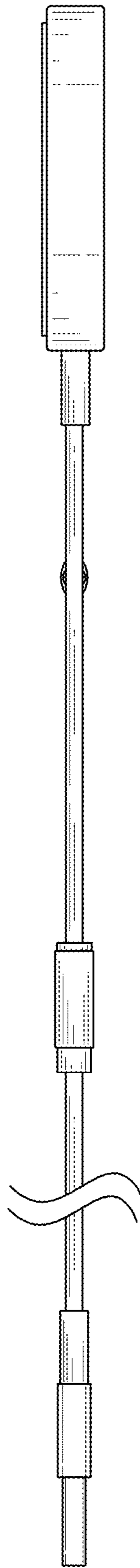


FIG. 5

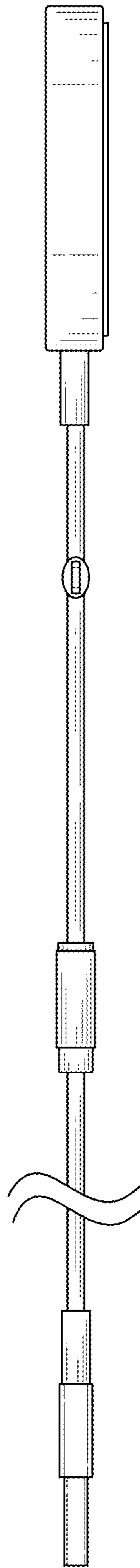


FIG. 6

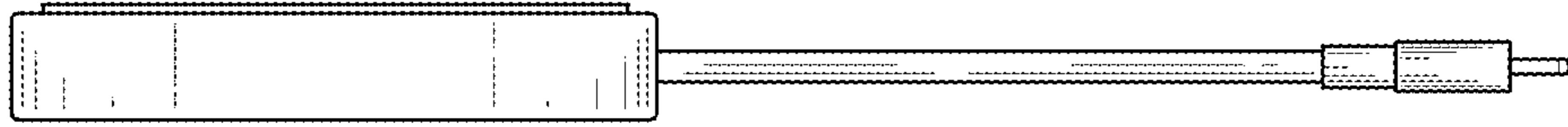


FIG. 7

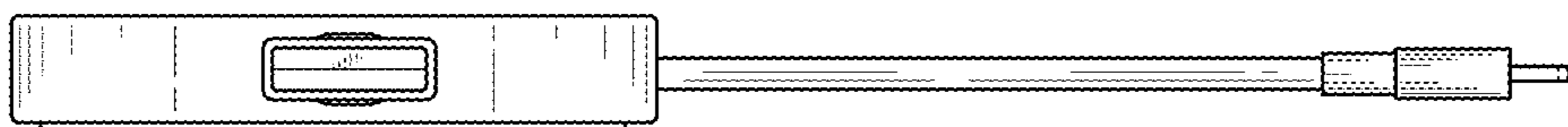


FIG. 8

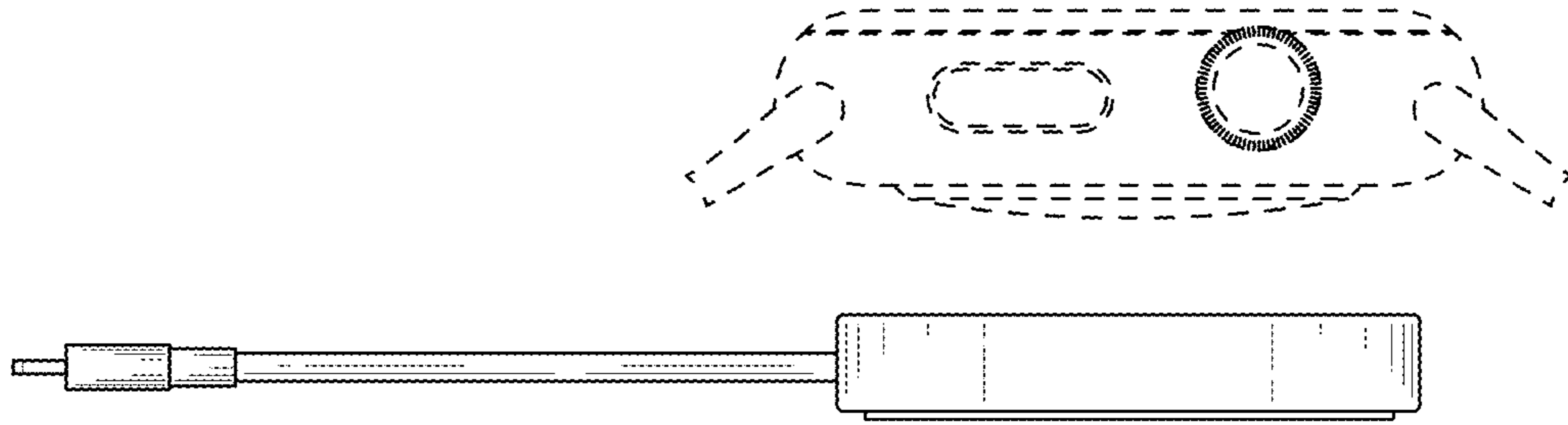


FIG. 9

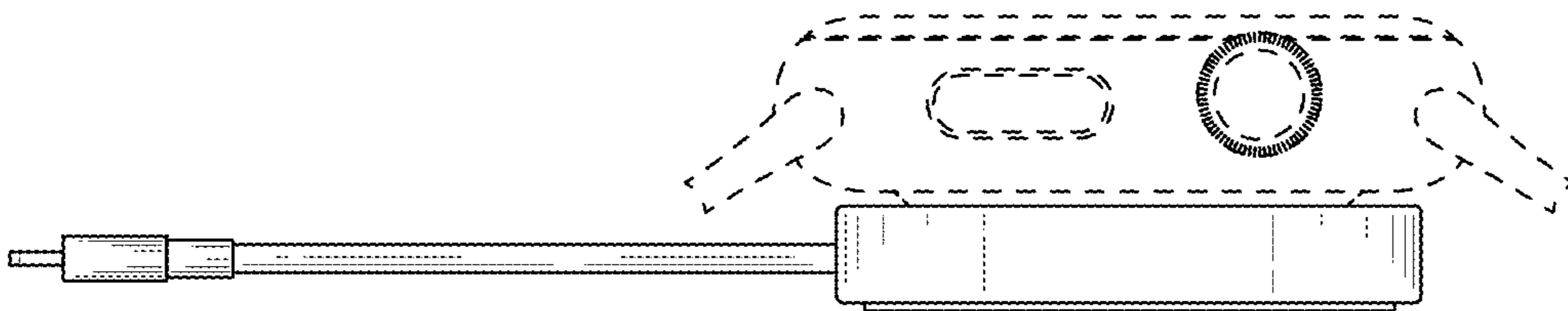


FIG. 10