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United States Patent [19]

[11] Patent Number: **Des. 324,930**

Pino

[45] Date of Patent: **** Mar. 24, 1992**

[54] **VACUUM CLEANER**

D. 280,768 9/1985 Ferrans et al. D32/23
D. 296,945 7/1988 Erickson, Jr. D32/23

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DeWitt & Litton

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

[21] Appl. No.: **536,485**

[57] **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

[22] Filed: **Jun. 12, 1990**

[52] U.S. Cl. **D32/23**

[58] Field of Search **D32/23-24;**
15/412, 327.1, 327.2, 327.6, 327.7, 347

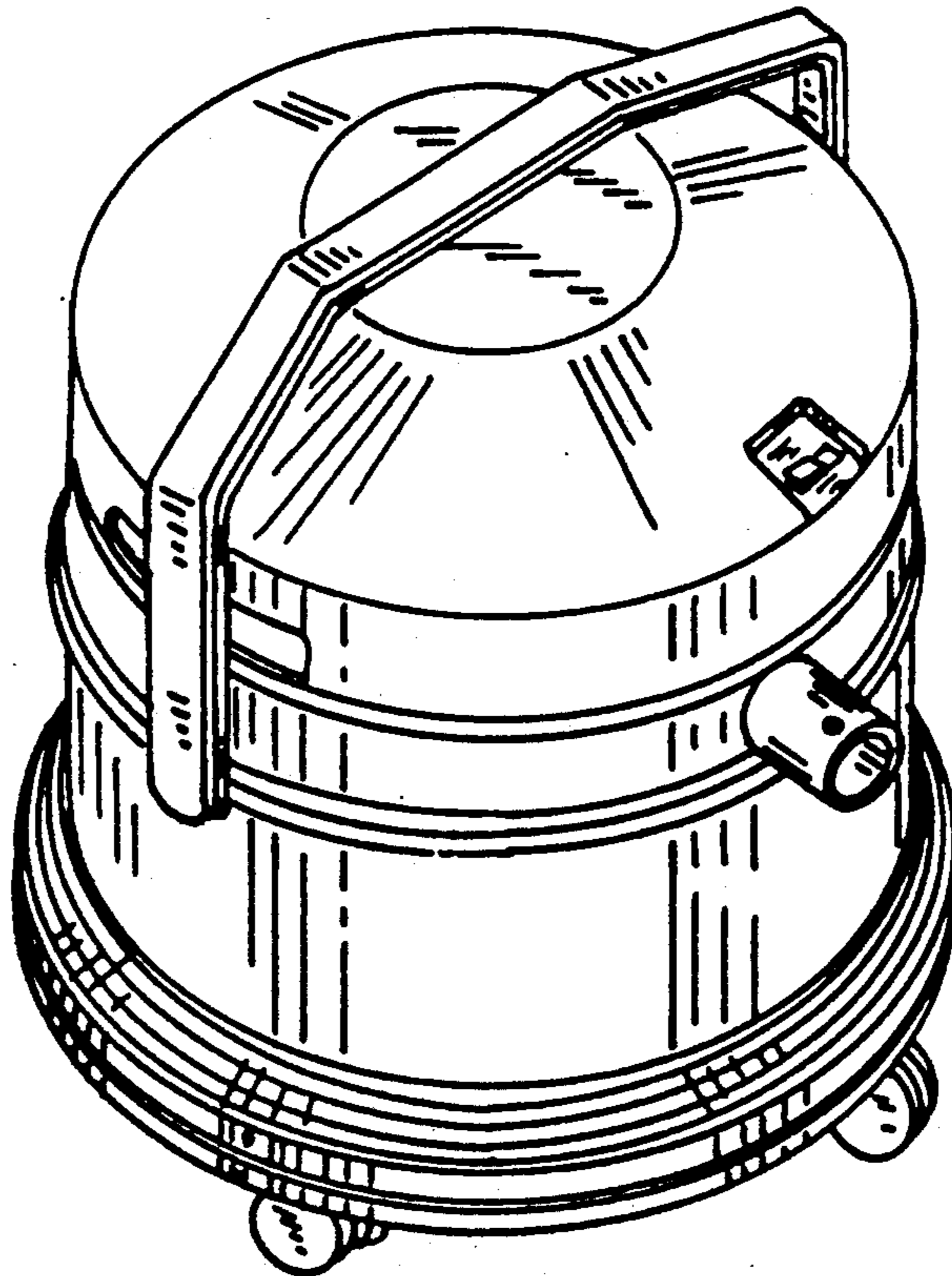
DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof; and,
FIG. 5 is a side elevational view thereof, the opposite side being a mirror image.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 178,199 7/1956 Martinec D32/23
D. 224,624 8/1972 Walz et al. D32/23
D. 258,064 1/1981 Pearman, Jr. D32/23



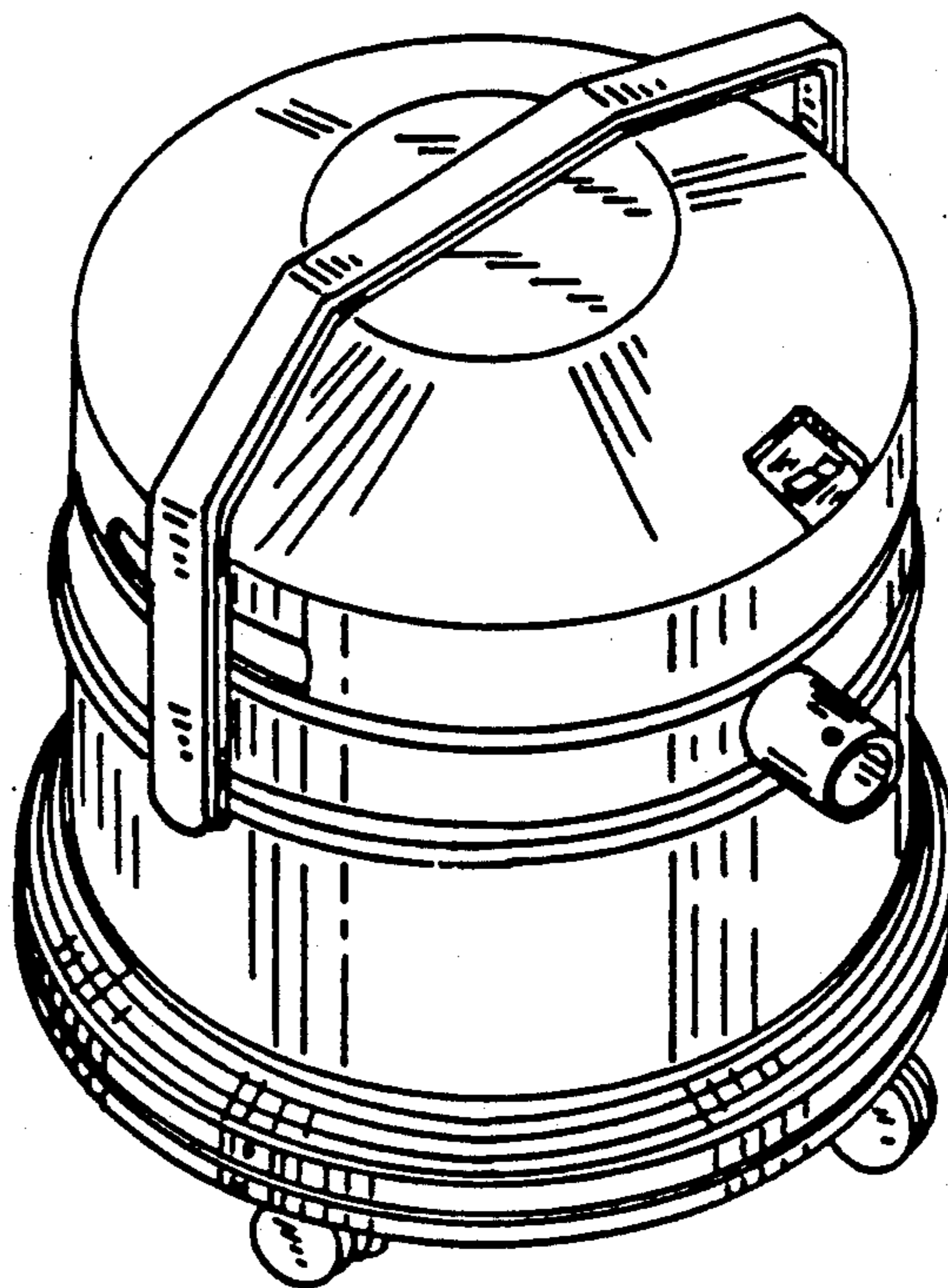


FIG. 1

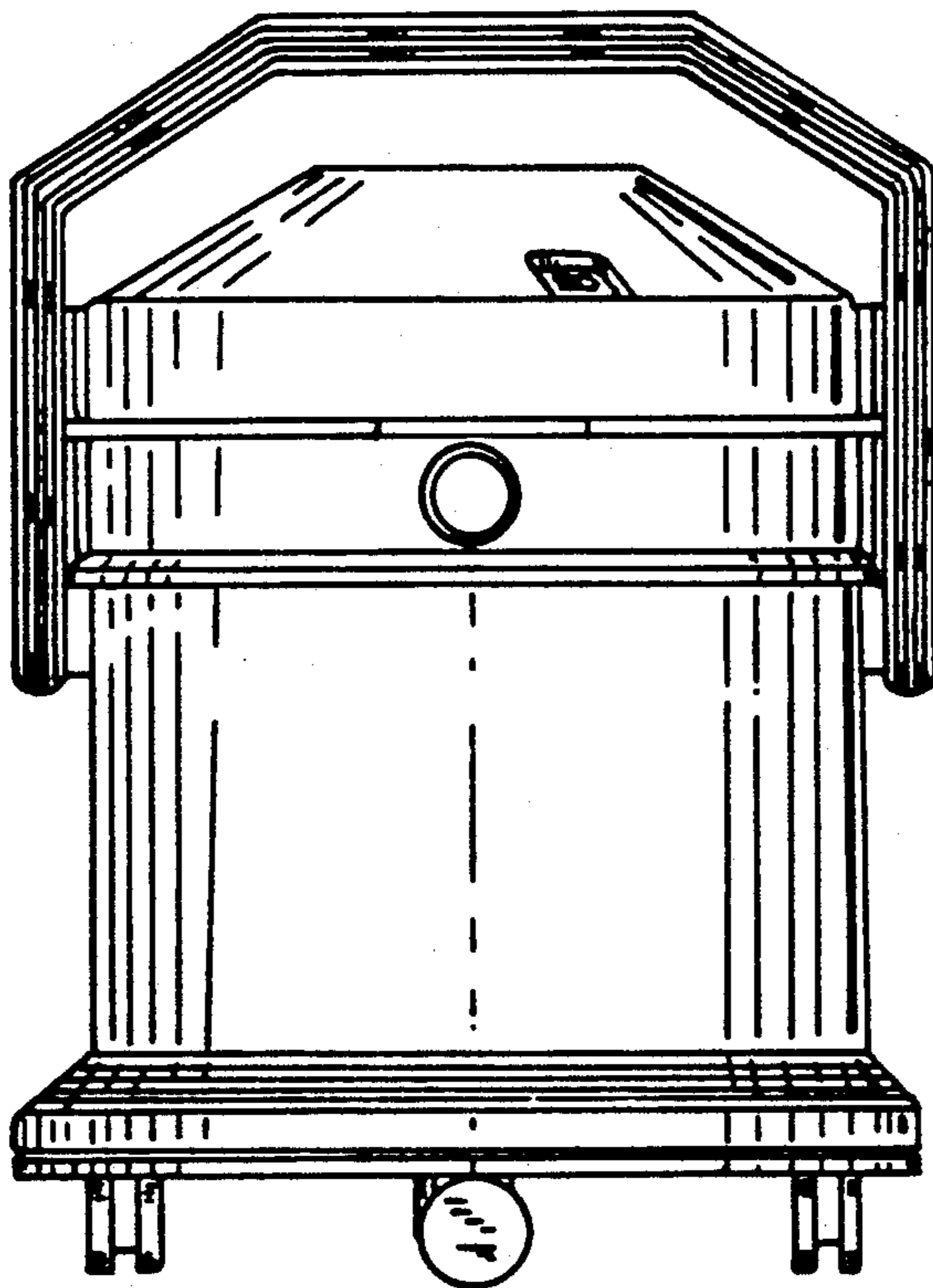


FIG. 2

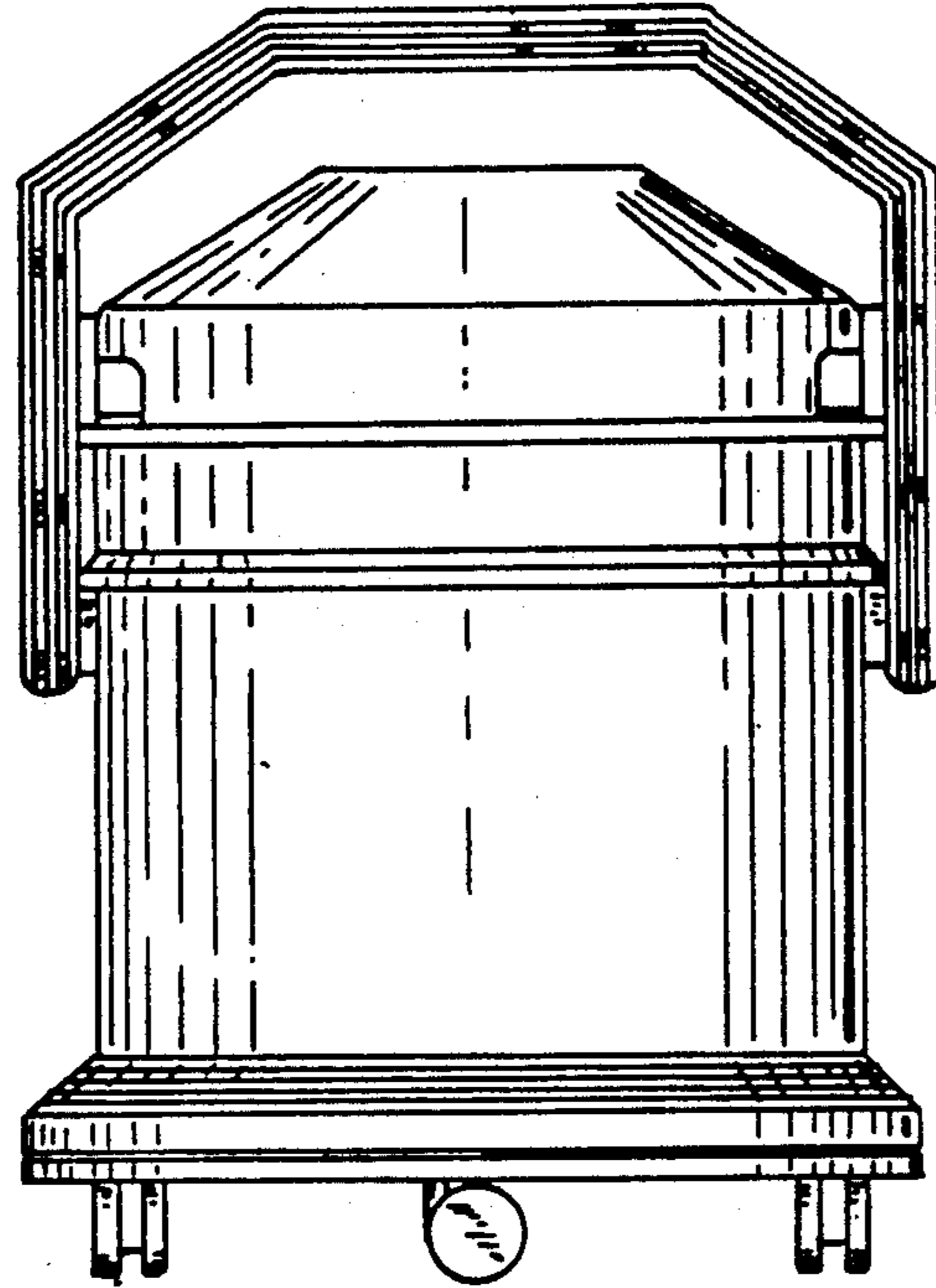


FIG. 3

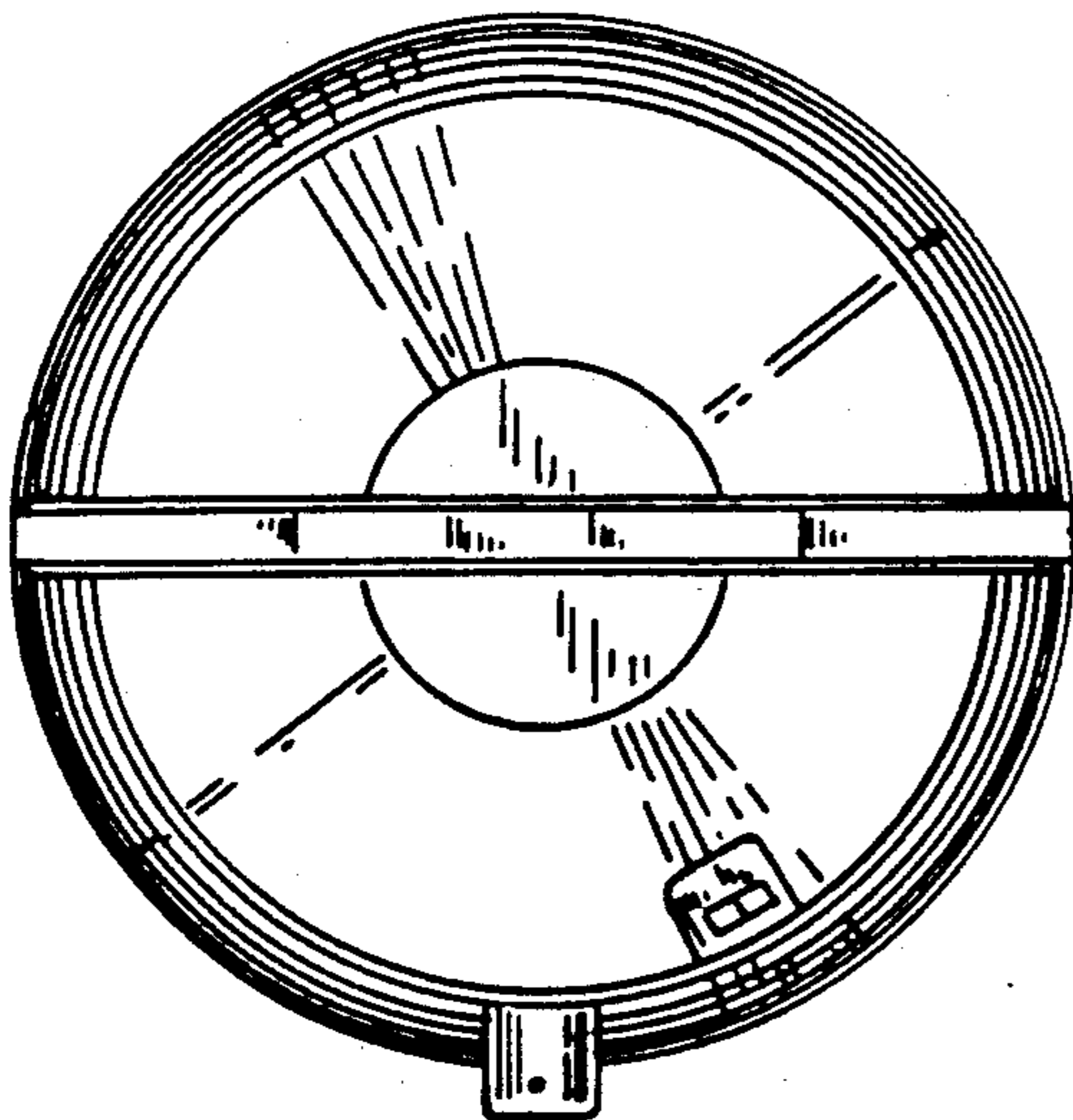


FIG. 4

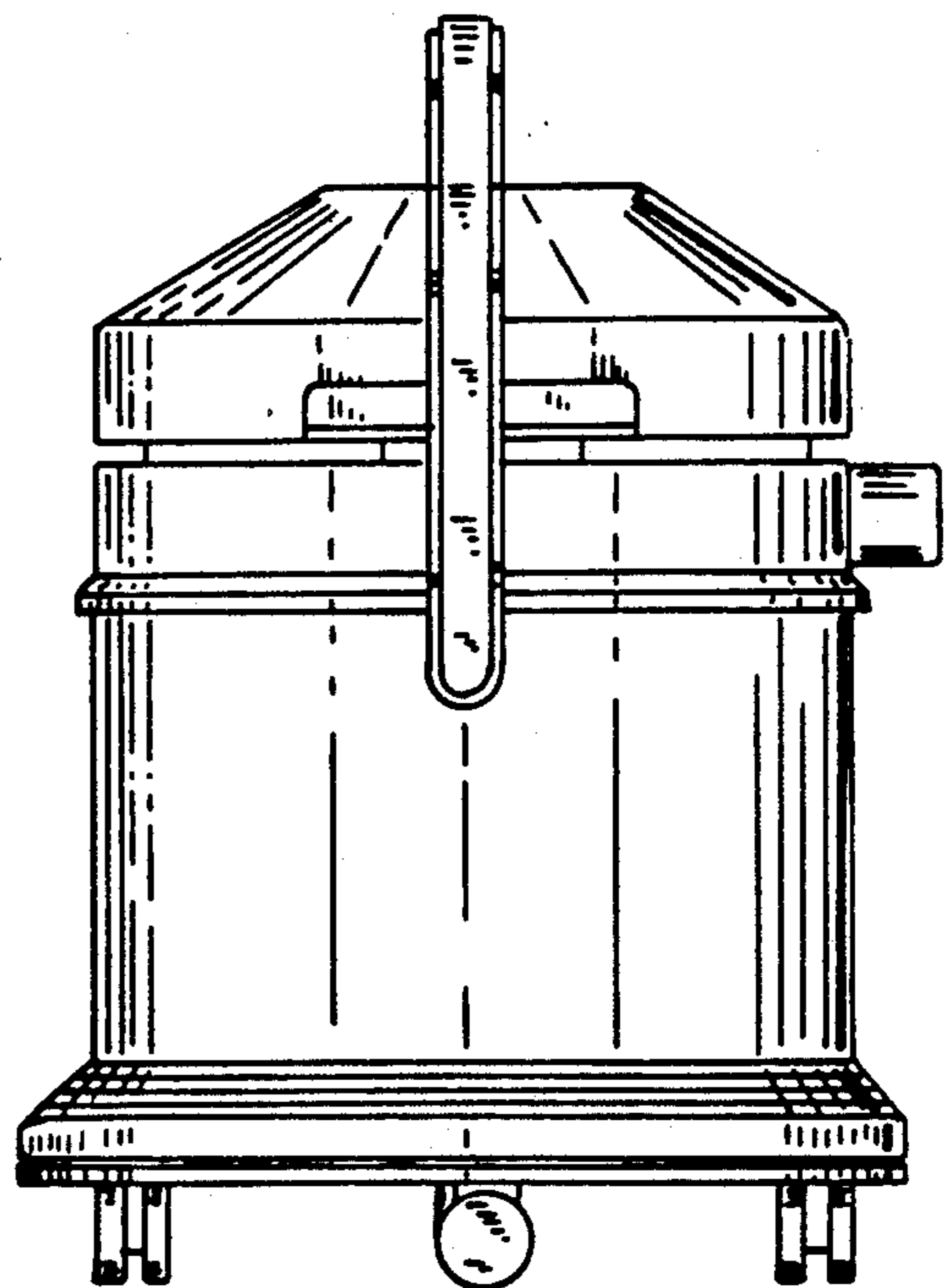


FIG. 5