



US00D333848S

# United States Patent [19]

[11] Patent Number: **Des. 333,848**

Tse

[45] Date of Patent: **\*\* Mar. 9, 1993**

[54] JOY STICK

4,658,666 4/1987 Liu ..... 273/148 B X

[75] Inventor: **Michael K. Tse**, Kowloon, Hong Kong

### OTHER PUBLICATIONS

Merchandising, Mar. 1983, p. 53, Joy Sticks as shown.

[73] Assignee: **STD Electronic International Ltd.**, Hong Kong, Hong Kong

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*Attorney, Agent, or Firm*—Burns, Doane, Swecker & Mathis

[\*\*] Term: **14 Years**

[21] Appl. No.: **733,249**

### [57] CLAIM

[22] Filed: **Jul. 22, 1991**

The ornamental design for a joy stick, as shown and described.

[52] U.S. Cl. .... **D21/48**

[58] Field of Search ..... **D21/13, 48; 273/148 B, 273/433-438, DIG. 28**

### DESCRIPTION

### [56] References Cited

#### U.S. PATENT DOCUMENTS

- D. 269,608 7/1983 Kim ..... D21/13 X
- D. 317,946 7/1991 Tse ..... D21/48
- D. 317,949 7/1991 Tse ..... D21/48
- 4,439,649 3/1984 Cecchi ..... 273/438 X

FIG. 1 is a front elevational view of a joy stick showing my new design;

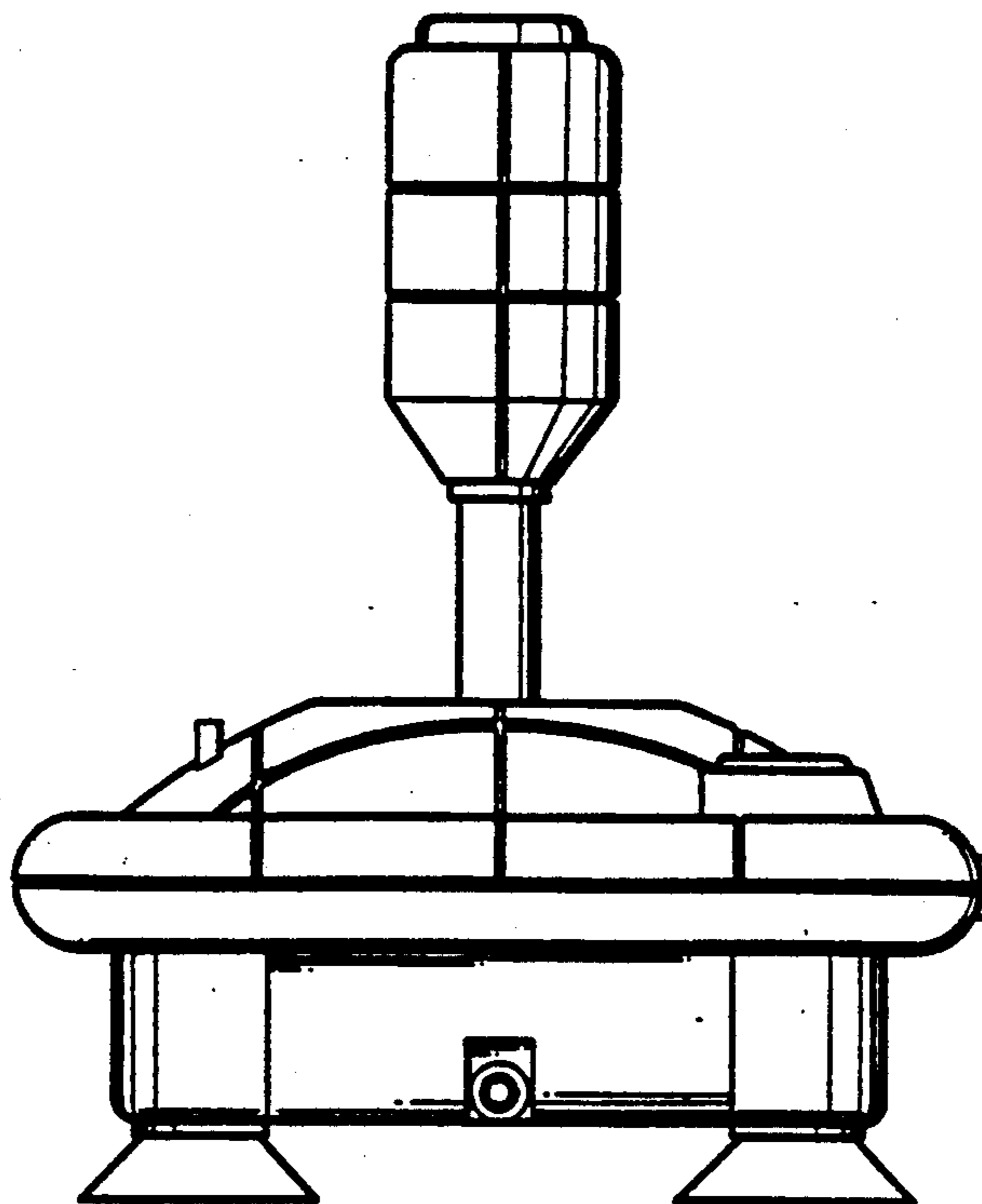
FIG. 2 is a rear elevational view thereof;

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; and,

FIG. 6 is a bottom plan view thereof.



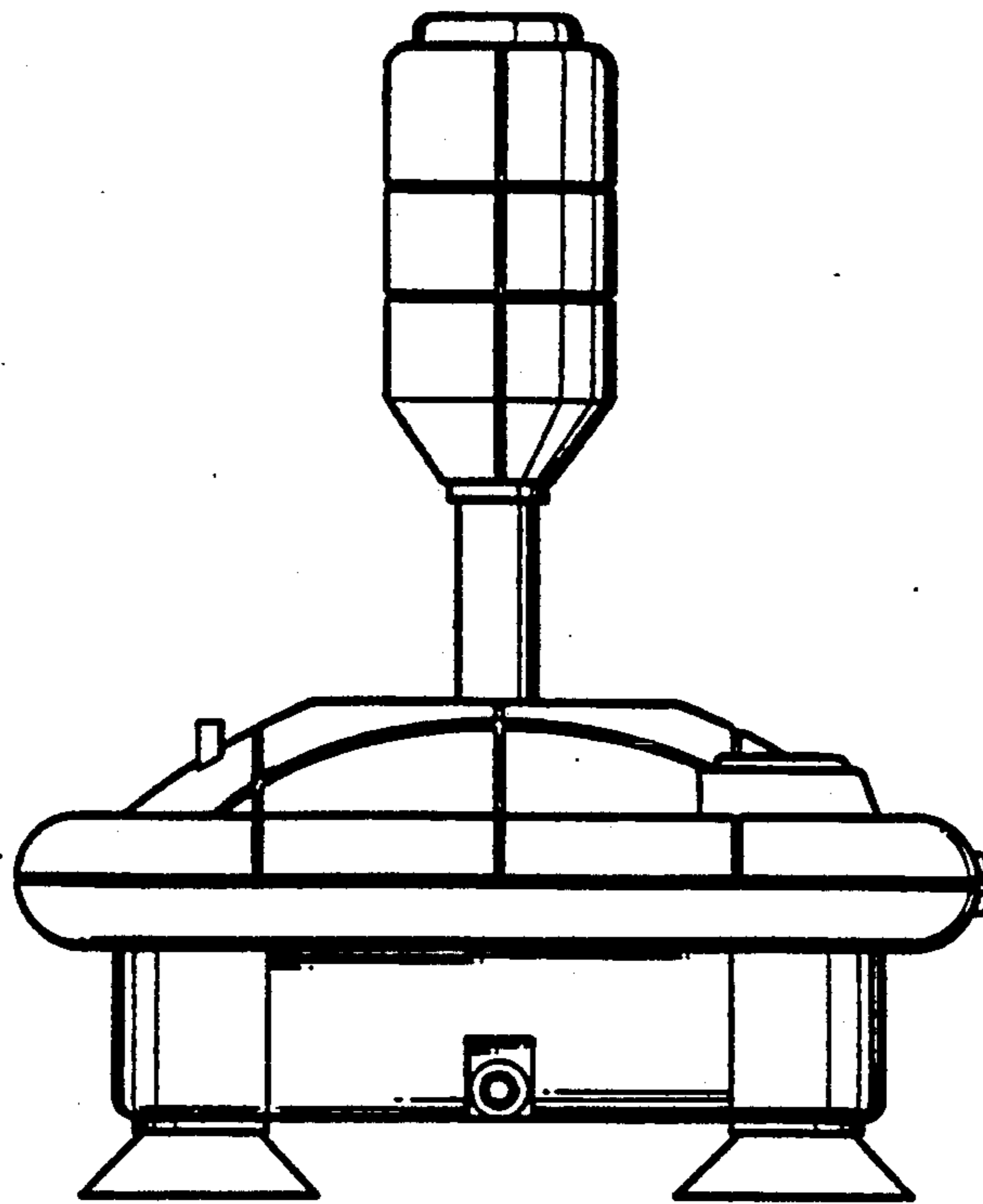


FIGURE 1

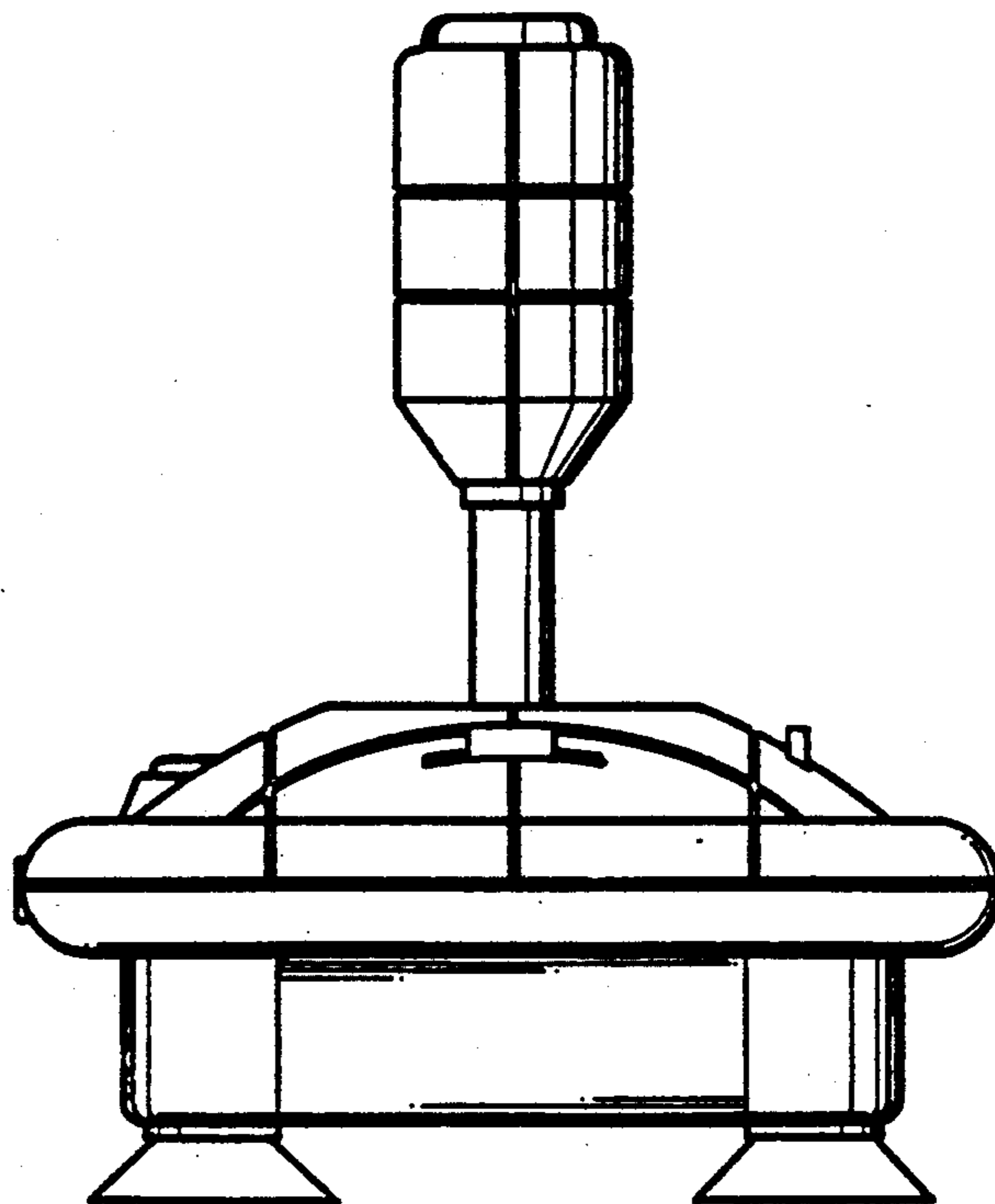


FIGURE 2

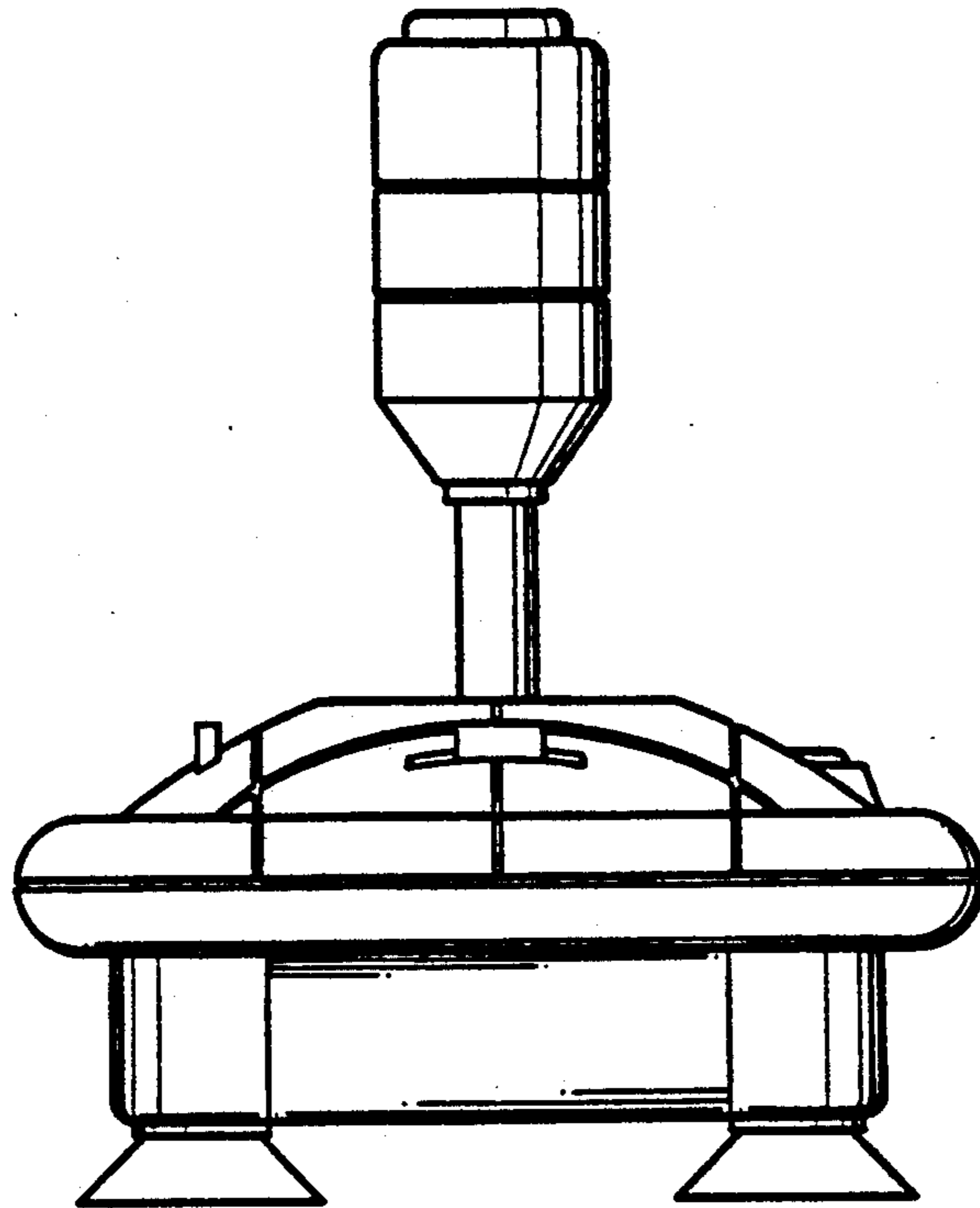


FIGURE 3

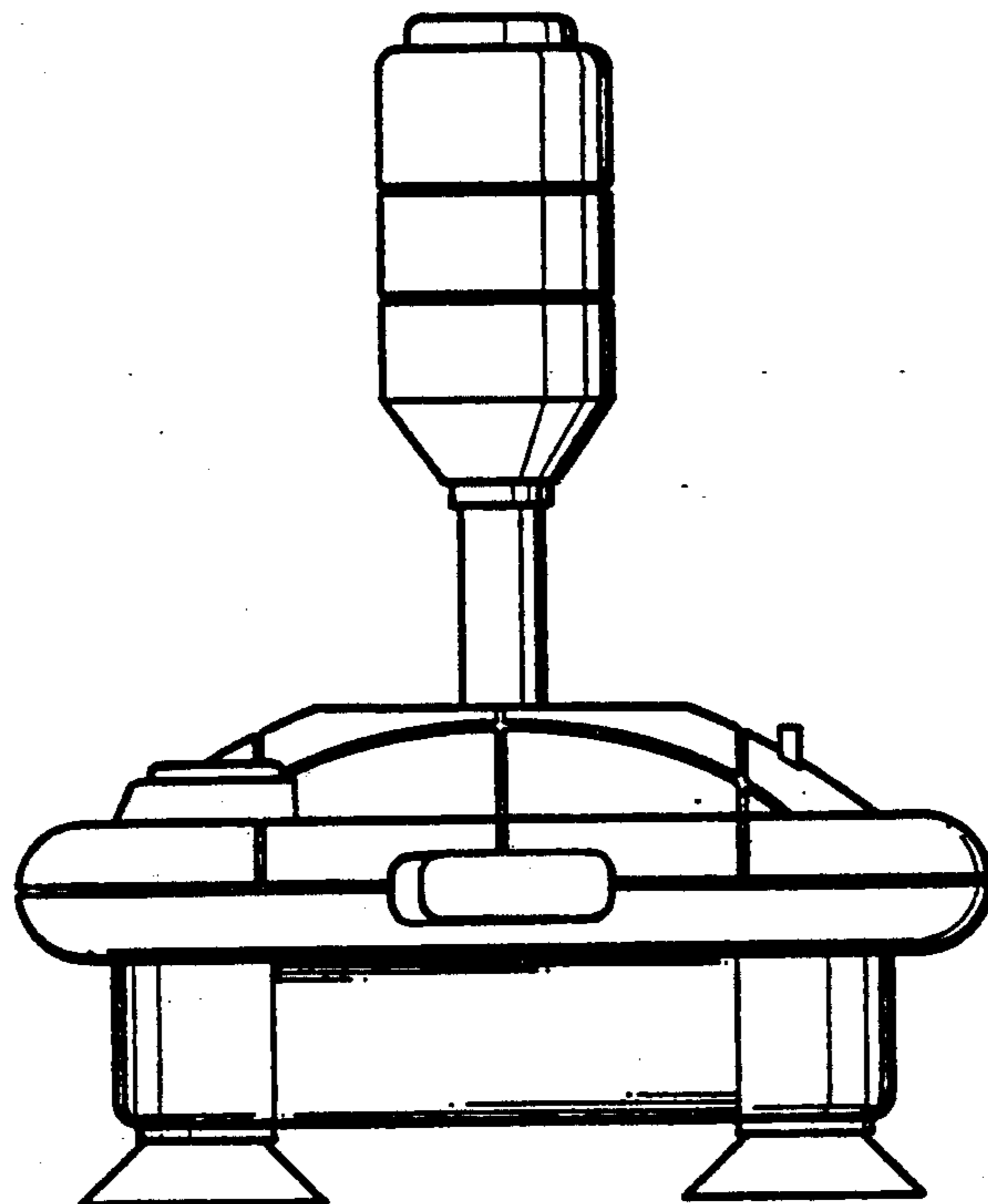


FIGURE 4

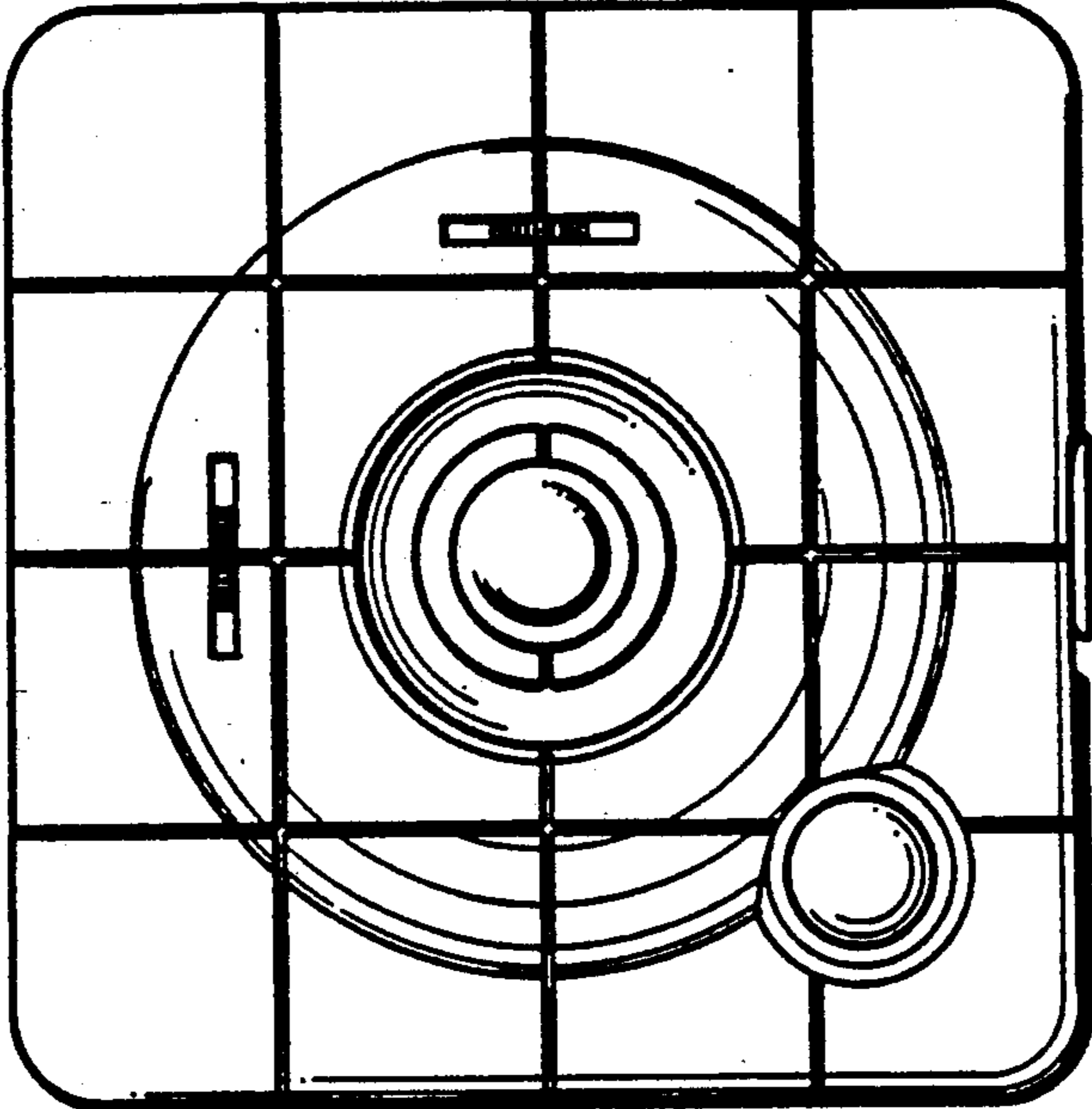


FIGURE 5

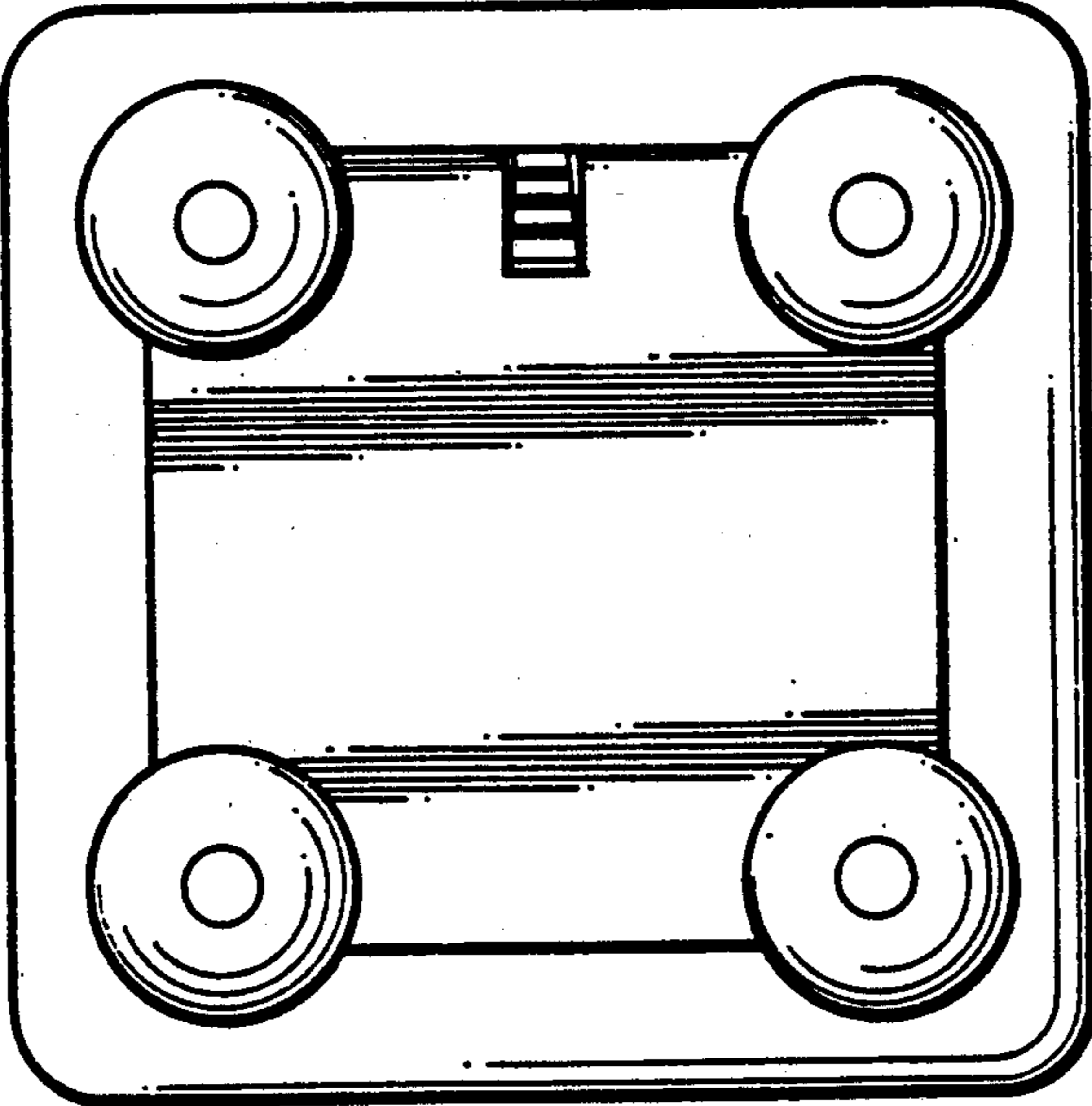


FIGURE 6