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

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(45) **Date of Patent:** **** Jul. 14, 2020**

- (54) **DETECTOR FOR METAL**
- (71) Applicant: **Shanghai tymex tools Ltd.**, Shanghai (CN)
- (72) Inventor: **Xiaolin Qin**, Shanghai (CN)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/726,688**
- (22) Filed: **Mar. 5, 2020**
- (51) **LOC (12) 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)

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(57) **CLAIM**

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

DESCRIPTION

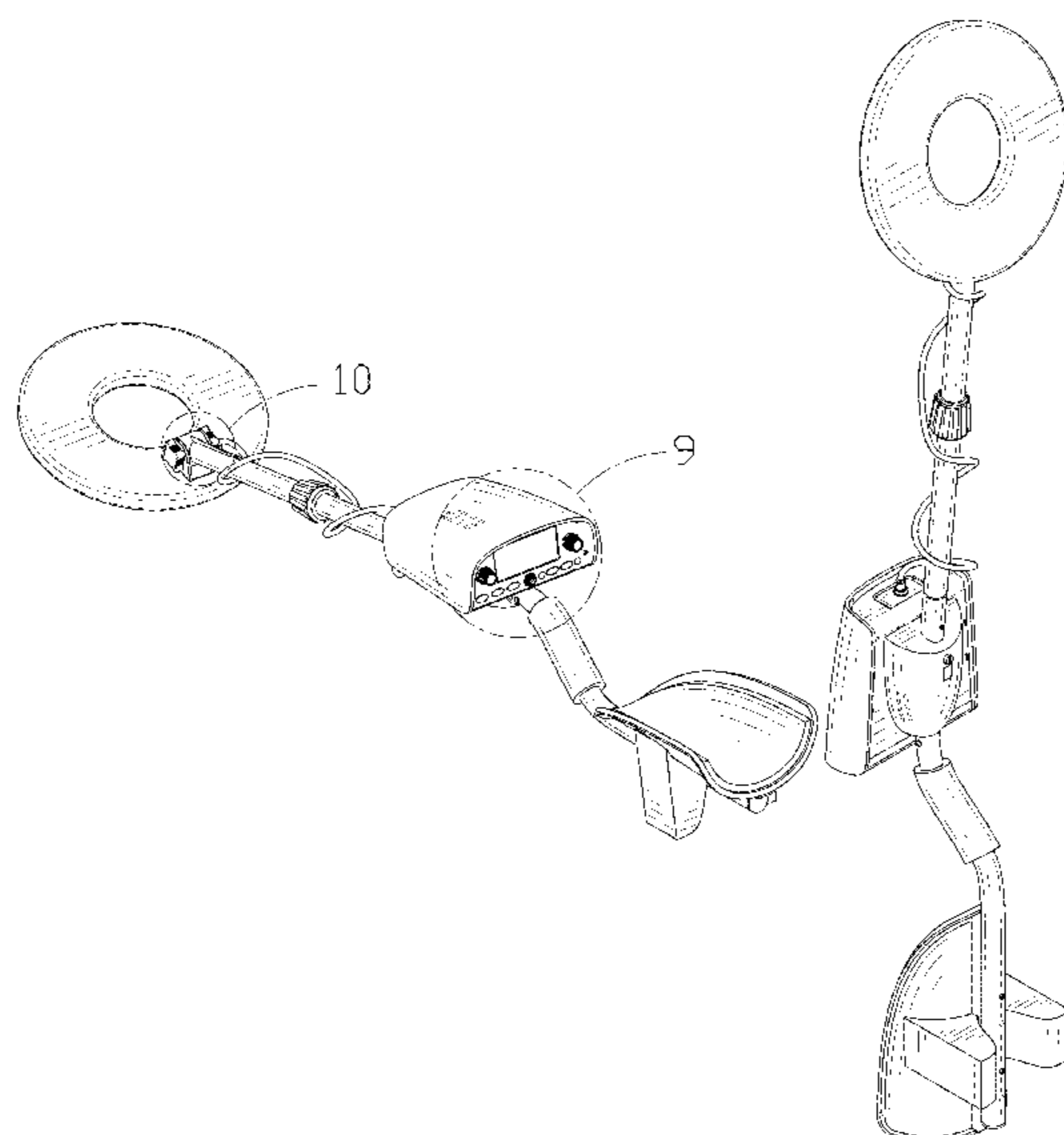
FIG. 1 is a front perspective view of a detector for metal, showing my new design;
 FIG. 2 is a rear perspective view thereof;
 FIG. 3 is a front elevational view thereof;
 FIG. 4 is a rear elevational view thereof;
 FIG. 5 is a left side elevational view thereof;
 FIG. 6 is a right side elevational view thereof;
 FIG. 7 is a top plan view thereof;
 FIG. 8 is a bottom plan view thereof;
 FIG. 9 is an enlarged view of a portion indicated with numeric 9 in FIG. 1; and,
 FIG. 10 is an enlarged view of a portion indicated with numeric 10 in FIG. 1.
 The broken lines in the figures illustrate portions of the detector for metal that form no part of the claimed design. The dash dot dash lines in FIGS. 1, 9 and 10 are for the purpose of depicting the cut line of the enlarged view and form no part of the claim.

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1 Claim, 10 Drawing Sheets



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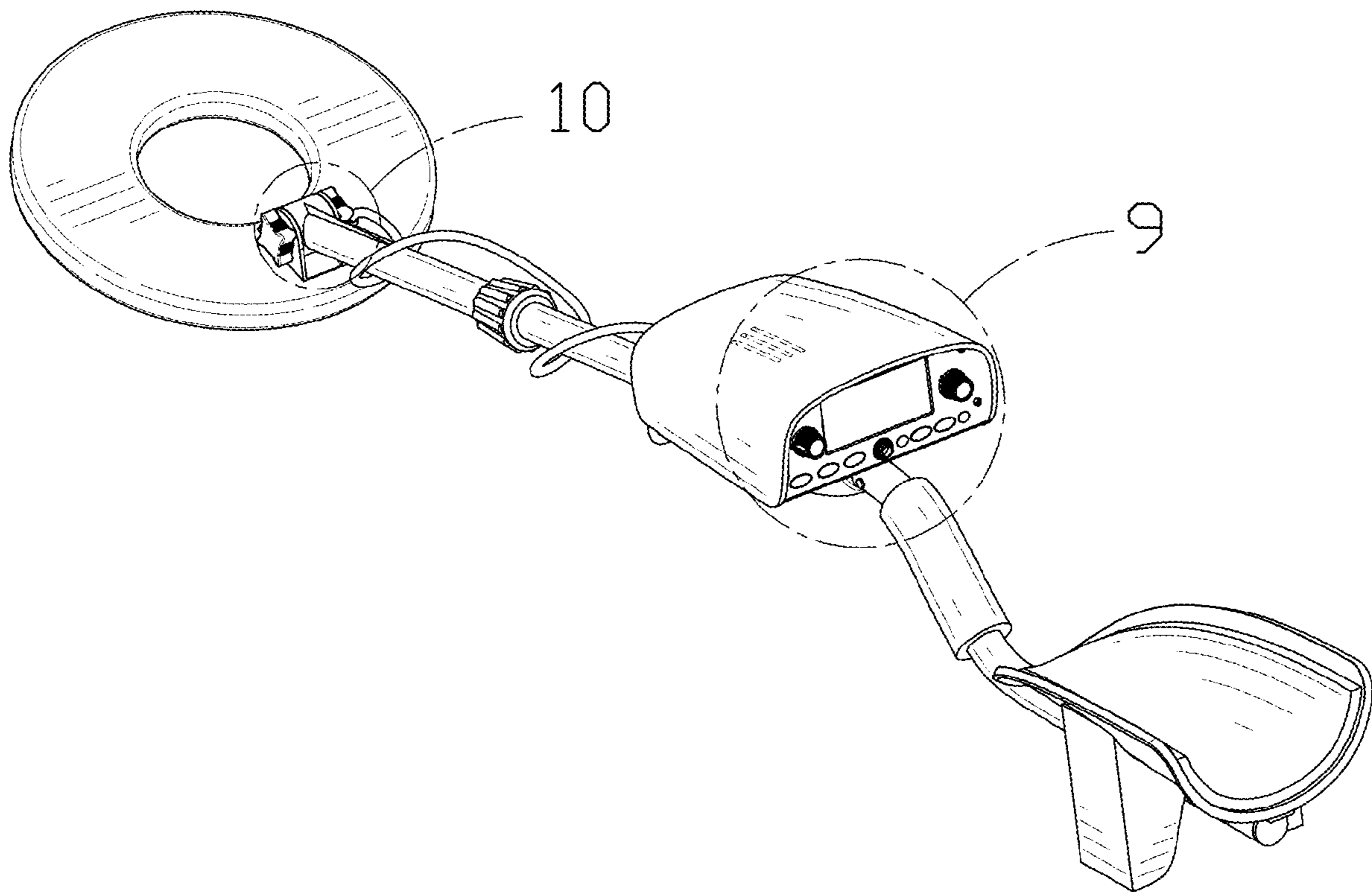


FIG. 1

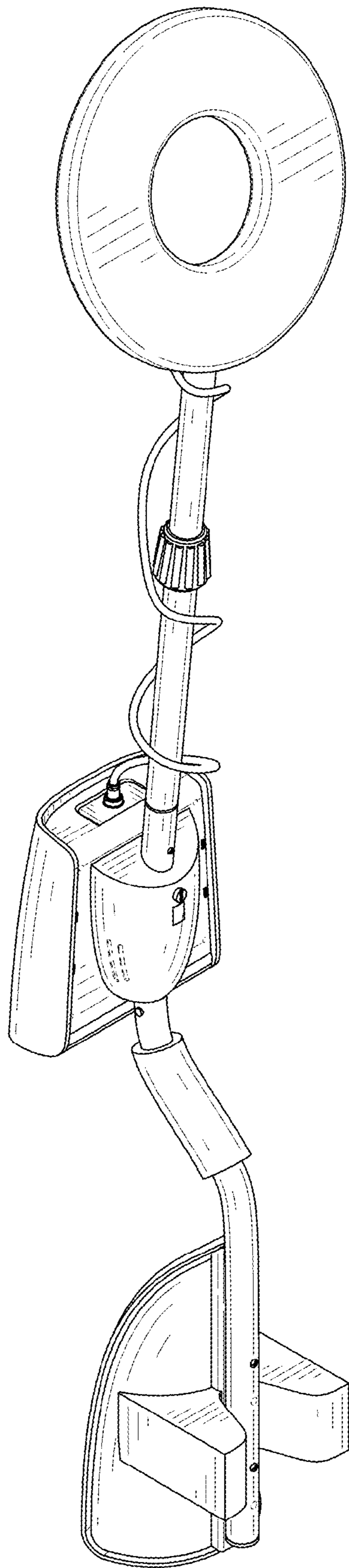


FIG. 2

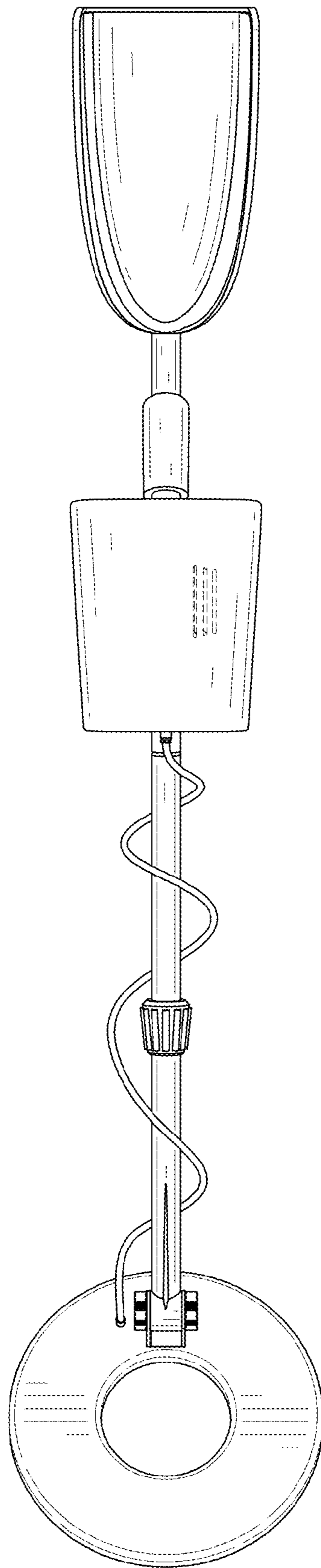


FIG. 3

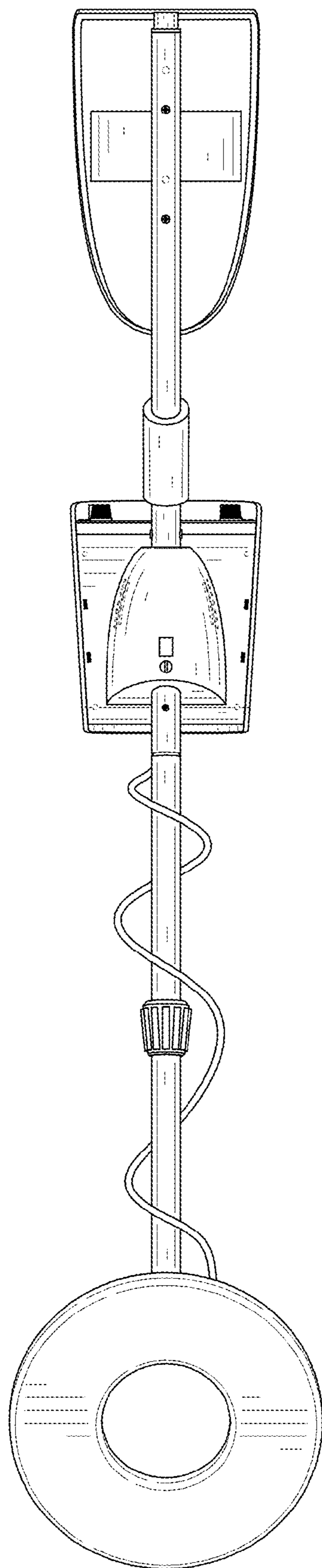


FIG. 4

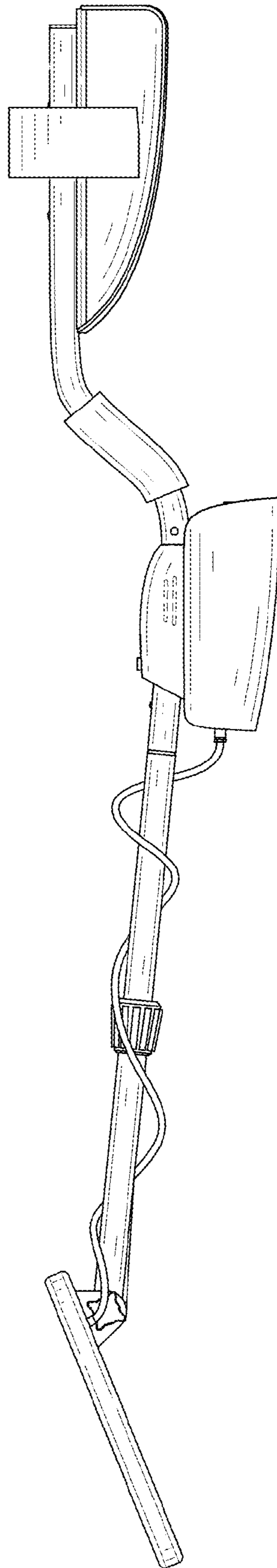


FIG. 5

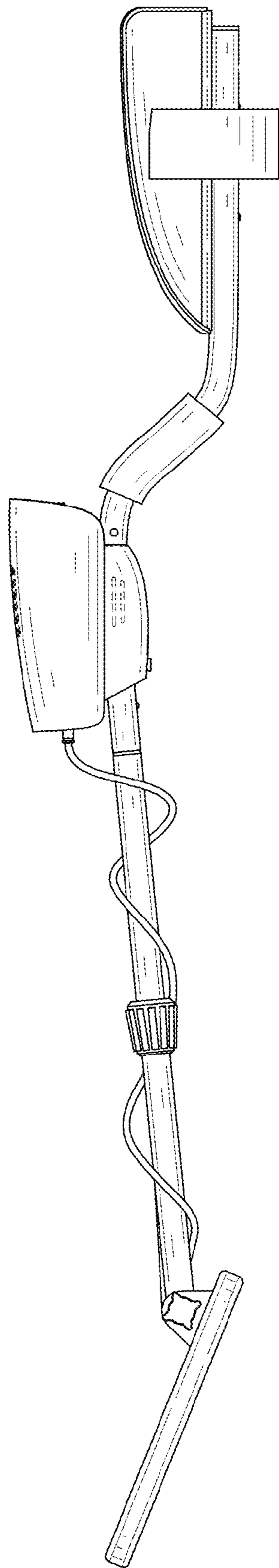


FIG. 6

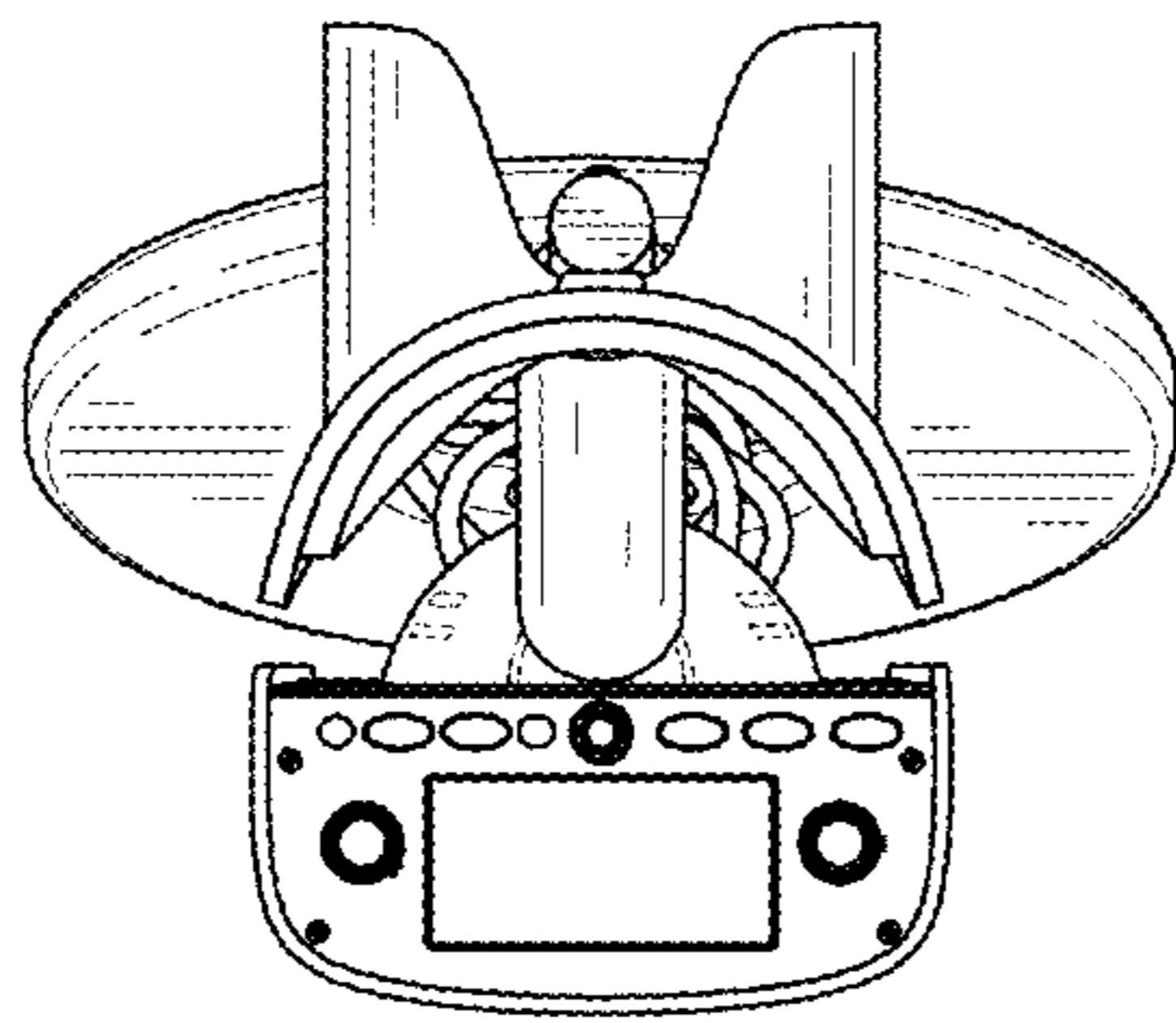


FIG. 7

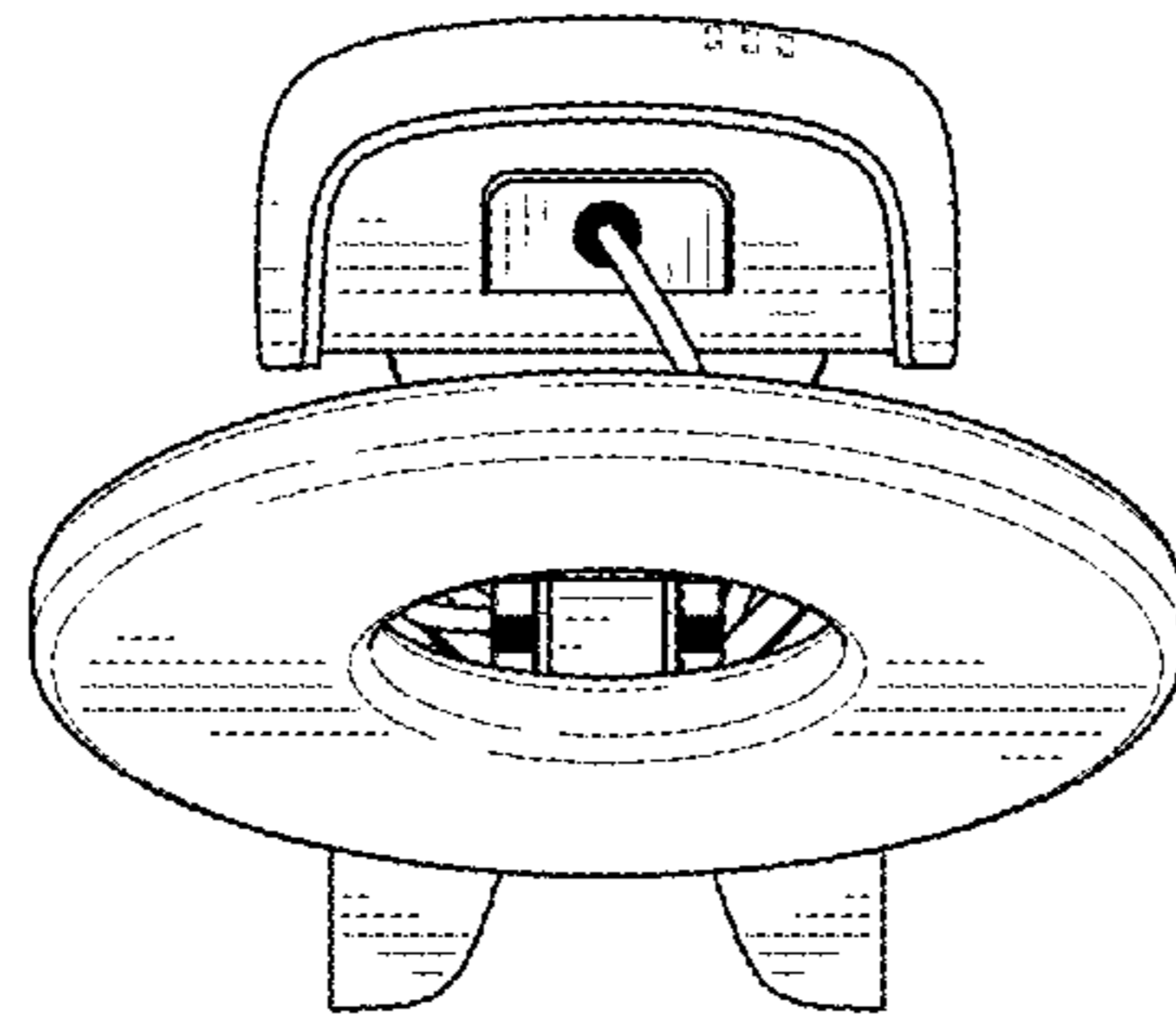


FIG. 8

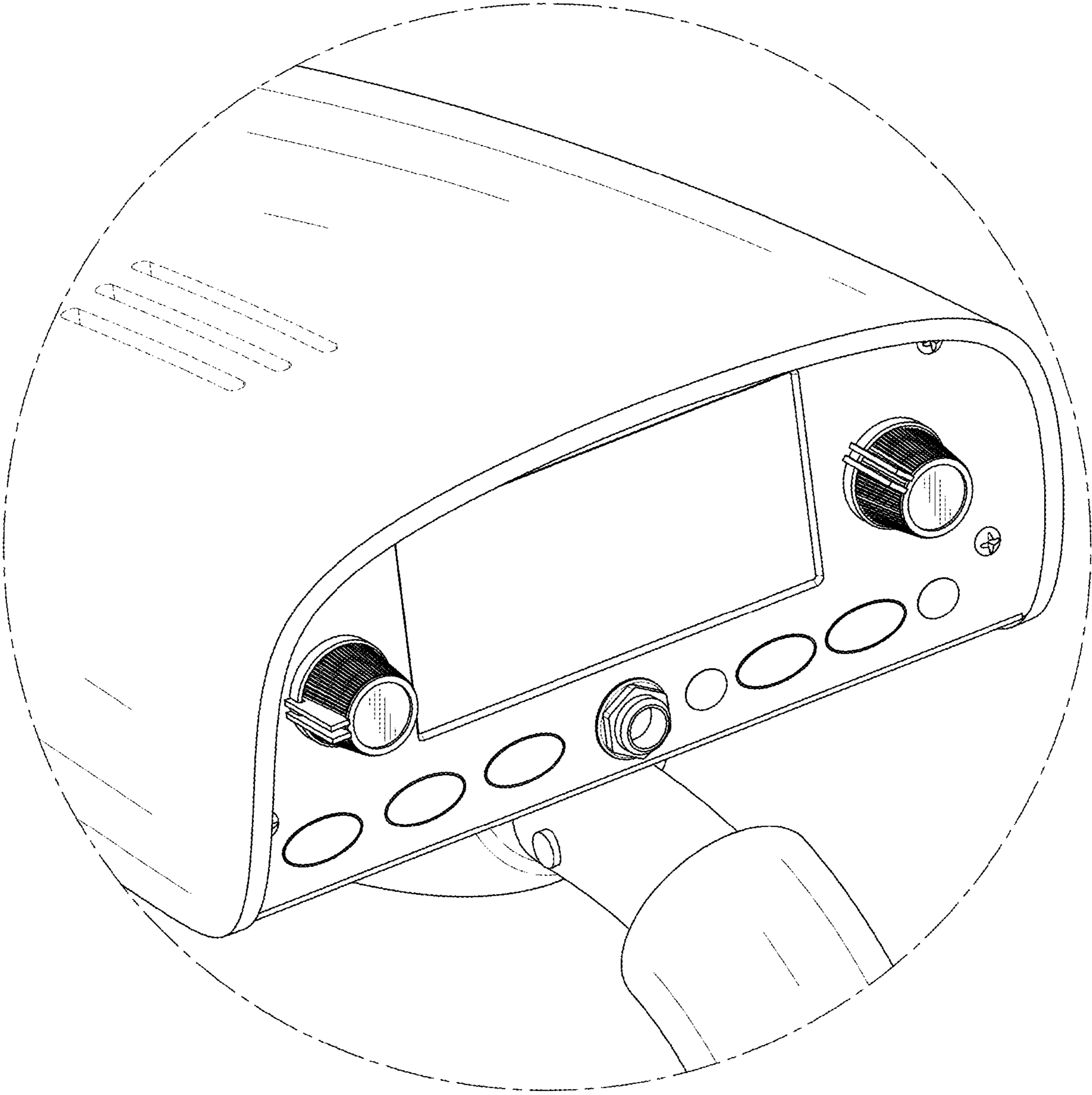


FIG. 9

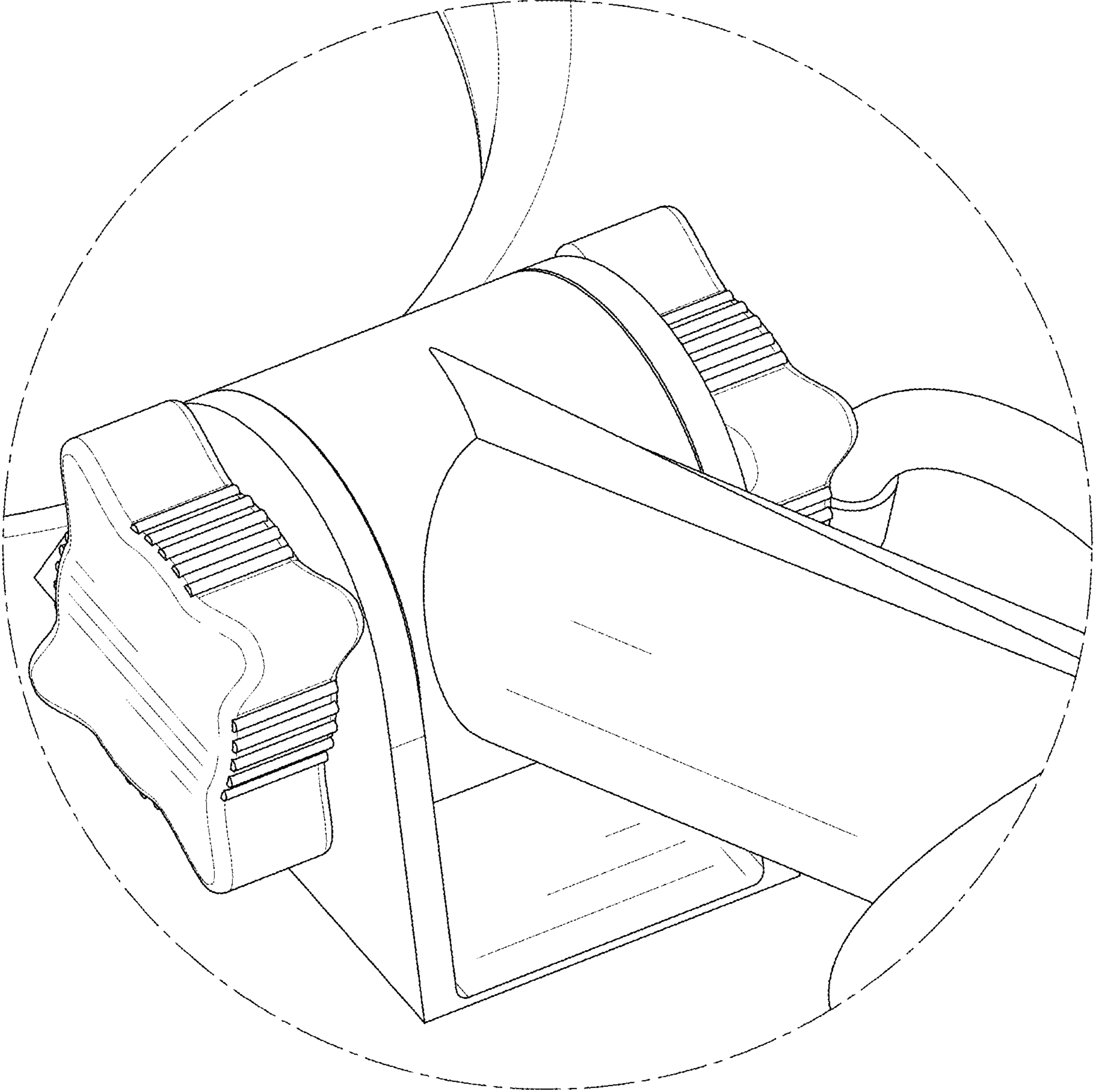


FIG. 10