



US00D918062S

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

(10) **Patent No.:** **US D918,062 S**  
(45) **Date of Patent:** **\*\* May 4, 2021**

- (54) **METAL DETECTOR**
  - (71) Applicant: **SHANGHAI 21ST CENTURY ELECTRONIC EQUIPMENT CO., LTD.**, Shanghai (CN)
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  - (73) Assignee: **SHANGHAI 21ST CENTURY ELECTRONIC EQUIPMENT CO., LTD.**, Shanghai (CN)
  - (\*\*) Term: **15 Years**
  - (21) Appl. No.: **29/762,763**
  - (22) Filed: **Dec. 18, 2020**
  - (51) **LOC (13) Cl.** ..... **10-04**
  - (52) **U.S. Cl.**  
USPC ..... **D10/47**
  - (58) **Field of Classification Search**  
USPC ..... D10/47  
CPC ... G01V 3/00; G01V 3/02; G01V 3/04; G01V 3/06; G01V 3/08; G01V 3/081; G01V 3/082; G01V 3/083; G01V 2003/084; G01V 2003/085; G01V 2003/086; G01V 3/087; G01V 3/088; G01V 3/10; G01V 3/101; G01V 3/102; G01V 3/104; G01V 3/105; G01V 3/107; G01V 3/108; G01V 3/12; G01V 3/14; G01V 3/15; G01V 3/16; G01V 3/165; G01V 3/17; G01V 3/175; G01V 3/18; G01V 3/20; G01V 3/22; G01V 3/24; G01V 3/26; G01V 3/265; G01V 3/28; G01V 3/30; G01V 3/32; G01V 3/34; G01V 3/36; G01V 3/38; G01V 3/40
- See application file for complete search history.

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(Continued)

*Primary Examiner* — Antoine Duval Davis

(57) **CLAIM**

The ornamental design for a metal detector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a metal detector showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a top plan view thereof; and

FIG. 8 is a bottom plan view thereof

FIG. 9 is a perspective view of the metal detector where the metal detector is in a configuration of use;

FIG. 10 is an enlarged view of portion 10 shown in FIG. 1;

FIG. 11 is an enlarged view of portion 11 shown in FIG. 1;

FIG. 12 is an enlarged view of portion 12 shown in FIG. 2; and,

FIG. 13 is an enlarged view of portion 13 shown in FIG. 2.

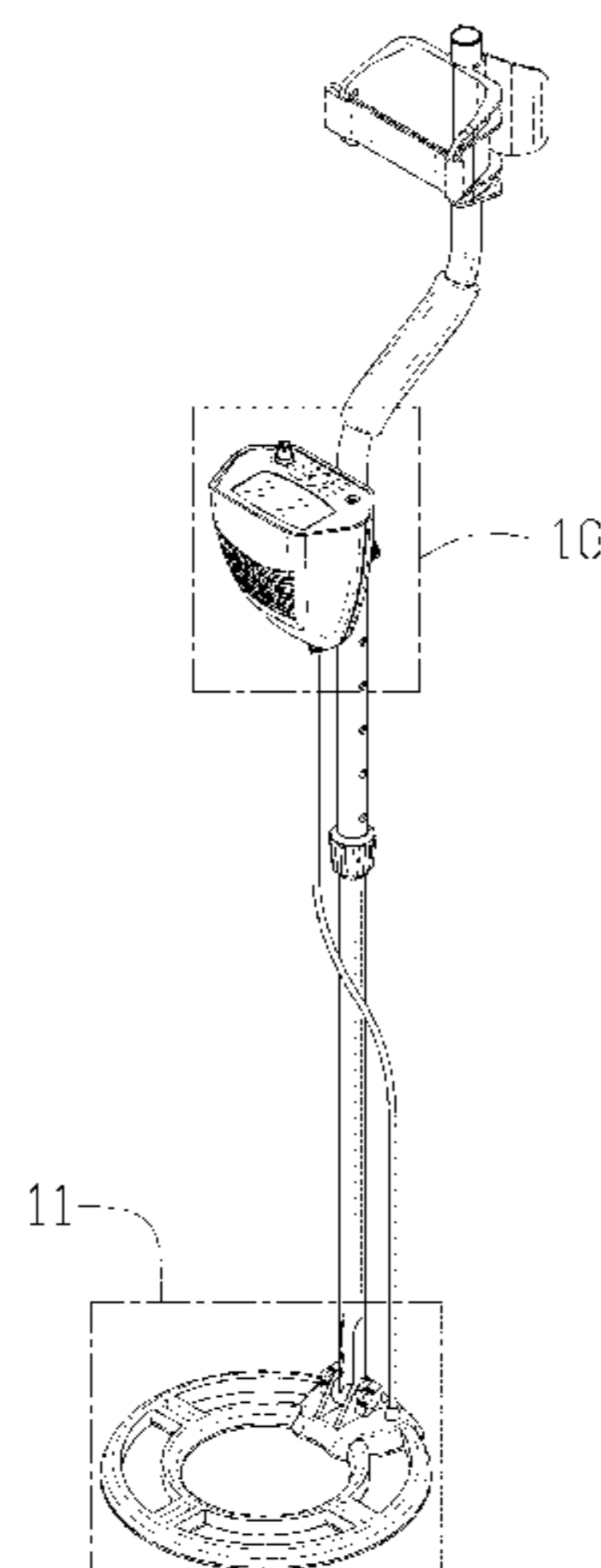
The broken lines in the drawings depict portions of the metal detector that form no part of the claimed design.

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**1 Claim, 13 Drawing Sheets**



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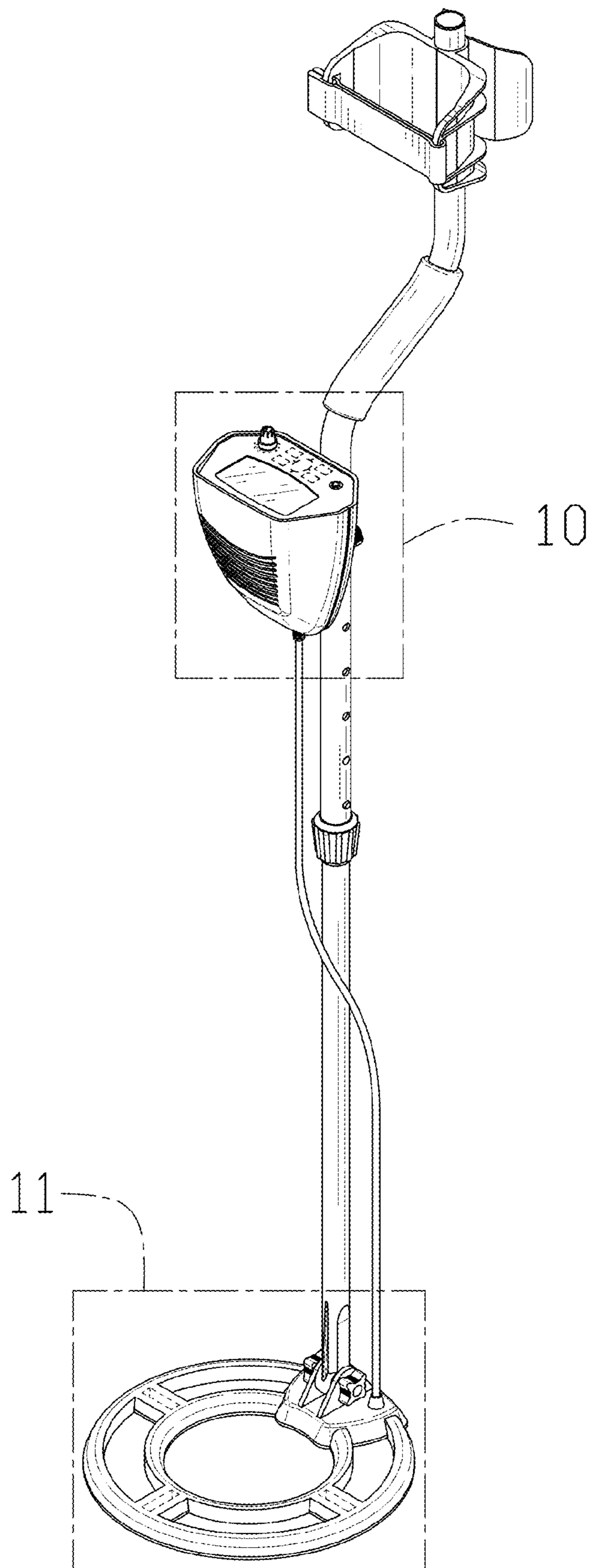


FIG. 1

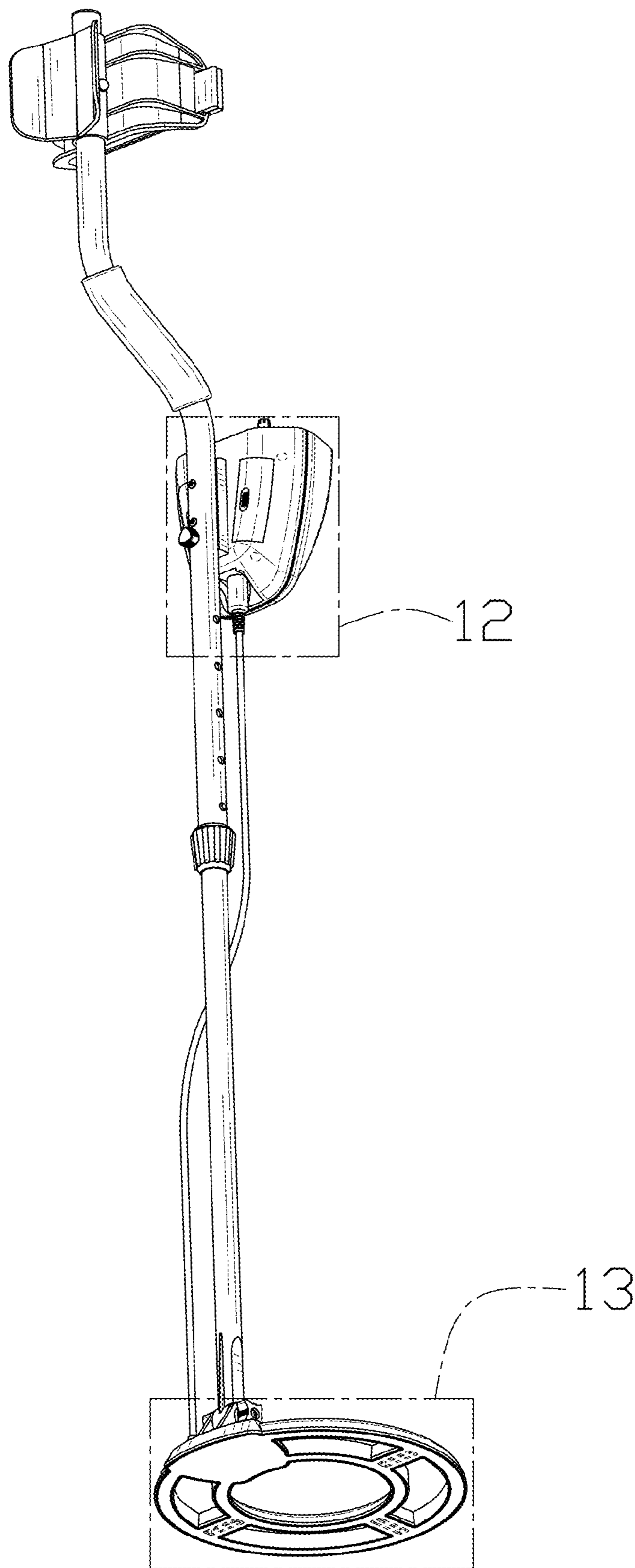


FIG. 2

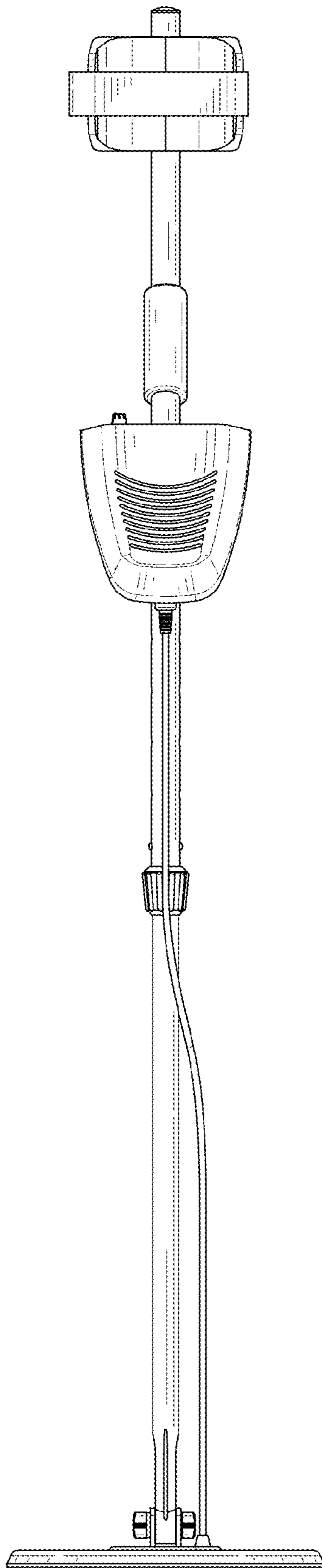


FIG. 3

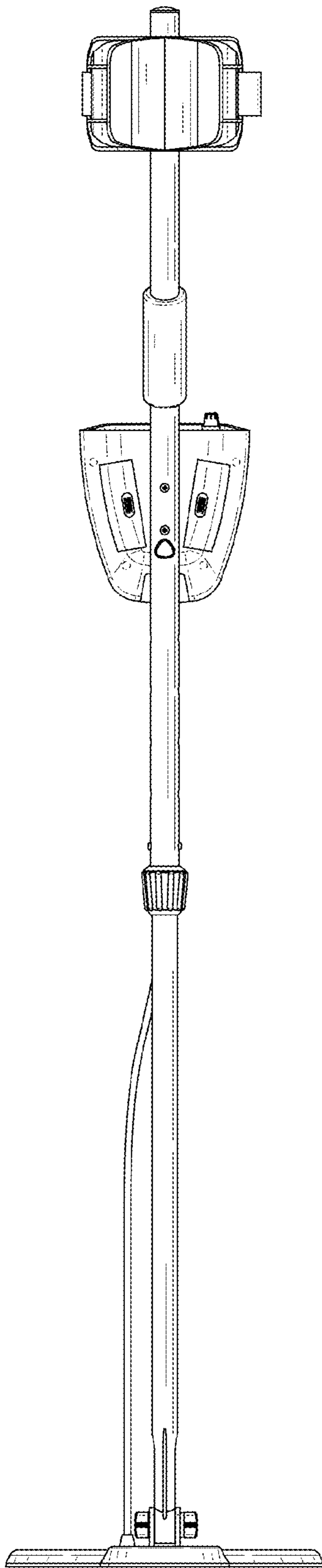


FIG. 4

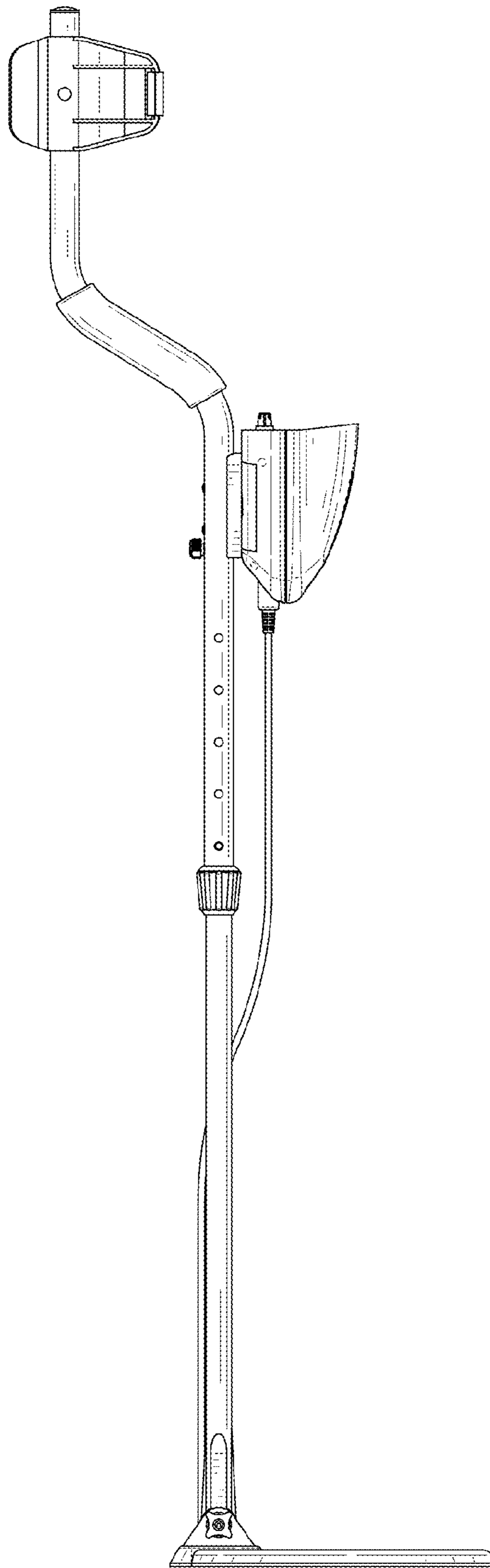


FIG. 5

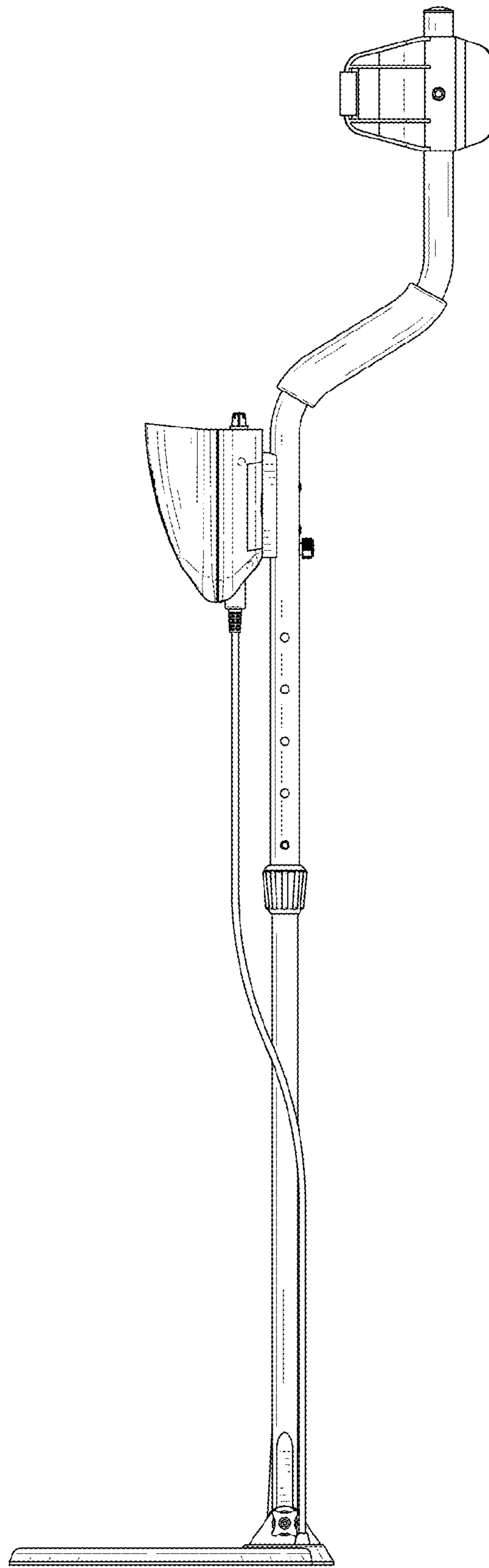


FIG. 6



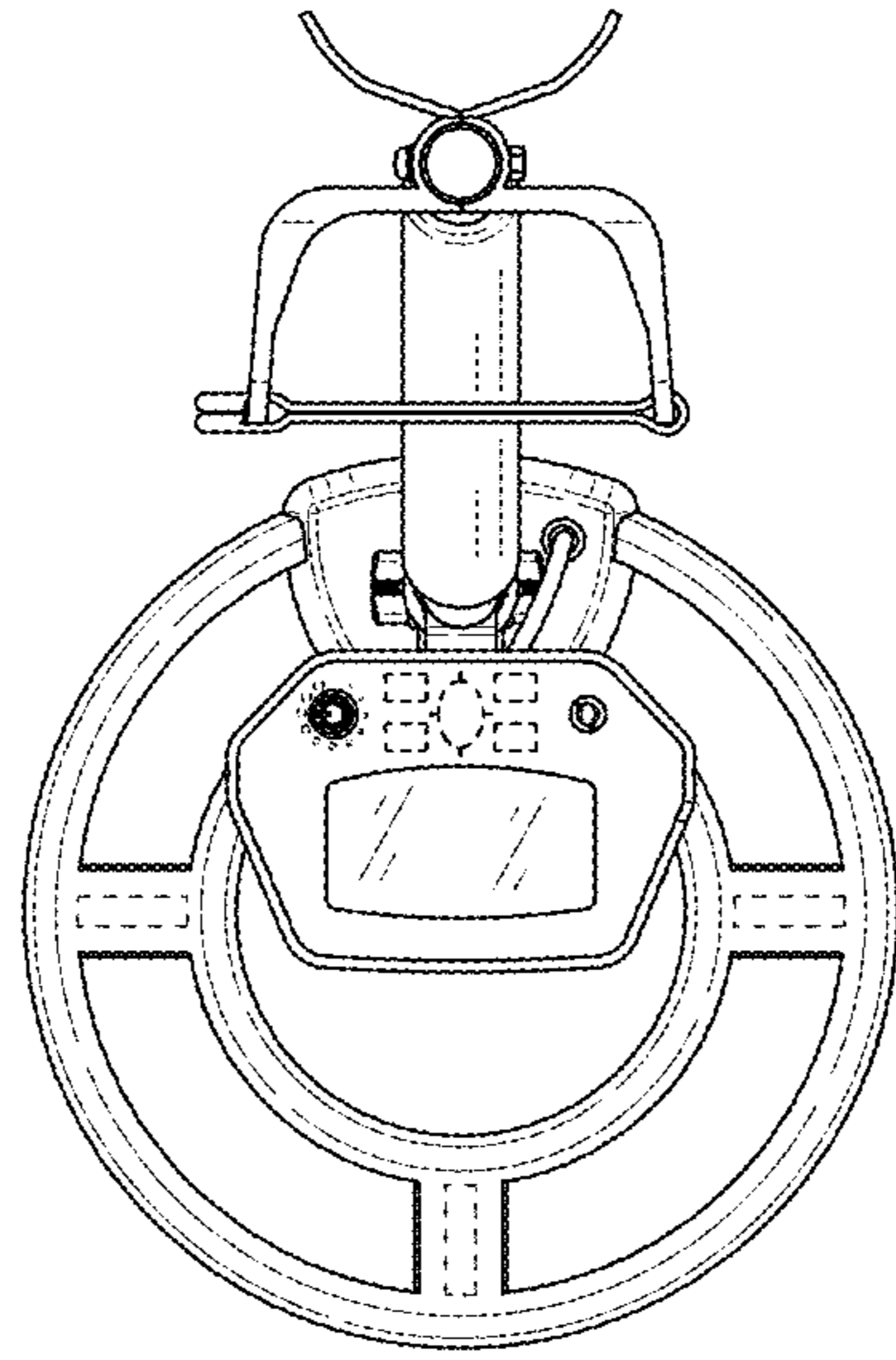


FIG. 7

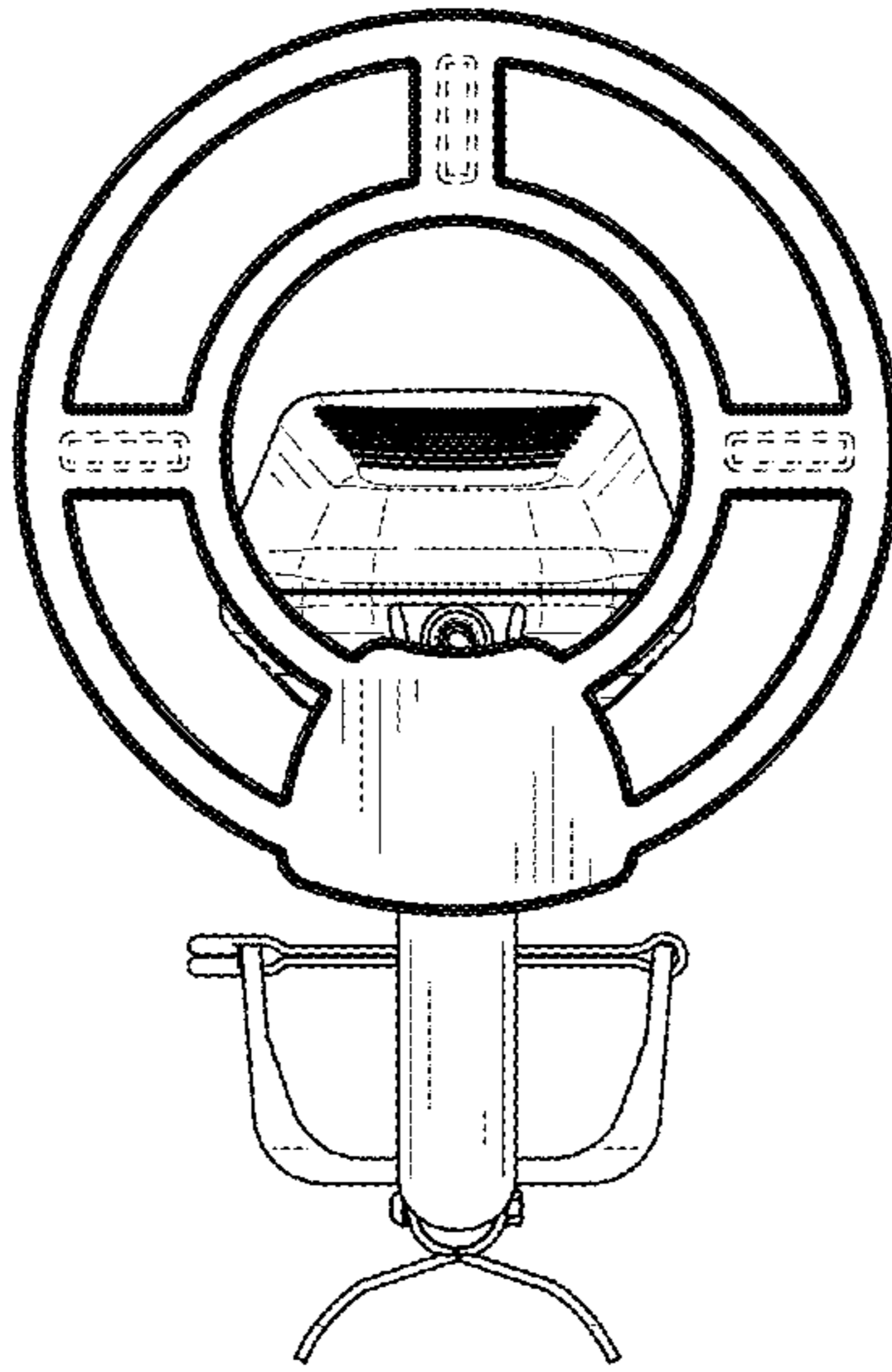


FIG. 8

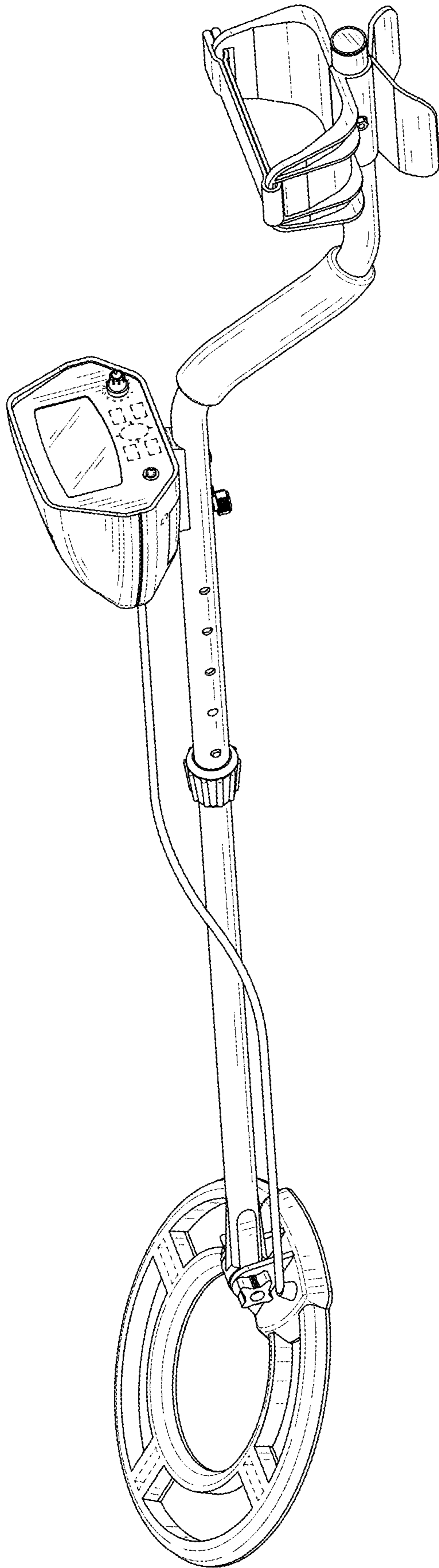


FIG. 9

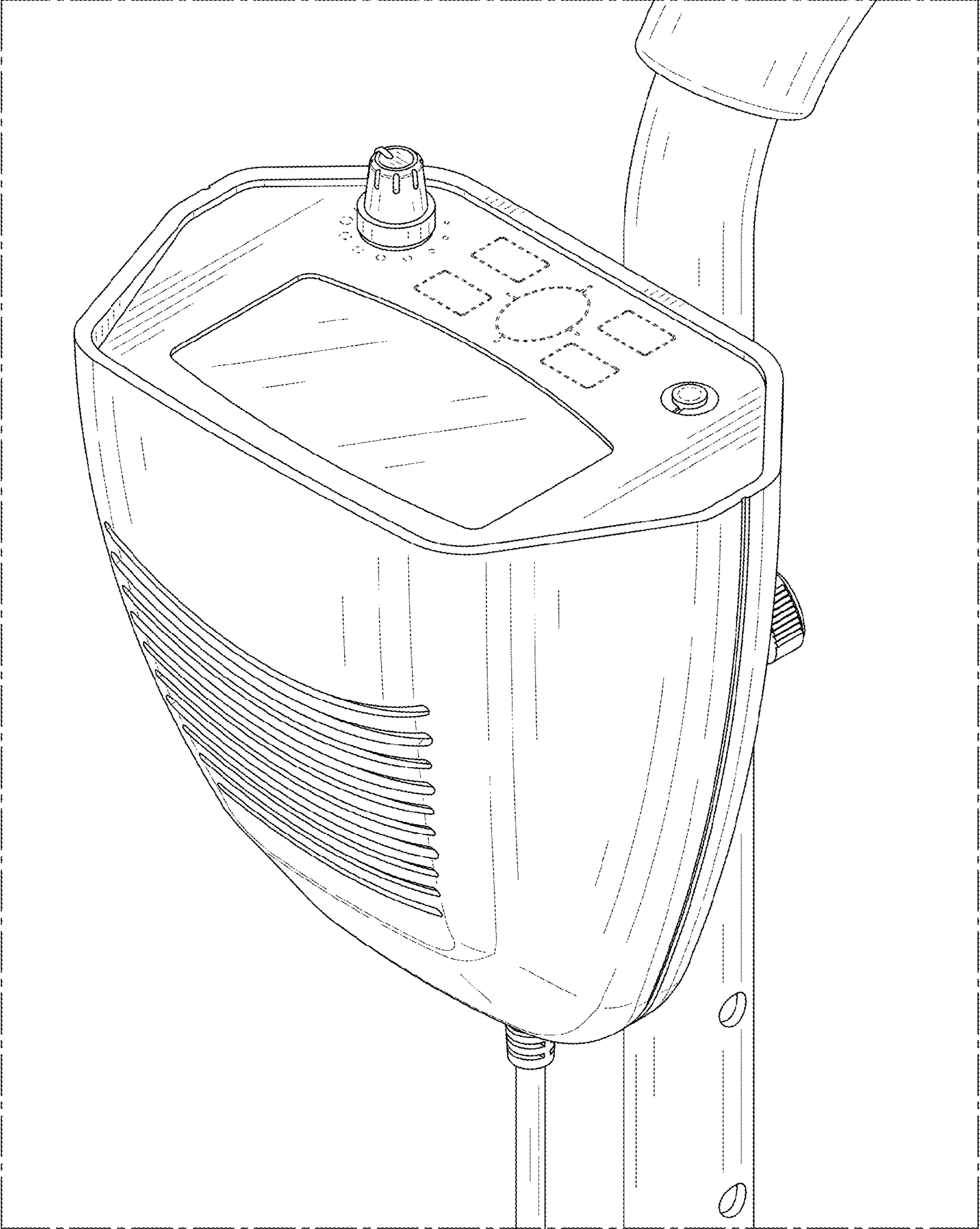


FIG. 10

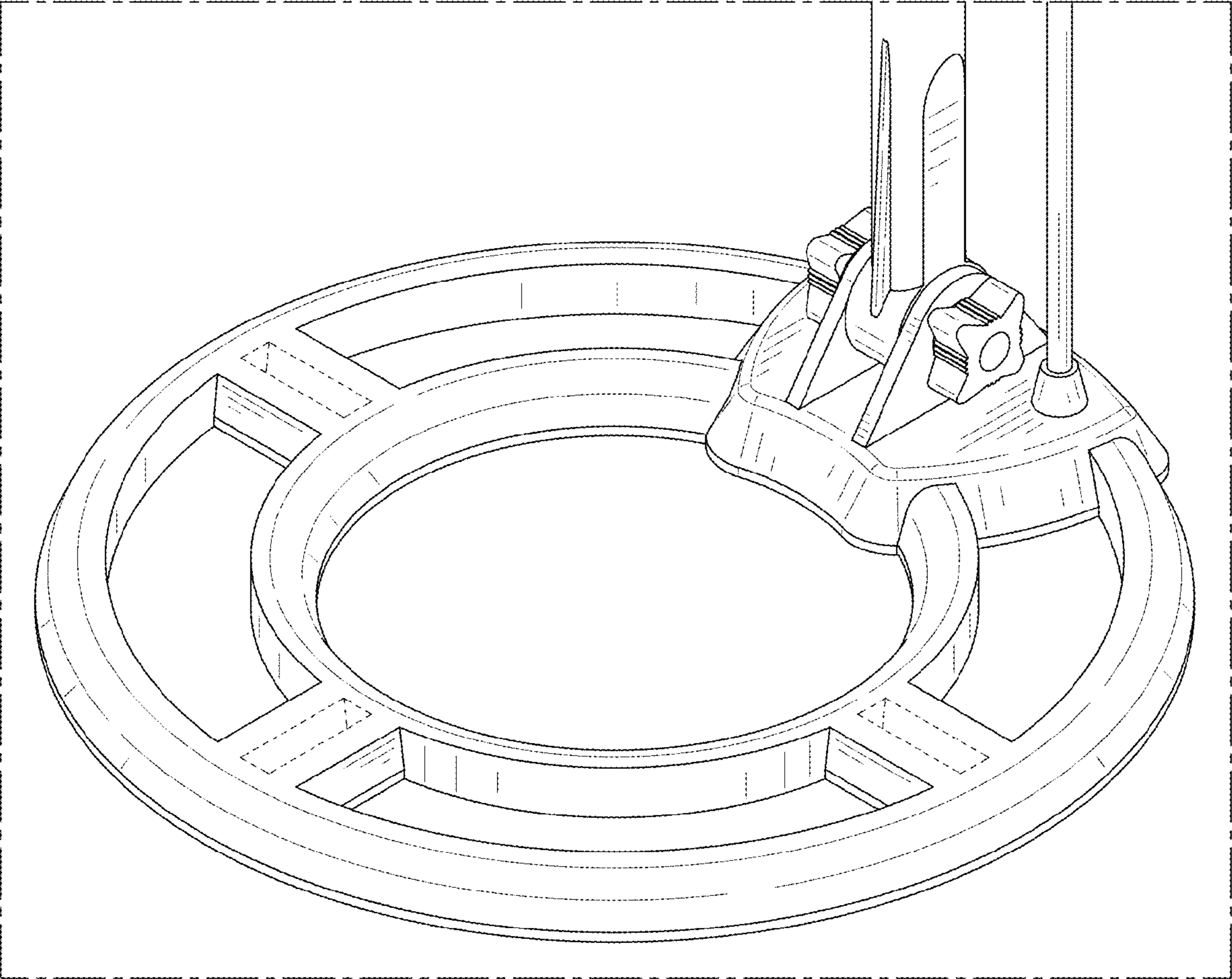


FIG. 11

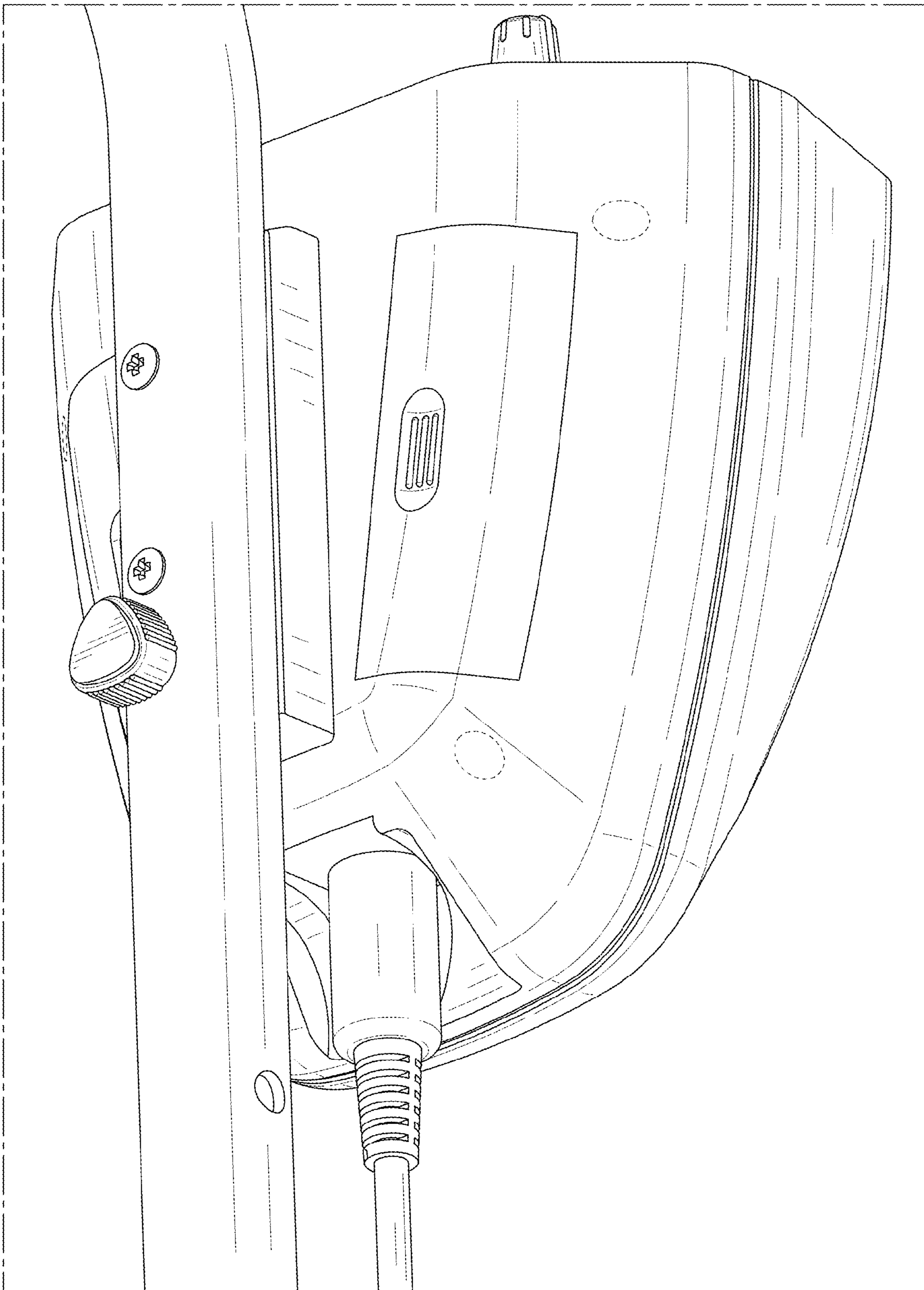


FIG. 12

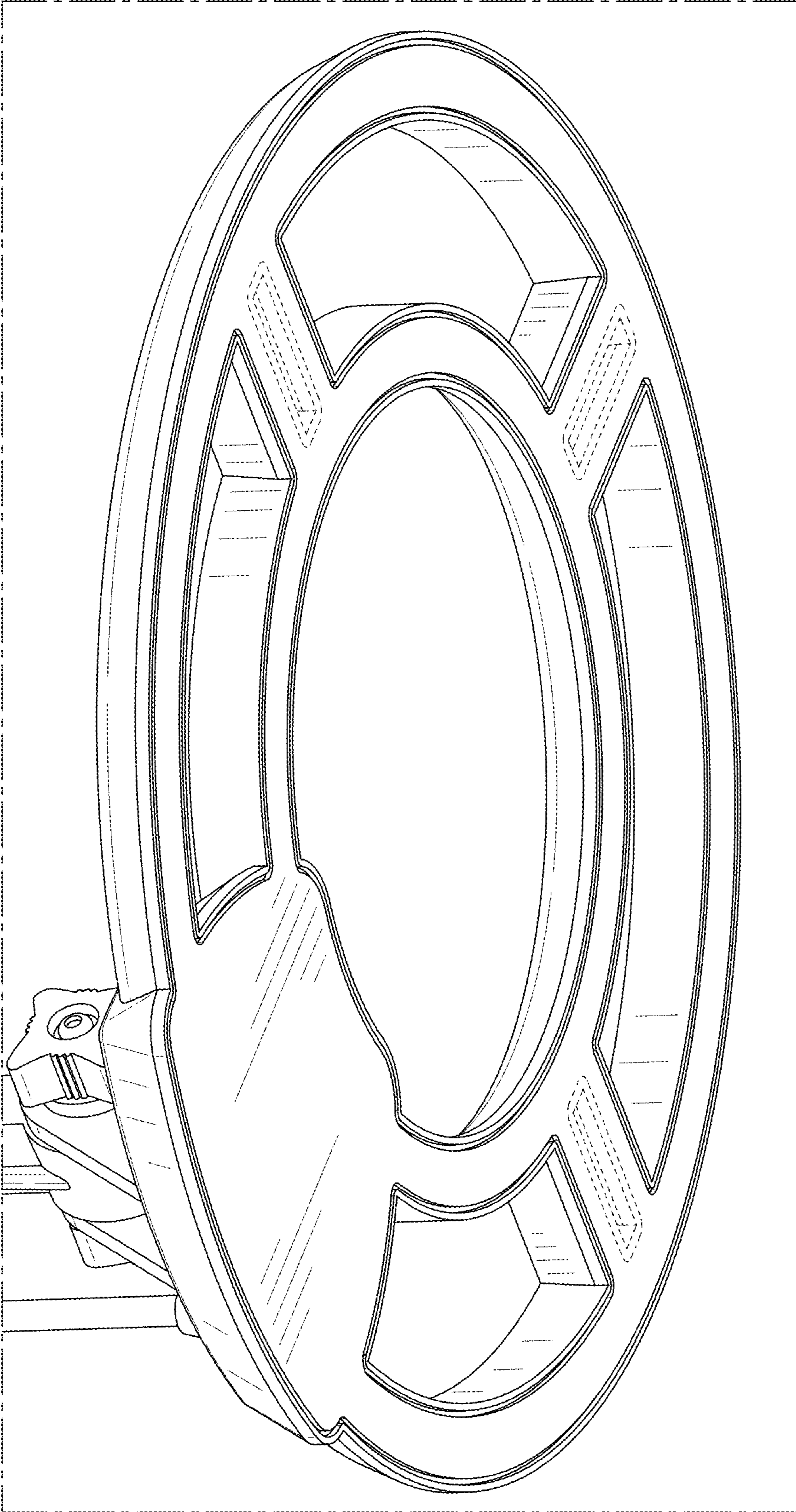


FIG. 13