

[54] INDUSTRIAL VACUUM CLEANER

DESCRIPTION

[75] Inventors: Joseph F. Brooks; Vernon E. Flanders, both of Bloomington, Ill.

[73] Assignee: National Union Electric Corporation, Greenwich, Conn.

[**] Term: 14 Years

[21] Appl. No.: 683,686

[22] Filed: May 5, 1976

[51] Int. Cl. D15-05

[52] U.S. Cl. D15/54

[58] Field of Search D15/49, 52, 54, 39, D15/48; 15/300 R, 319, 320, 322, 325, 327, 340, 344, 347, 349, 353, 49 R, 50 R

FIG. 1 is a perspective view of an industrial vacuum cleaner embodying our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a top plan view of a second embodiment thereof;

FIG. 8 is a front elevational view thereof;

FIG. 9 is a side elevational view thereof;

FIG. 10 is a rear elevational view thereof;

FIG. 11 is a bottom plan view thereof;

FIG. 12 is a perspective view of a third embodiment thereof;

FIG. 13 is a top plan view thereof;

FIG. 14 is a front elevational view thereof;

FIG. 15 is a side elevational view thereof;

FIG. 16 is a rear elevational view thereof;

FIG. 17 is a bottom plan view thereof;

FIG. 18 is a top plan view of a fourth embodiment thereof;

FIG. 19 is a front elevational view thereof;

FIG. 20 is a side elevational view thereof;

FIG. 21 is a rear elevational view thereof;

FIG. 22 is a bottom plan view thereof;

FIG. 23 is a top plan view of a fifth embodiment thereof;

FIG. 24 is a front elevational view thereof;

FIG. 25 is a side elevational view thereof;

FIG. 26 is a rear elevational view thereof;

FIG. 27 is a bottom plan view thereof.

[56] References Cited

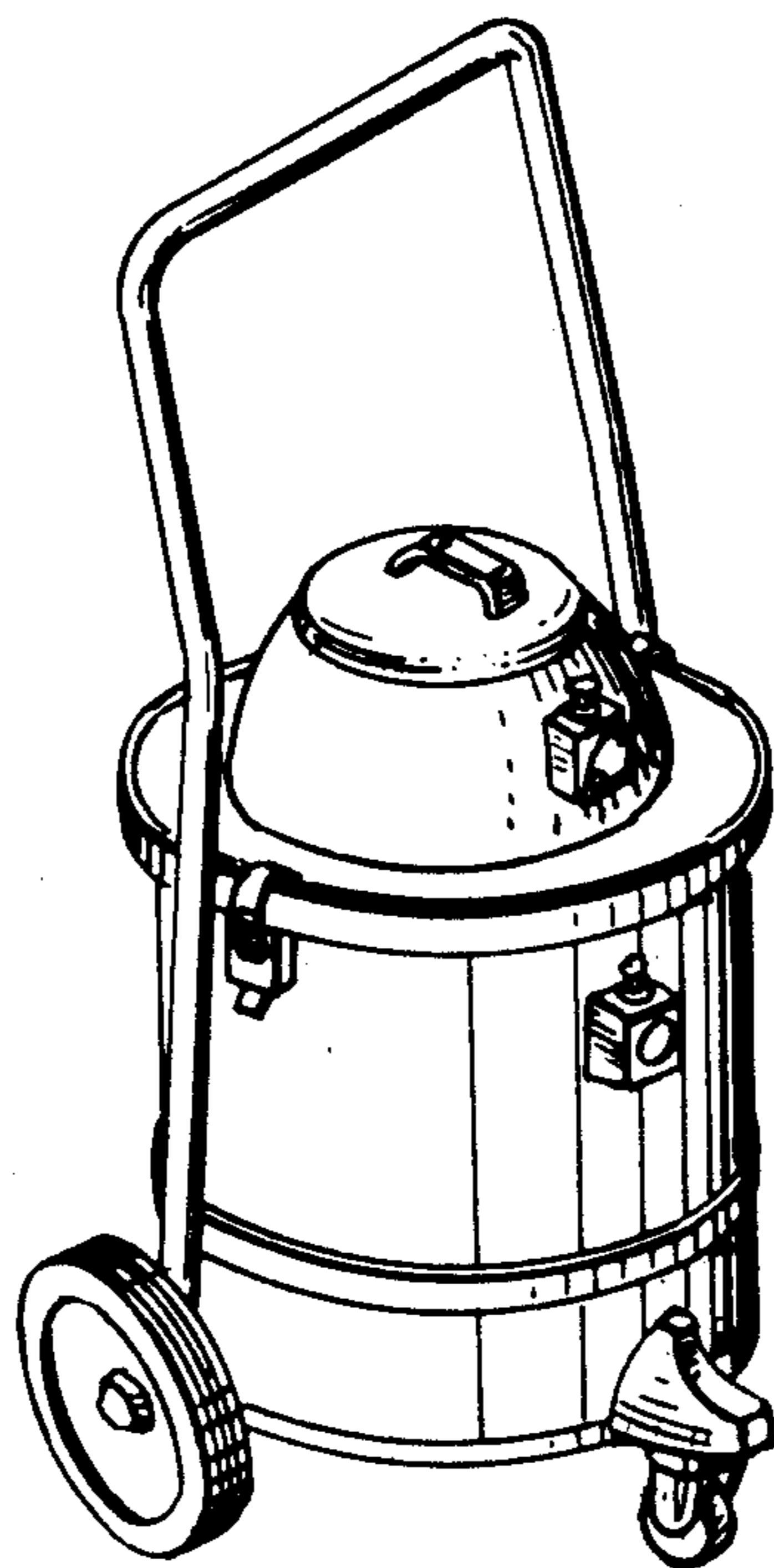
U.S. PATENT DOCUMENTS

D. 187,065	1/1960	Chapman	D15/54
D. 208,398	8/1967	Otto et al.	D15/52
D. 212,777	11/1968	Anderson	D15/34
D. 239,155	3/1976	Kent et al.	D15/49
3,180,071	4/1965	Nolte	D15/353 UX

Primary Examiner—Wallace R. Burke
 Assistant Examiner—Catherine Kemper
 Attorney, Agent, or Firm—Alfred E. Miller

[57] CLAIM

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



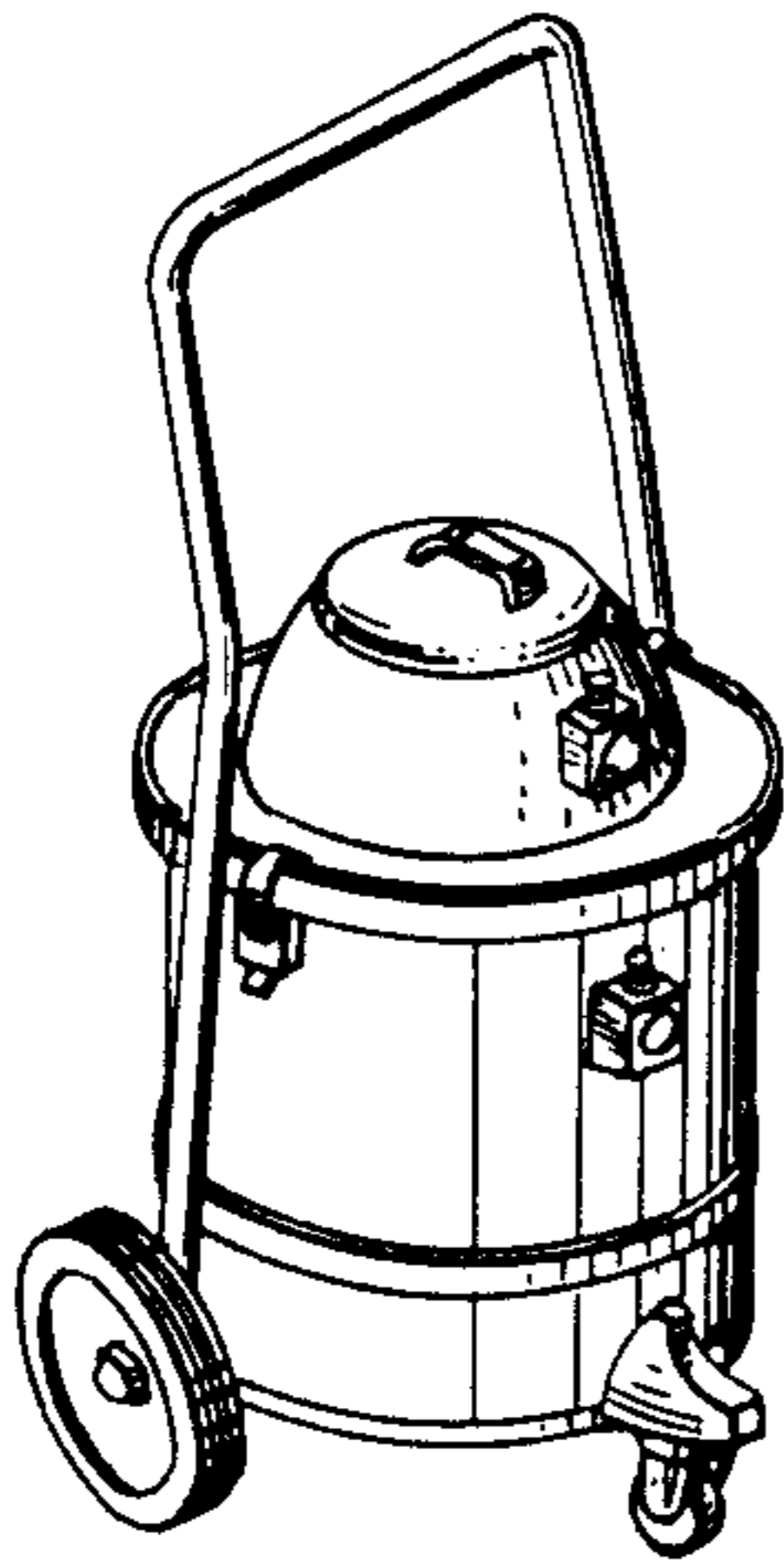


Fig. 1.

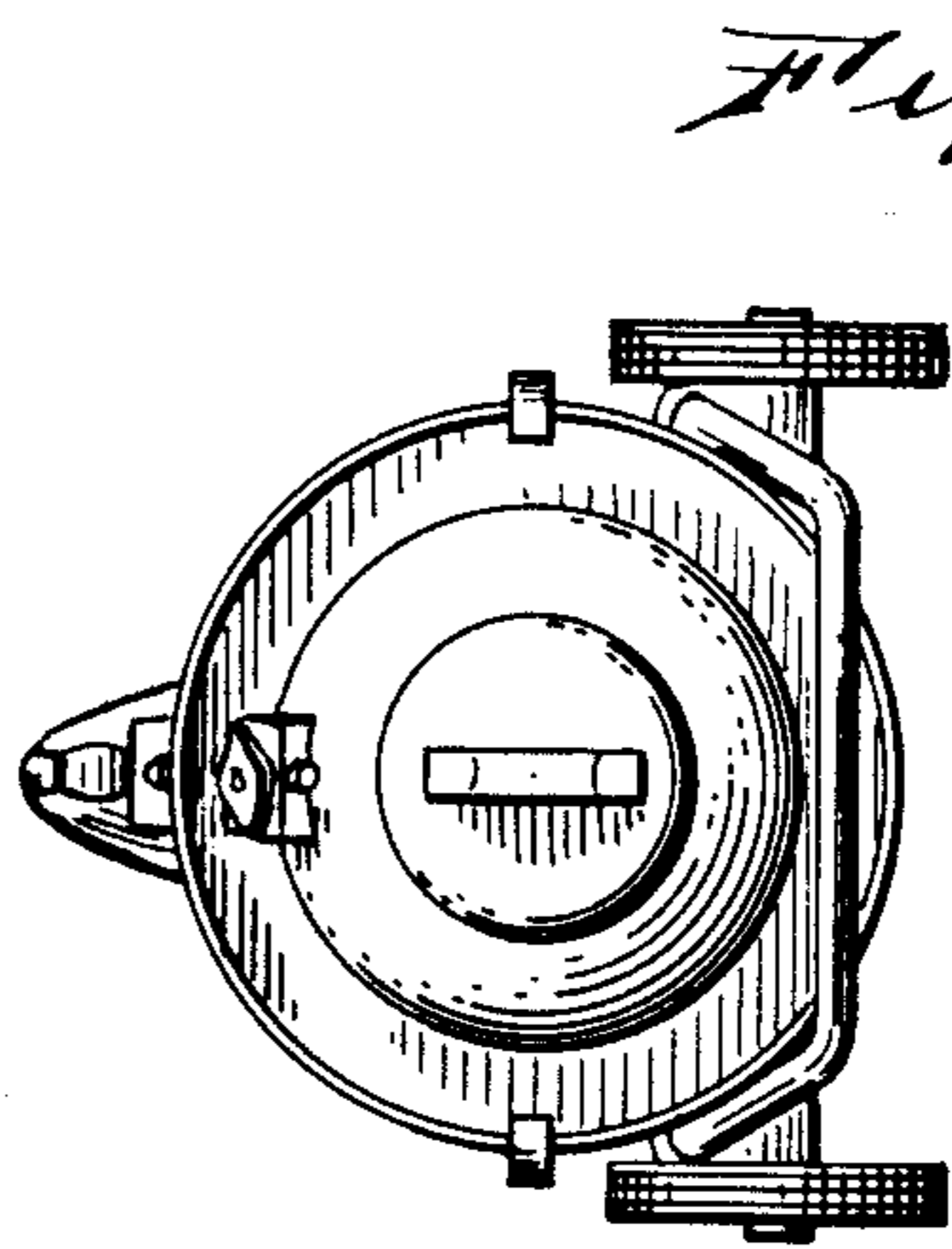


Fig. 2.

Fig. 3.

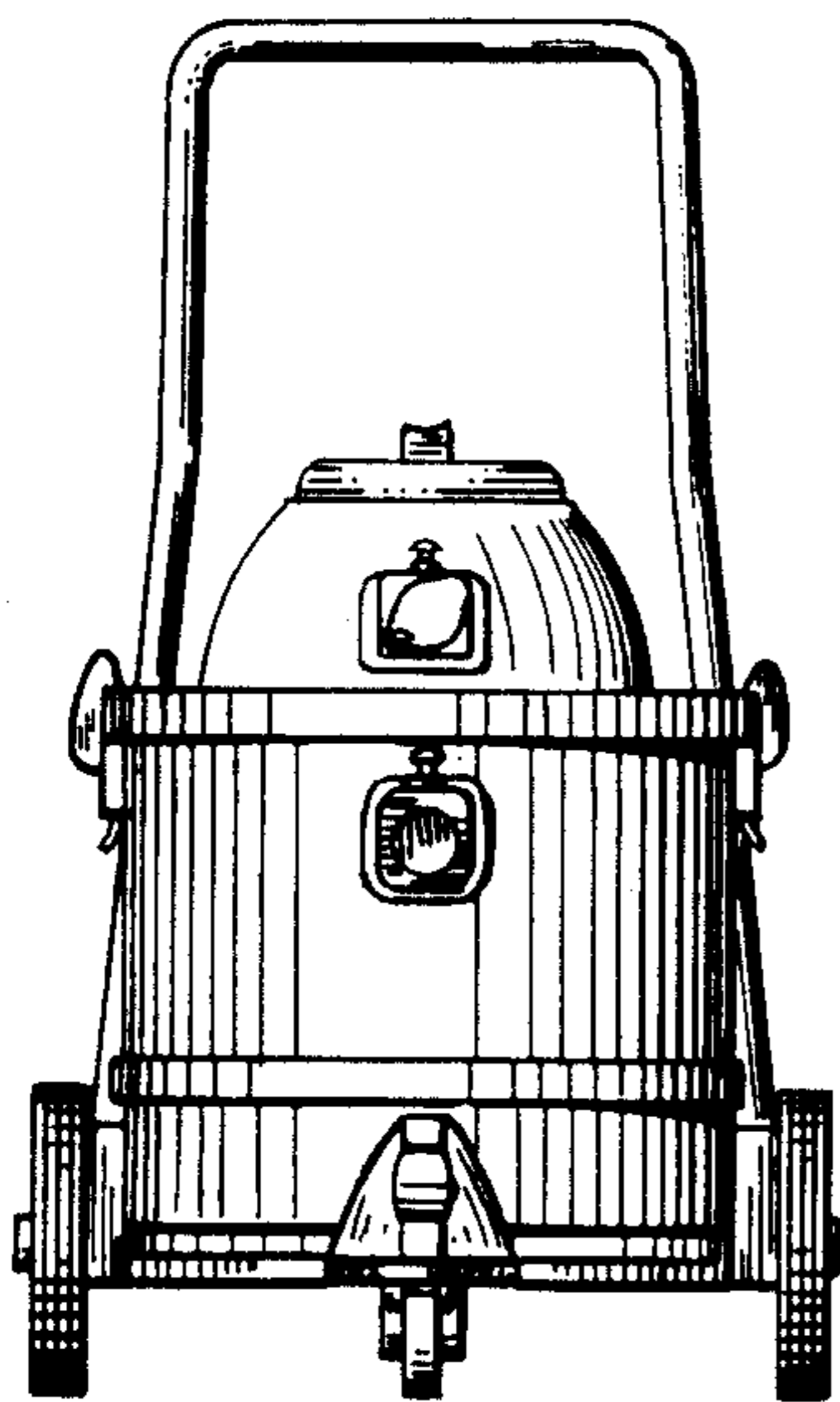


Fig. 4.

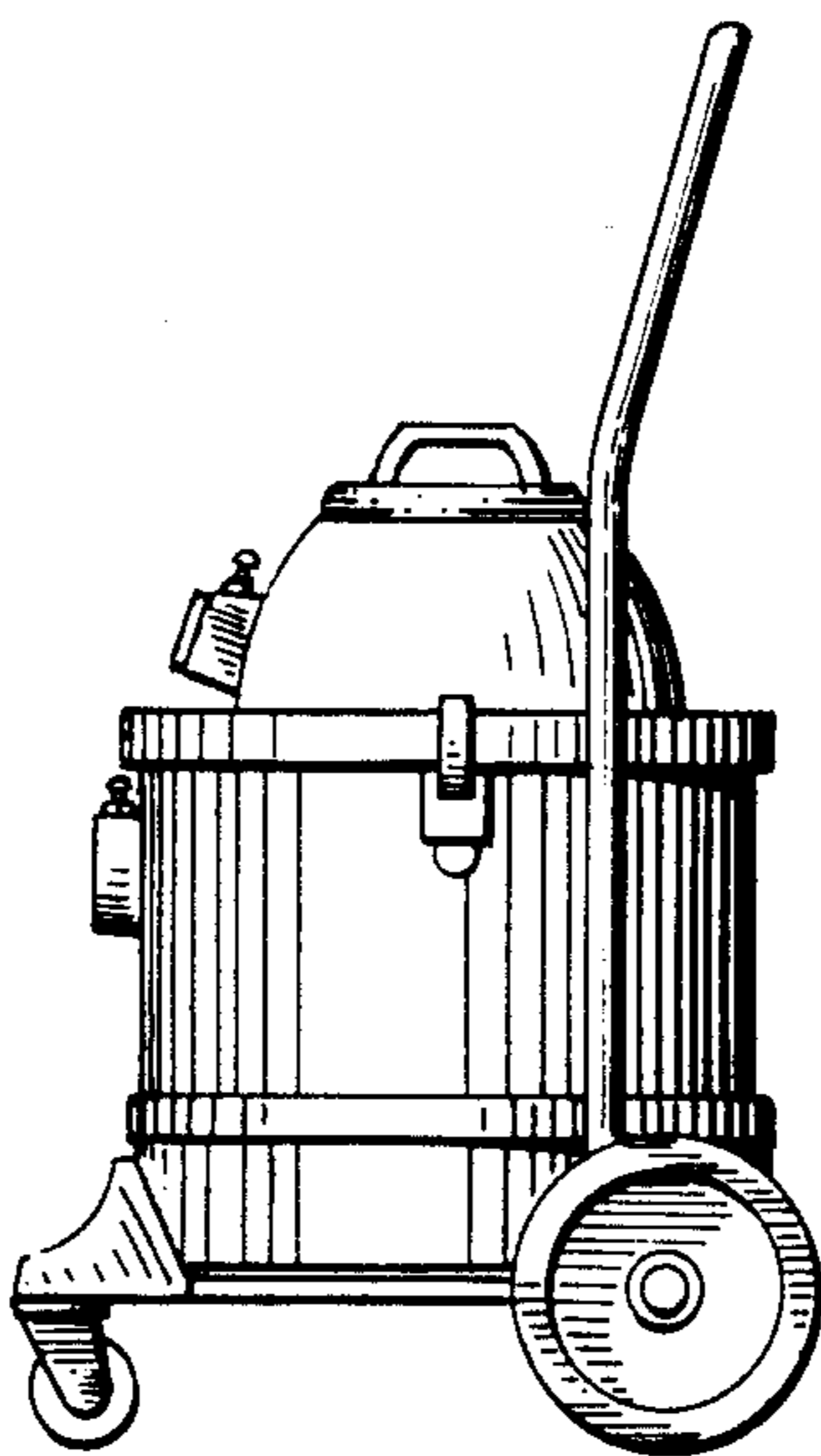


Fig. 5.

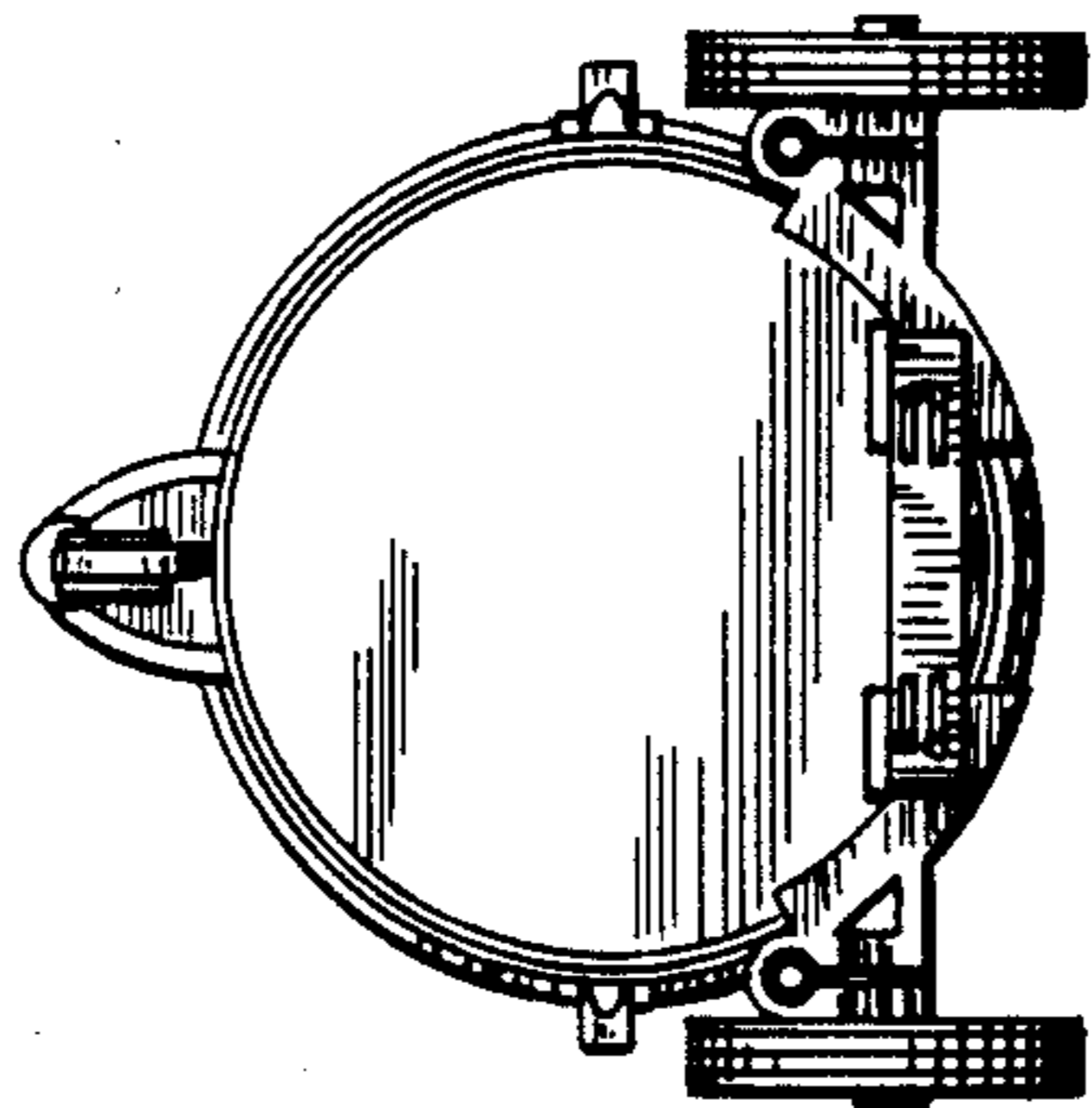
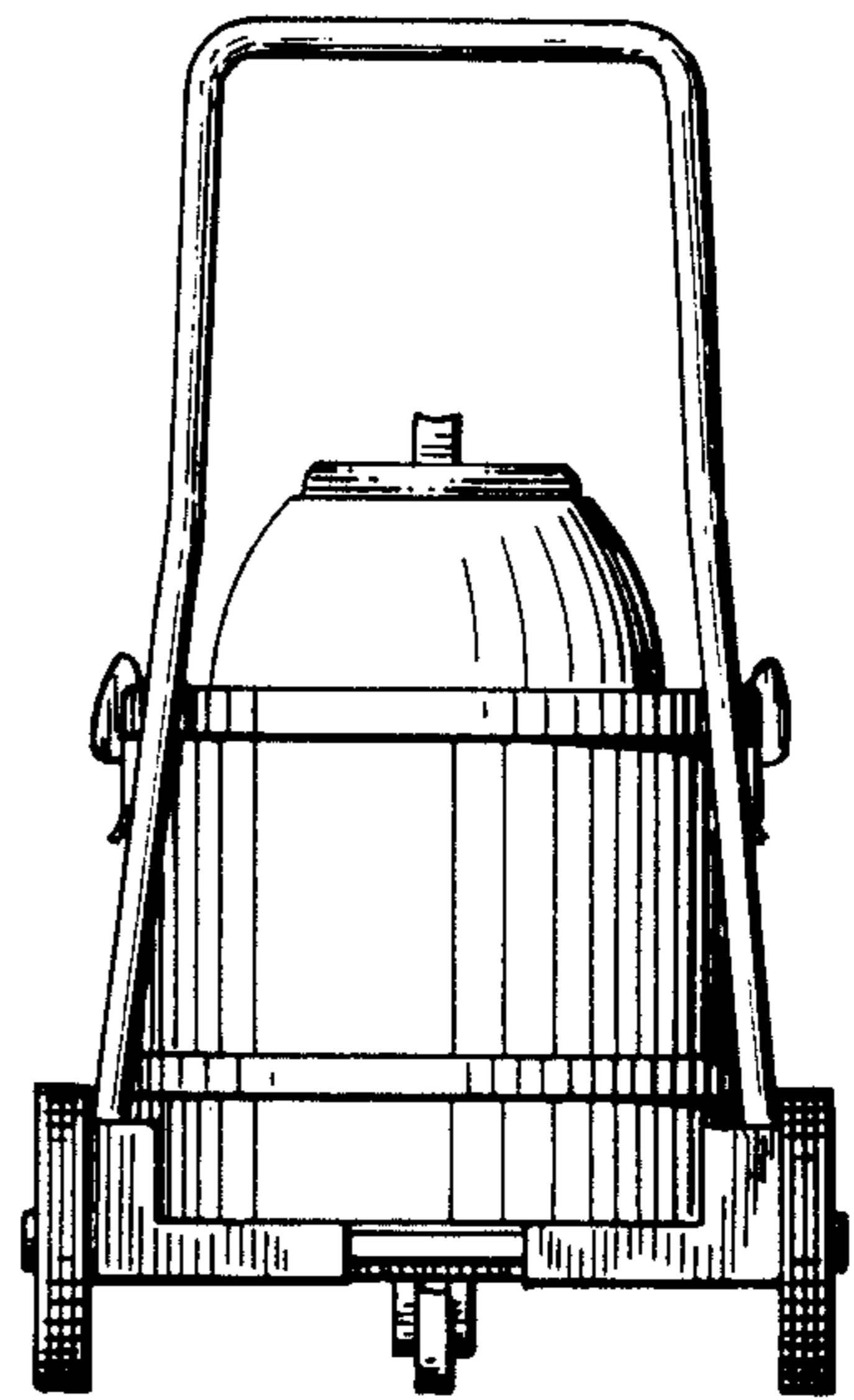


Fig. 6.

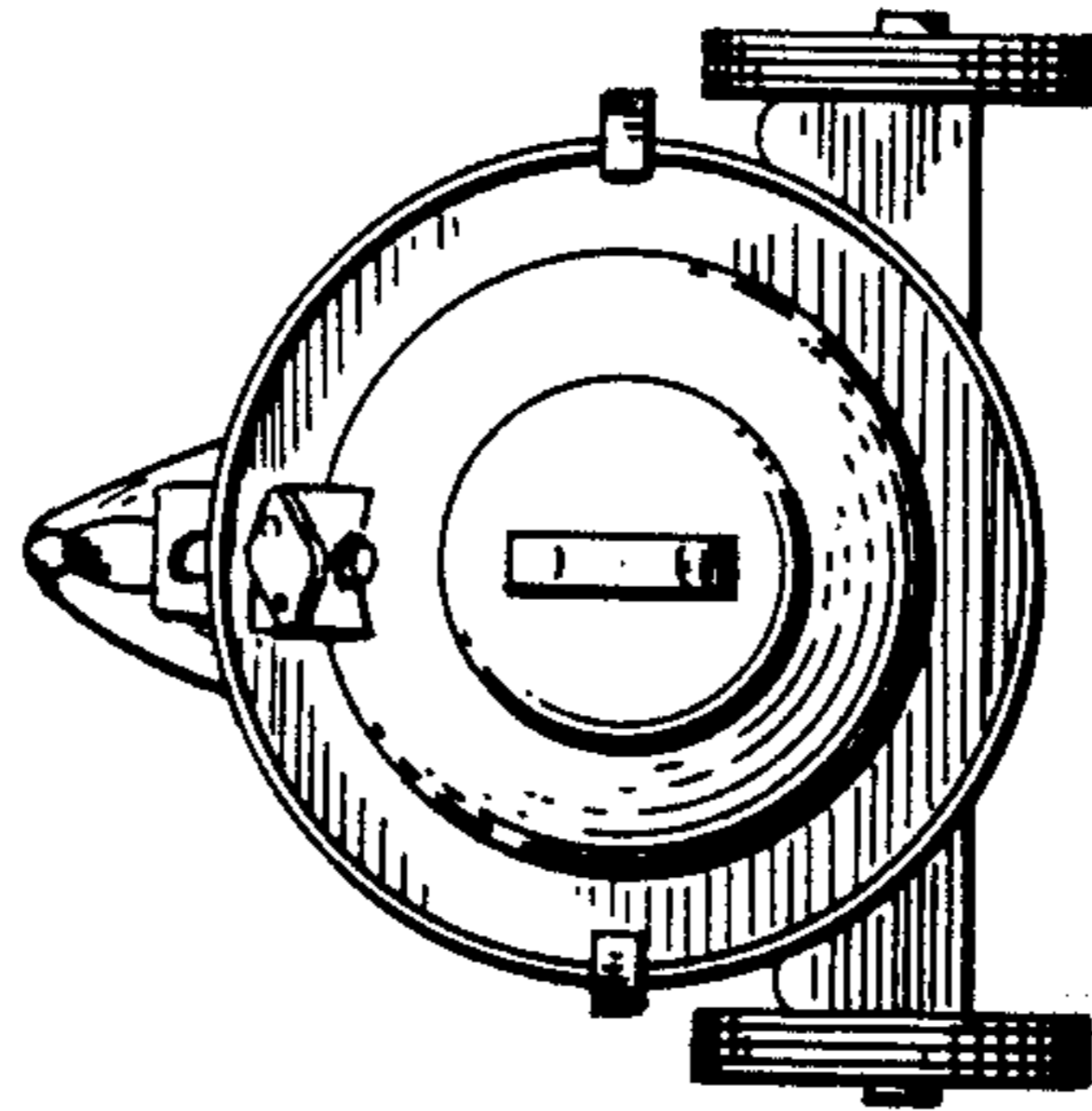


Fig. 7.

Fig. 8.

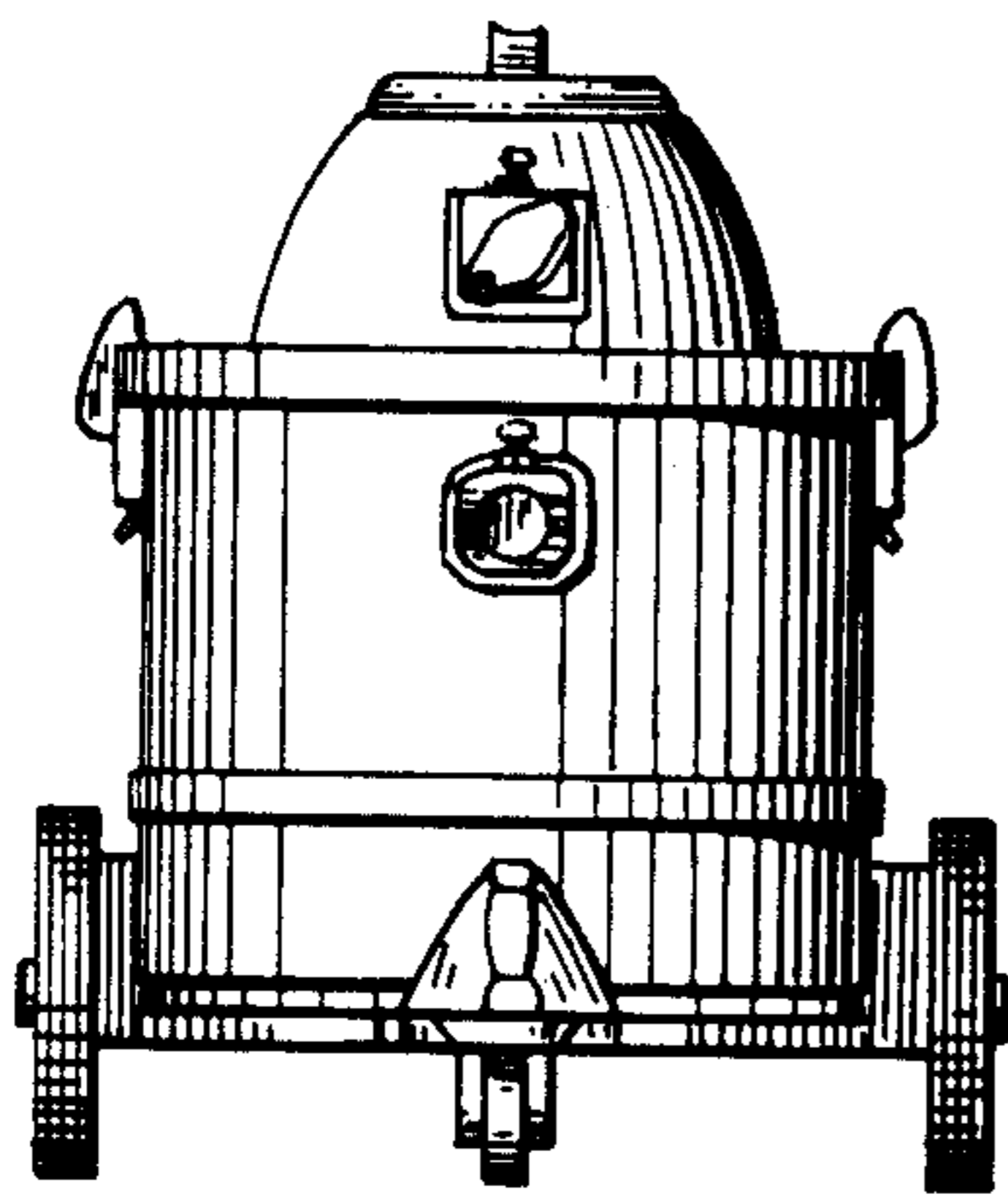


Fig. 9.

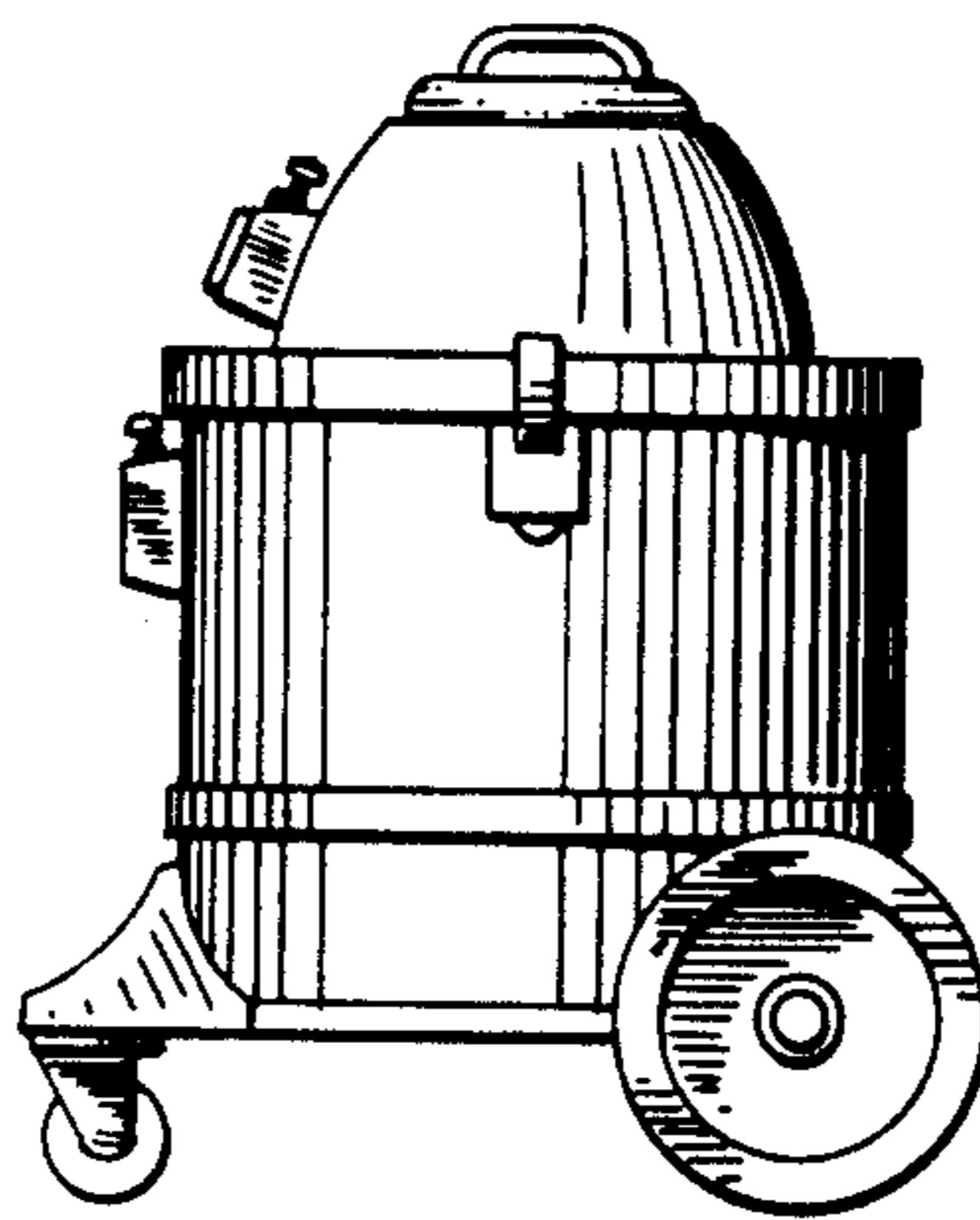


Fig. 10.

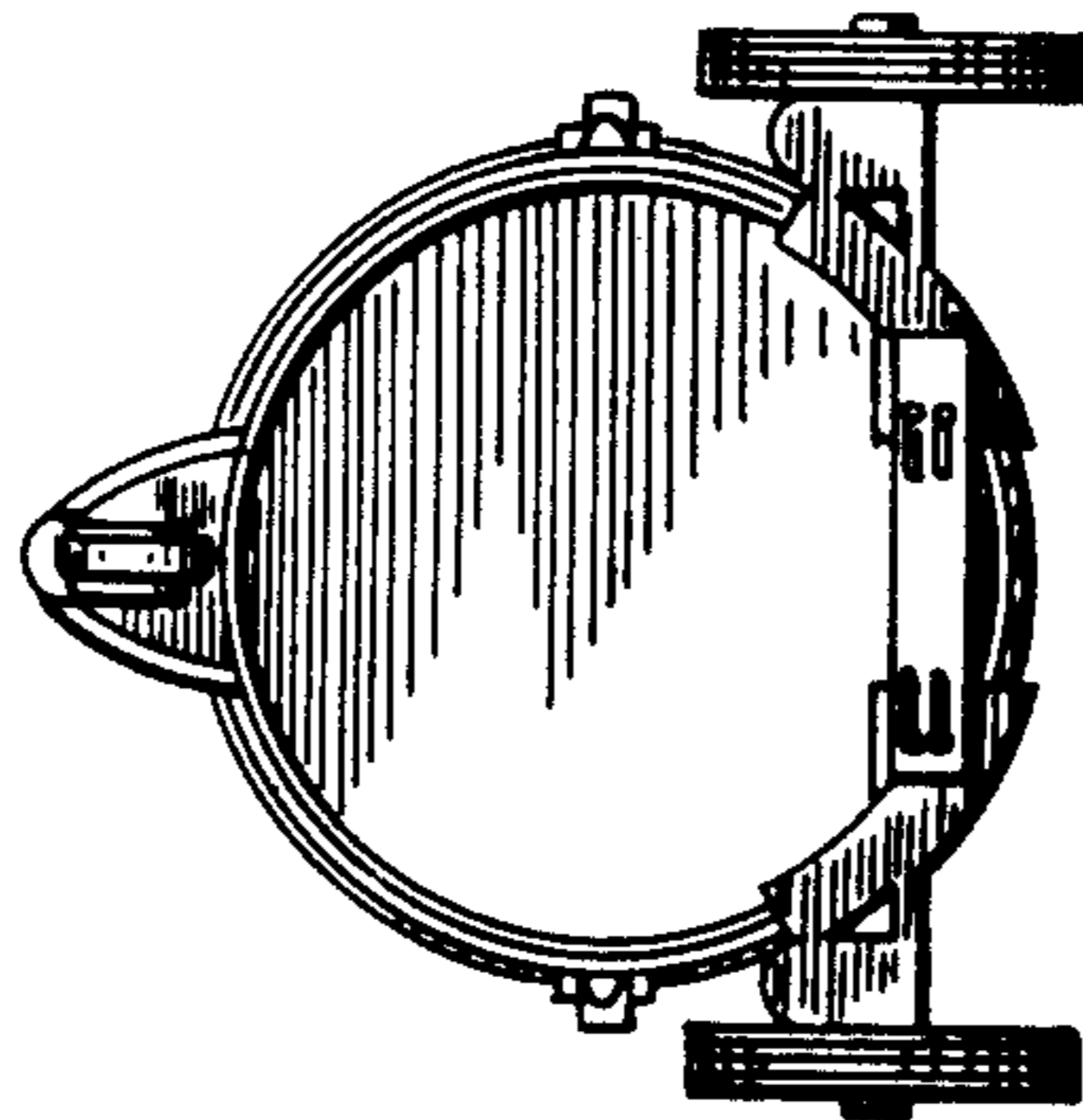
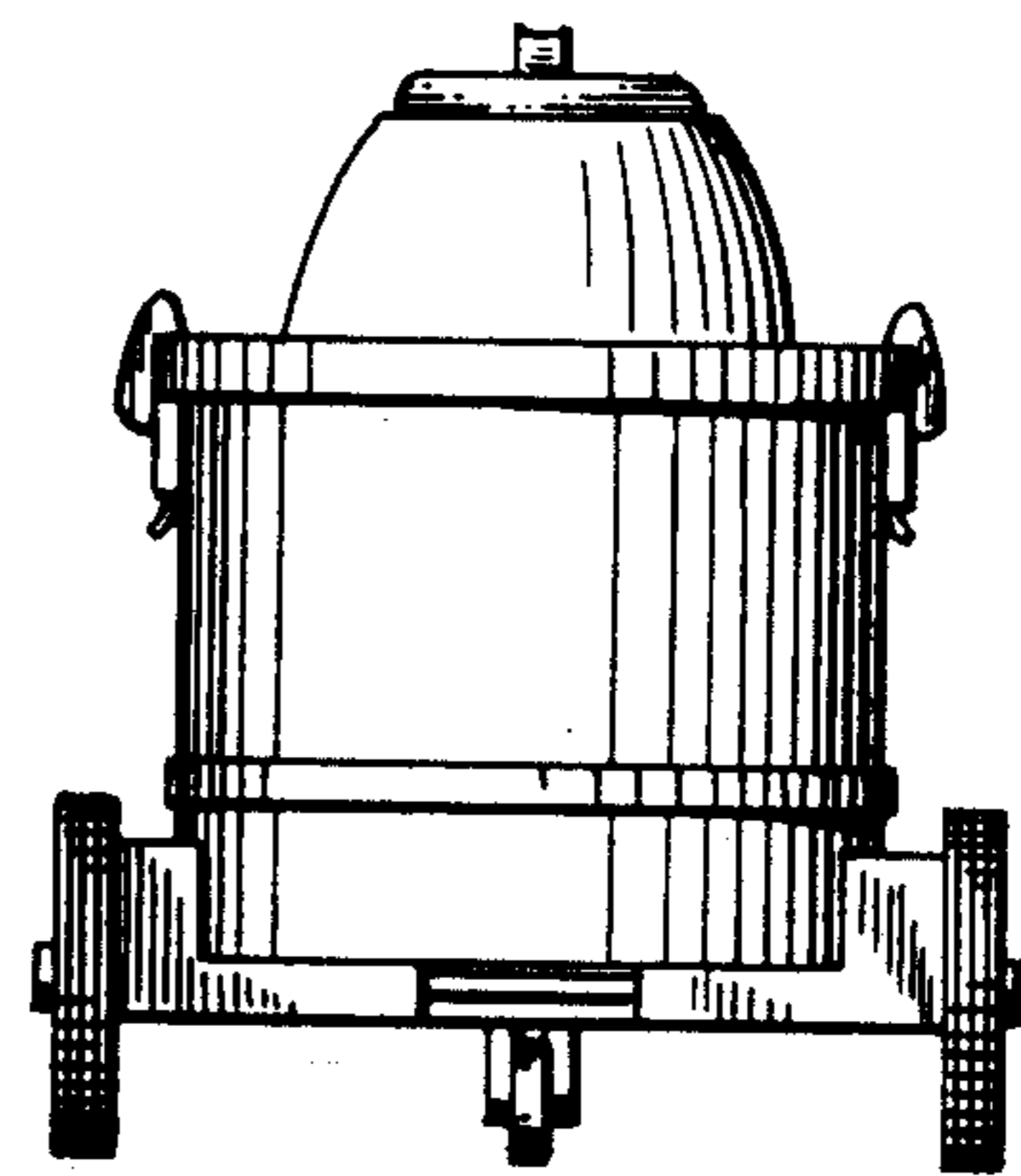


Fig. 11.

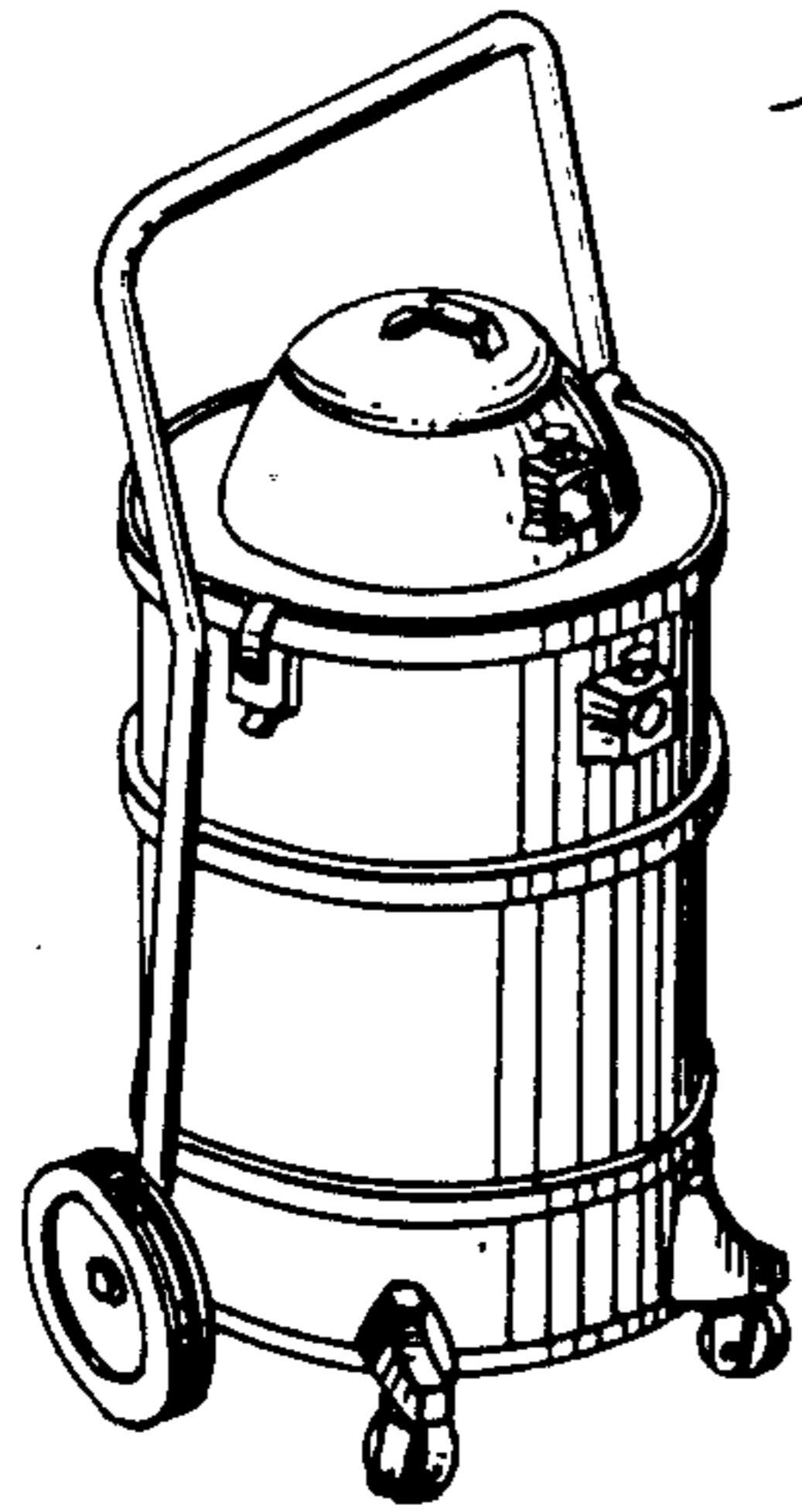


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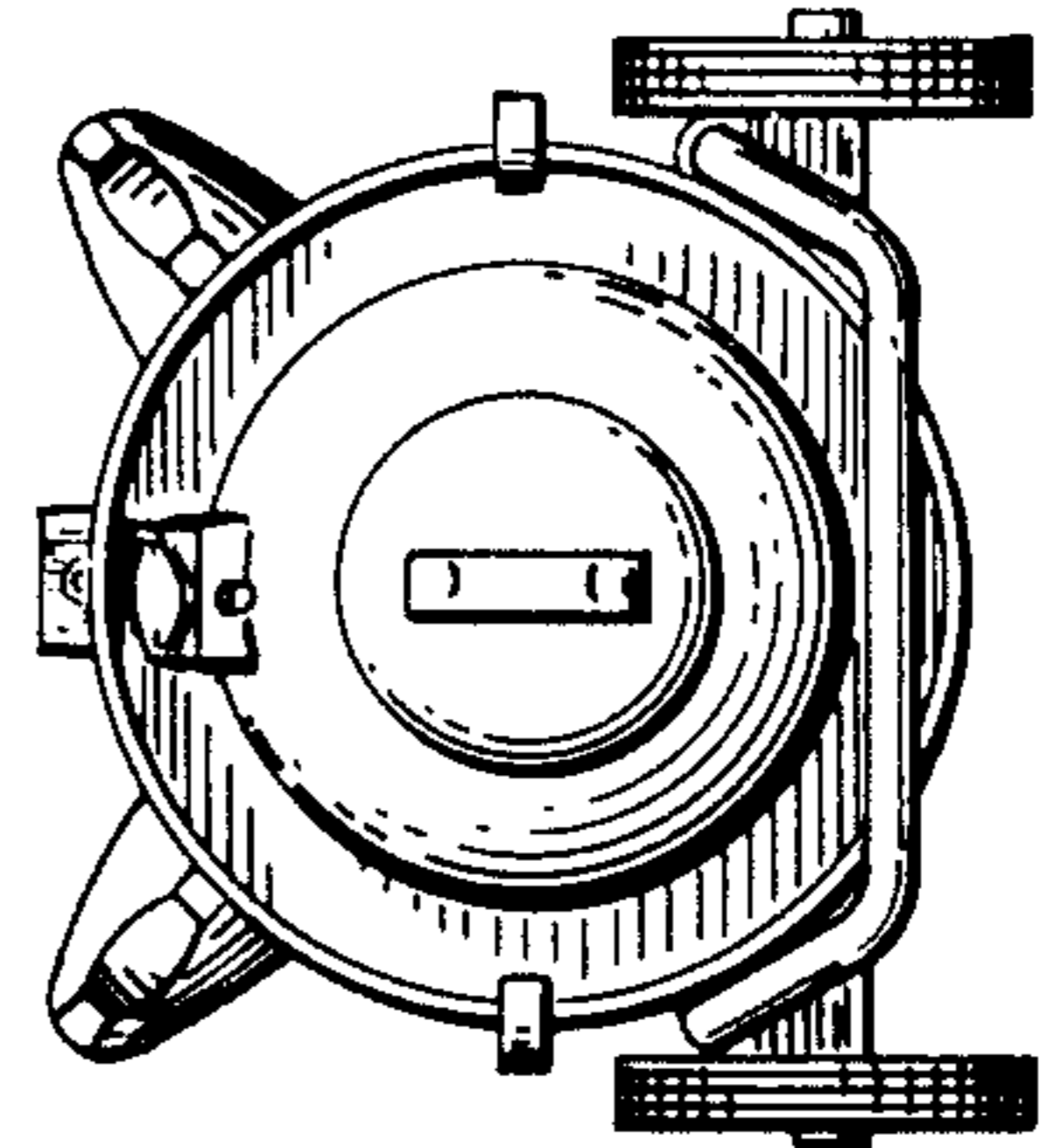


Fig. 13.

Fig. 14.

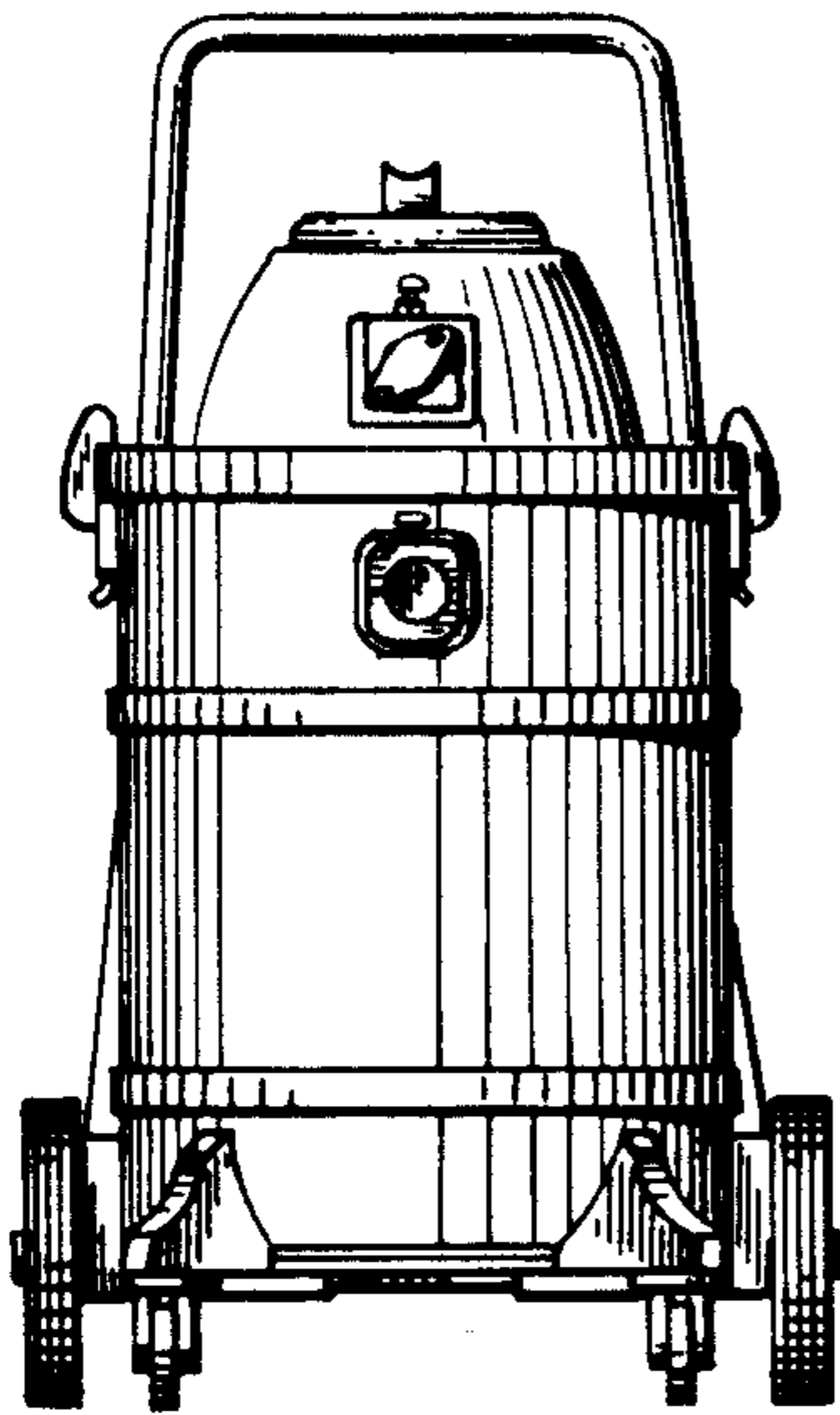


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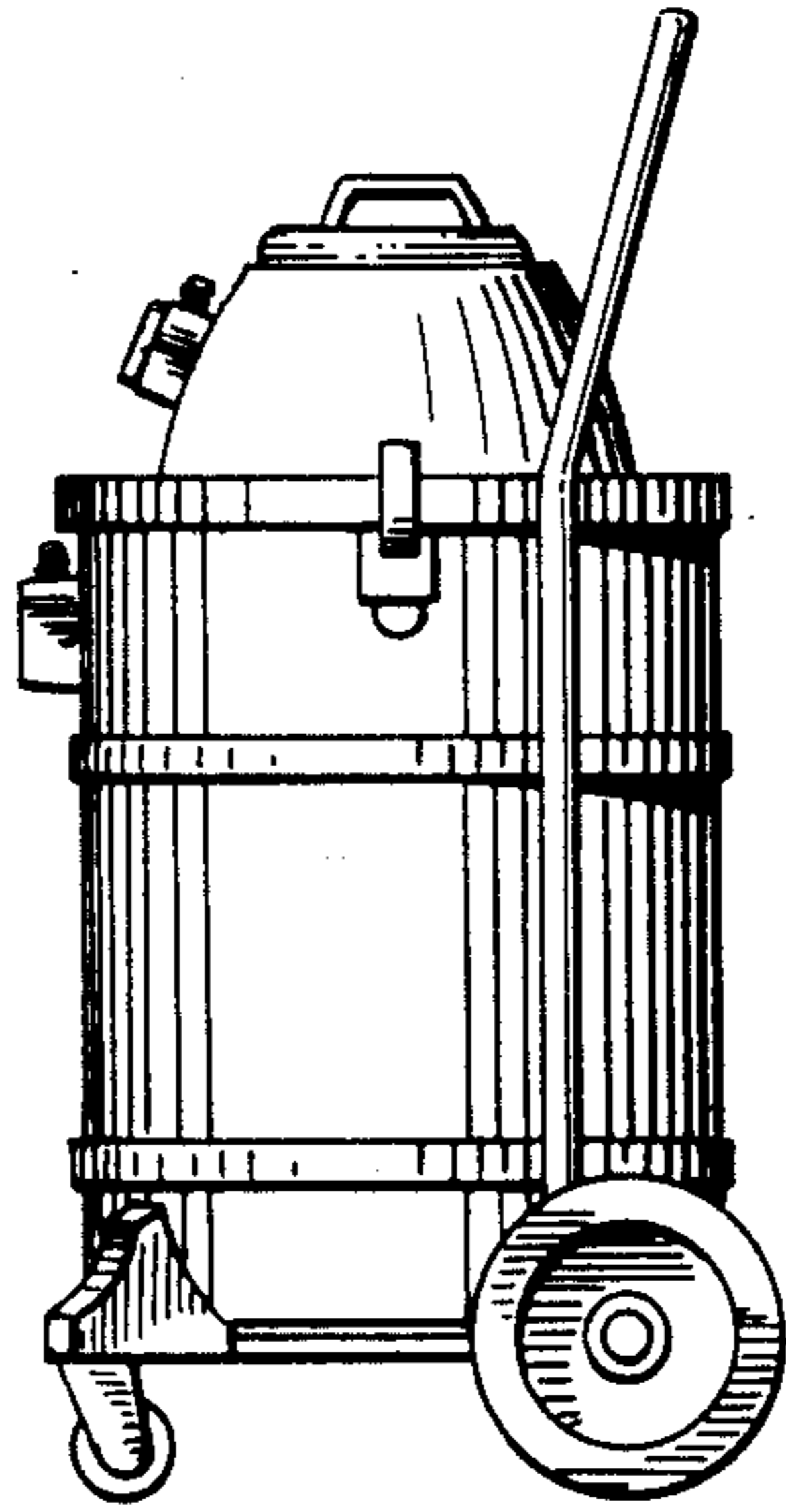


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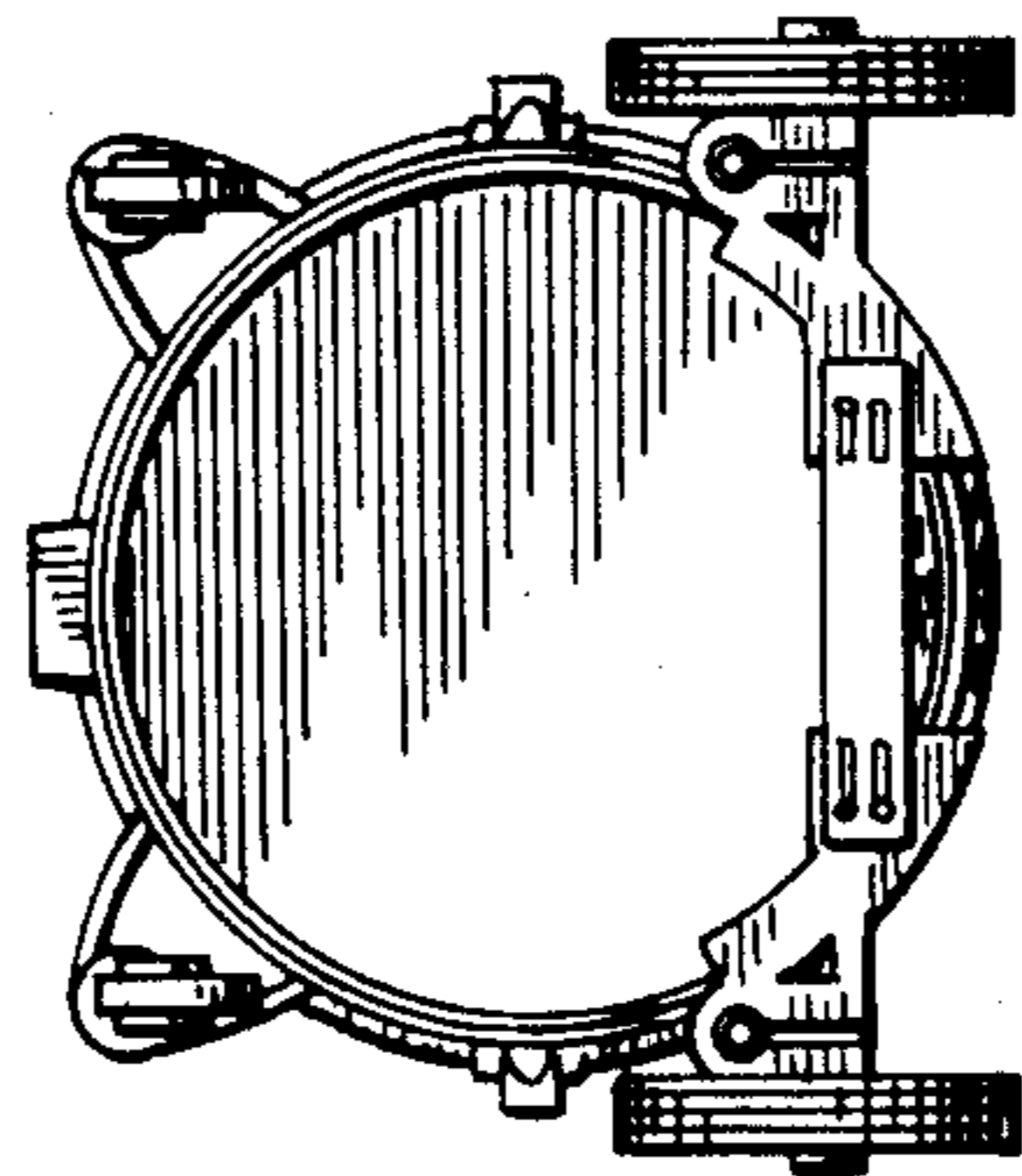
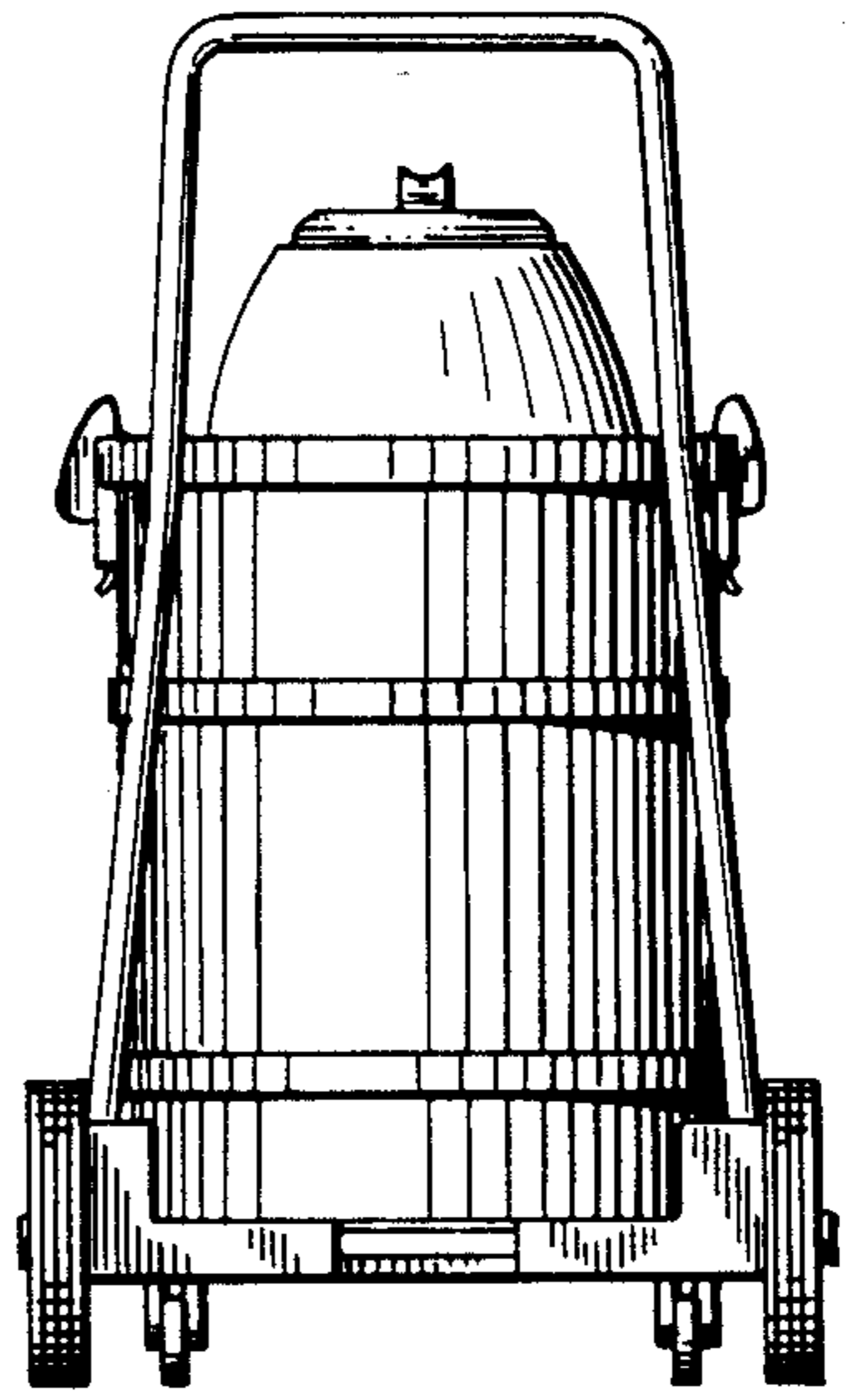


Fig. 17.

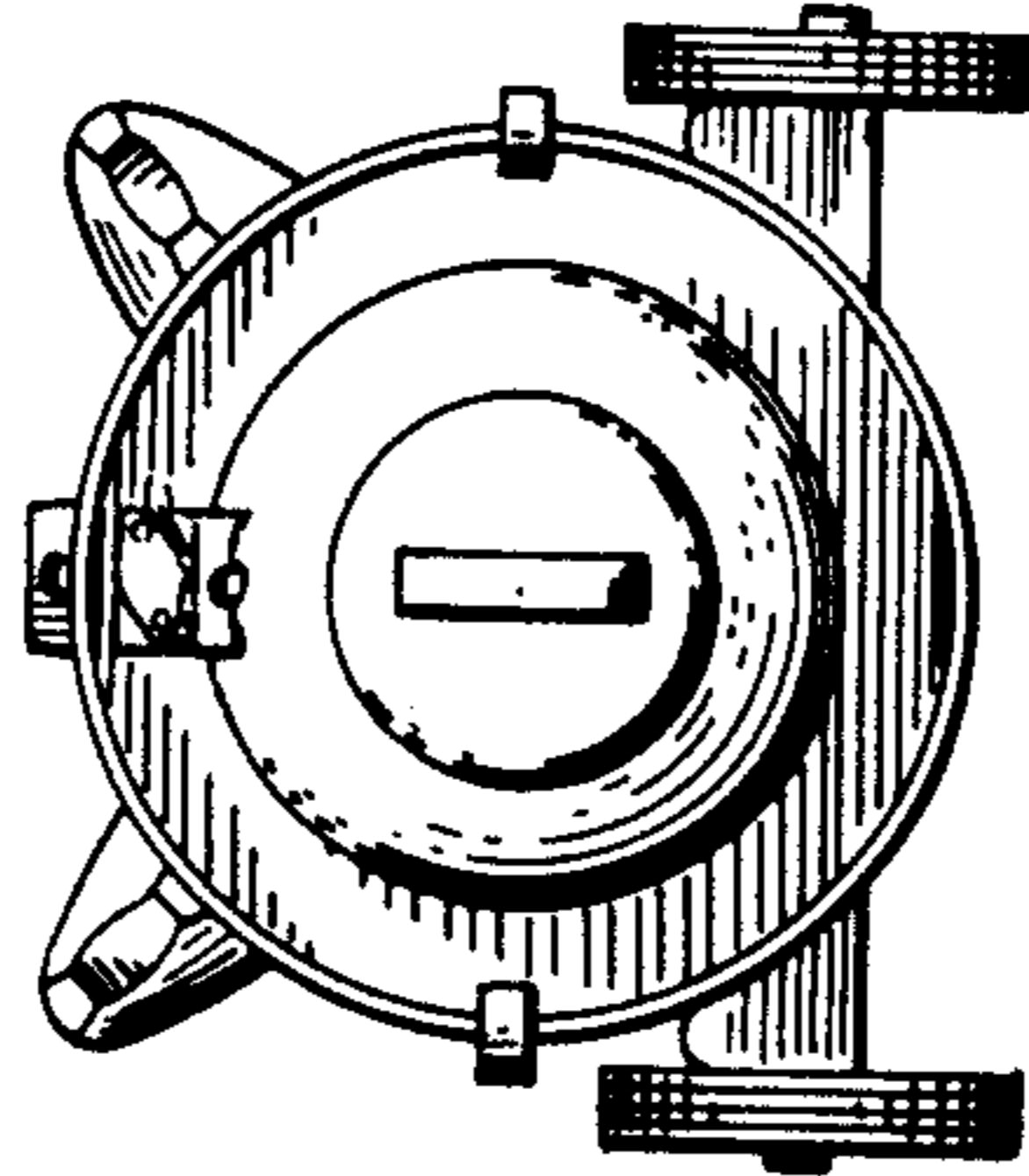


Fig. 18.

Fig. 19.

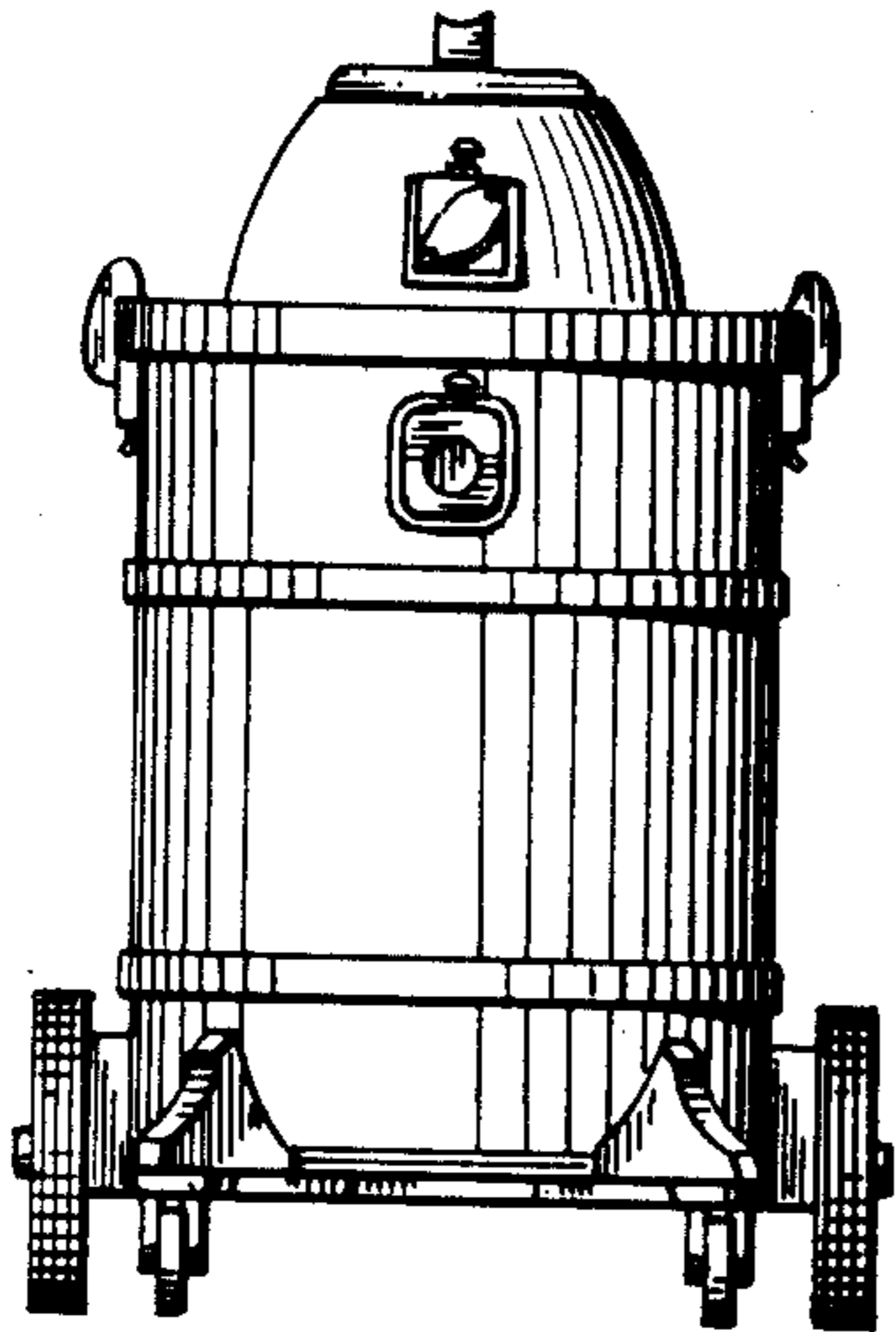


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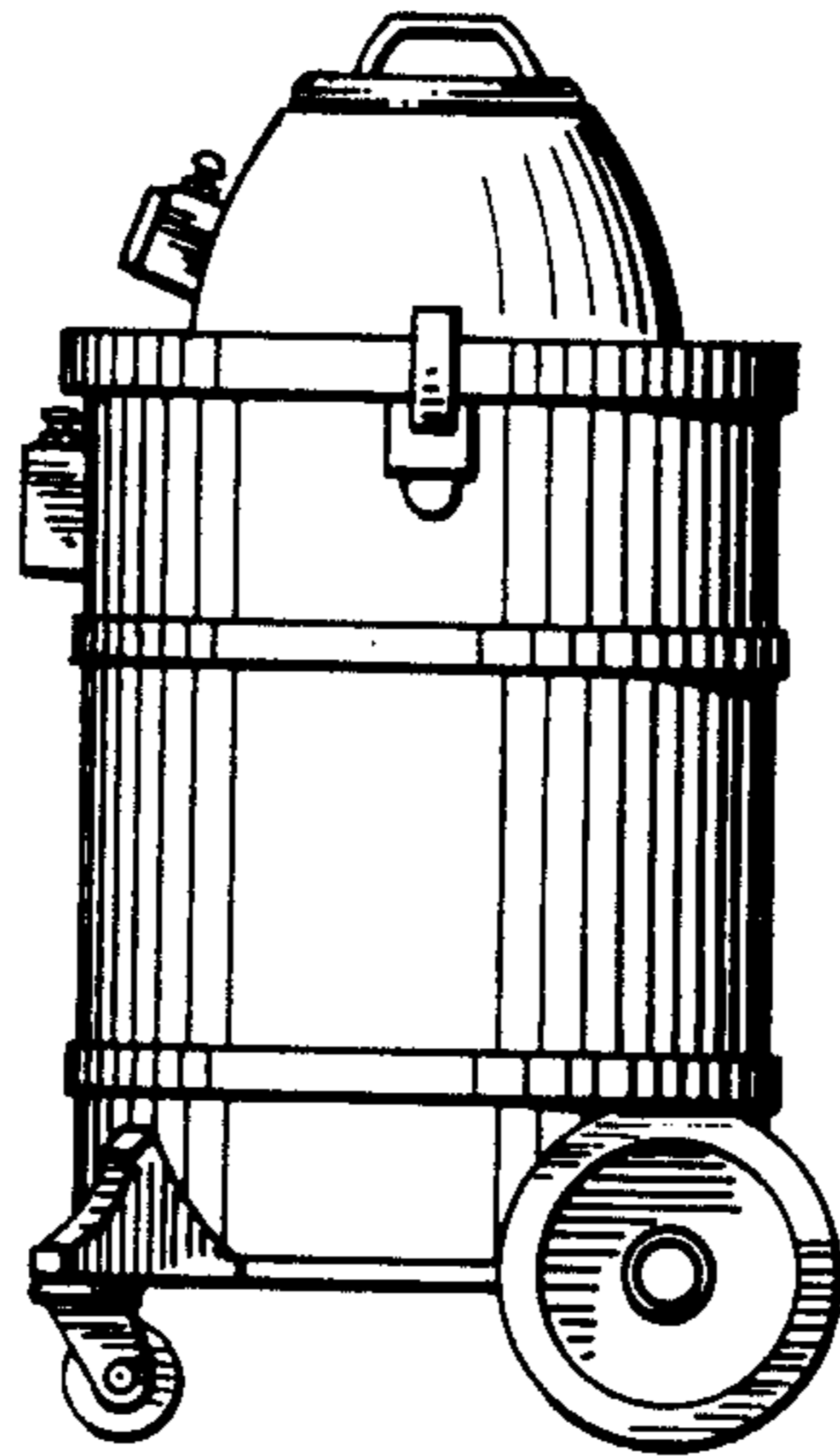


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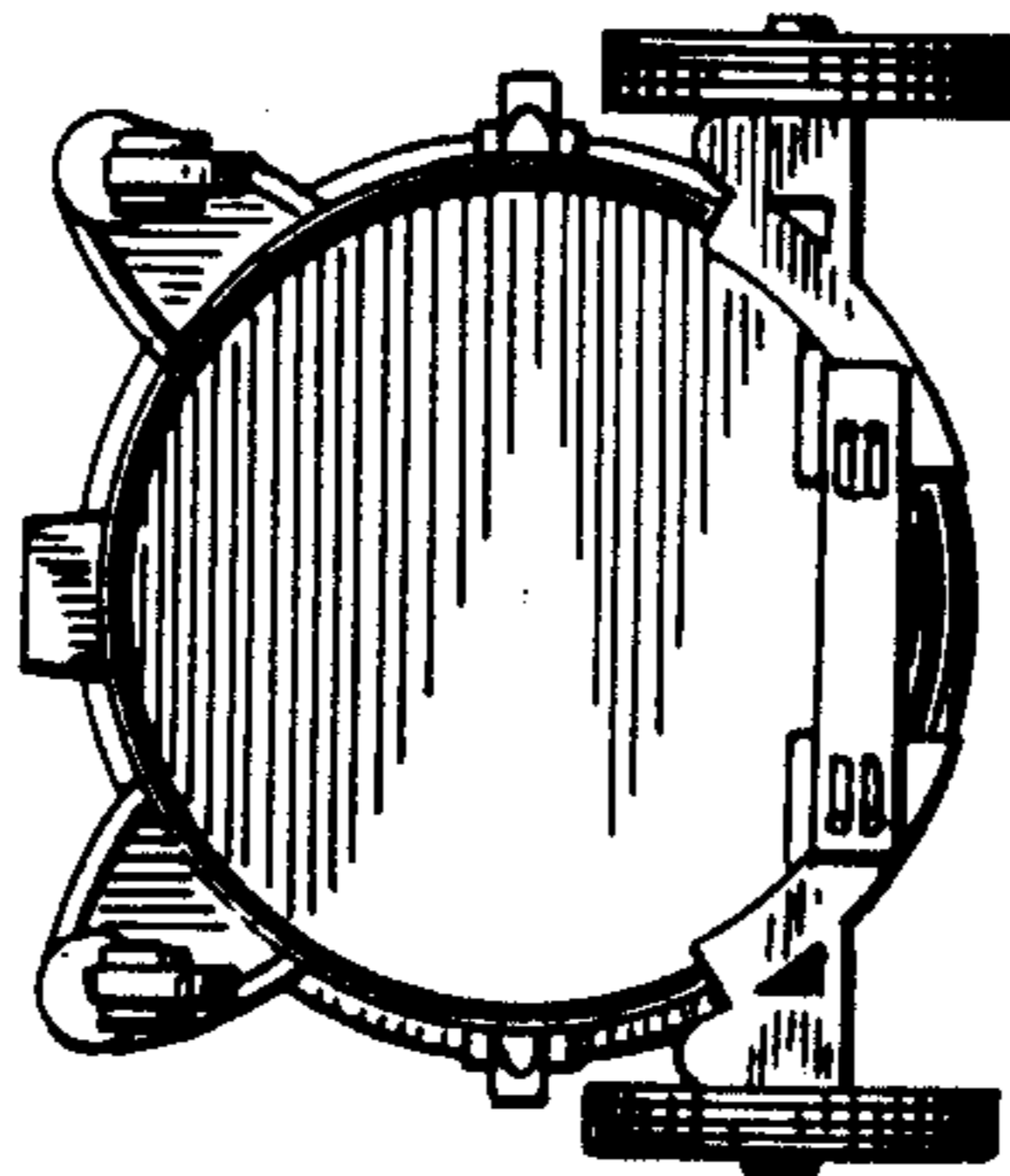
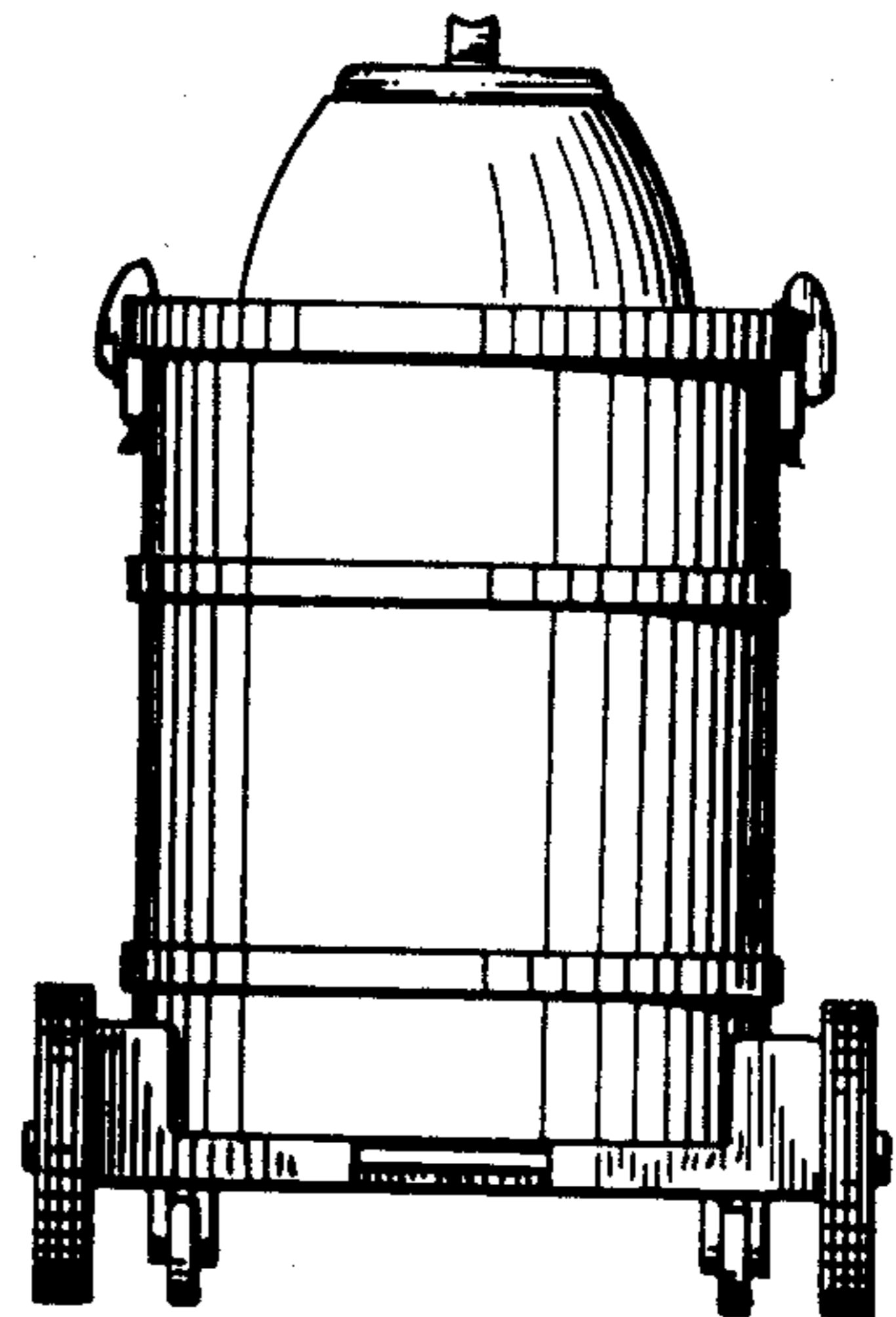


Fig. 22.

Fig. 23.

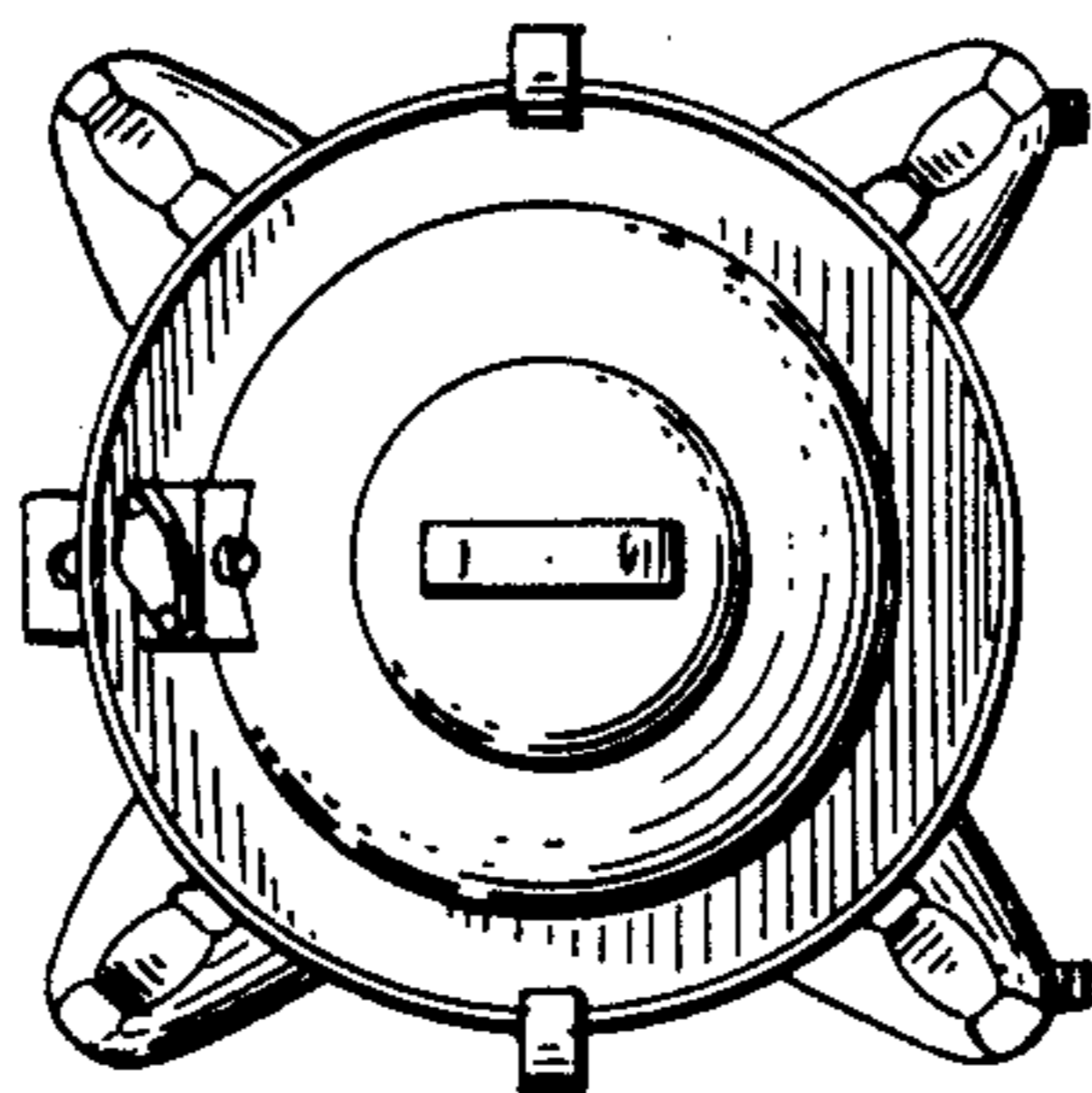


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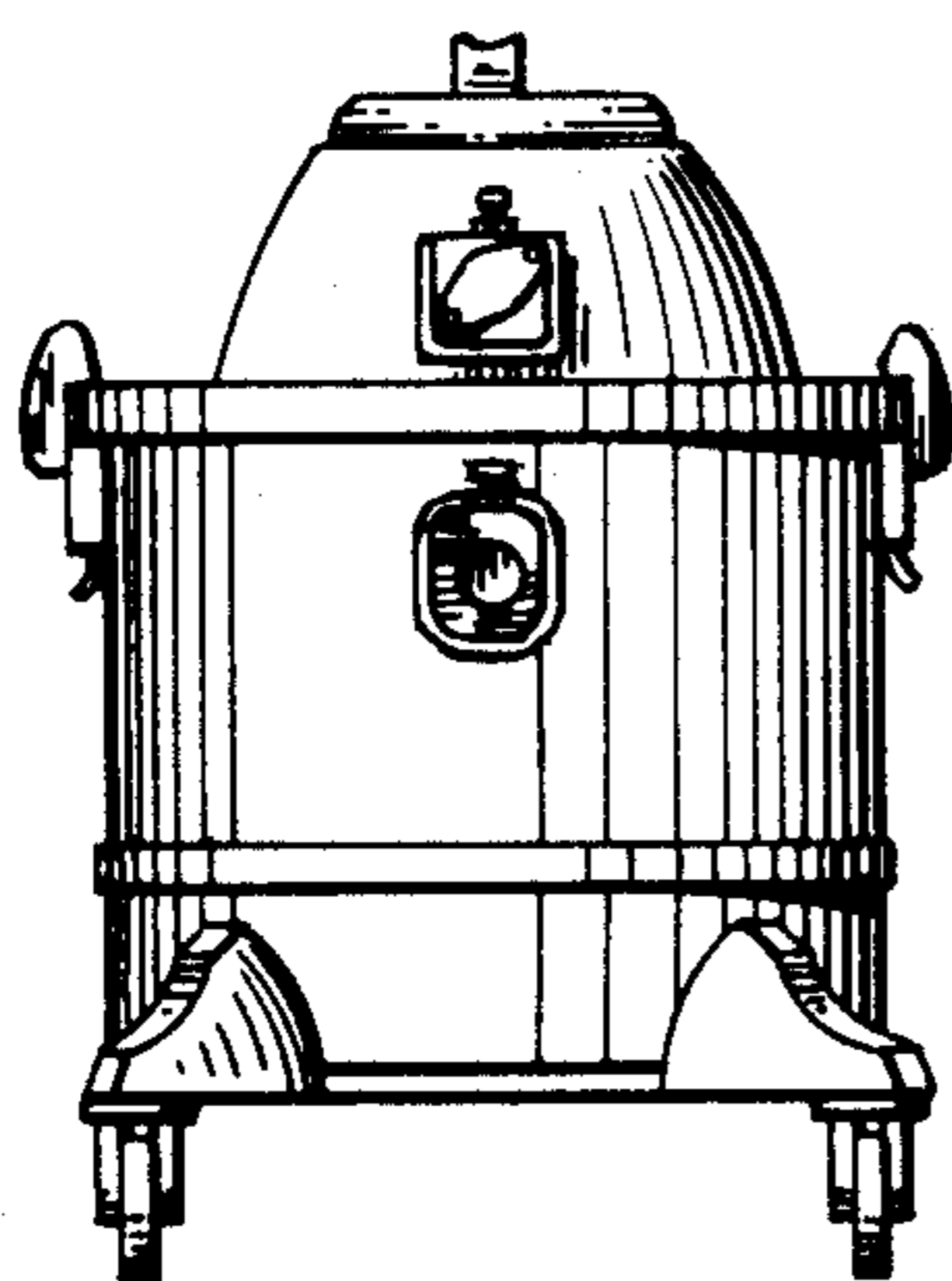


Fig. 25.

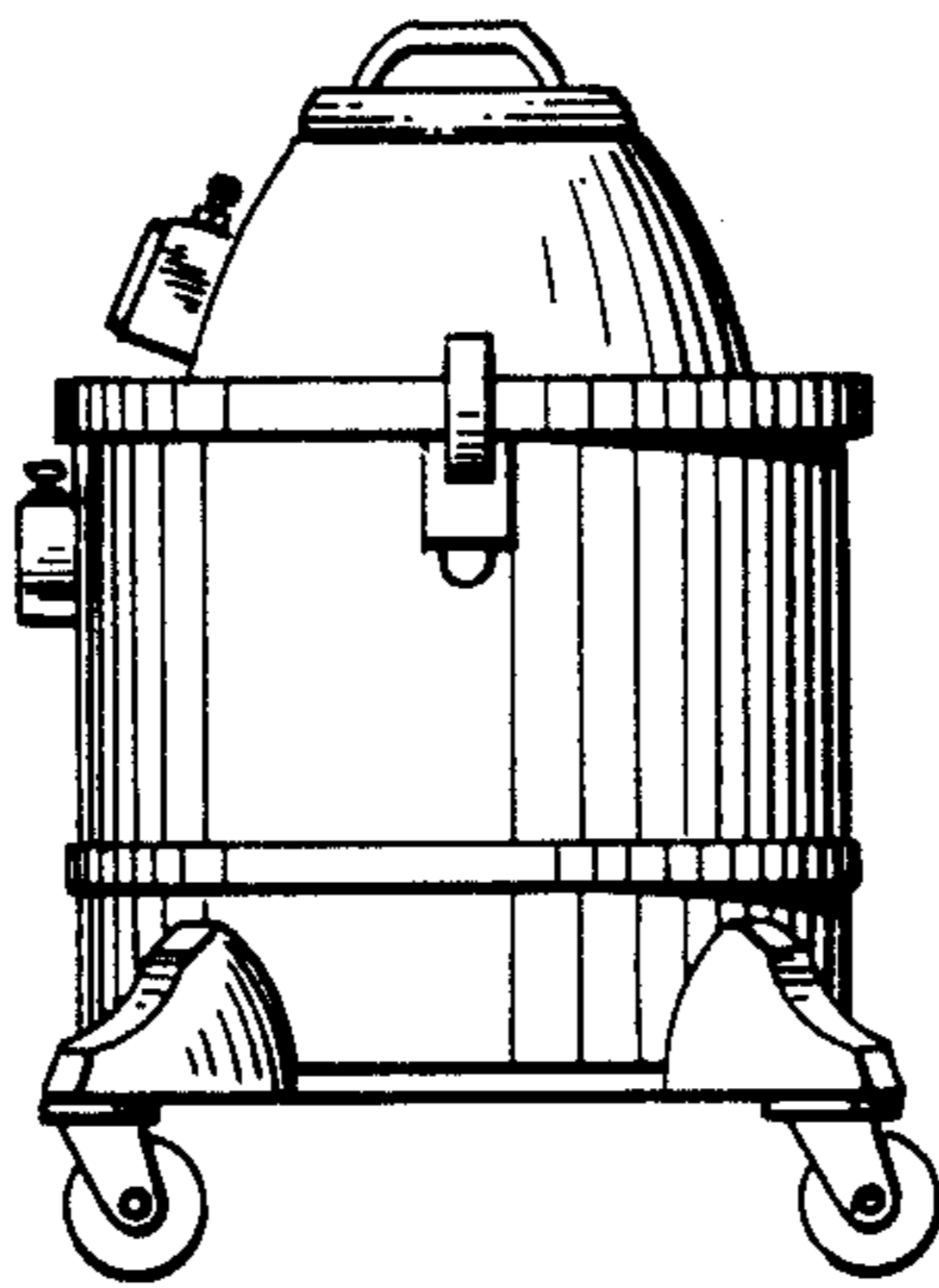


Fig. 26.

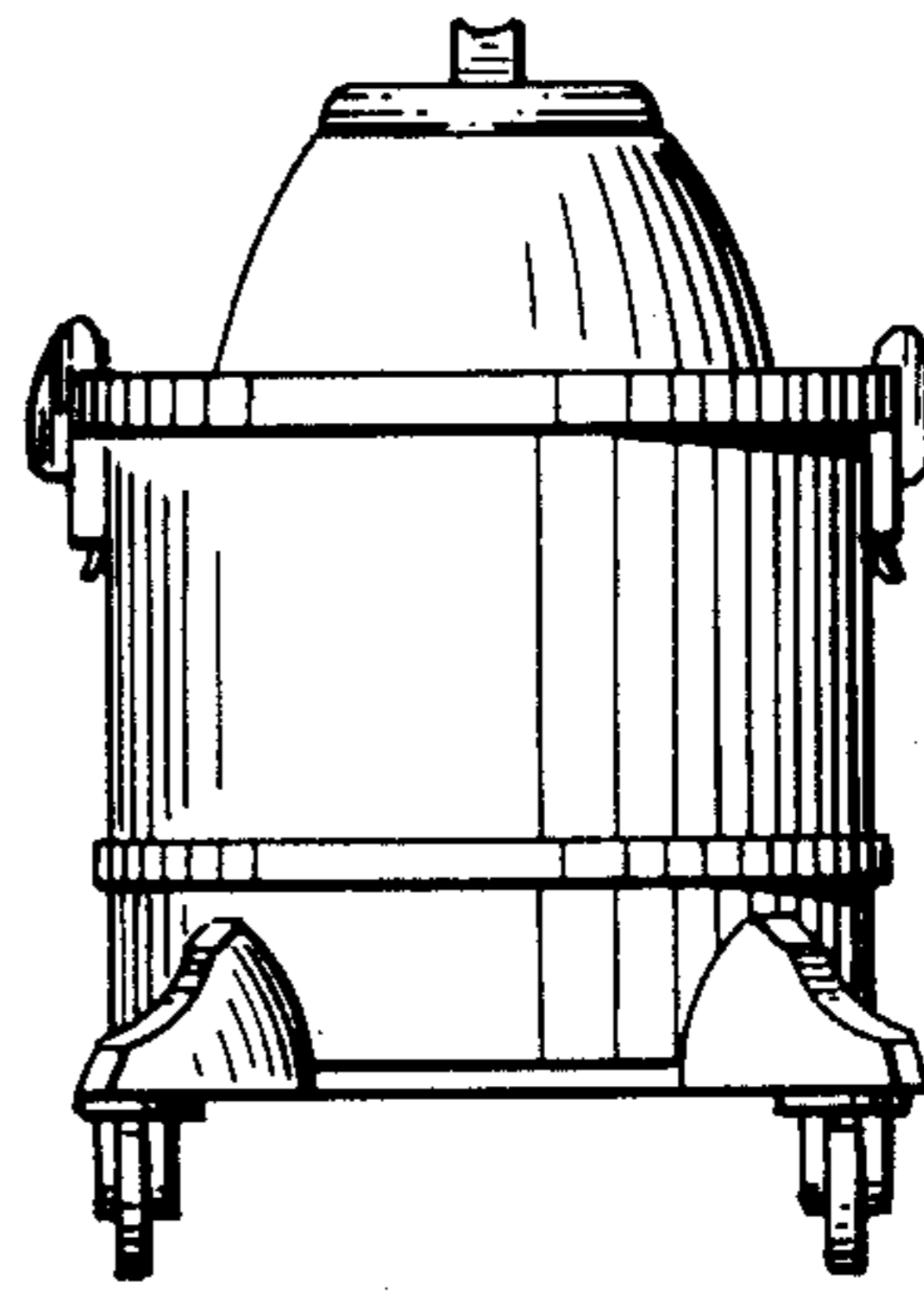


Fig. 27.

