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United States Patent [19]

Jaros et al.

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[54] VACUUM CLEANER

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[73] Assignee: Pullman-Holt Corporation, Tampa, Fla.

[**] Term: 14 Years

[21] Appl. No.: 29/090,814

[22] Filed: Jul. 16, 1998

[51] LOC (6) Cl. 15-05

[52] U.S. Cl. D32/21

[58] Field of Search D32/21, 23, 24; 15/320-321, 327.1, 327.2, 327.6, 327.7, 347

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Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Adan Ayala

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a right side perspective view from the front of a vacuum cleaner showing a first embodiment of our new design;

FIG. 2 is a front elevational view of the first embodiment;

FIG. 3 is a right elevational view of the first embodiment;

FIG. 4 is a rear elevational view of the first embodiment;

FIG. 5 is a left elevational view of the first embodiment;

FIG. 6 is a top plan view of the first embodiment;

FIG. 7 is a bottom plan view of the first embodiment;

FIG. 8 is a right side perspective view from the front of a vacuum cleaner showing a second embodiment thereof;

FIG. 9 is a front elevational view of the second embodiment;

FIG. 10 is a rear elevational view of the second embodiment;

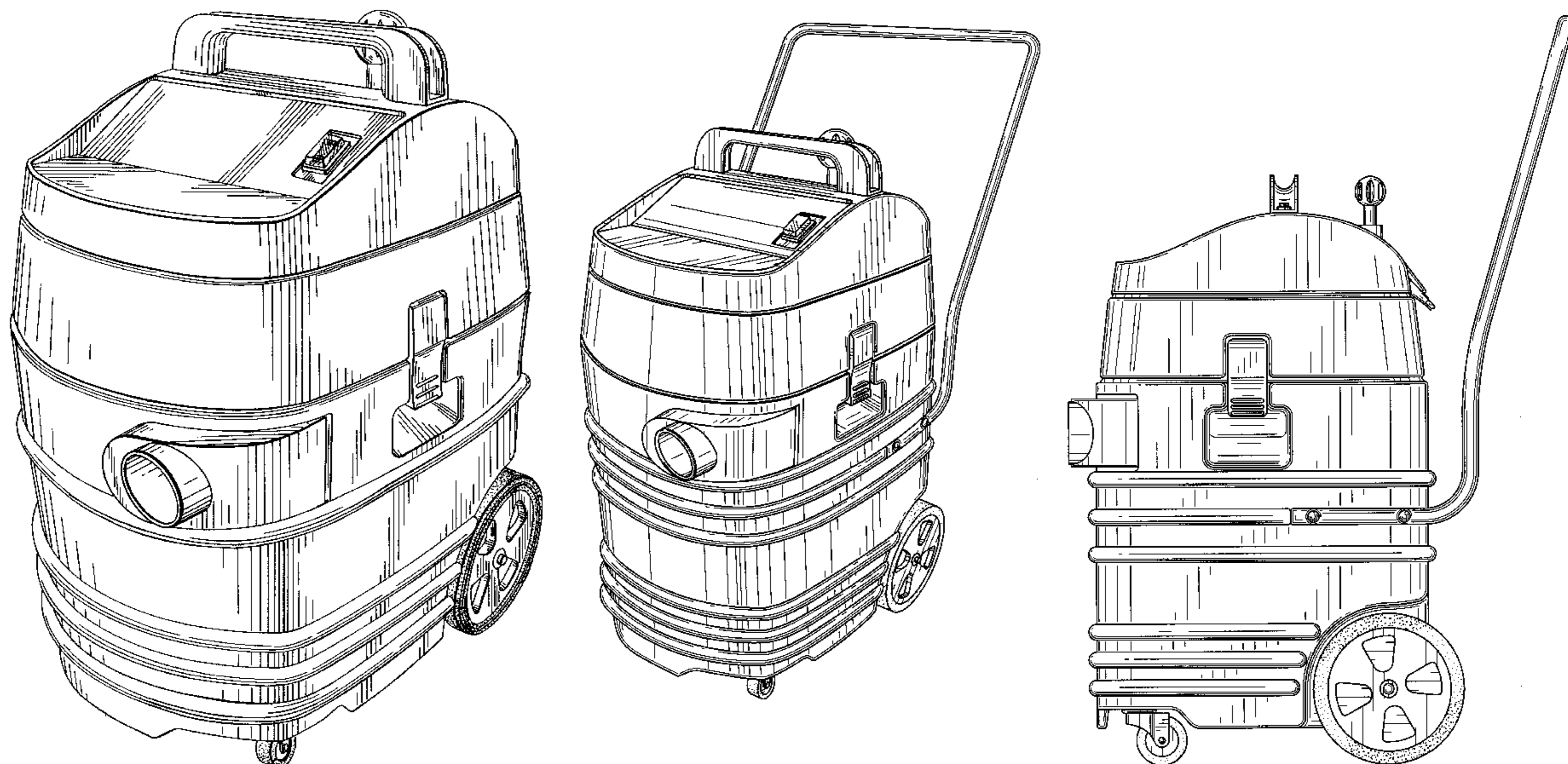
FIG. 11 is a left elevational view of the second embodiment;

FIG. 12 is a right elevational view of the second embodiment;

FIG. 13 is a top plan view of the second embodiment; and,

FIG. 14 is a bottom plan view of the second embodiment.

1 Claim, 14 Drawing Sheets



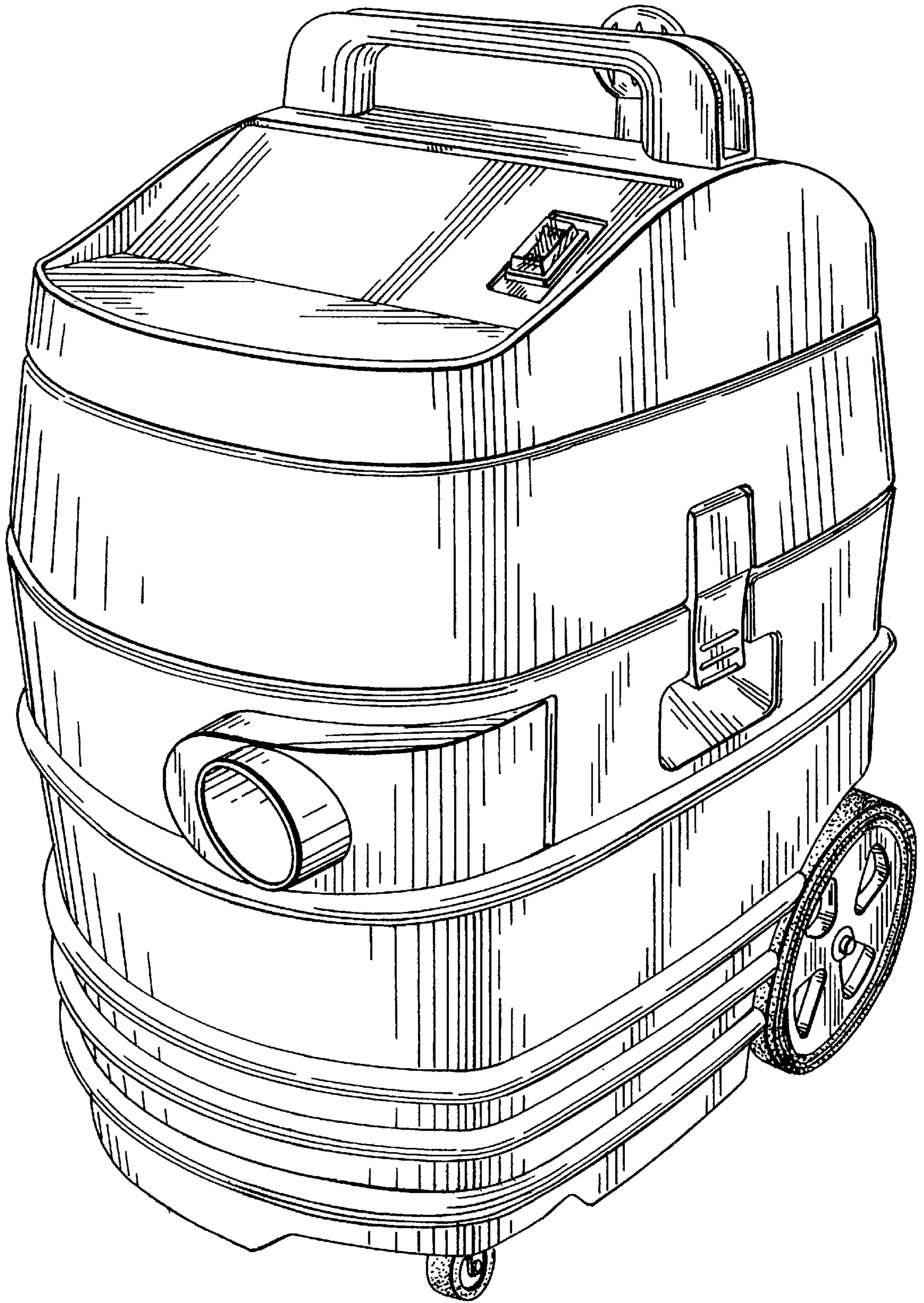


Fig.1

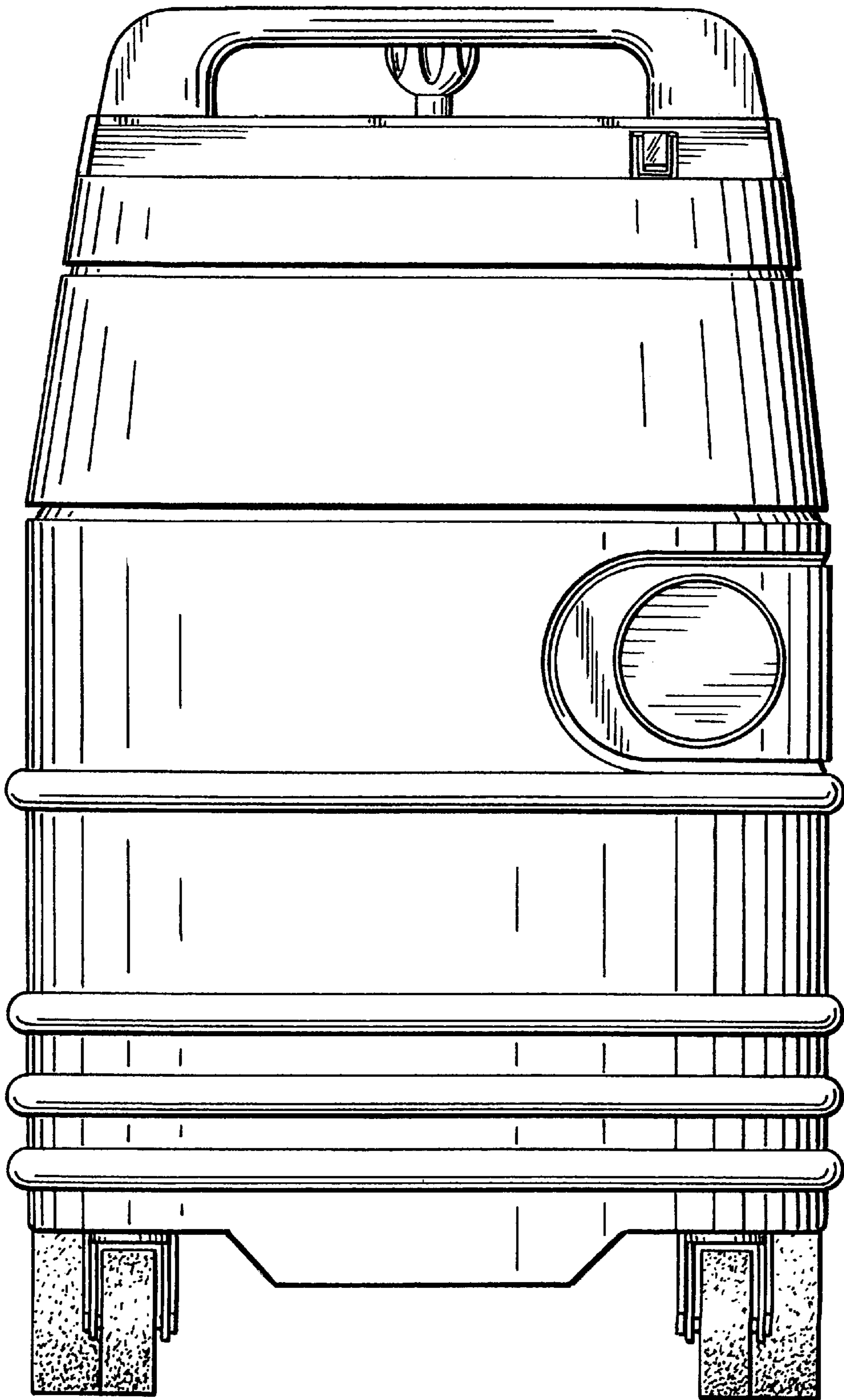


Fig.2

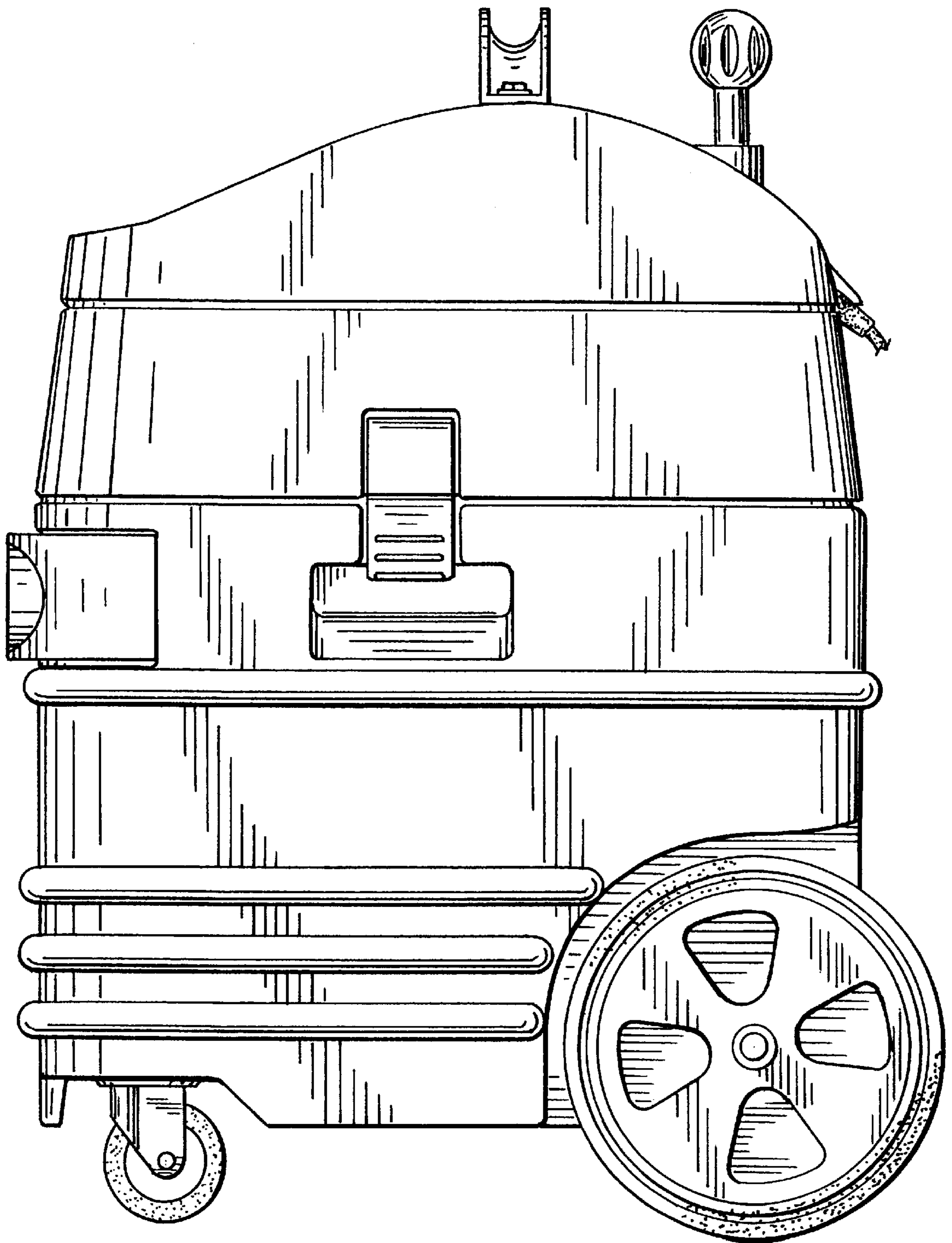


Fig.3

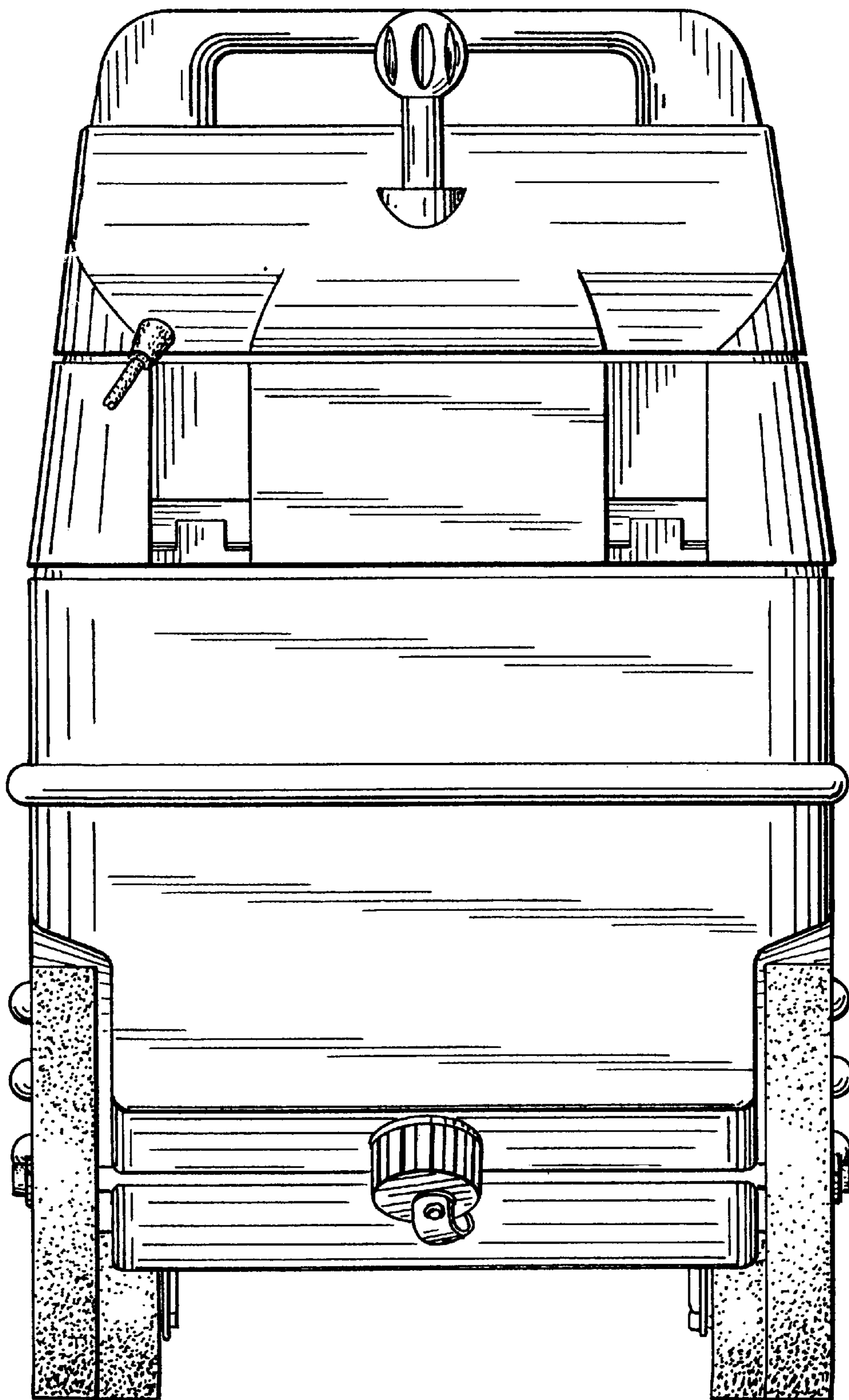


Fig.4

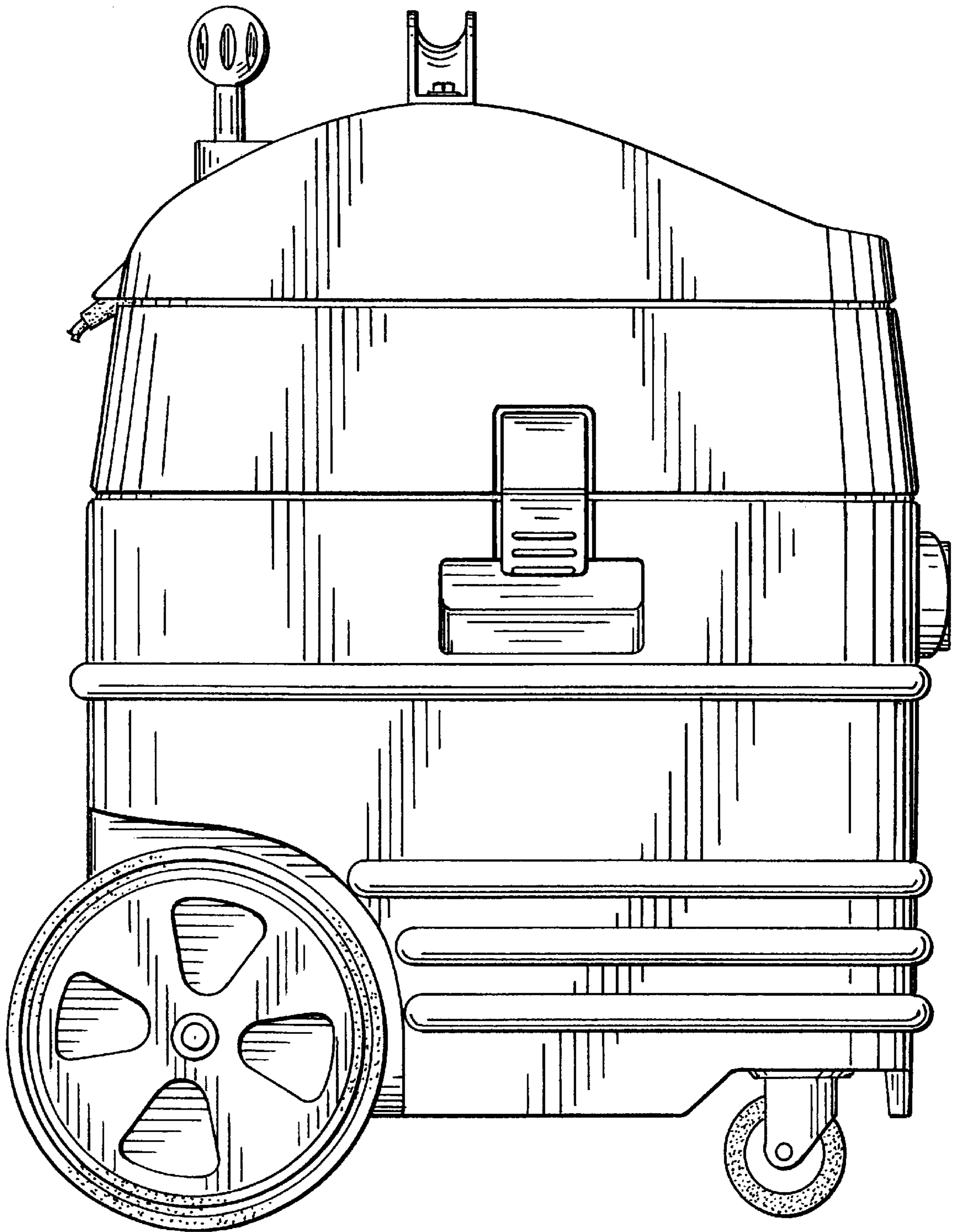


Fig.5

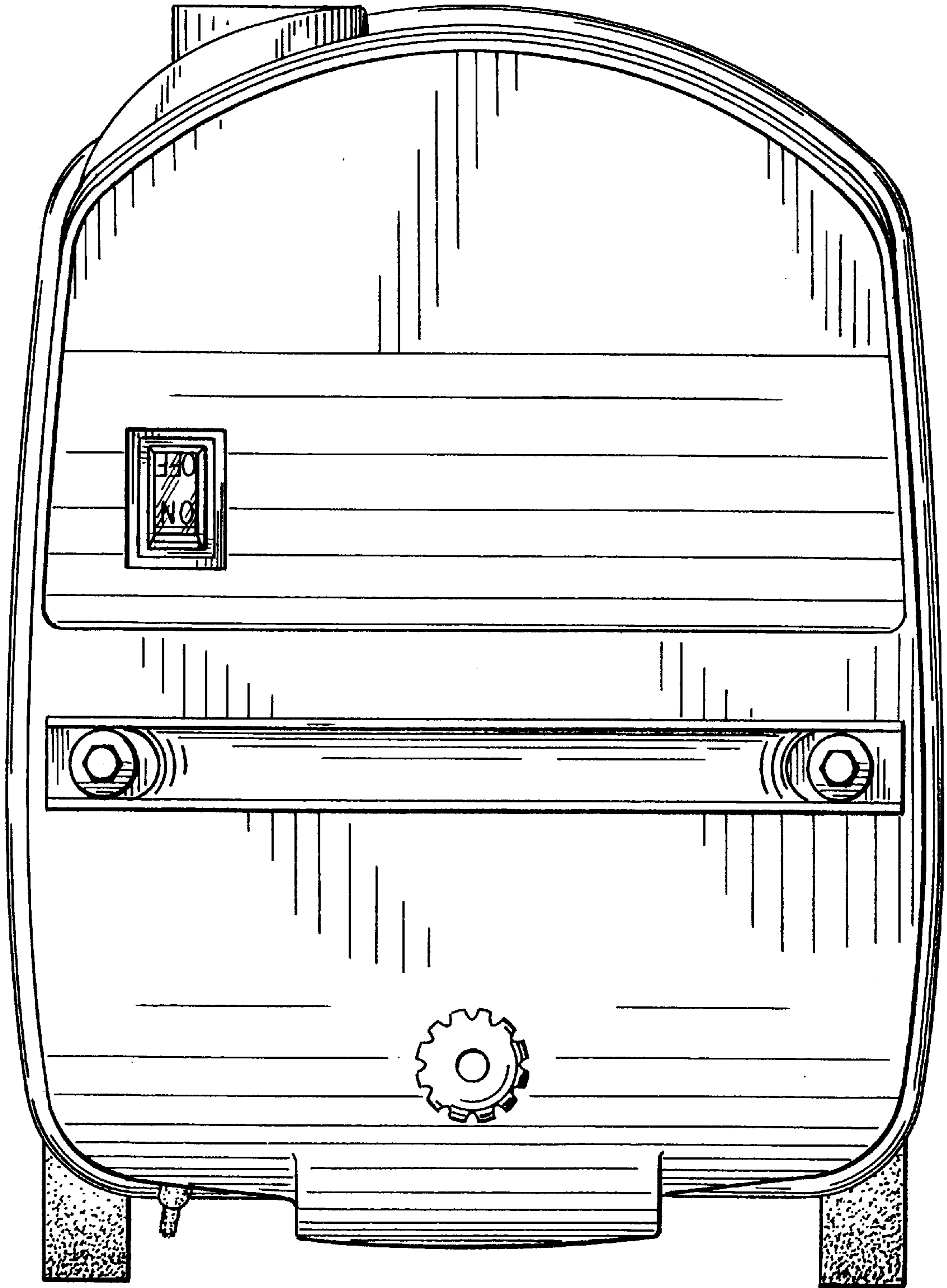


Fig.6

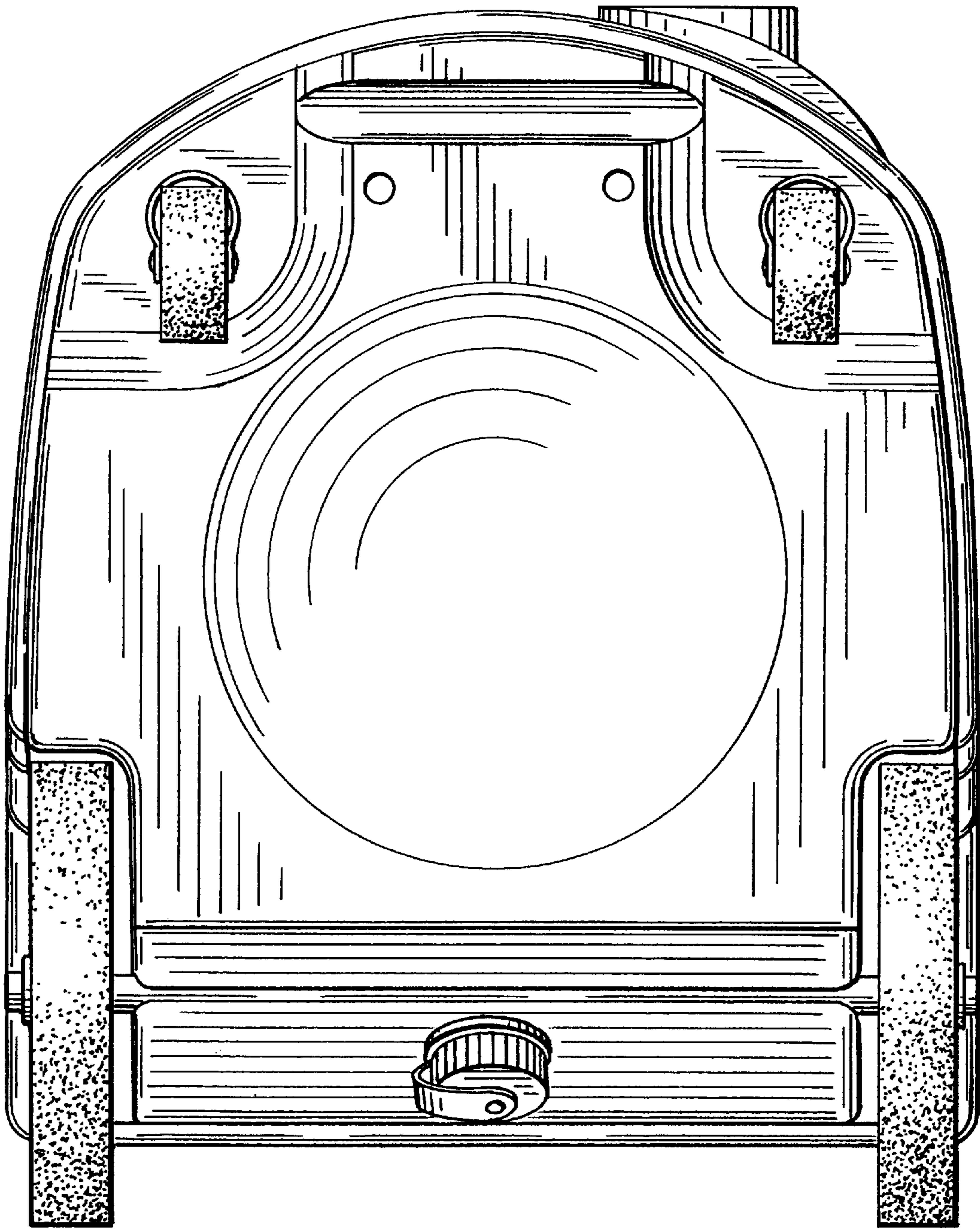


Fig.7

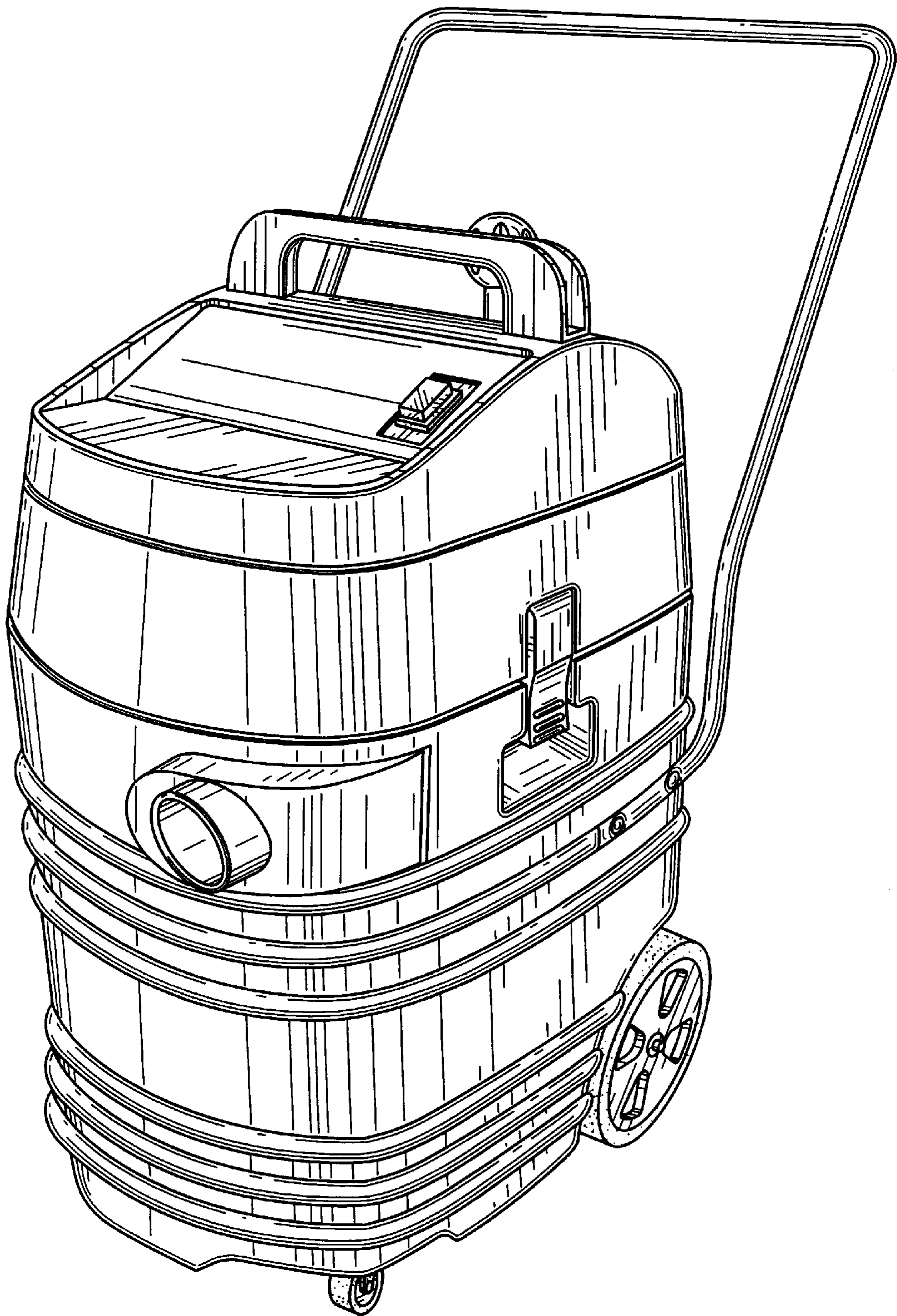


FIG. 8

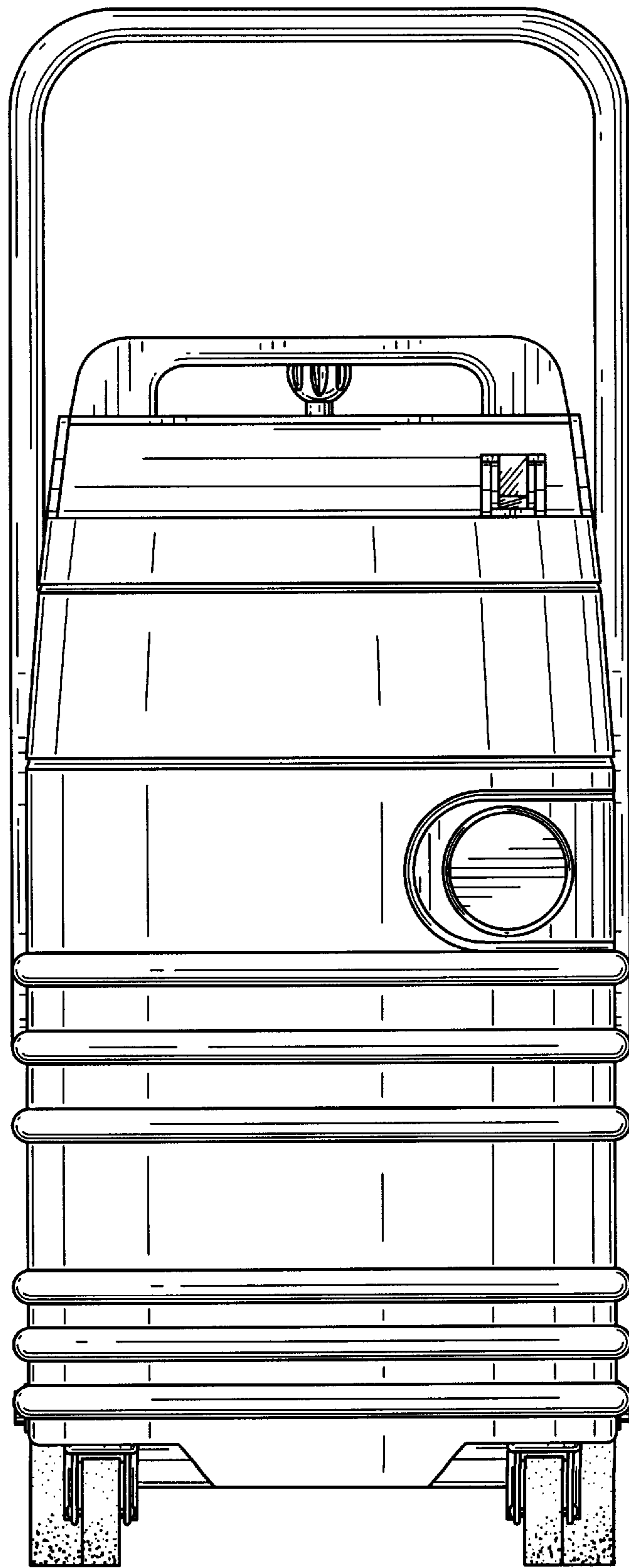


FIG. 9

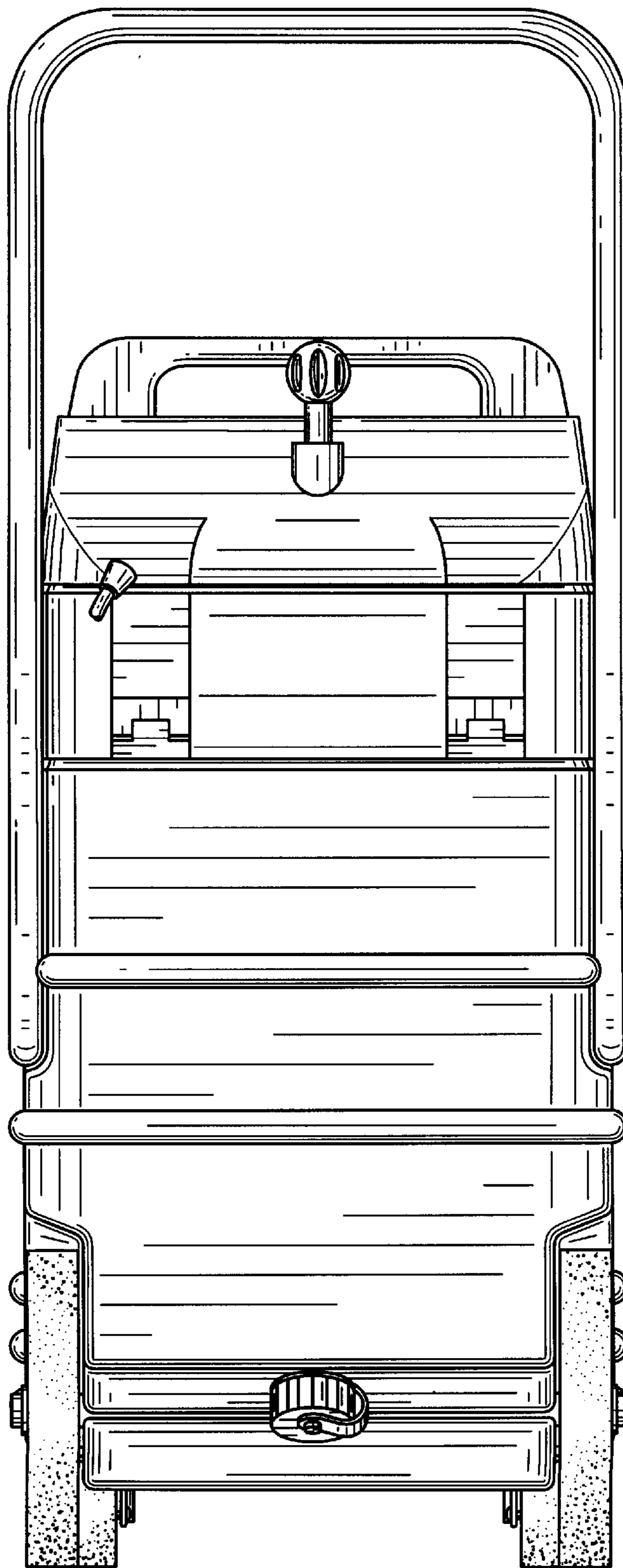


FIG.10

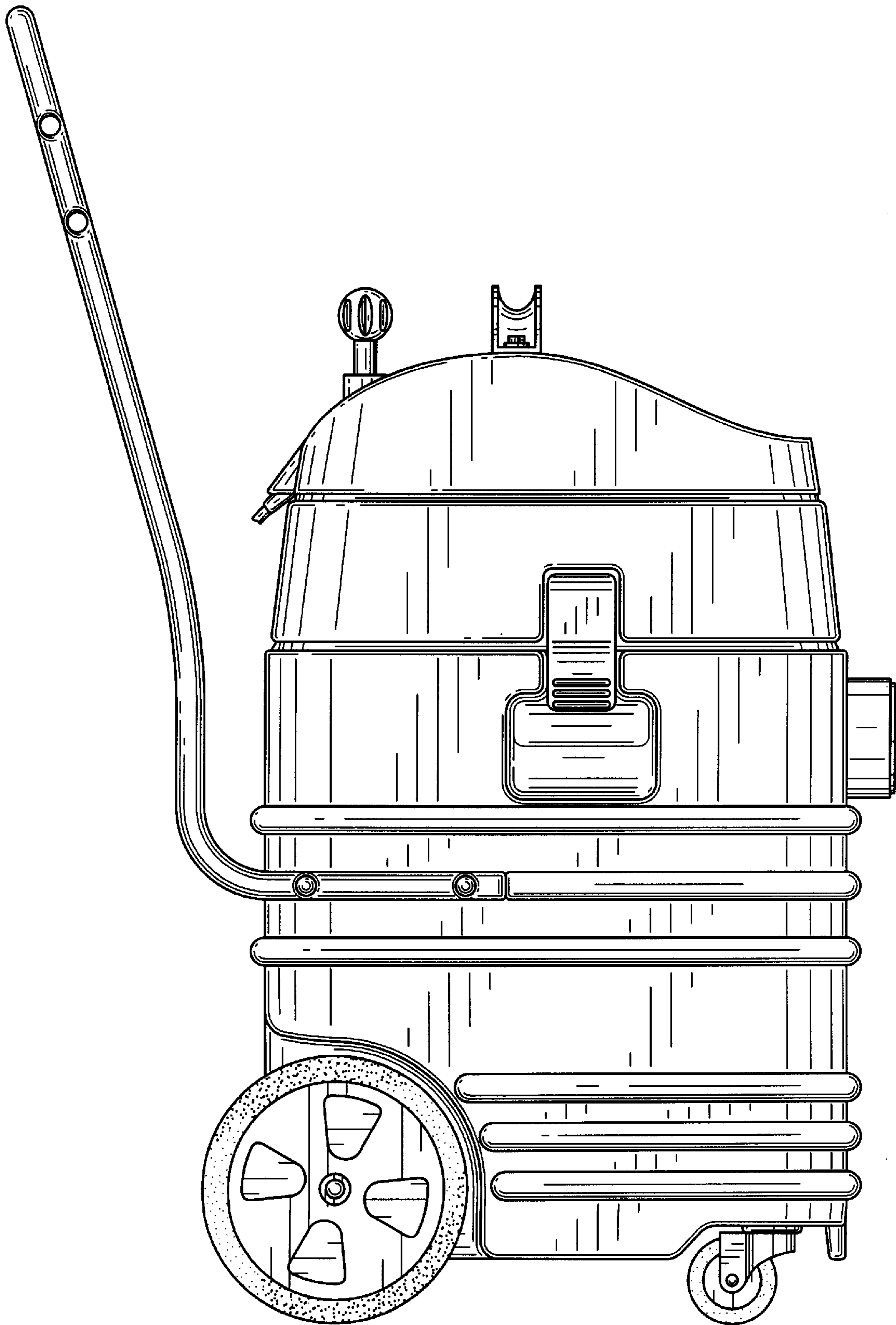


FIG.11

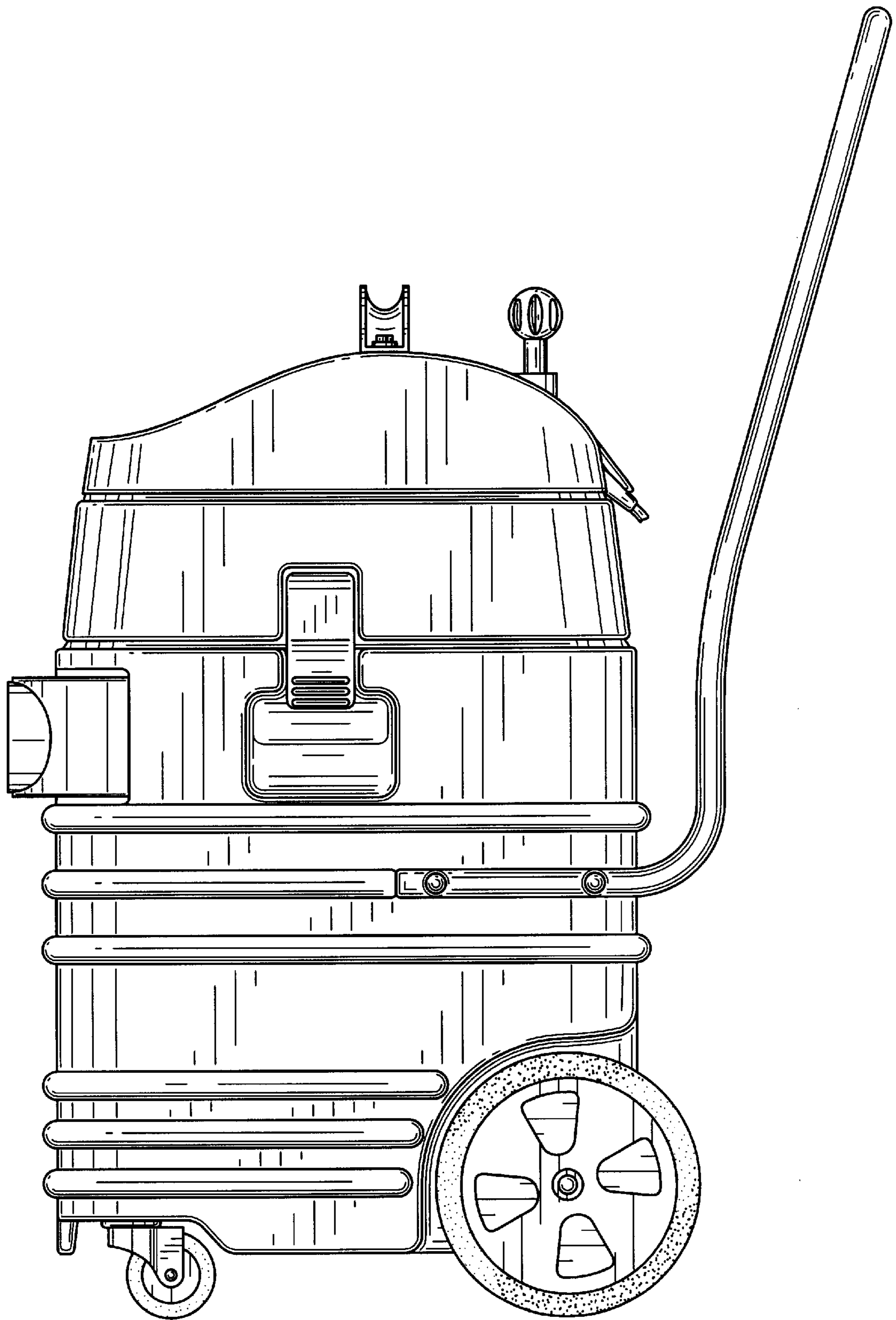


FIG. 12

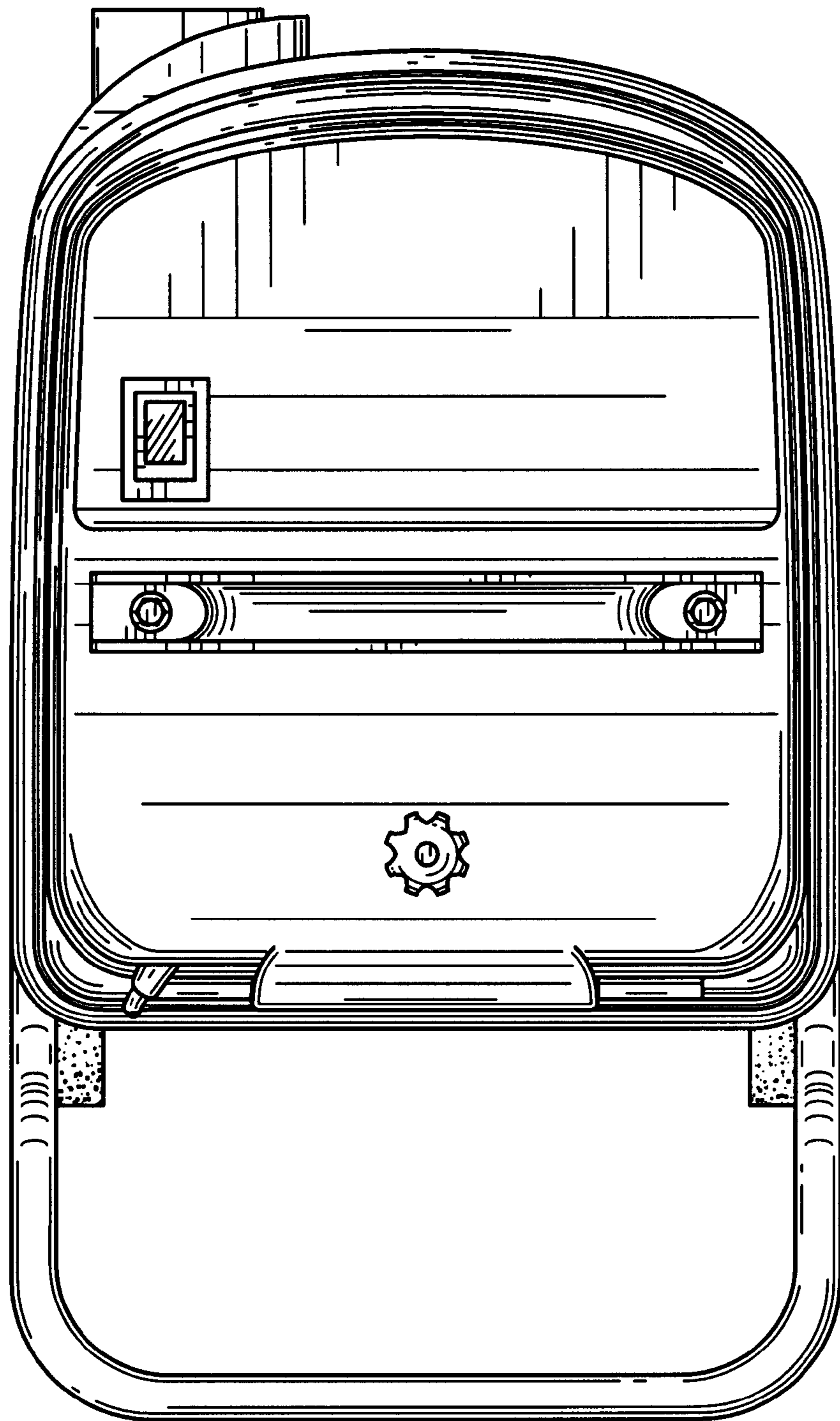


FIG. 13

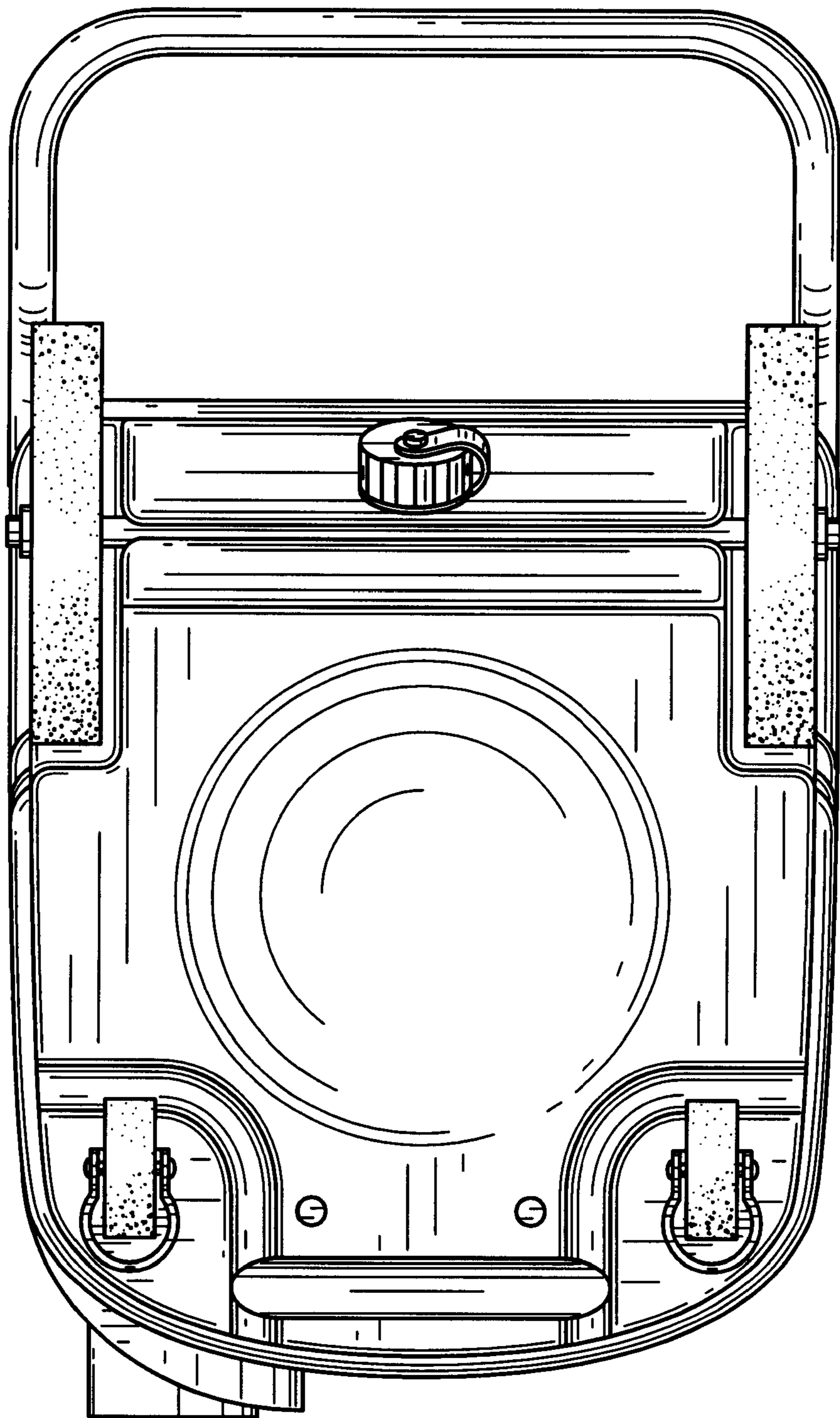


FIG. 14