

(12) **United States Design Patent** (10) **Patent No.:** **US D768,516 S**
Aoki (45) **Date of Patent:** **** Oct. 11, 2016**

(54) **OPTICAL MEASURING THEODOLITE
USING LIGHT WAVE**

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D10/66**

(58) **Field of Classification Search**
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CPC G01C 1/00–1/14
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D409,507 S * 5/1999 Ishii D10/66
6,354,010 B1 * 3/2002 Shirai G02B 7/32
33/284
6,492,806 B2 * 12/2002 Shirai G01C 1/02
324/207.12
D494,074 S * 8/2004 Ishii D10/66

D526,223 S * 8/2006 Ishii D10/66
D526,588 S * 8/2006 Johansson D10/66
D531,921 S * 11/2006 Banba D10/66
D558,075 S * 12/2007 Ishii D10/66
D576,062 S * 9/2008 Hayamizu D10/66
D605,959 S * 12/2009 Apotheloz D10/66
7,764,809 B2 * 7/2010 Ohtomo G01C 15/002
382/106
8,264,672 B1 * 9/2012 Cole G01C 3/08
356/4.01
D684,068 S * 6/2013 Ishii D10/66
D684,069 S * 6/2013 Ishii D10/66
D723,953 S * 3/2015 Ishii D10/66

* cited by examiner

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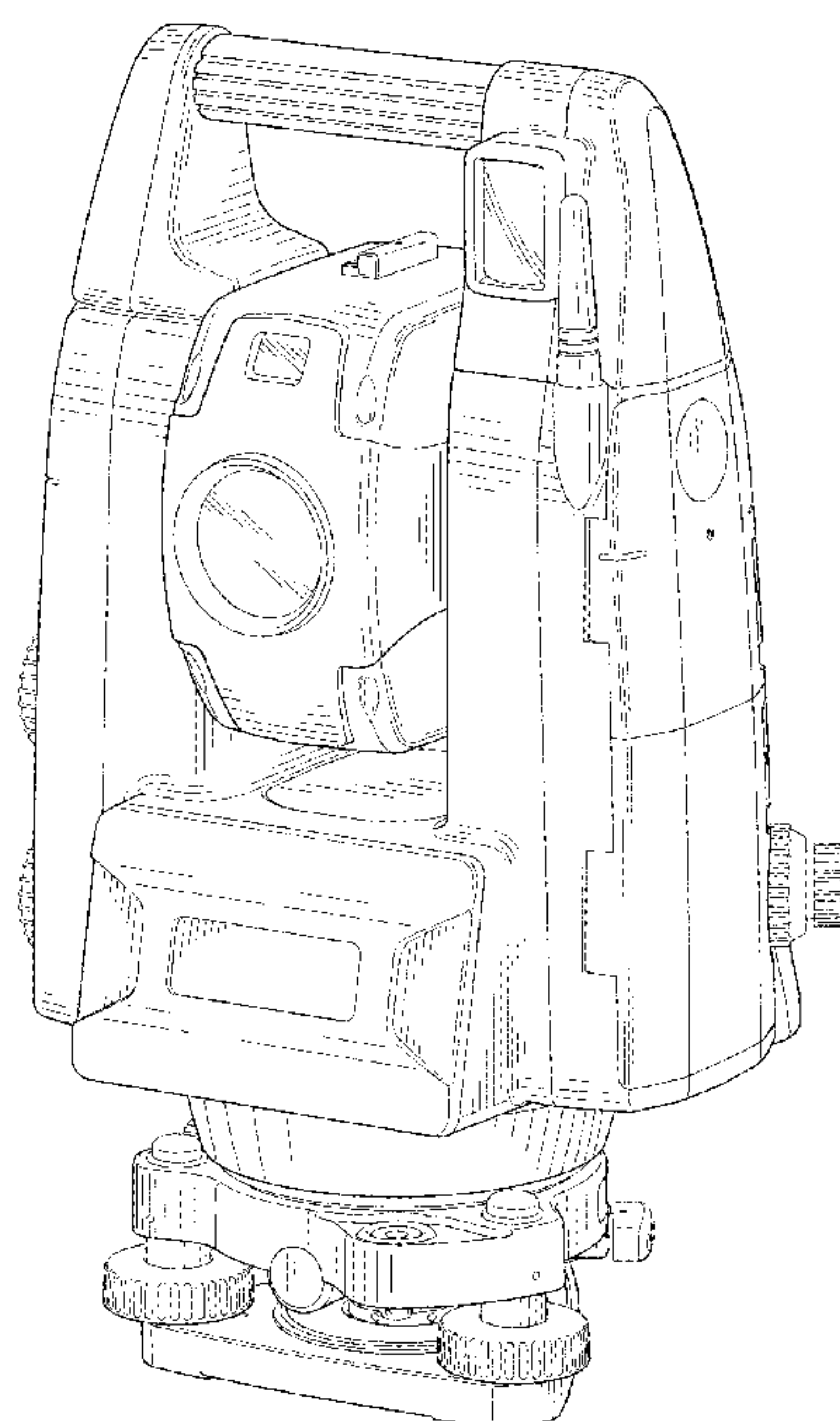
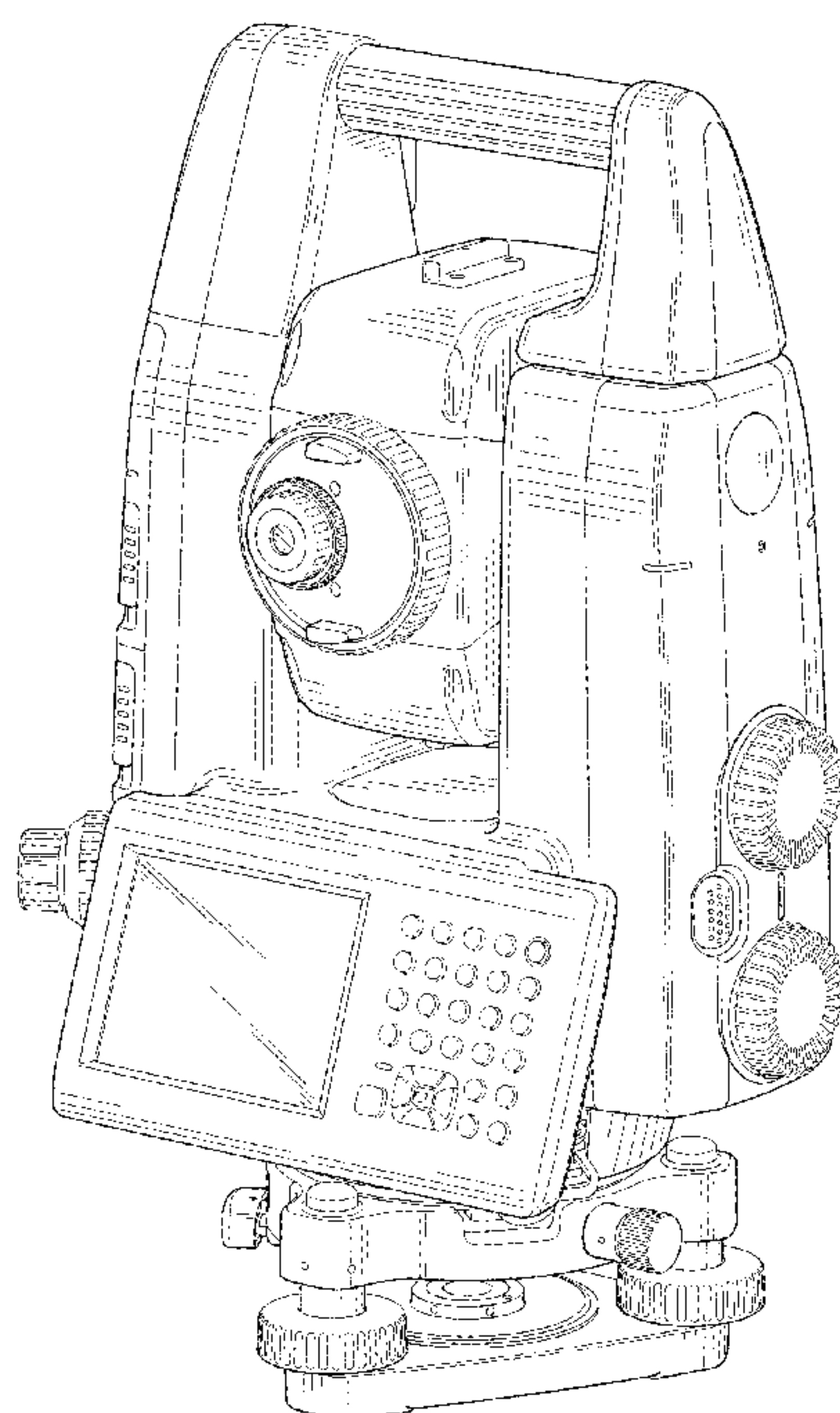
(57) **CLAIM**

The ornamental design for an optical measuring theodolite using light wave, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of the optical measuring theodolite using light wave;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left-side elevational view thereof;
FIG. 4 is a right-side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a front, right-side, top perspective view thereof;
and,
FIG. 8 is a rear, left-side, top perspective view thereof.
The broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



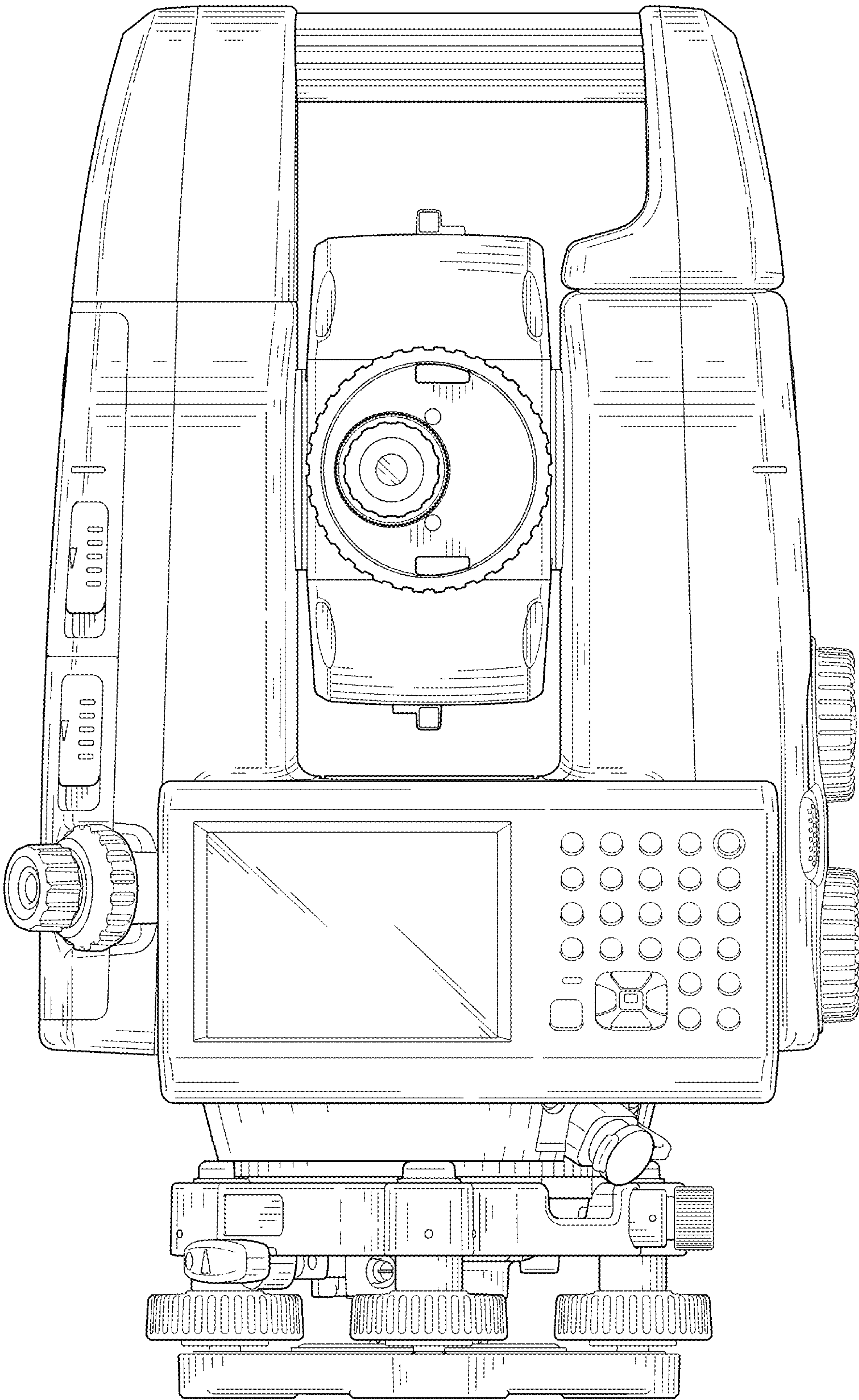


FIG. 1

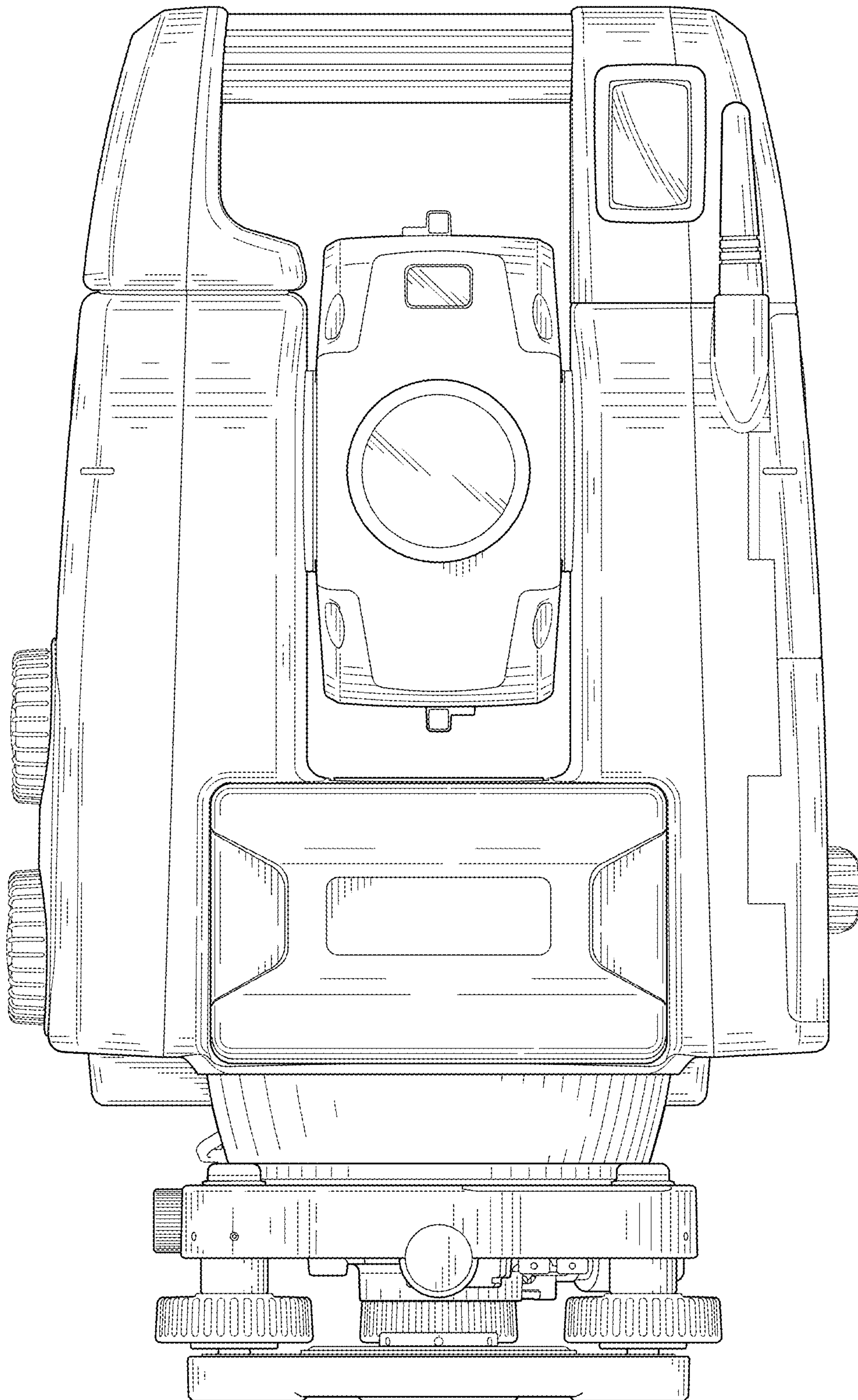


FIG. 2

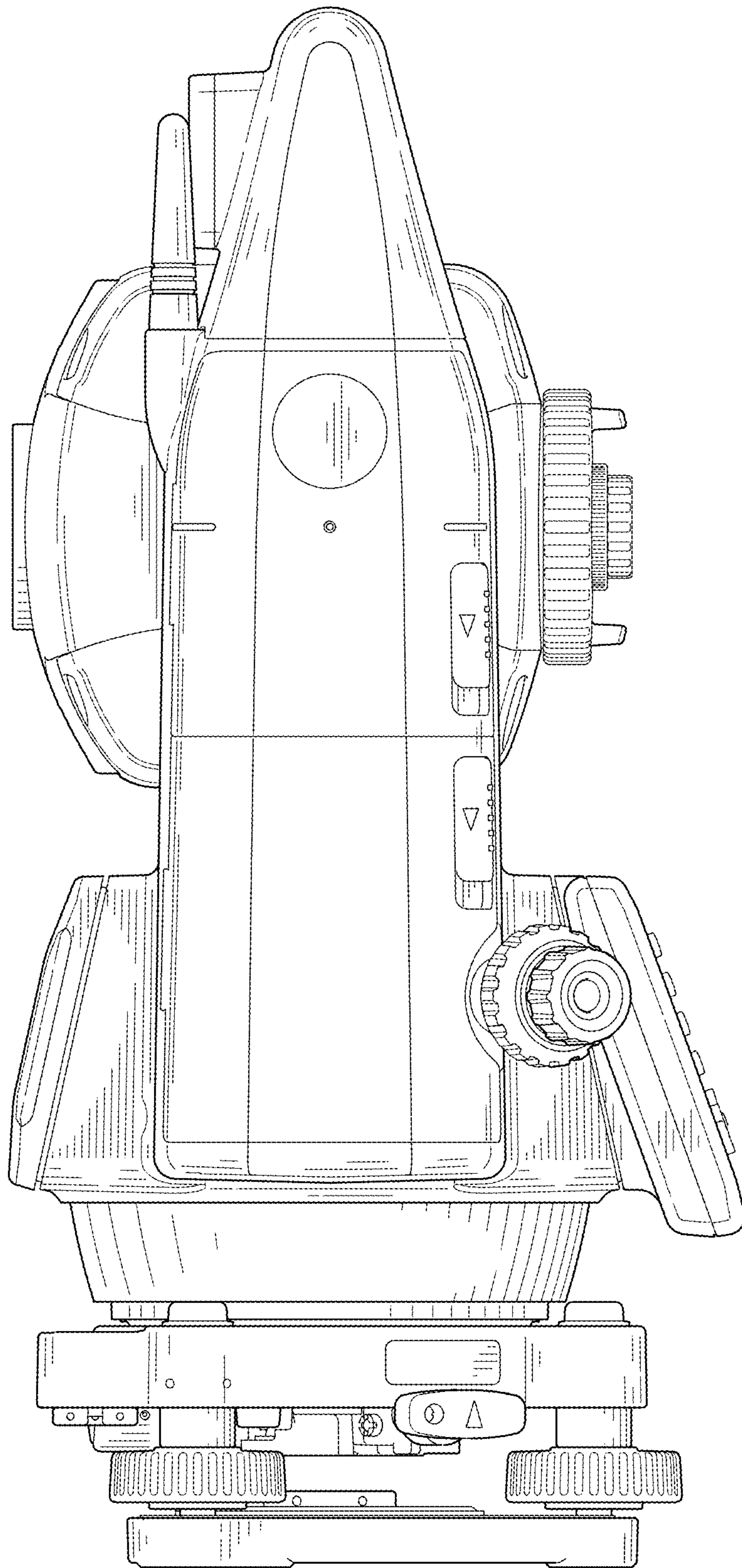


FIG. 3

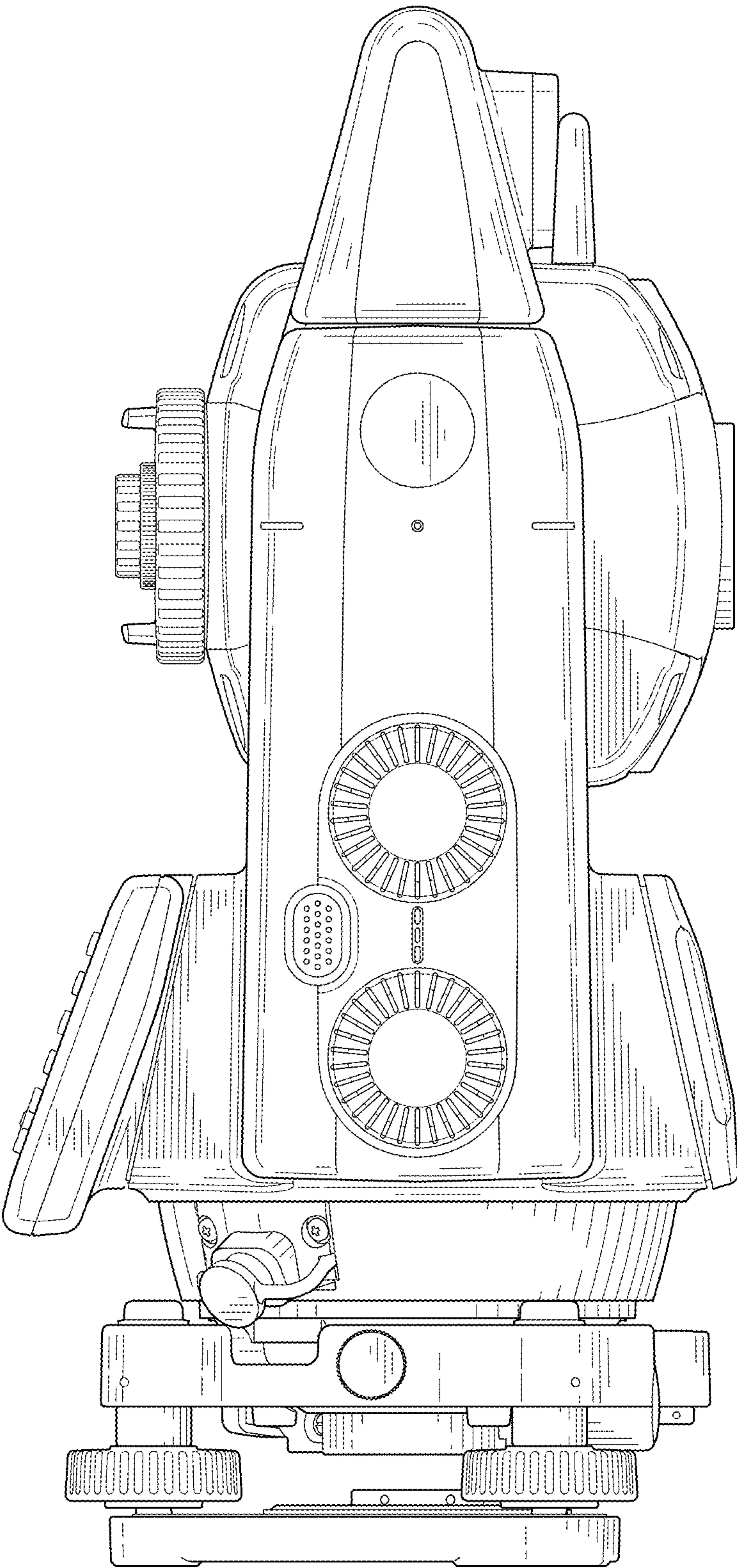


FIG. 4

FIG. 5

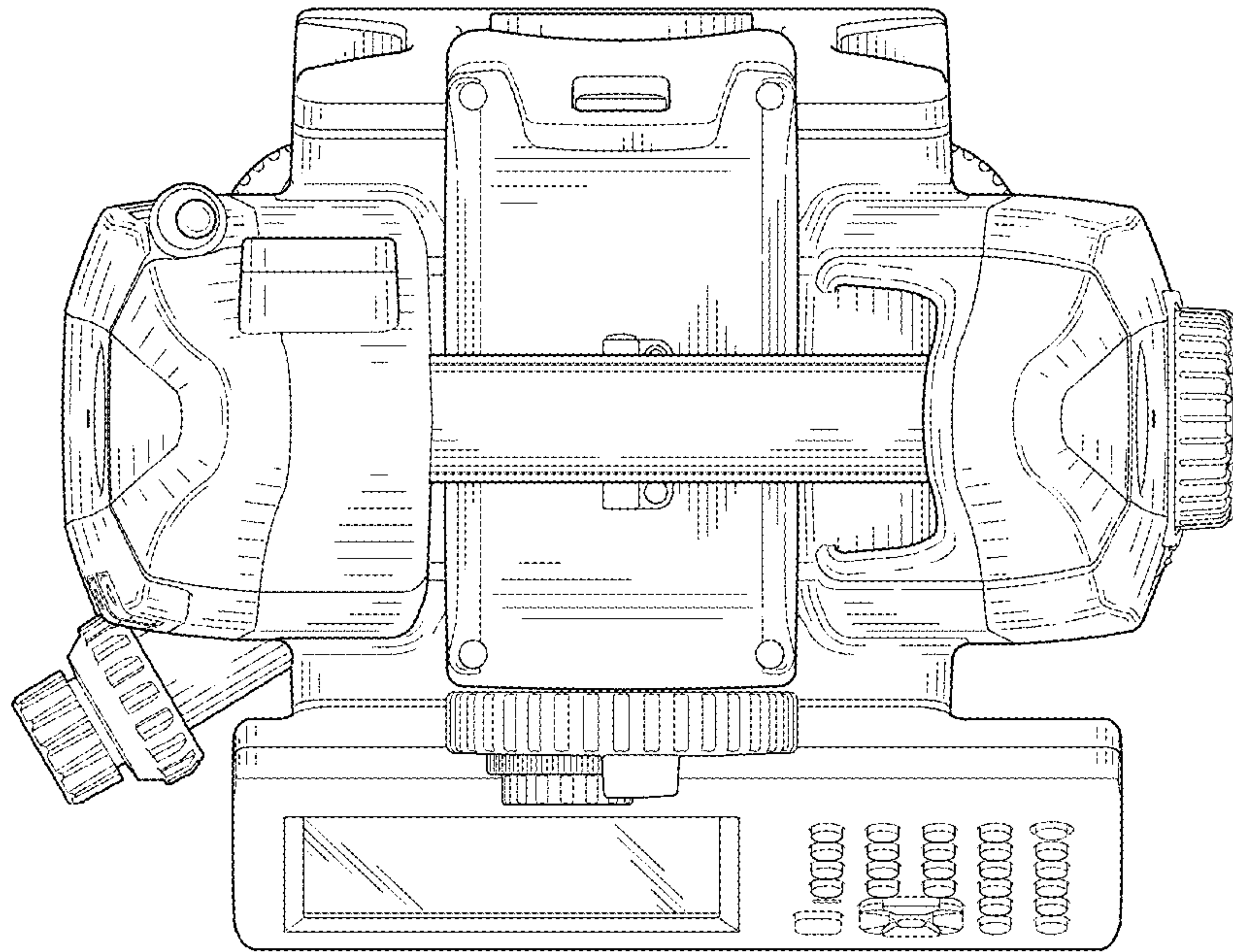
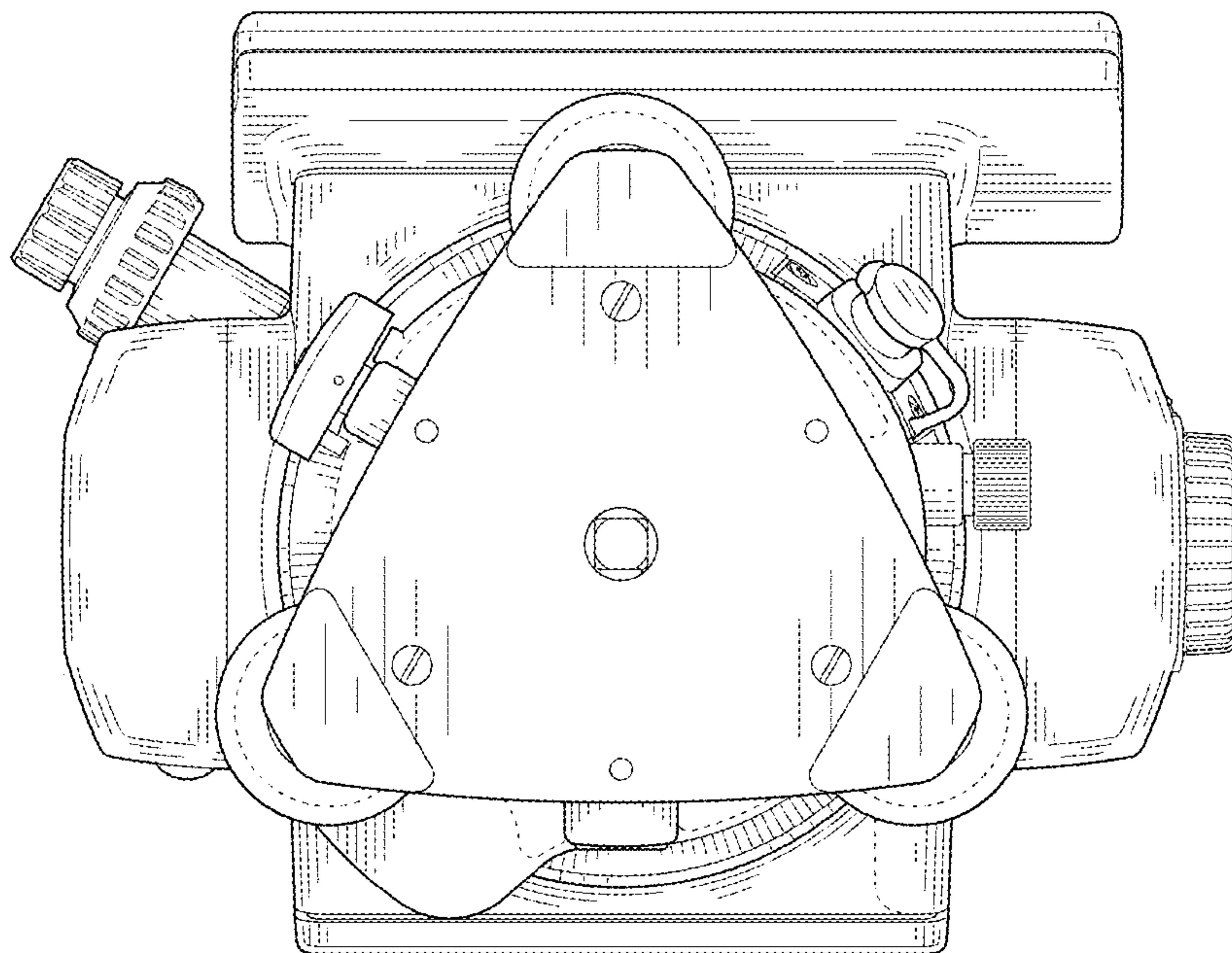


FIG. 6



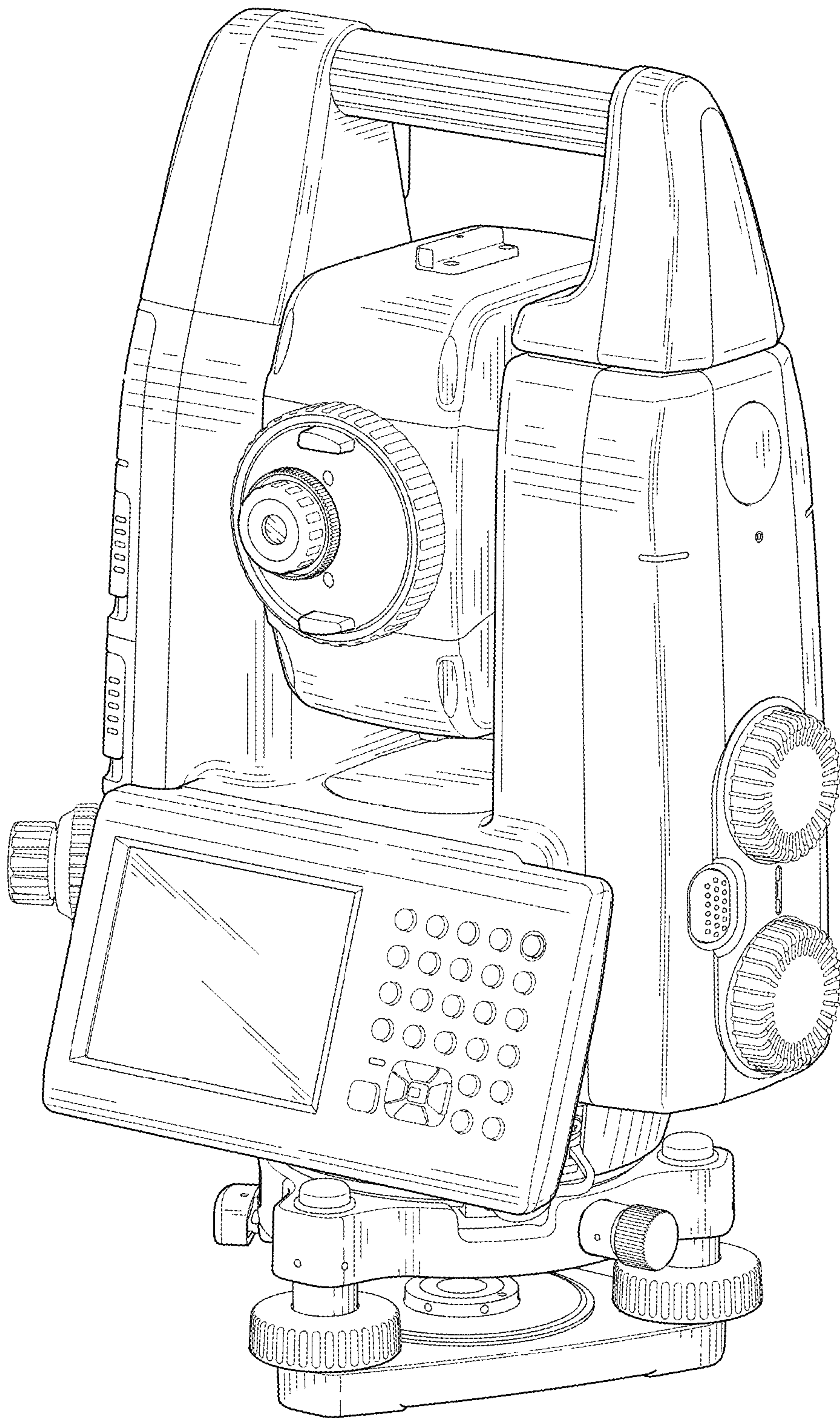


FIG. 7

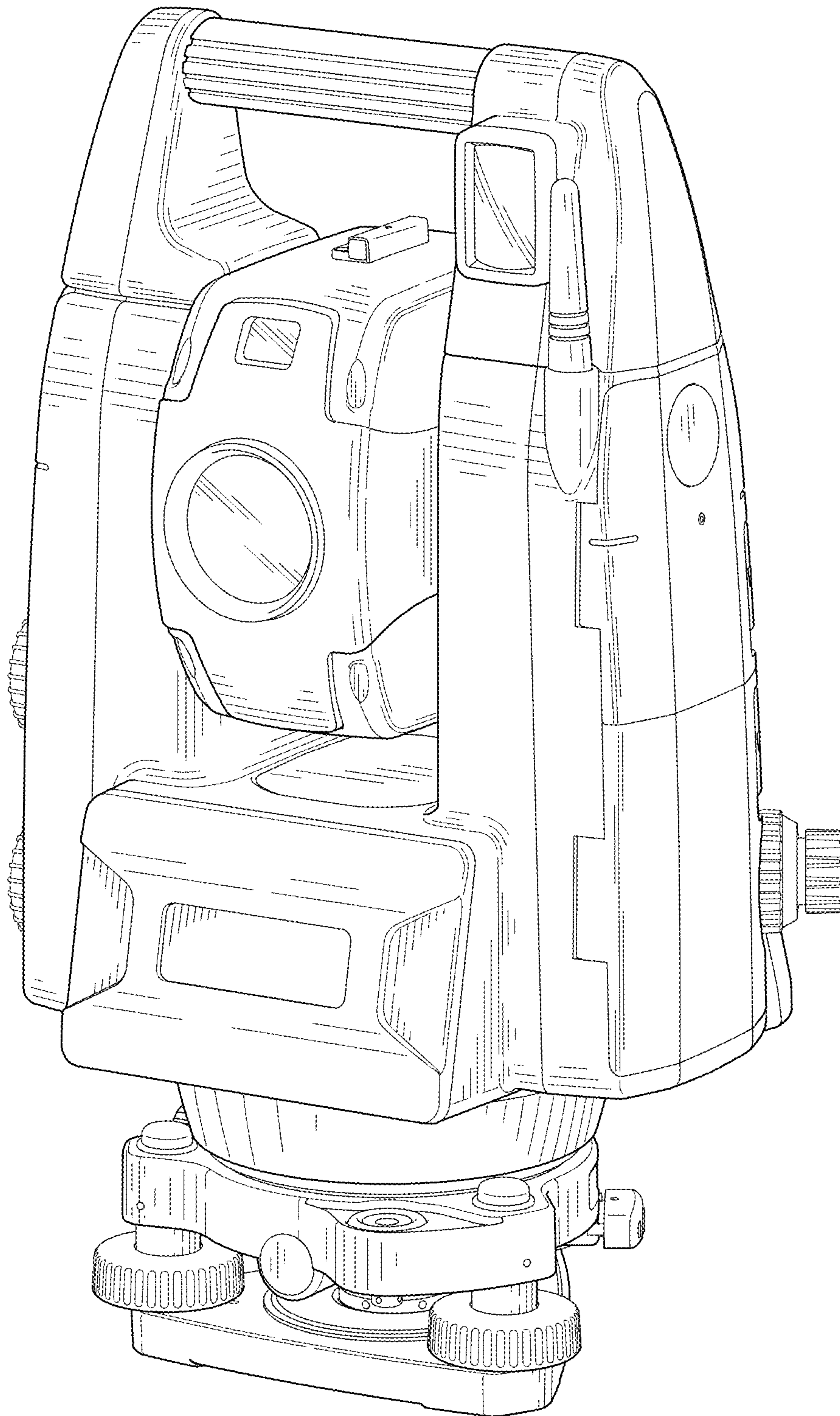


FIG. 8