



US00D808832S

(12) **United States Design Patent** (10) **Patent No.:** **US D808,832 S**
Engquist et al. (45) **Date of Patent:** **** *Jan. 30, 2018**

(54) **MEASUREMENT SYSTEM WITH
CONTROLLER AND SENSOR HEAD**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/556,280**

(22) Filed: **Feb. 29, 2016**

(51) **LOC (11) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/80**

(58) **Field of Classification Search**
USPC D10/78, 80

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

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324/754.02

* cited by examiner

Primary Examiner — Antoine D Davis

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D. Dothager

(57) **CLAIM**

The ornamental design of a measurement system comprising a controller and a sensor head, as illustrated and described.

DESCRIPTION

FIG. 1 is a perspective view of a measurement system comprising a controller, a sensor head connected via optical

coupling to the controller, and an output plug connected to the controller for outputting signals to a test instrument. The optical coupling, the output plug and a signal probe connected to the sensor head are not claimed as part of the ornamental design and are therefore shown in dashed lines. FIG. 2 is a front perspective view of the controller of FIG. 1.

FIG. 3 is a rear perspective view of the controller of FIG. 1. Dashed line circles indicate screw well covers or feet that are not part of the claimed design.

FIG. 4 is a front elevation view of the controller of FIG. 1.

FIG. 5 is a rear elevation view of the controller of FIG. 1.

FIG. 6 is a right side elevation view of the controller of FIG. 1.

FIG. 7 is a front elevation view of the controller of FIG. 1 wherein the optical coupling and output plug shown in dashed lines appear in cross-section.

FIG. 8 is a rear elevation view of the controller of FIG. 1.

FIG. 9 is a left side elevation view of the controller of FIG. 1.

FIG. 10 is a front perspective view of the sensor head of FIG. 1.

FIG. 11 is a rear perspective view of the sensor head of FIG. 1.

FIG. 12 is a front elevation view of the sensor head of FIG. 1.

FIG. 13 is a rear elevation view of the sensor head of FIG. 1 wherein a screw receptacle shown in dashed line is not part of the claimed design.

FIG. 14 is a right side elevation view of the sensor head of FIG. 1.

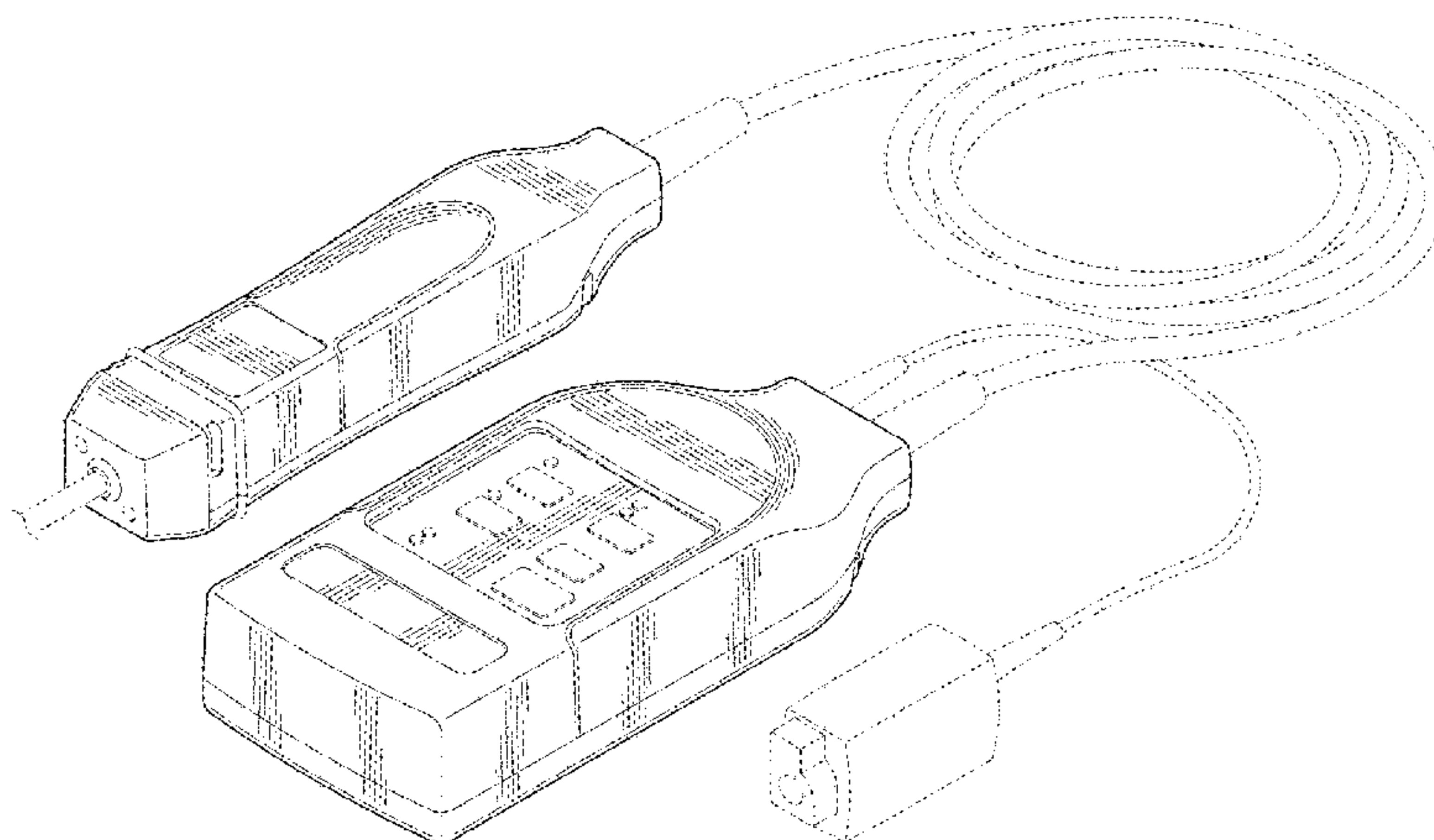
FIG. 15 is a front elevation view of the sensor head of FIG. 1 wherein the optical coupling shown in dashed lines appears in cross-section.

FIG. 16 is a rear elevation view of the sensor head of FIG. 1 wherein the probe shown in dashed lines appears in cross-section; and,

FIG. 17 is a left side elevation view of the sensor head of FIG. 1.

Also, control buttons and light indicators are shown in the display area of the controller for illustrative purposes, not as part of the claimed design, and are therefore also shown in dashed lines.

1 Claim, 9 Drawing Sheets



(58) **Field of Classification Search**

CPC G01R 1/04; G01R 1/0408; G01R 1/06;
G01R 1/067; G01R 1/06788; G01R
1/06794; G01R 1/07; G01R 1/071; G01R
1/072; G01R 27/2676; G01G 15/18

See application file for complete search history.

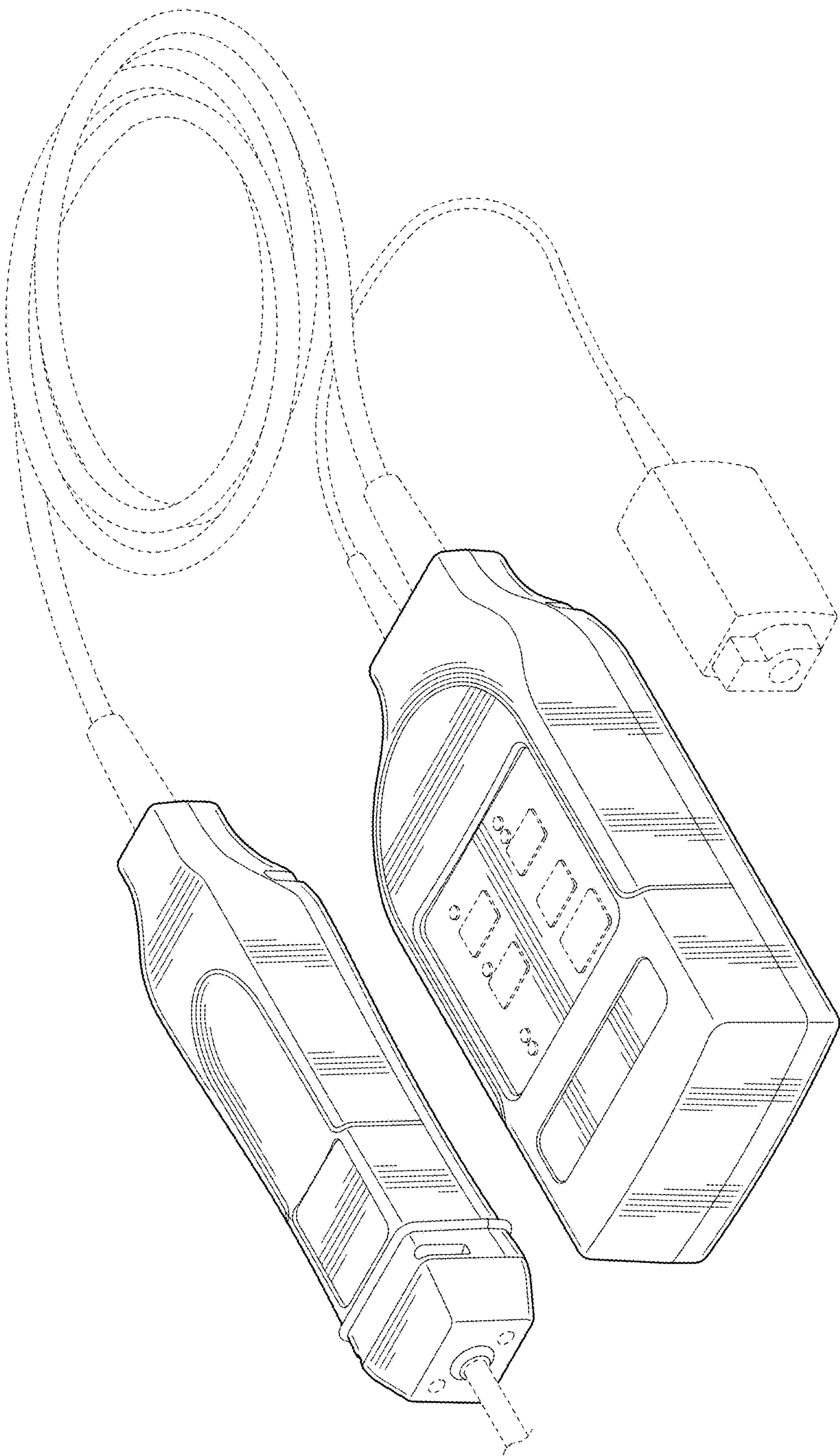


FIG. 1

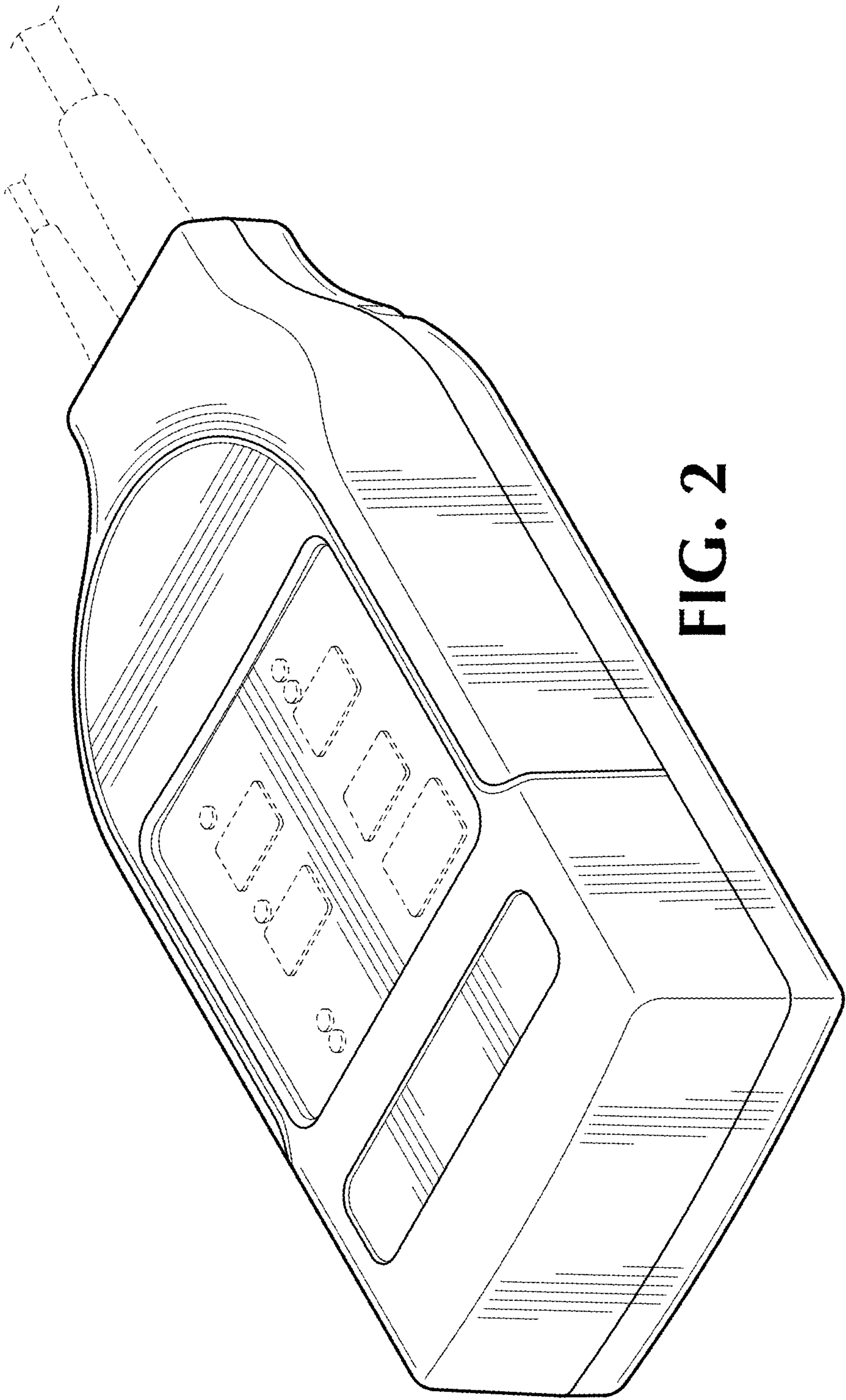
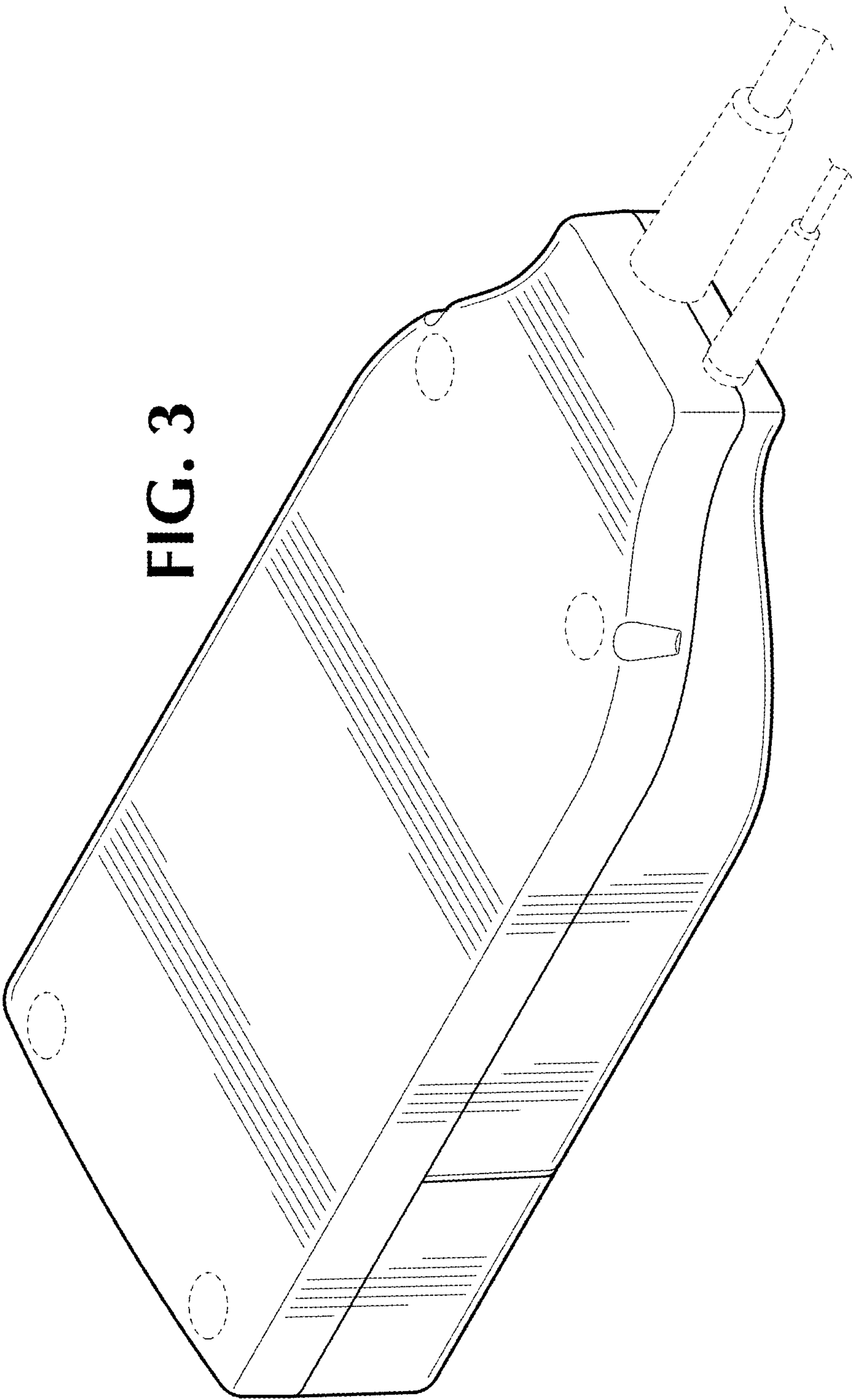


FIG. 2



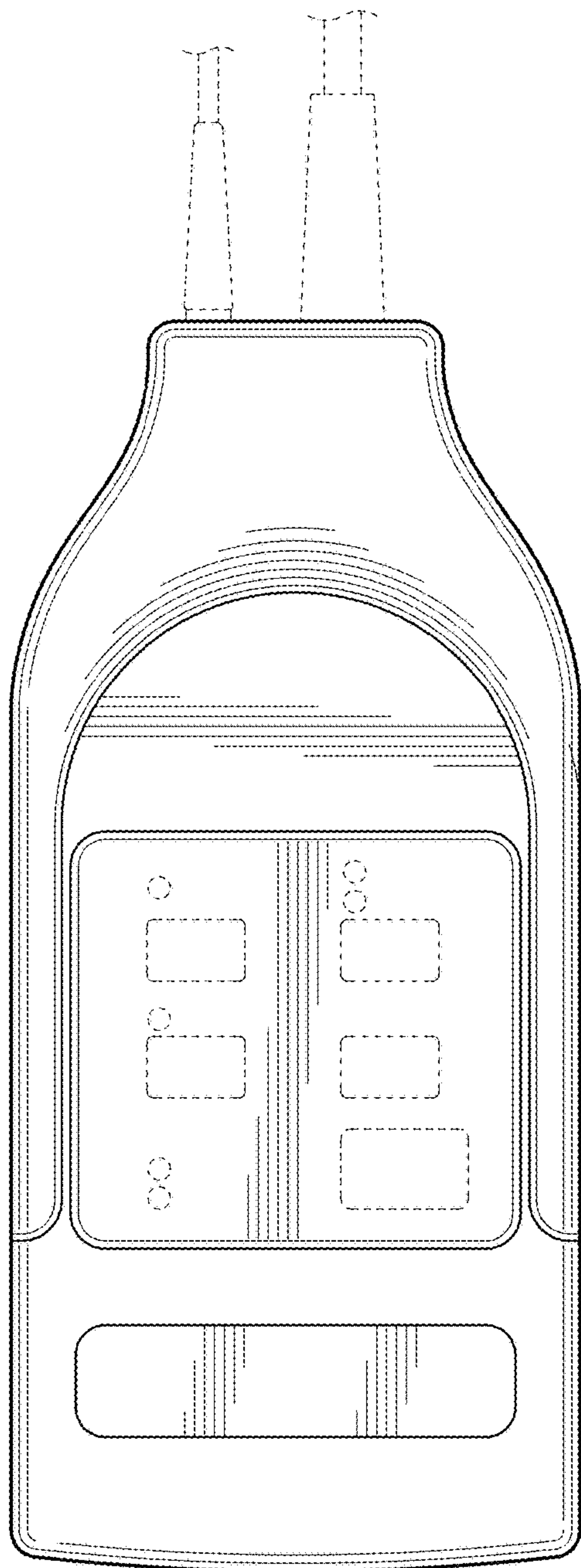


FIG. 4

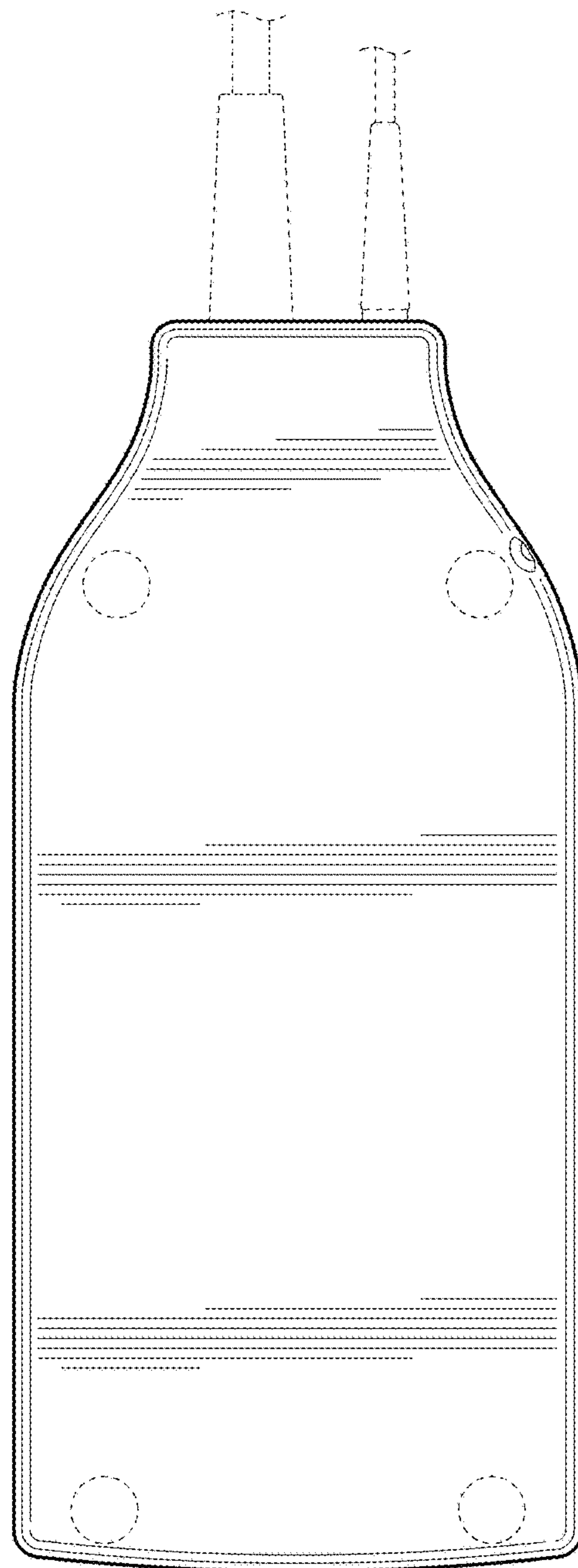


FIG. 5

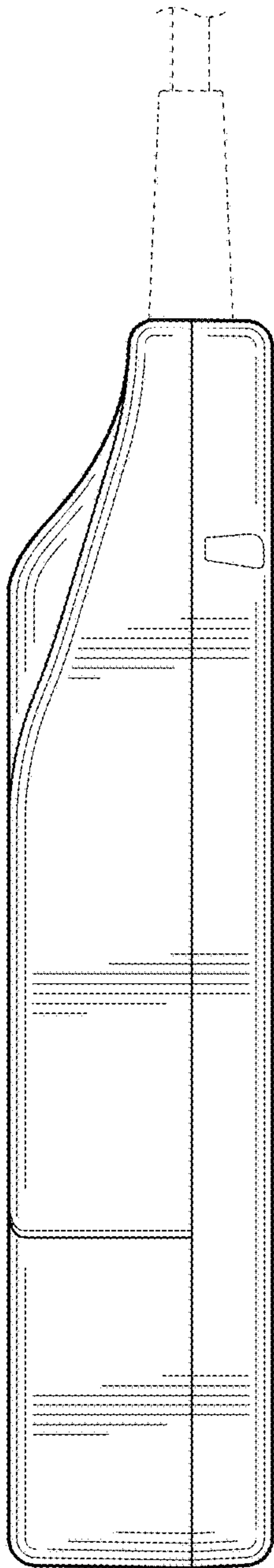


FIG. 6

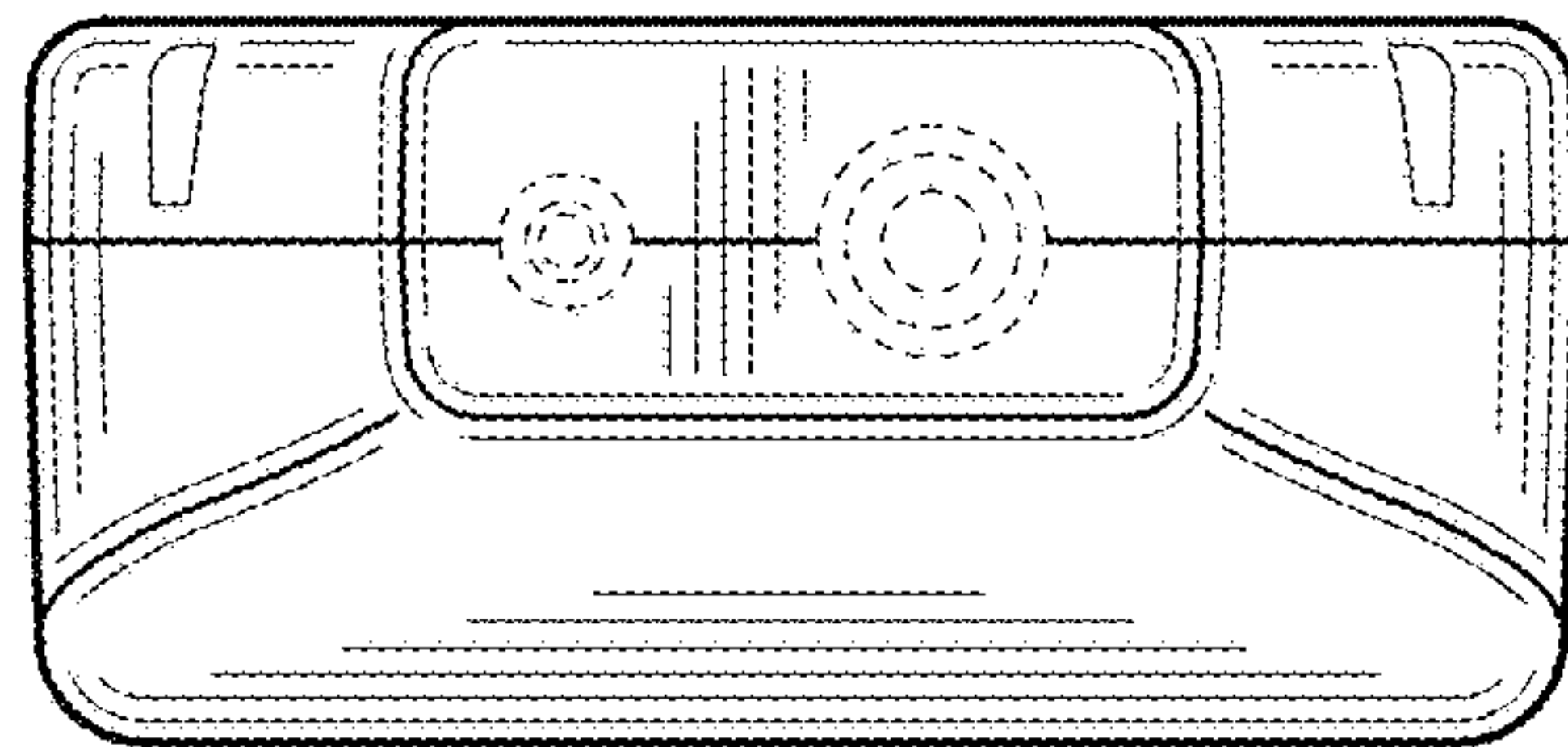


FIG. 7

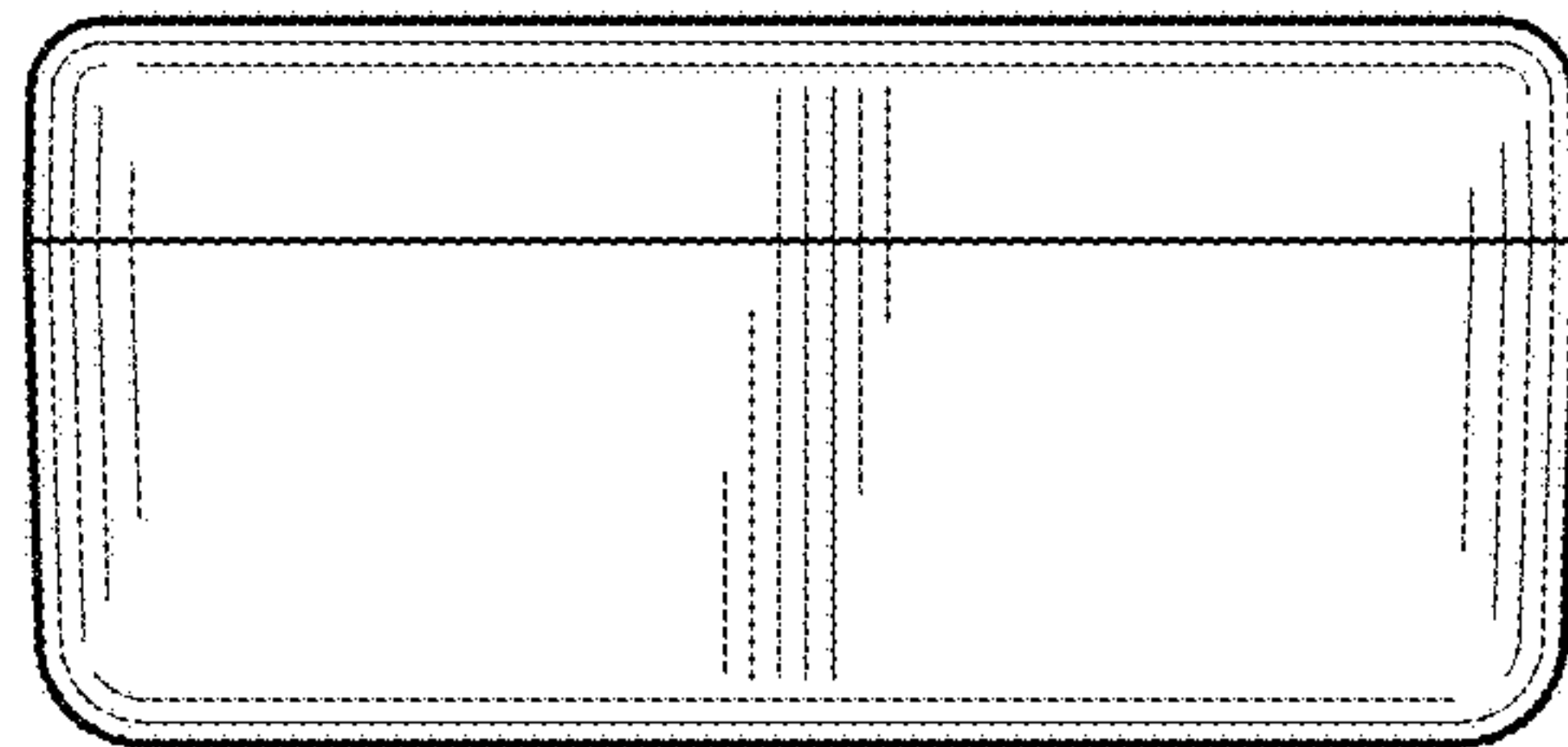


FIG. 8

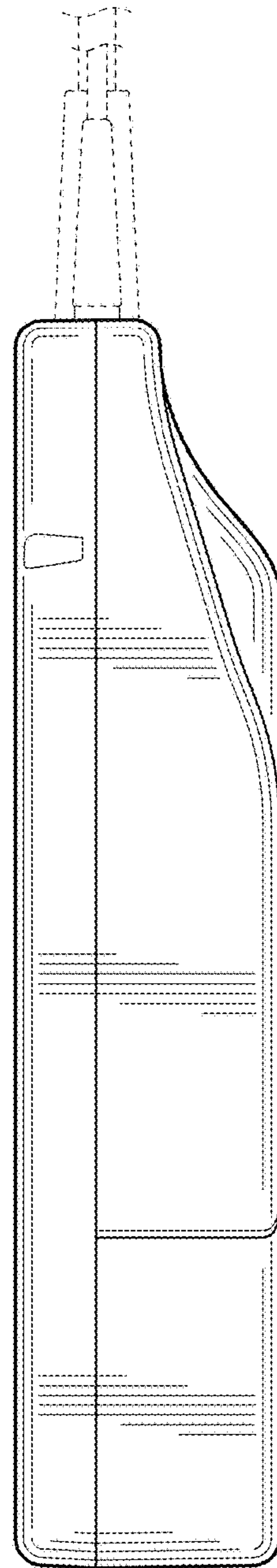


FIG. 9

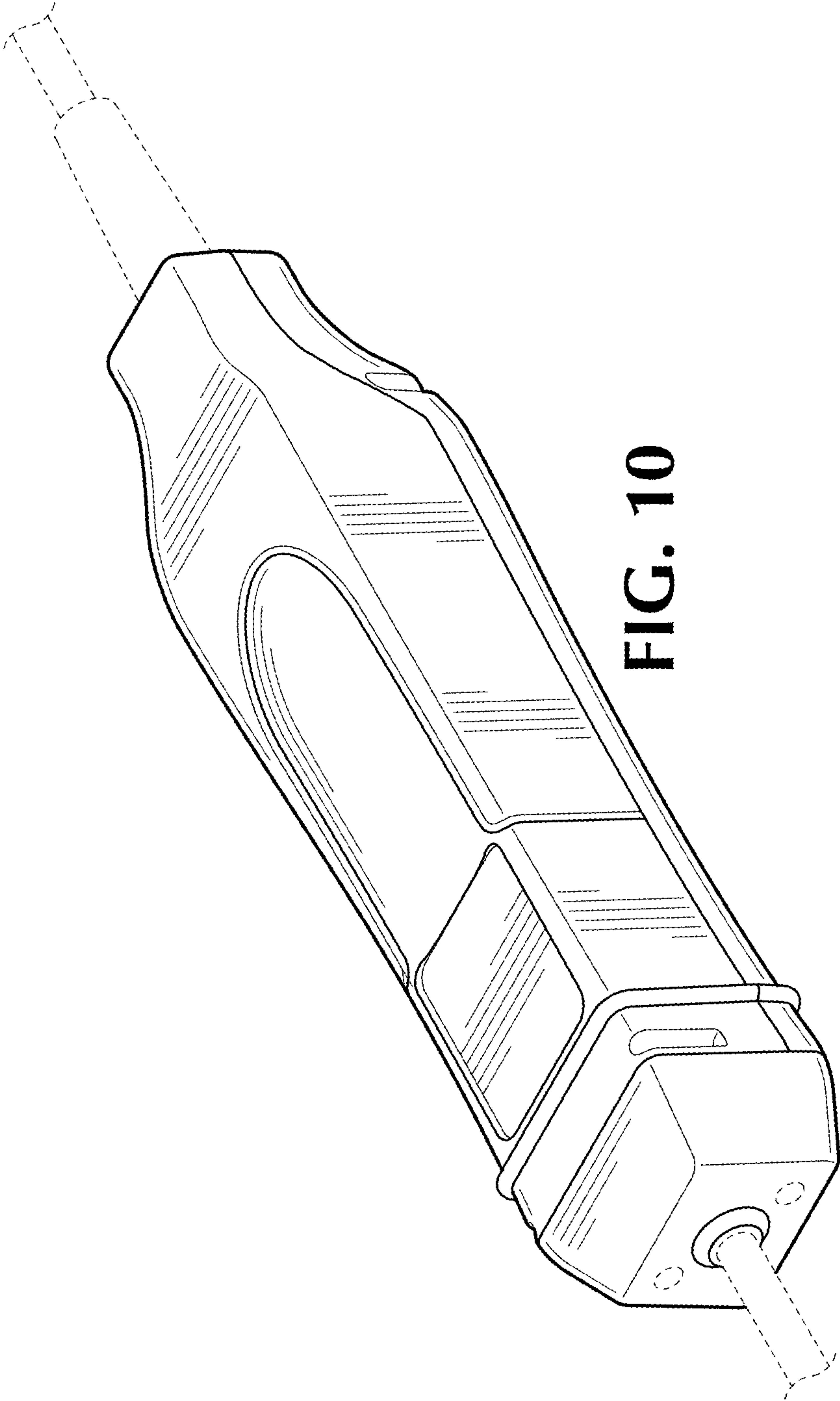


FIG. 10

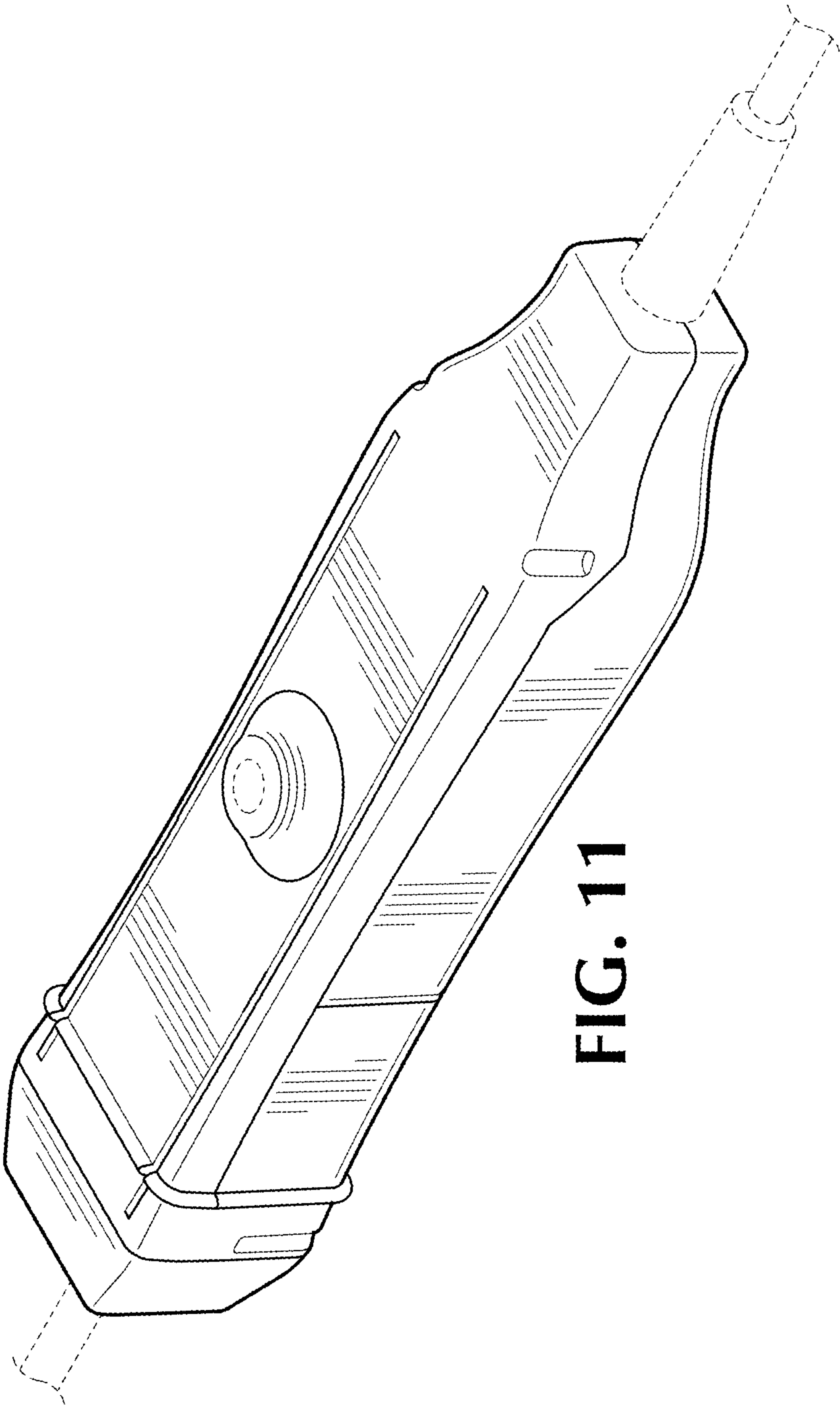


FIG. 11

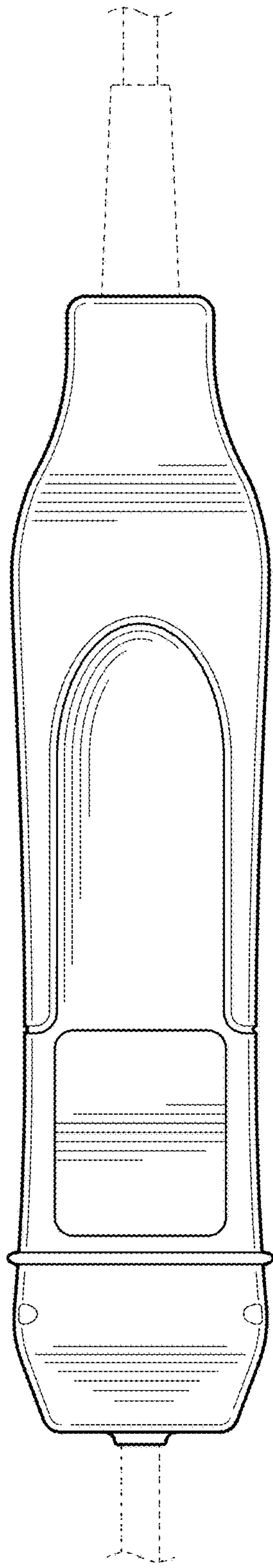


FIG. 12

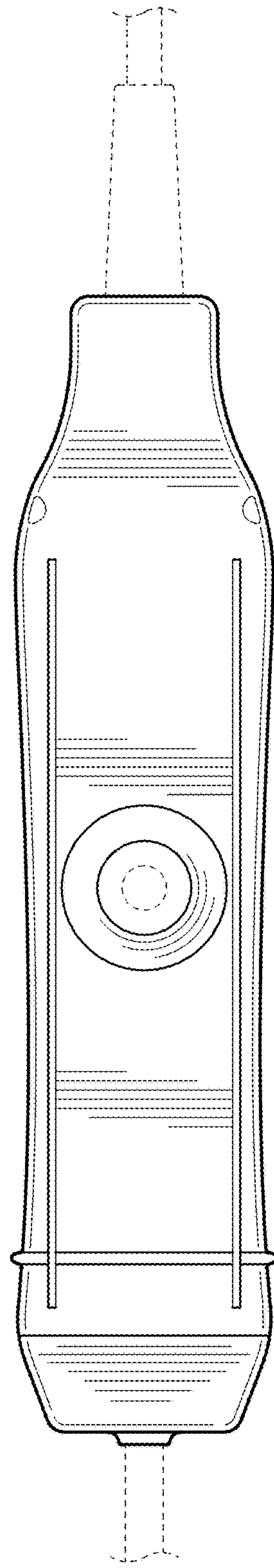


FIG. 13

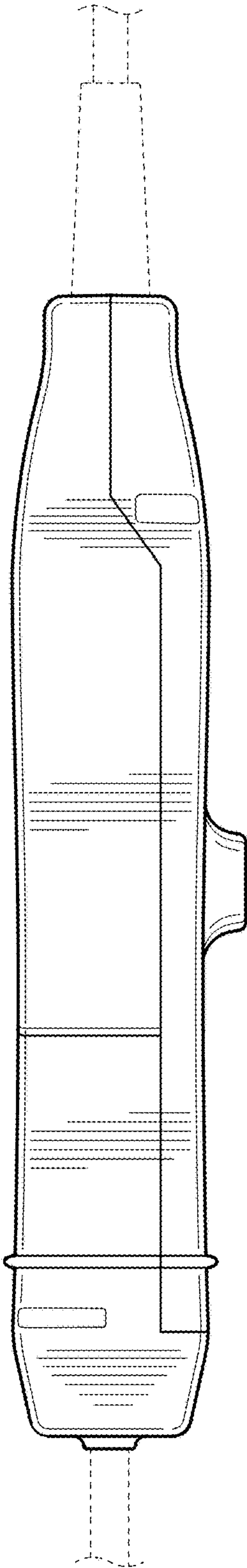


FIG. 14

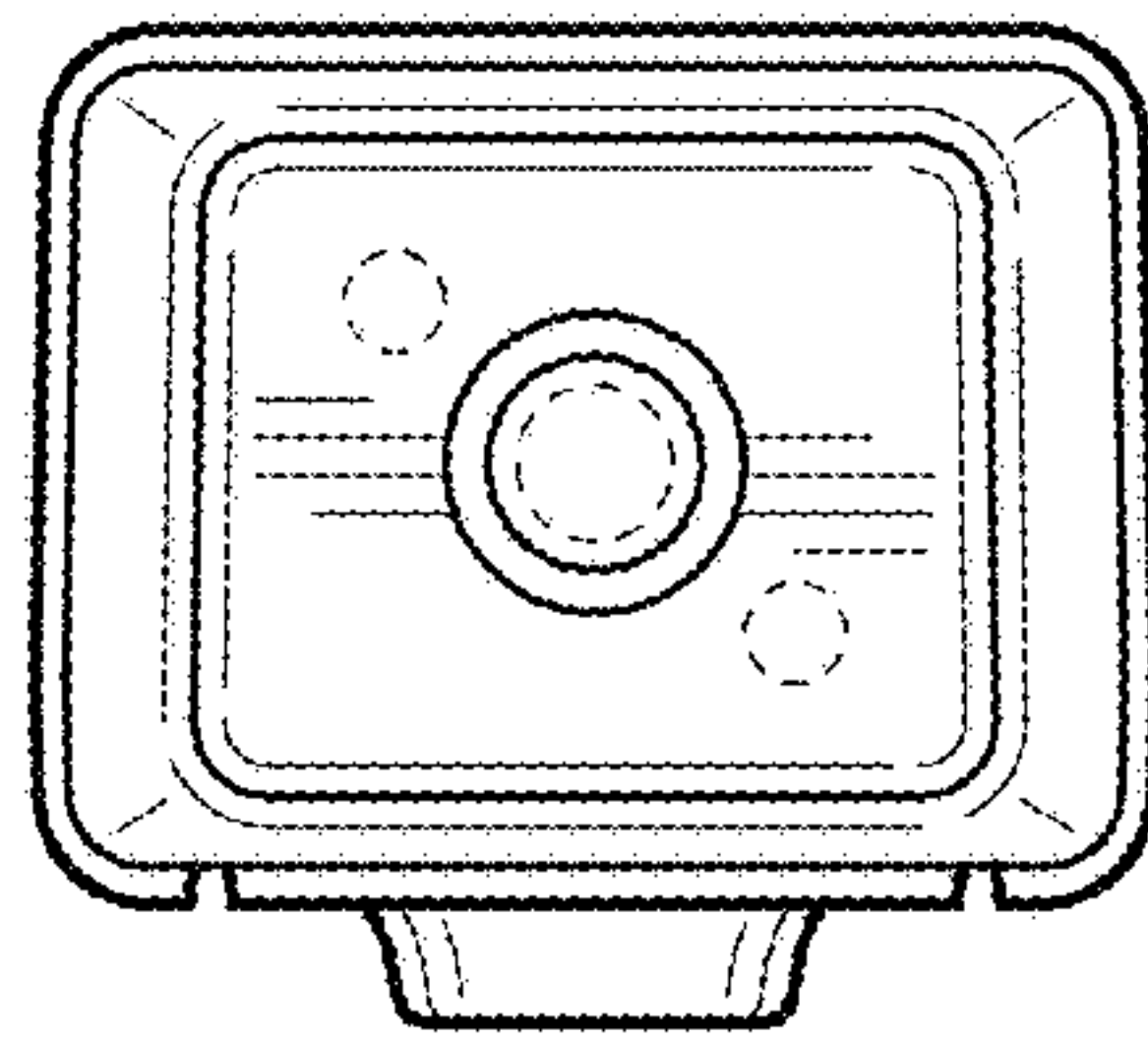


FIG. 15

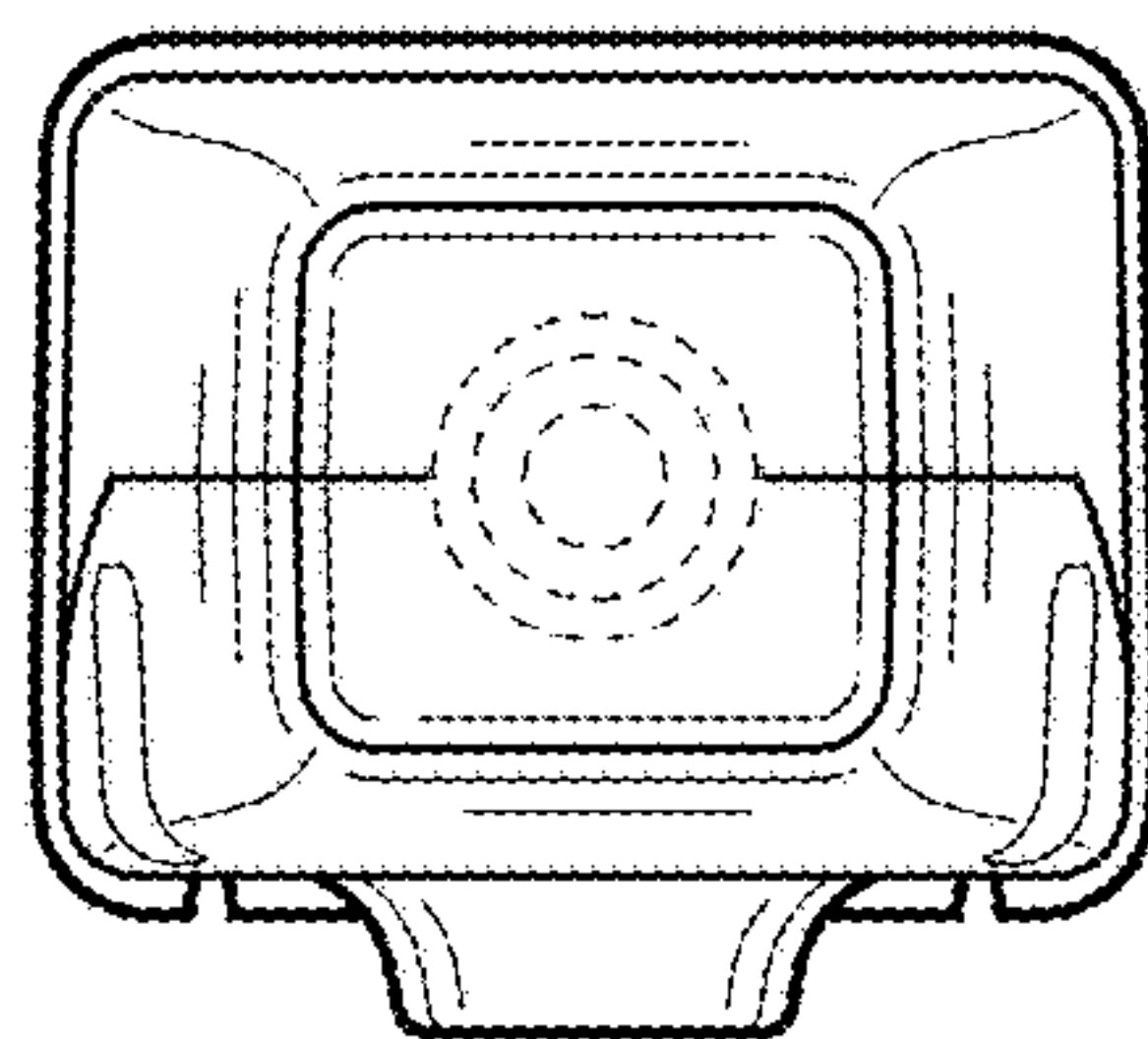


FIG. 16

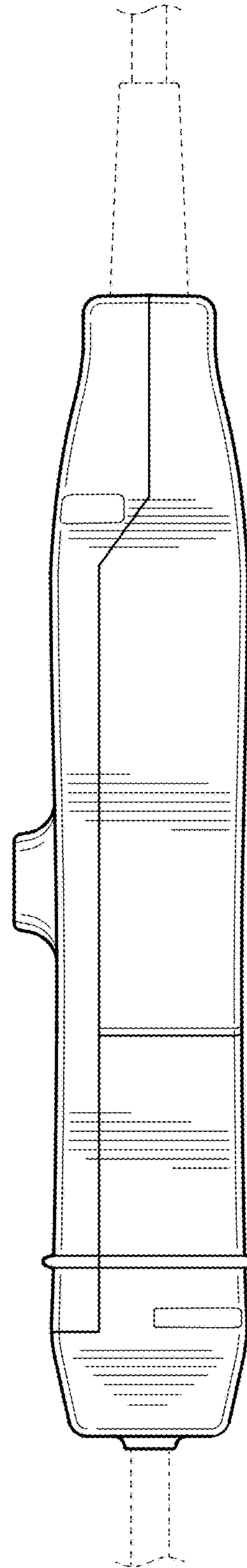


FIG. 17