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

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(45) **Date of Patent:** **** Jun. 2, 2020**

(54) **PORTABLE MANUAL PULSE GENERATOR**

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(JP)

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

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(21) Appl. No.: **29/589,123**

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(22) Filed: **Dec. 28, 2016**

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(30) **Foreign Application Priority Data**

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PC

(51) **LOC (12) Cl.** **14-03**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D13/168**

The ornamental design for a portable manual pulse genera-
tor, as shown and described.

(58) **Field of Classification Search**

USPC D24/106, 117, 118, 137, 133, 138, 135,
D24/222; 341/20; 370/310; D14/218,
D14/356, 388, 412, 413, 432, 454;
D13/168; D21/324, 328, 333, 566
CPC G05B 19/409; H03K 17/94; H03K 17/955;
A63H 27/12; A63H 30/04; B64C 19/00;
B64C 39/024; G05D 1/0016; G05D
1/0033; G05D 1/0808; G05D 1/0858;
G05G 9/047

DESCRIPTION

See application file for complete search history.

FIG. 1 is a perspective view of my new design for a portable
manual pulse generator showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom view thereof;

FIG. 6 is a right side view thereof; and,

FIG. 7 is a left side view thereof.

In respective drawings, lines other than the shape lines
expressed at surface portions are all for specifying the
shapes of three-dimensional surfaces.

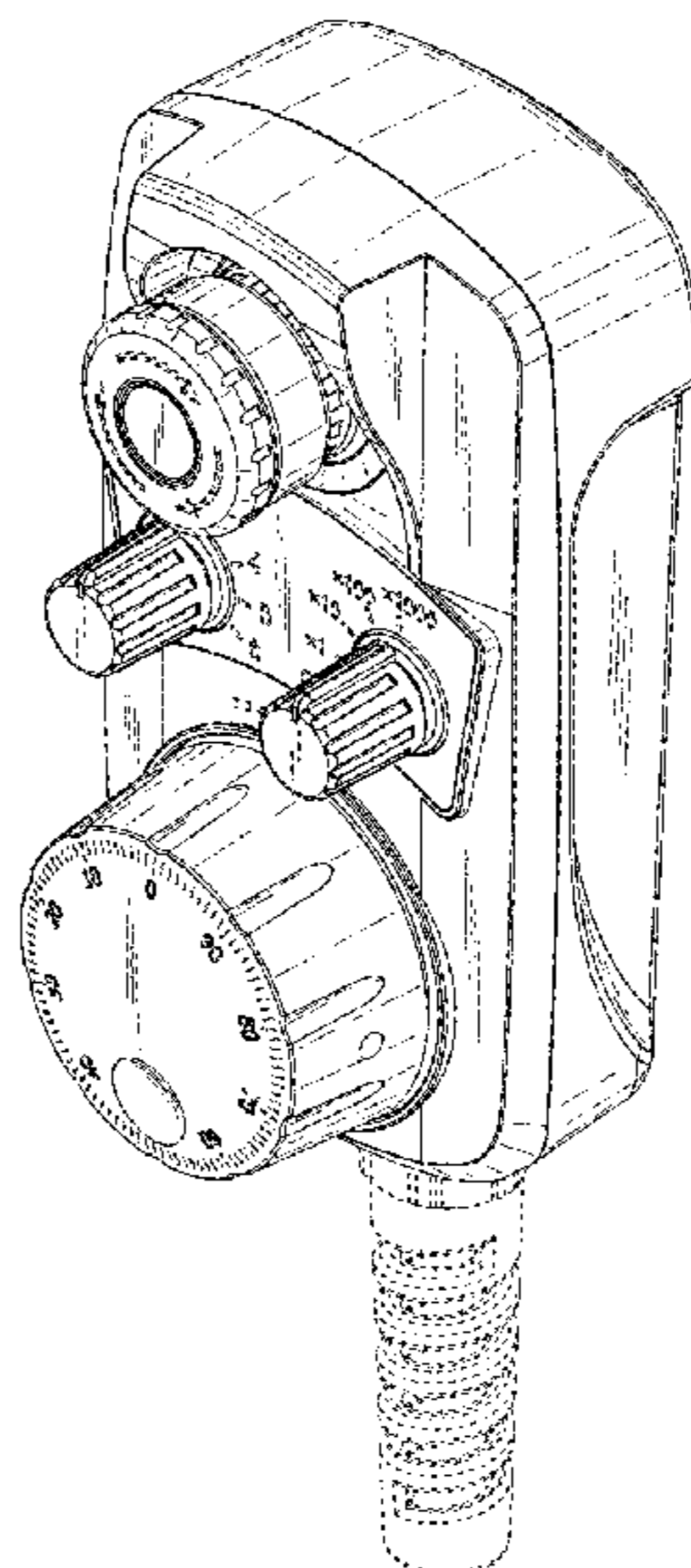
The broken lines shown in the figures illustrate portions of
the portable manual pulse generator and form no part of the
claimed design.

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1 Claim, 7 Drawing Sheets



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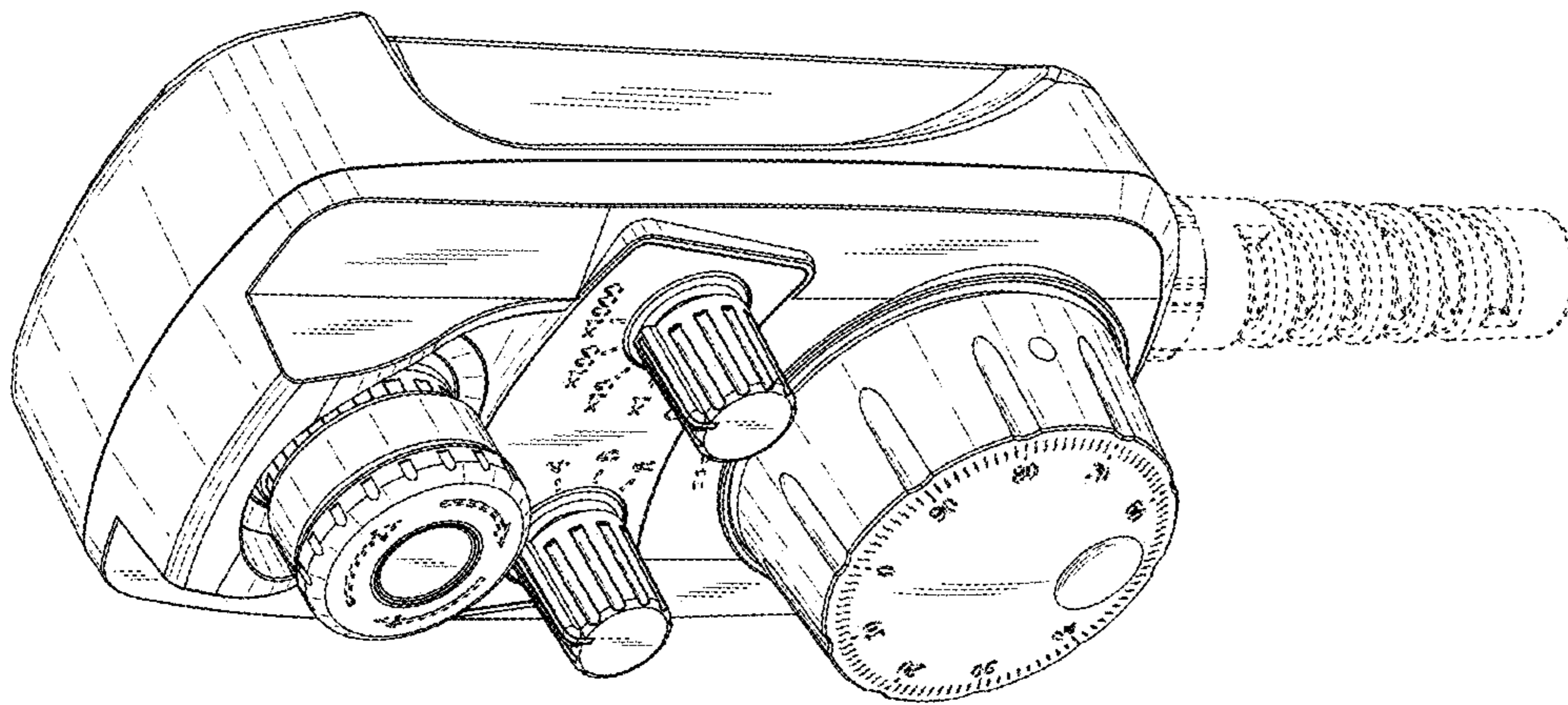


FIG.1

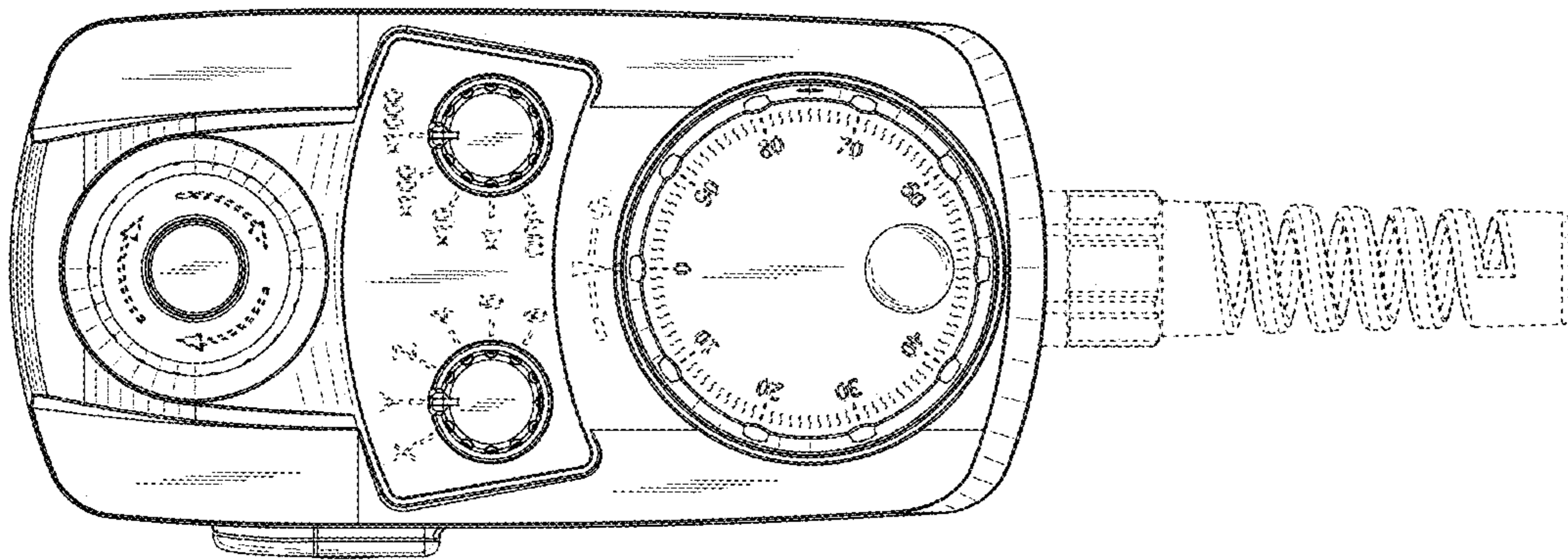


FIG.2

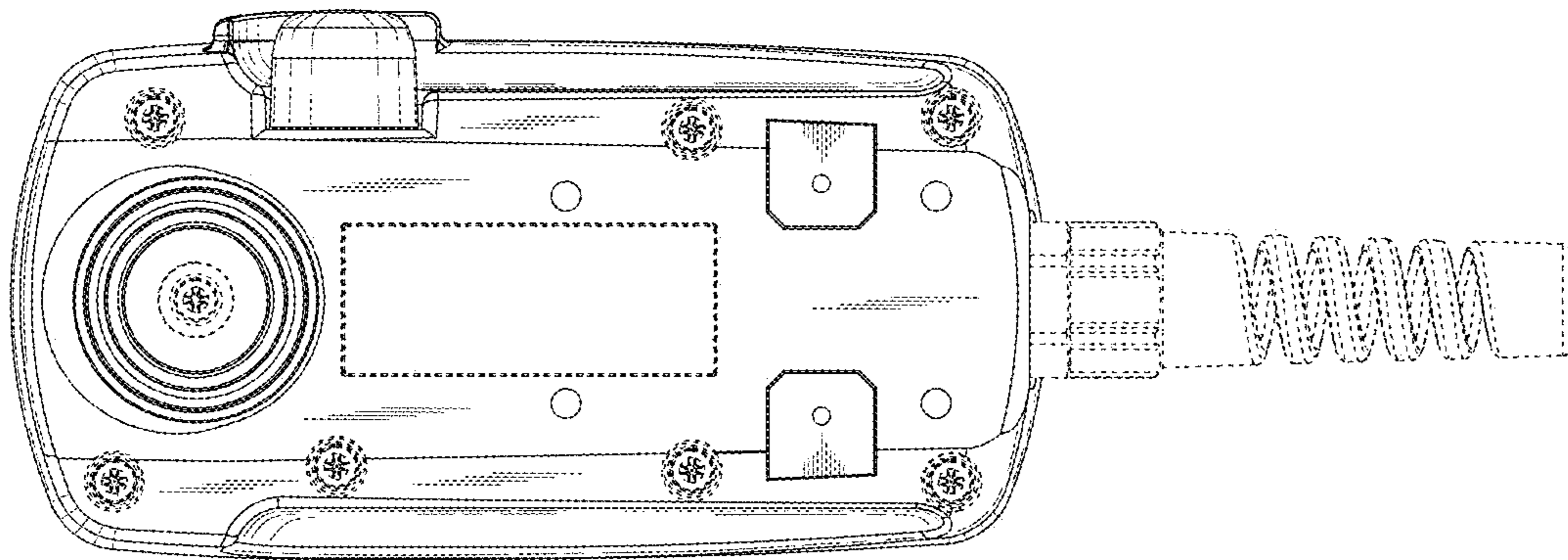


FIG.3

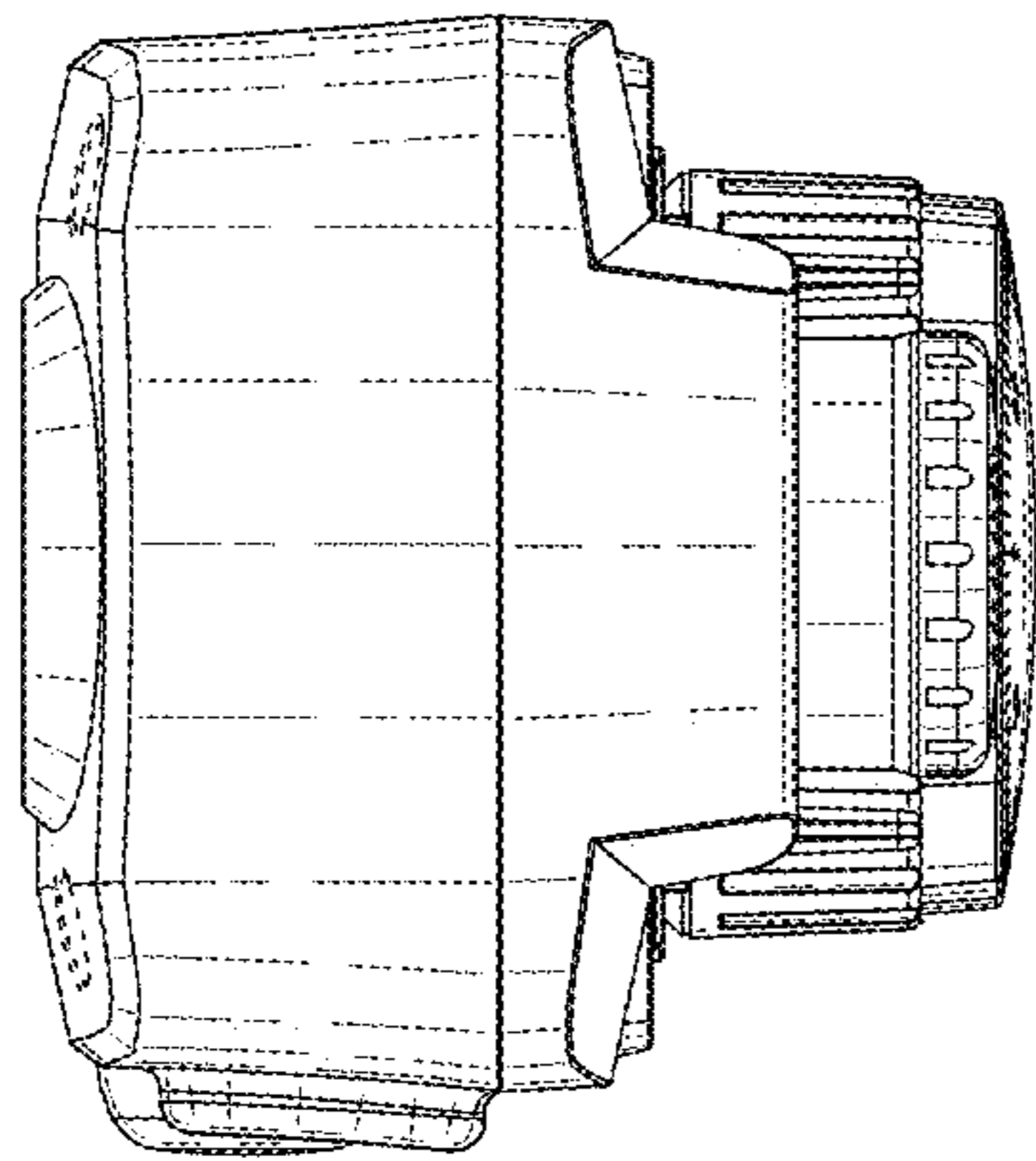


FIG.4

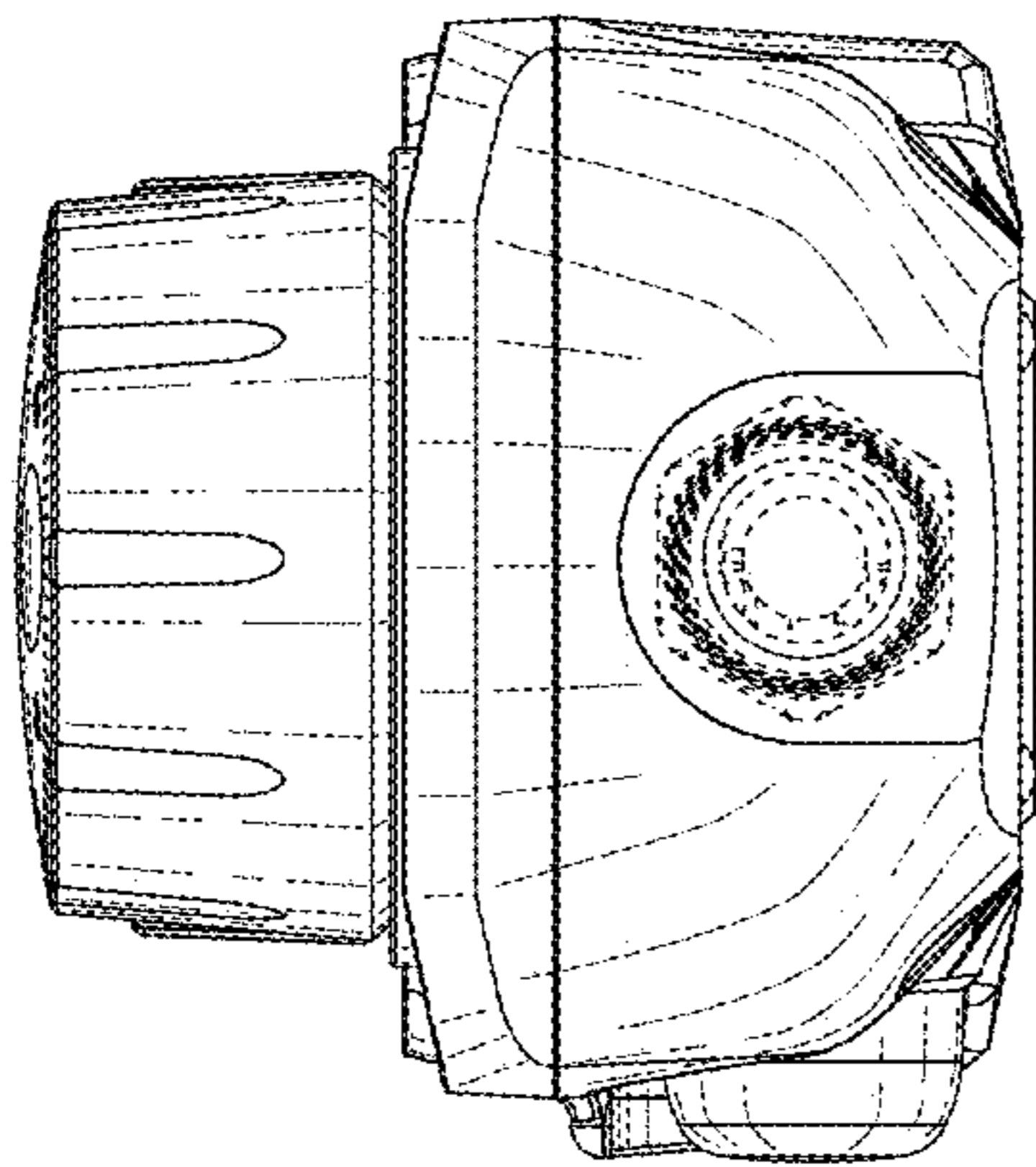


FIG.5

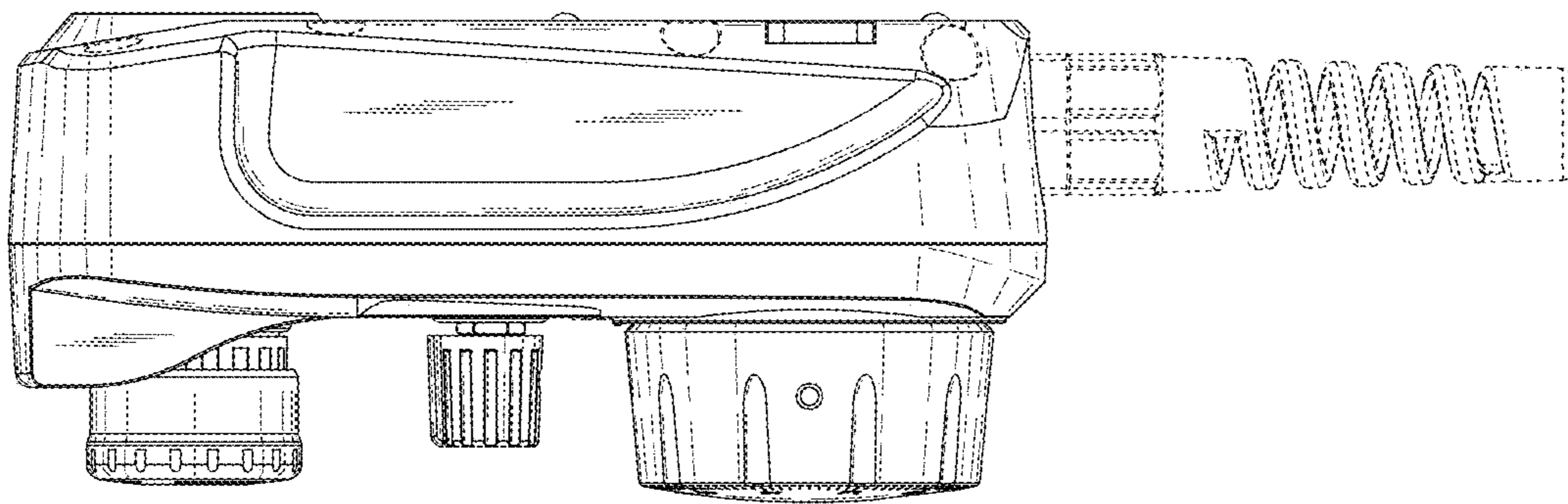


FIG.6

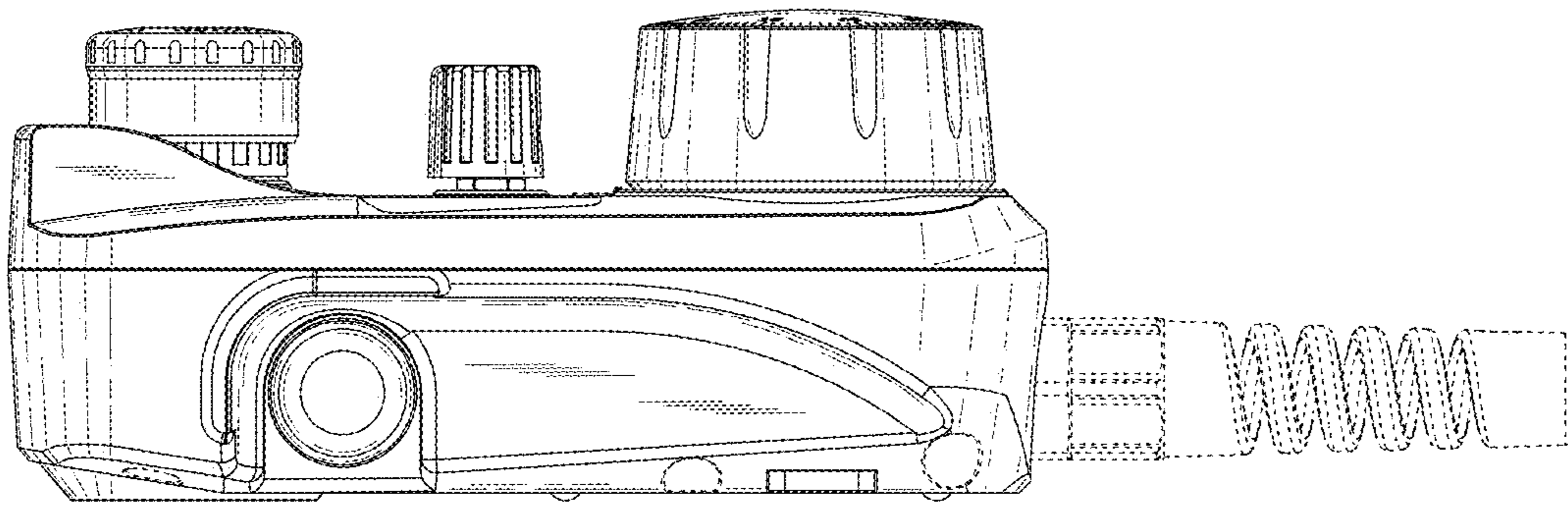


FIG.7