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

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(54) **CENTRIFUGAL SEPARATOR**

D340,249 S * 10/1993 Steele D15/147
5,851,169 A * 12/1998 Meresz et al. 494/12
5,855,545 A * 1/1999 Kishi et al. 494/12

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* cited by examiner

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

(21) Appl. No.: **29/181,660**

(22) Filed: **May 15, 2003**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a centrifugal separator, as shown and described.

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DESCRIPTION

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

FIG. 1 is a front view of the centrifugal separator showing our new design;

(52) **U.S. Cl.** **D10/81**

FIG. 2 is a rear view thereof;

(58) **Field of Classification Search** D10/81;

FIG. 3 is a top plan view thereof;

D15/147; 494/11–12; 422/56–57, 65–67

FIG. 4 is a bottom view thereof;

See application file for complete search history.

FIG. 5 is a right side view thereof; and,

FIG. 6 is a left side view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,004,502 A * 4/1991 Ramzan 106/287.13

1 Claim, 6 Drawing Sheets

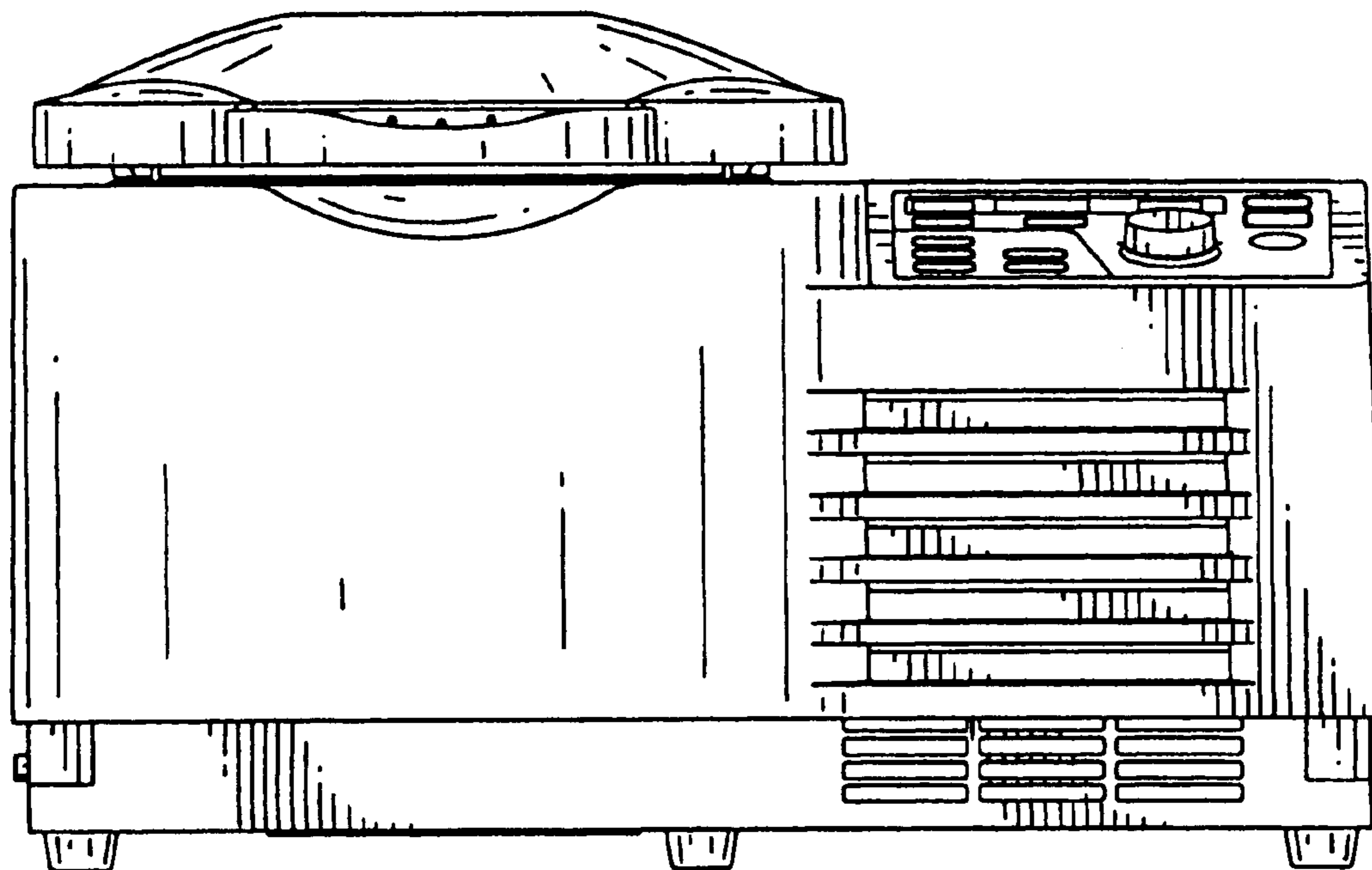


FIG. 1

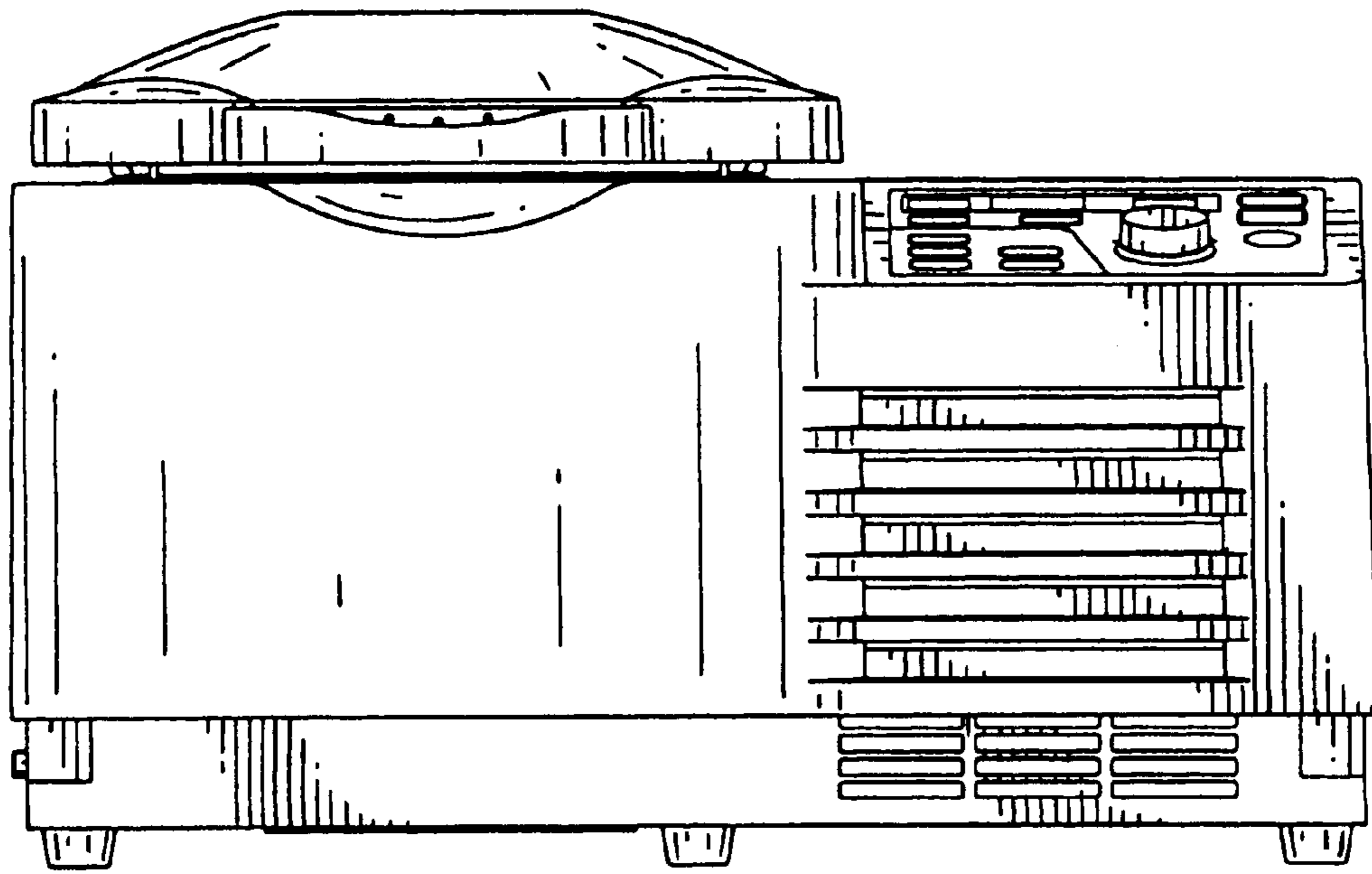


FIG.2

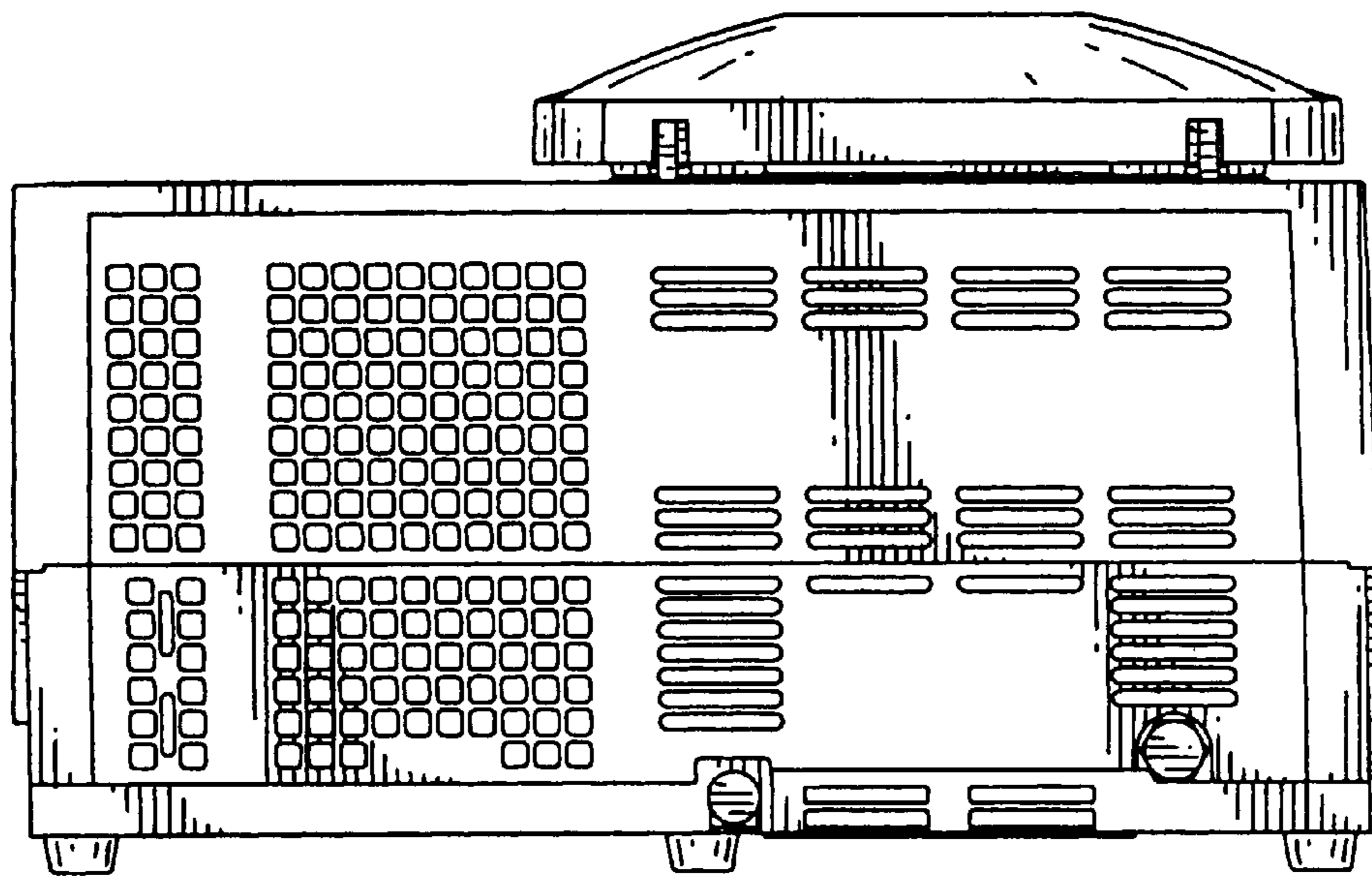


FIG.3

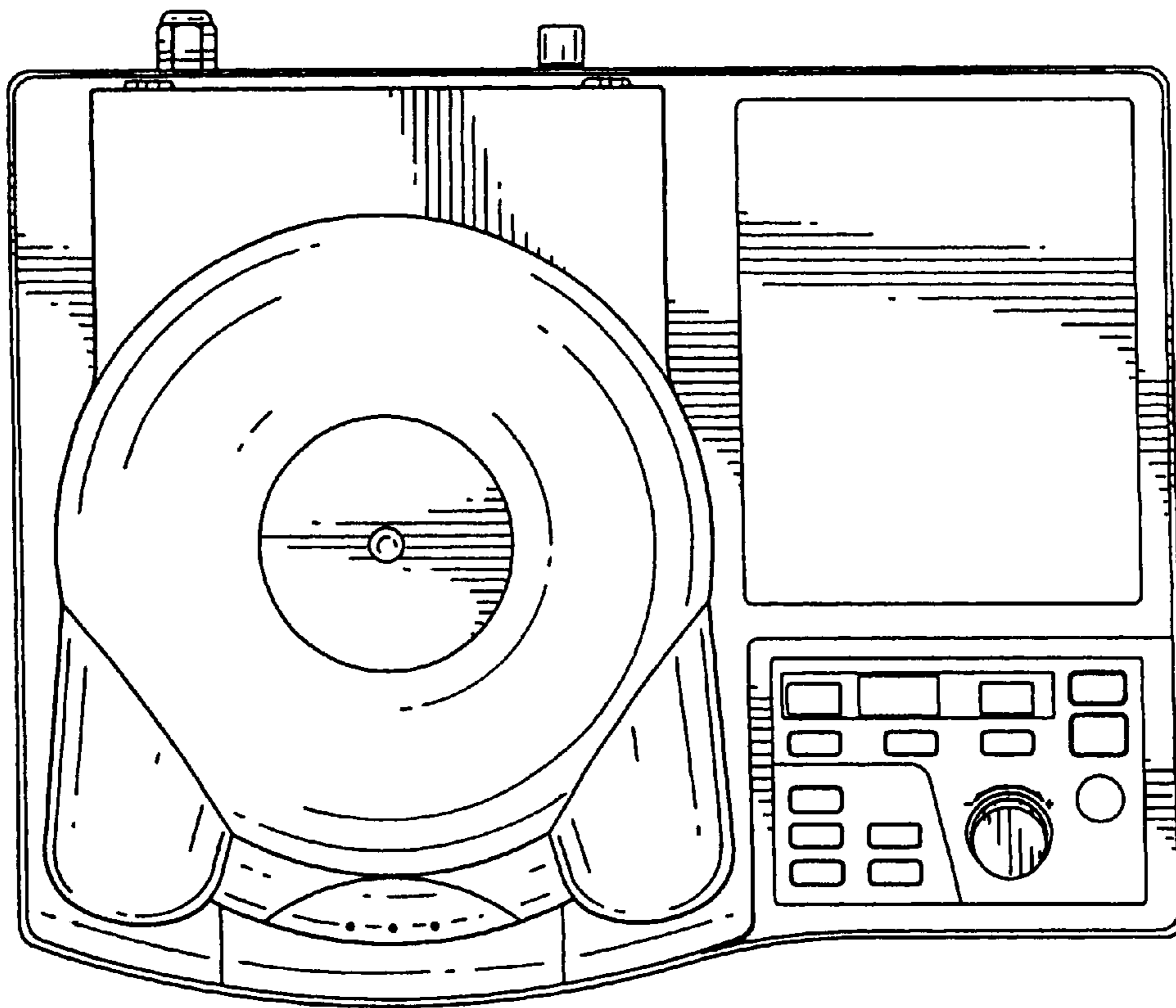


FIG.4

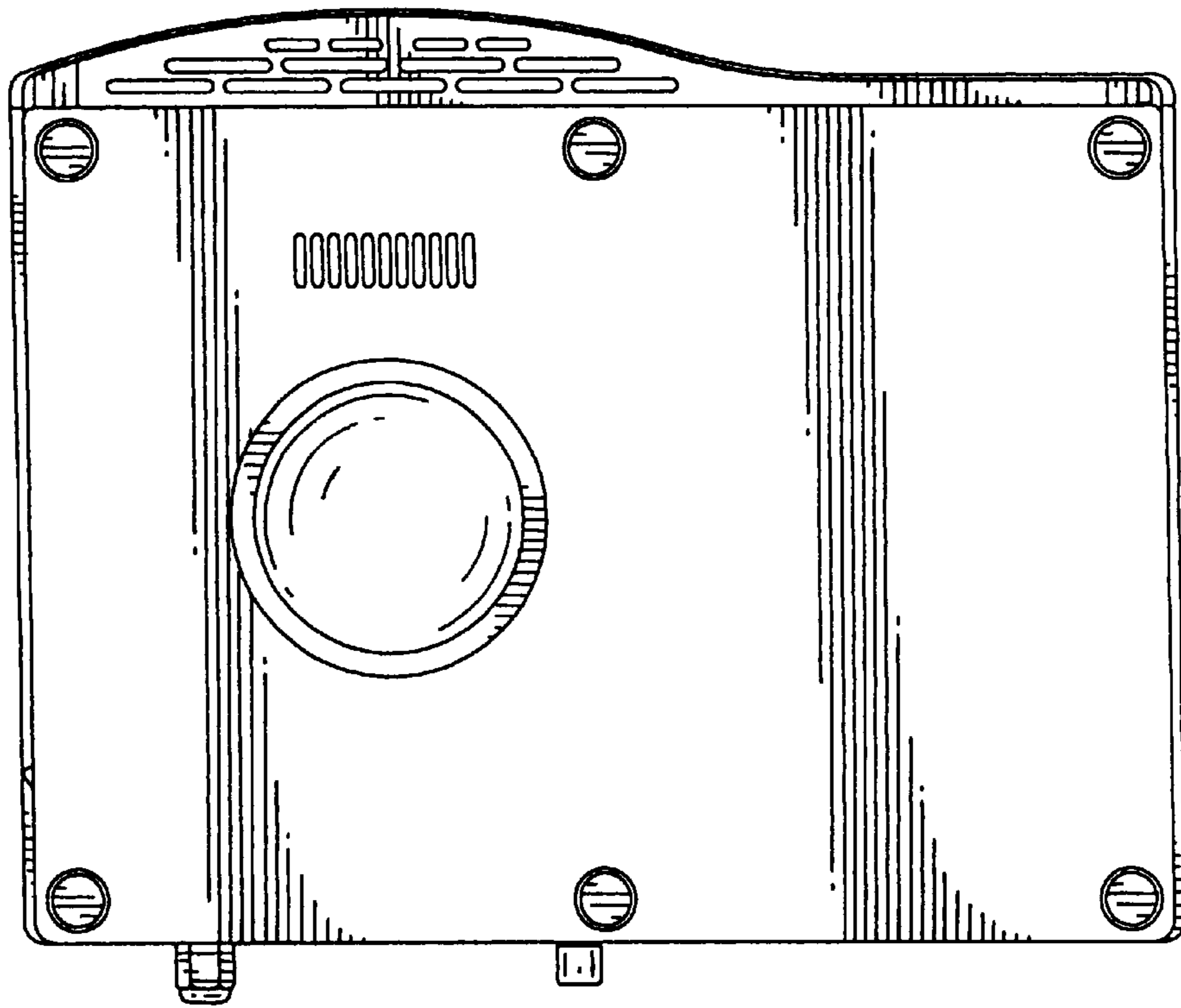


FIG.5

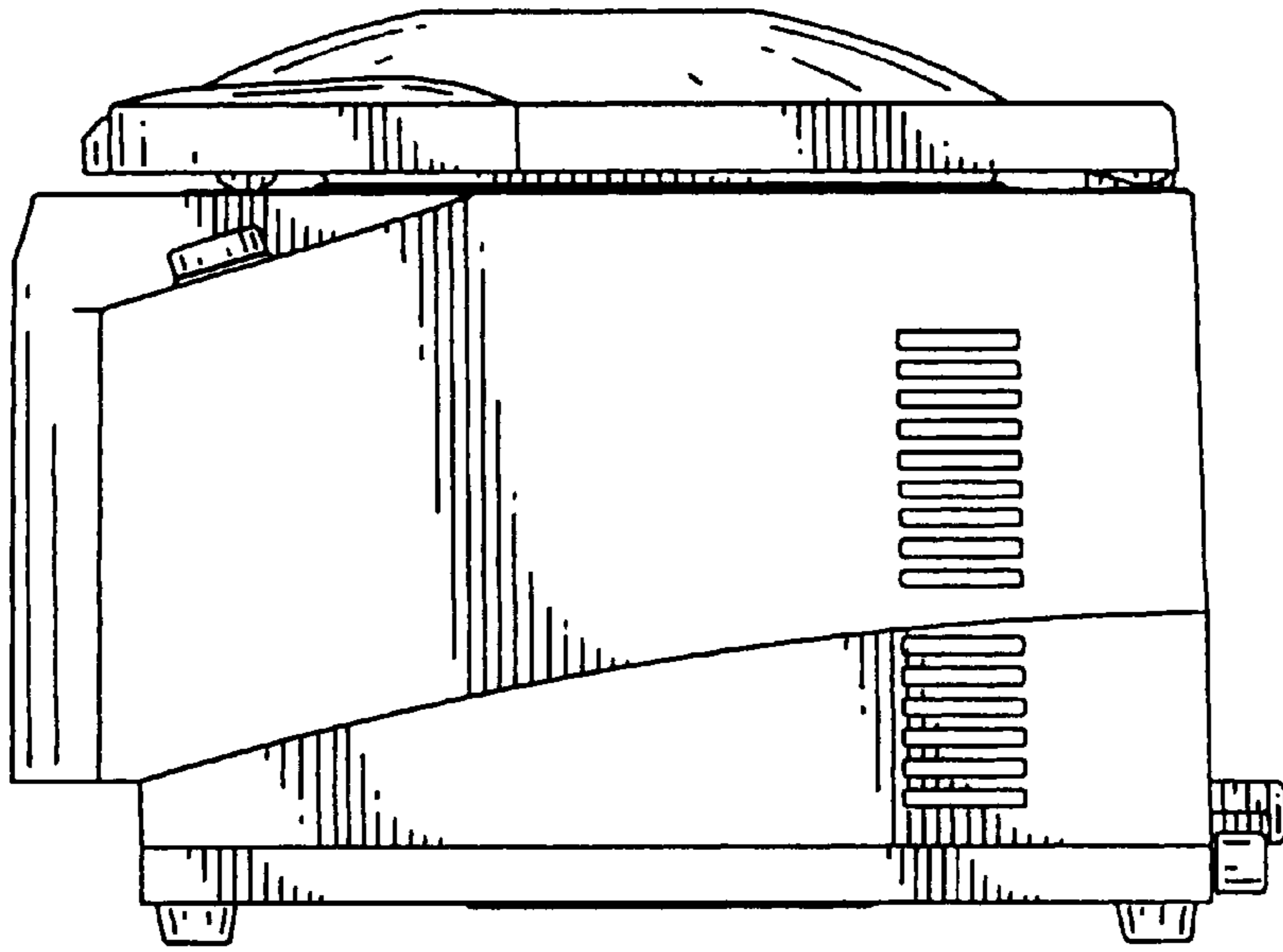


FIG.6

