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(12) **United States Design Patent** (10) **Patent No.:** **US D563,247 S**  
**Ishii** (45) **Date of Patent:** **\*\* Mar. 4, 2008**

(54) **THREE-DIMENSIONAL MEASURING INSTRUMENT**

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(57) **CLAIM**

(73) Assignee: **Kabushiki Kaisha Topcon**, Tokyo (JP)

The ornamental design for a three-dimensional measuring instrument, as shown.

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/274,516**

#### DESCRIPTION

(22) Filed: **Apr. 30, 2007**

(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** ..... **10-04**

(52) **U.S. Cl.** ..... **D10/66; D10/69; D10/70**

(58) **Field of Classification Search** ..... D10/66,  
D10/69, 70; 33/276, 277, 281, 285, 286,  
33/290, 291–299, DIG. 21; 340/273.1–573.4,  
340/539, 825.36, 825.46, 825.49, 357.02,  
340/357.07–357.09; 356/5.15, 4.01, 5.01,  
356/4.05, 5.05–5.09, 5.12, 28.5, 345, 375,  
356/3.01, 128–155, 399–400; 385/83, 97–99,  
385/134–139; 701/211–213, 150, 158; 264/1.24–1.25  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D504,831 S \* 5/2005 Snider ..... D10/69

\* cited by examiner

The article is a three-dimensional measuring instrument for lands, structures, vehicles, aircrafts and the like, wherein a laser beam scans on the objects.

FIG. 1 is a perspective view of the instrument taken in front, right-side, upper direction of the three-dimensional measuring instrument;

FIG. 2 is a perspective view of the instrument taken in rear, left-side, upper direction of the instrument;

FIG. 3 is a front view of the instrument;

FIG. 4 is a rear view of the instrument;

FIG. 5 is a left-side view of the instrument;

FIG. 6 is a right-side view of the instrument;

FIG. 7 is a plan view of the instrument; and,

FIG. 8 is a bottom view of the instrument.

In the perspective views of FIGS. 1 and 2, sectioned narrow lines on ridge lines indicate a contour, not indicate patterns. Rectangles in the front view of FIG. 3 and the rear view of FIG. 4 are transparent.

**1 Claim, 7 Drawing Sheets**

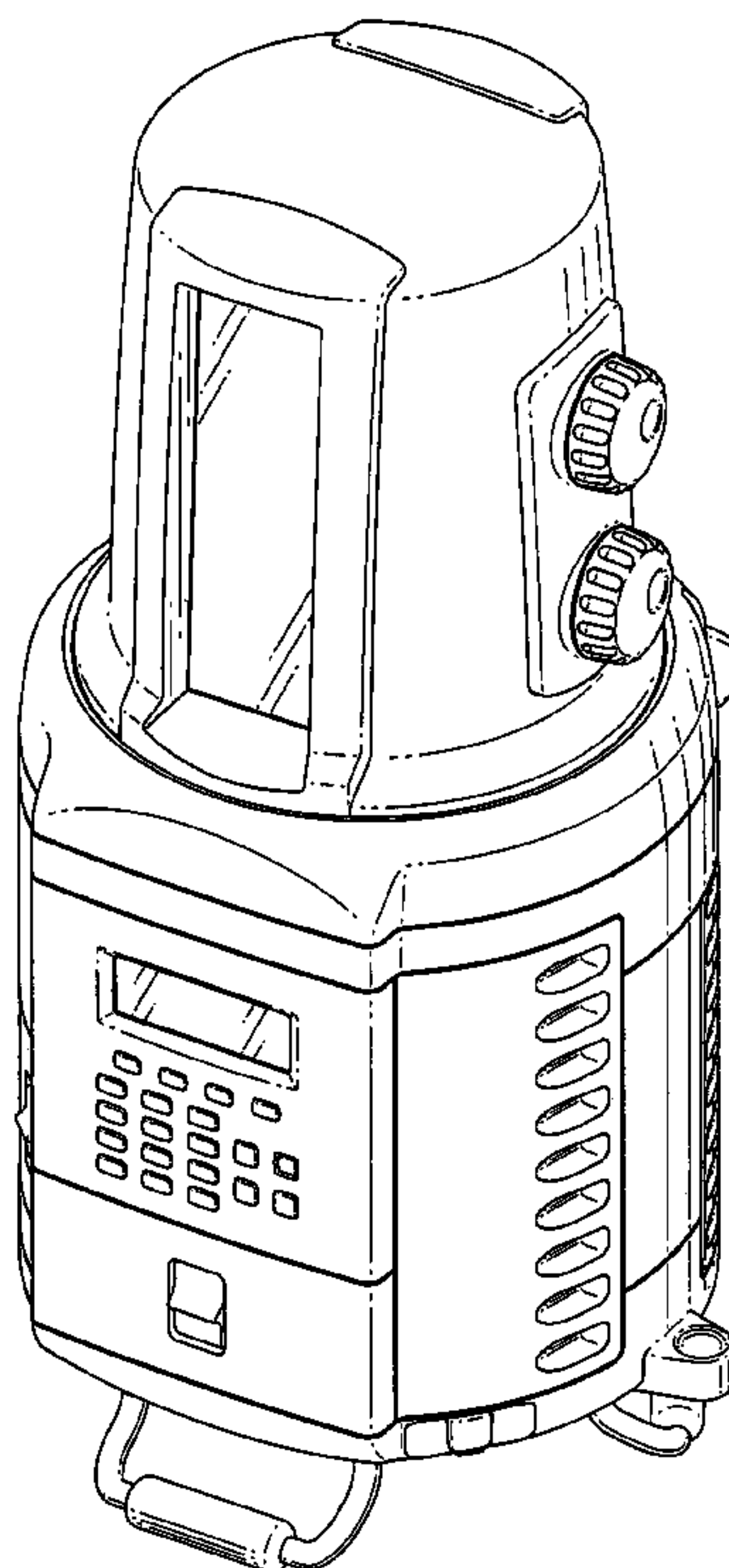


FIG.1

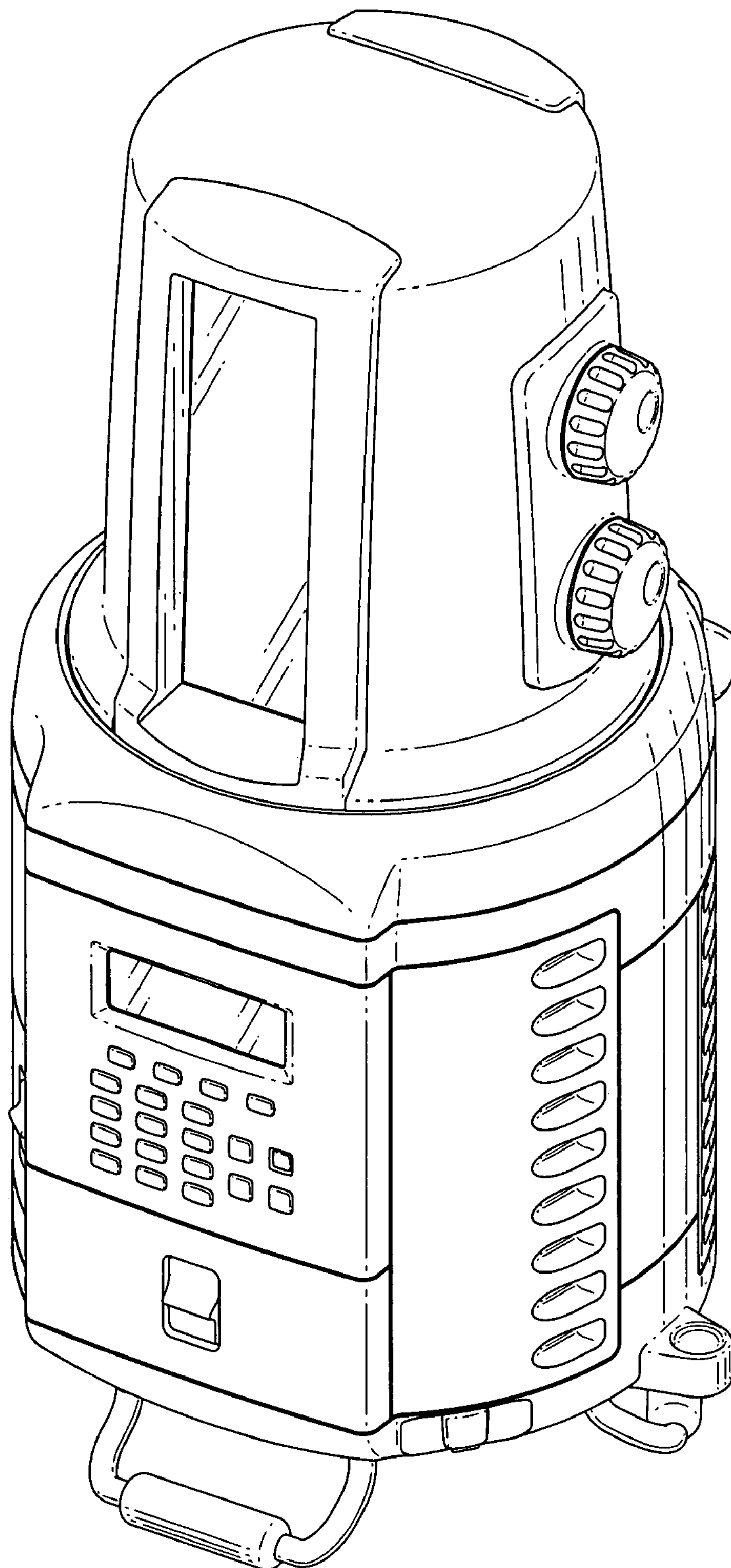


FIG.2

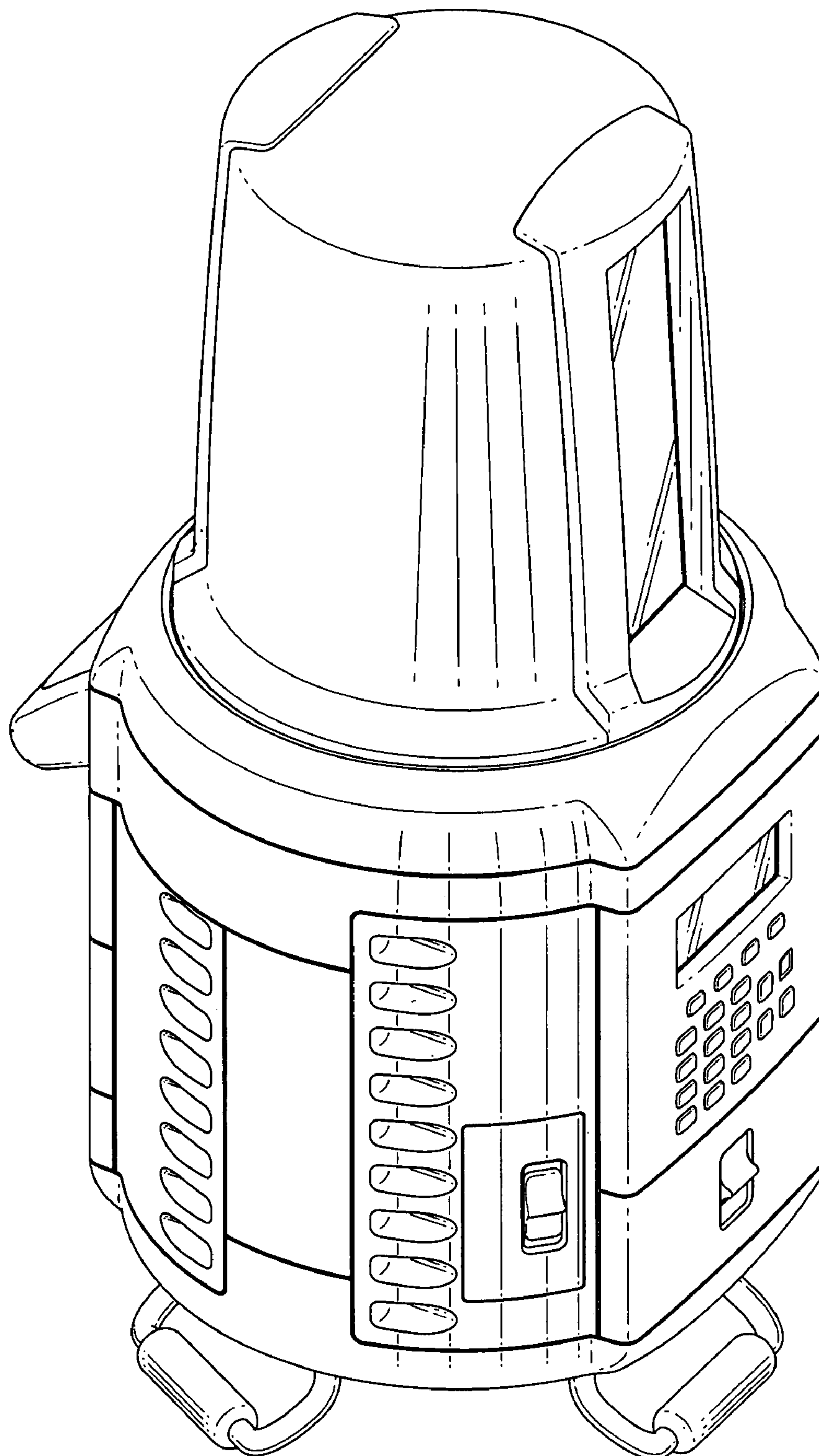


FIG.3

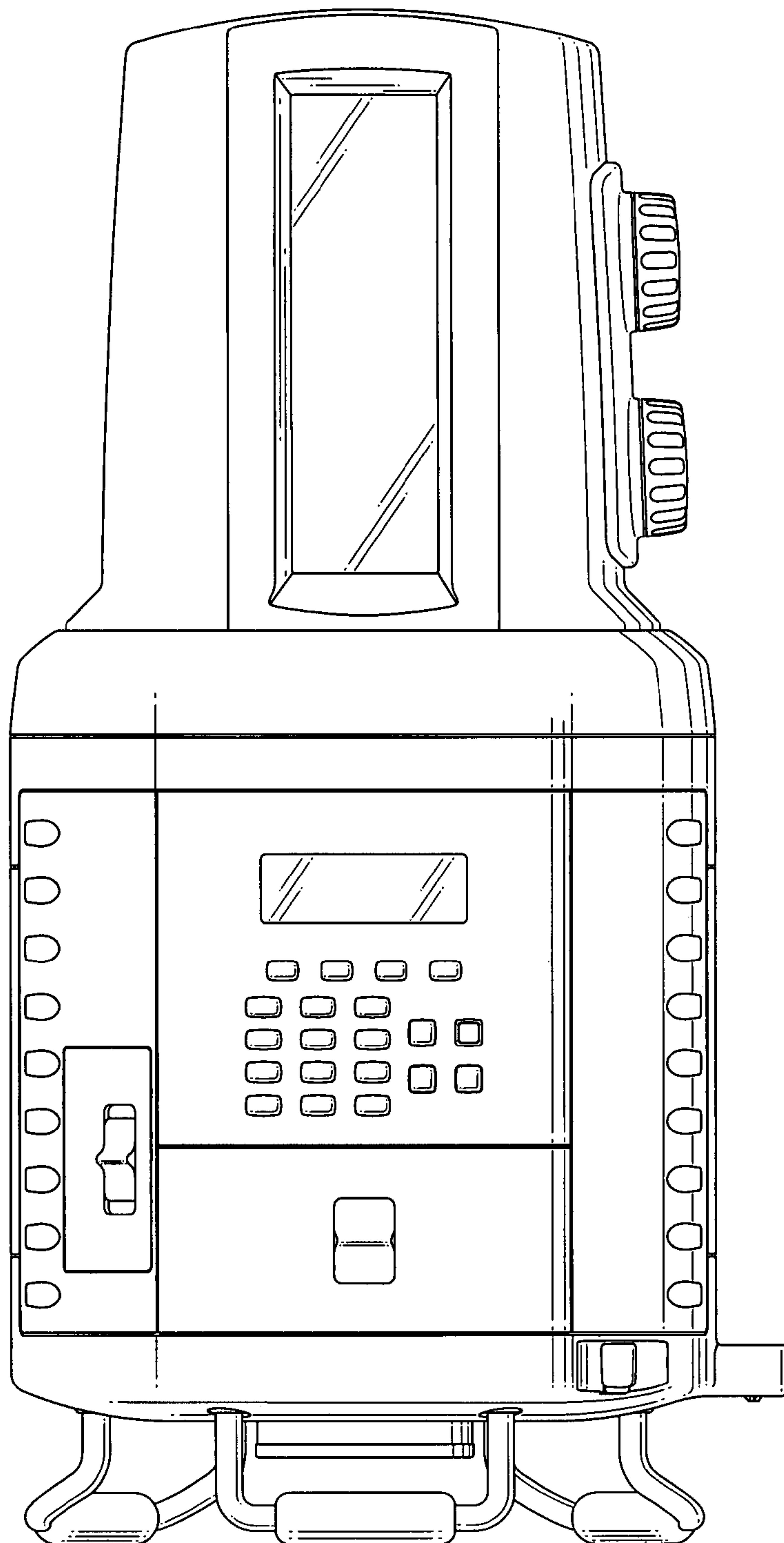


FIG.4

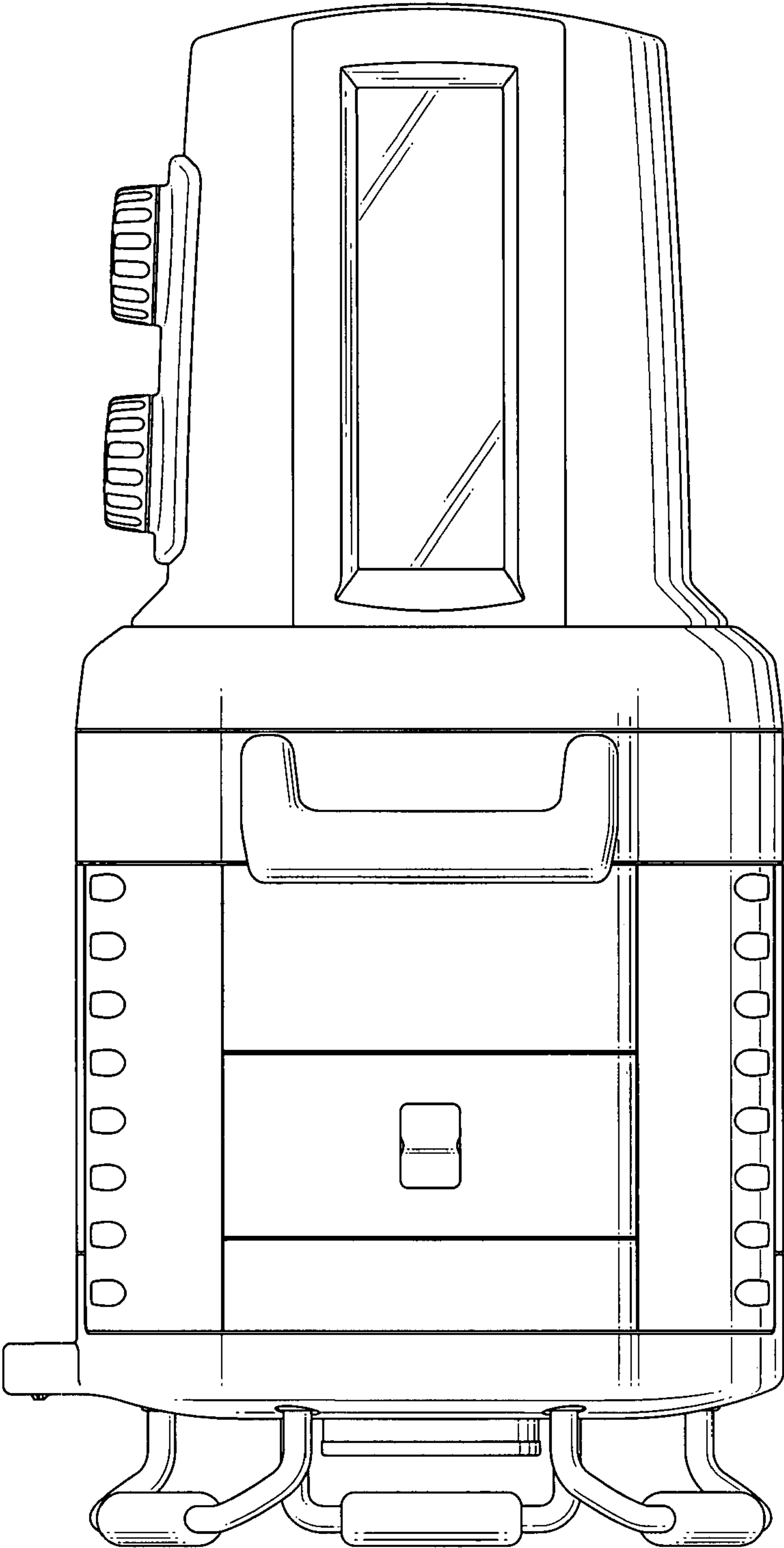


FIG.5

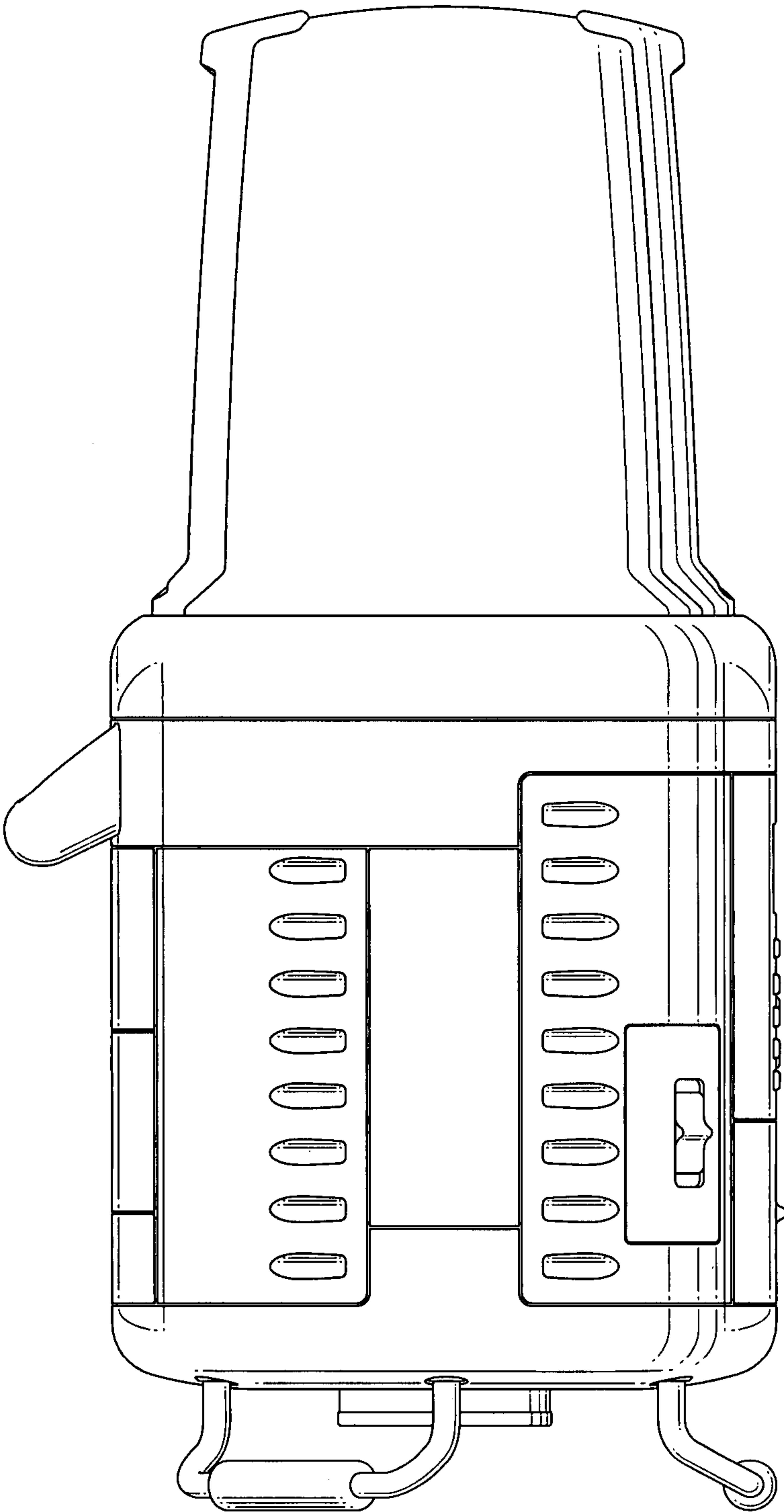


FIG.6

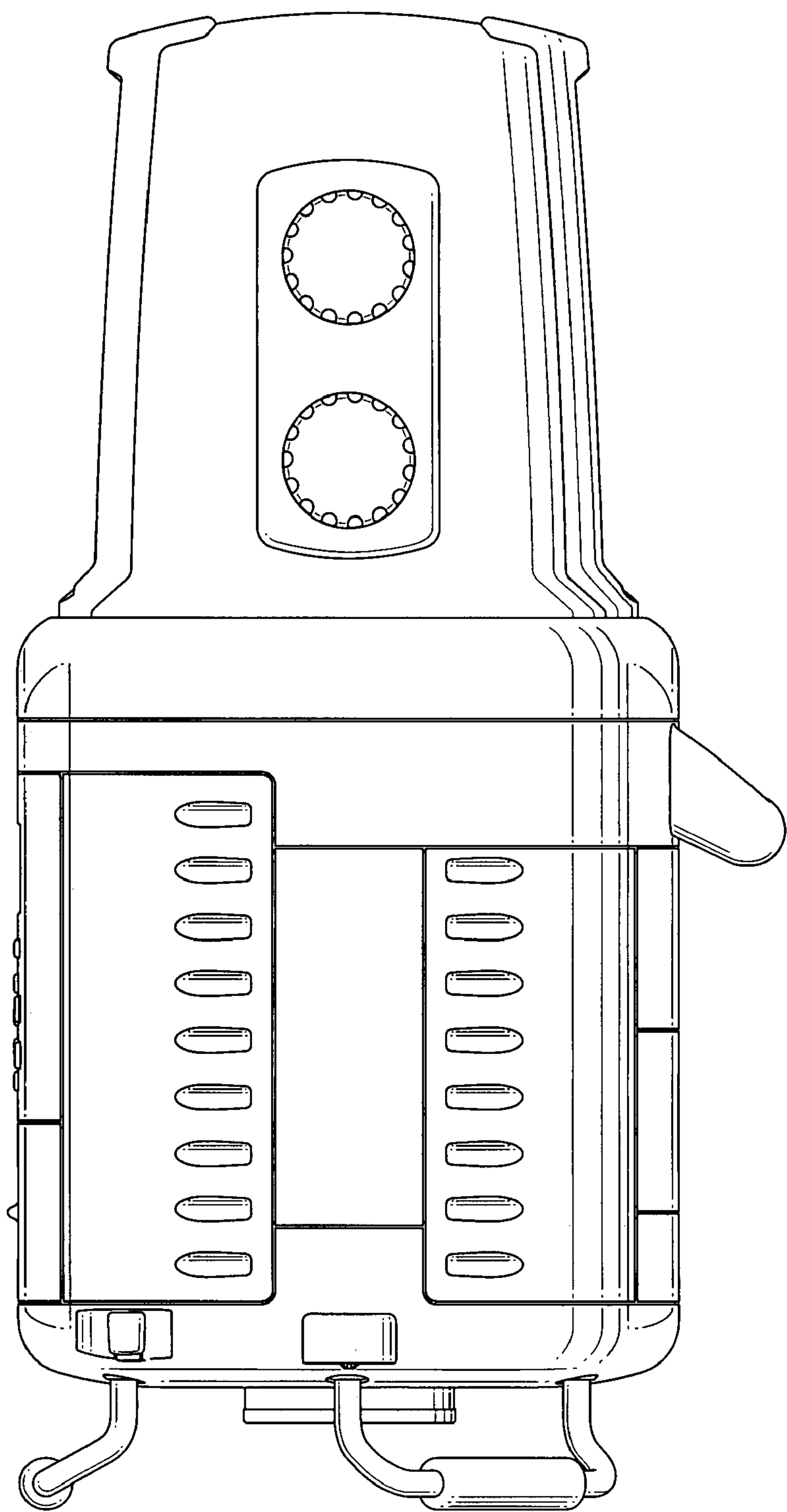


FIG.7

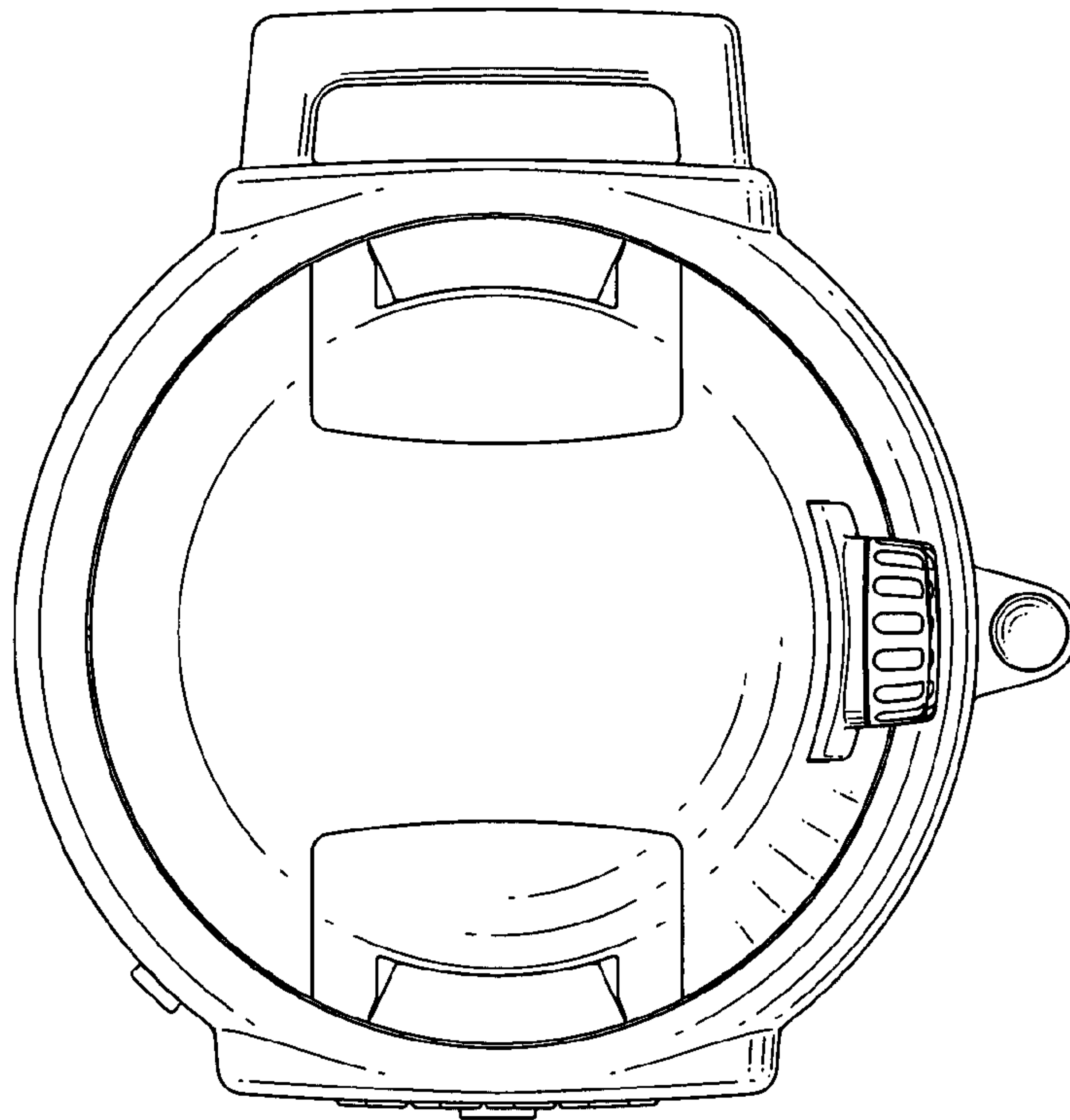


FIG.8

