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(12) **United States Design Patent**
Griffin et al.

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(45) **Date of Patent:** **** Dec. 26, 2017**

(54) **VACUUM CLEANER**

(71) Applicant: **SHOP VAC CORPORATION**,
Williamsport, PA (US)

(72) Inventors: **John Griffin**, Phoenix, AZ (US); **Jason Gottschall**, South Williamsport, PA (US); **Craig A. Seasholtz**, Avis, PA (US)

(73) Assignee: **SHOP VAC CORPORATION**,
Williamsport, PA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/577,570**

(22) Filed: **Sep. 14, 2016**

(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/21**

(58) **Field of Classification Search**
USPC D32/17, 21-24, 31
CPC D06F 87/00; D06F 75/06; D06F 73/00;
F22B 1/284; F24F 6/025; B44C 7/027;
A47L 11/34; A47L 9/2842; A47L 5/362;
A47L 5/365; A47L 7/0038; A04H 4/1636;
A04H 4/1654; A04H 4/169; E04H
4/1272; B01D 35/26

See application file for complete search history.

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Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Marshall, Gerstein & Borun LLP

(57) **CLAIM**

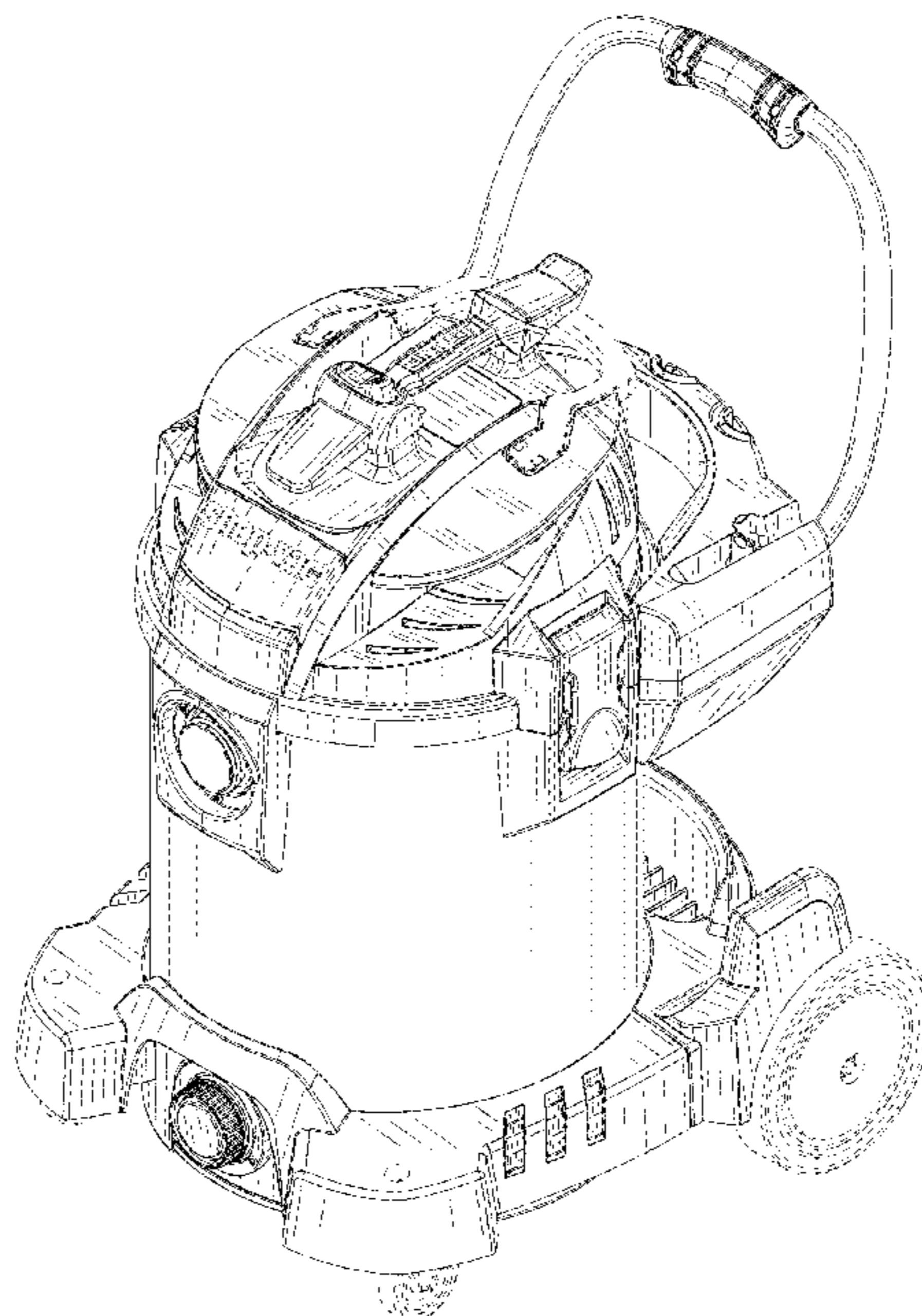
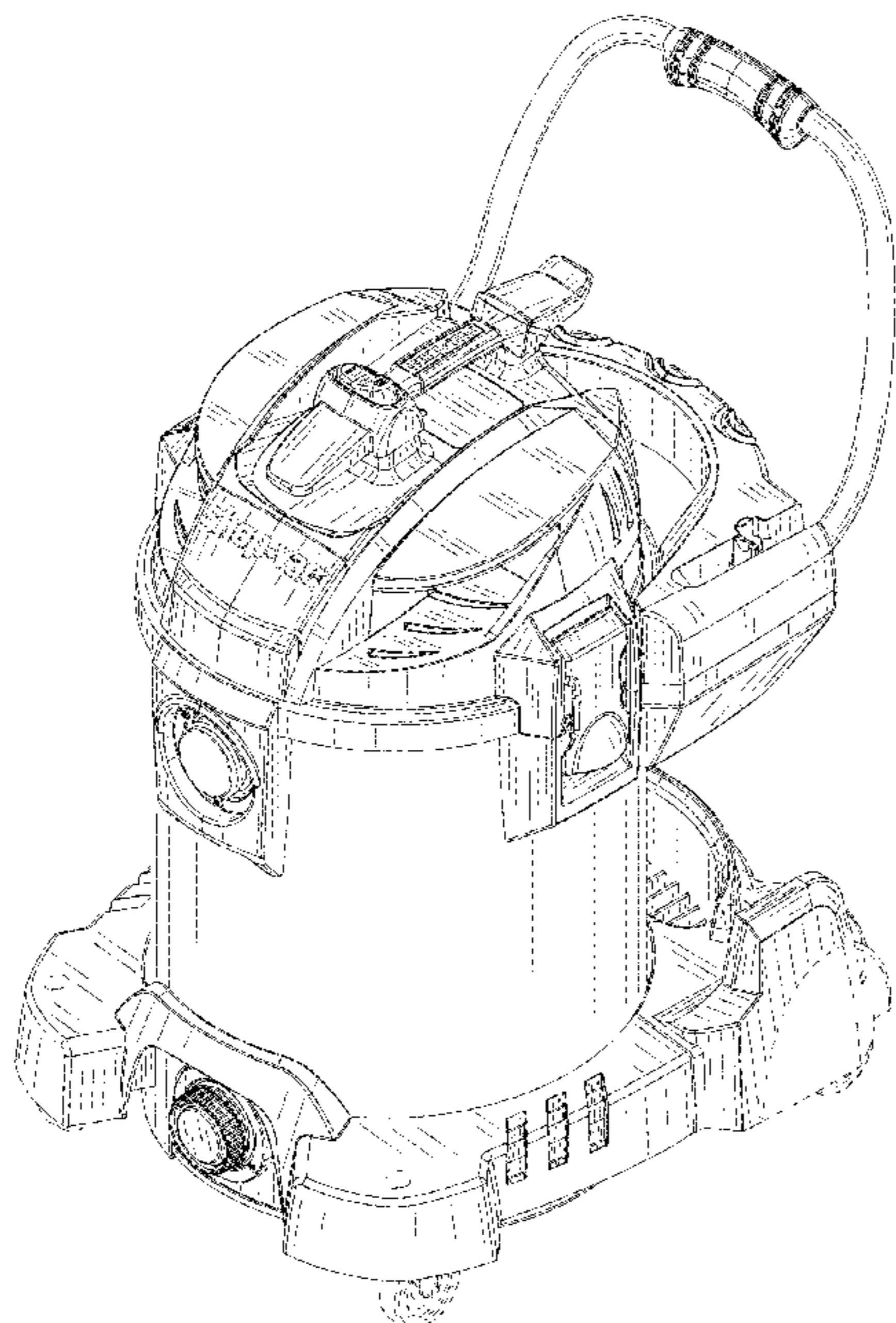
The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and right-side perspective view of a vacuum cleaner showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a right-side elevation view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a left-side elevation view thereof; FIG. 6 is a rear elevation view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a top, front and right-side perspective view of a second embodiment thereof; FIG. 9 is a front elevation view of FIG. 8; FIG. 10 is a right-side elevation view of FIG. 8; FIG. 11 is a top plan view of FIG. 8; FIG. 12 is a left-side elevation view of FIG. 8; FIG. 13 is a rear elevation view of FIG. 8; and, FIG. 14 is a bottom plan view of FIG. 8.

The broken lines represent portions of the vacuum cleaner that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



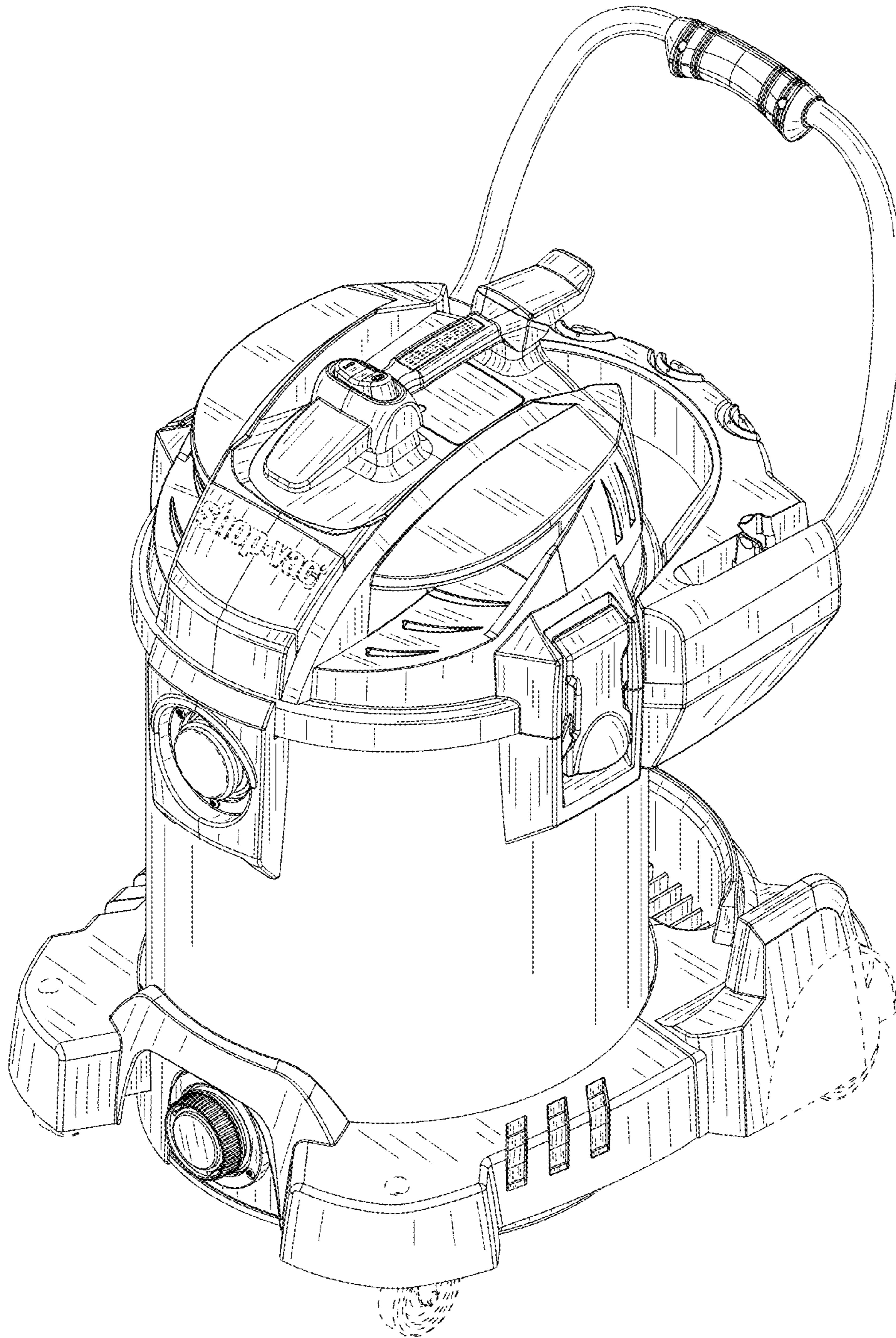


FIG. 1

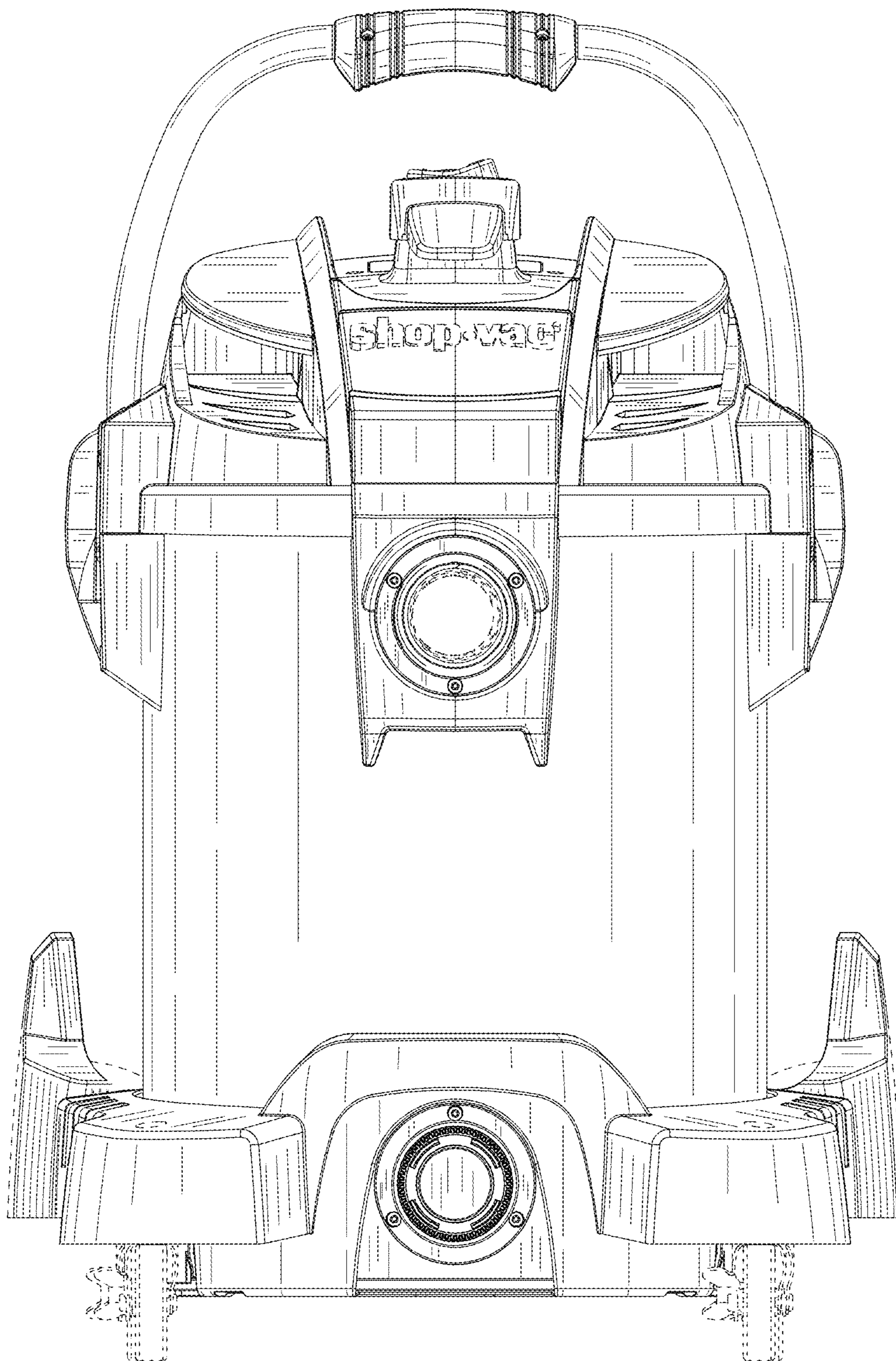


FIG. 2

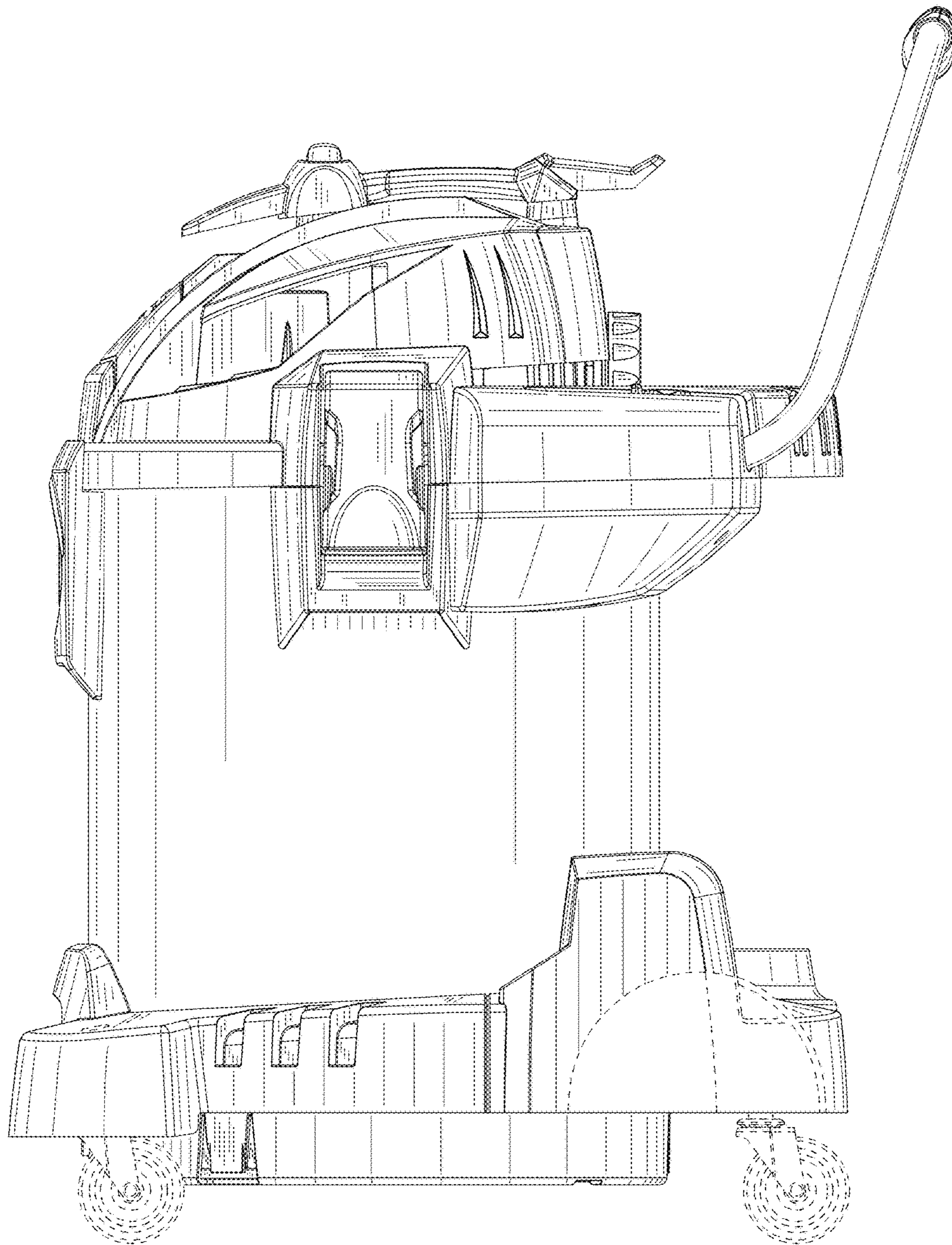


FIG. 3

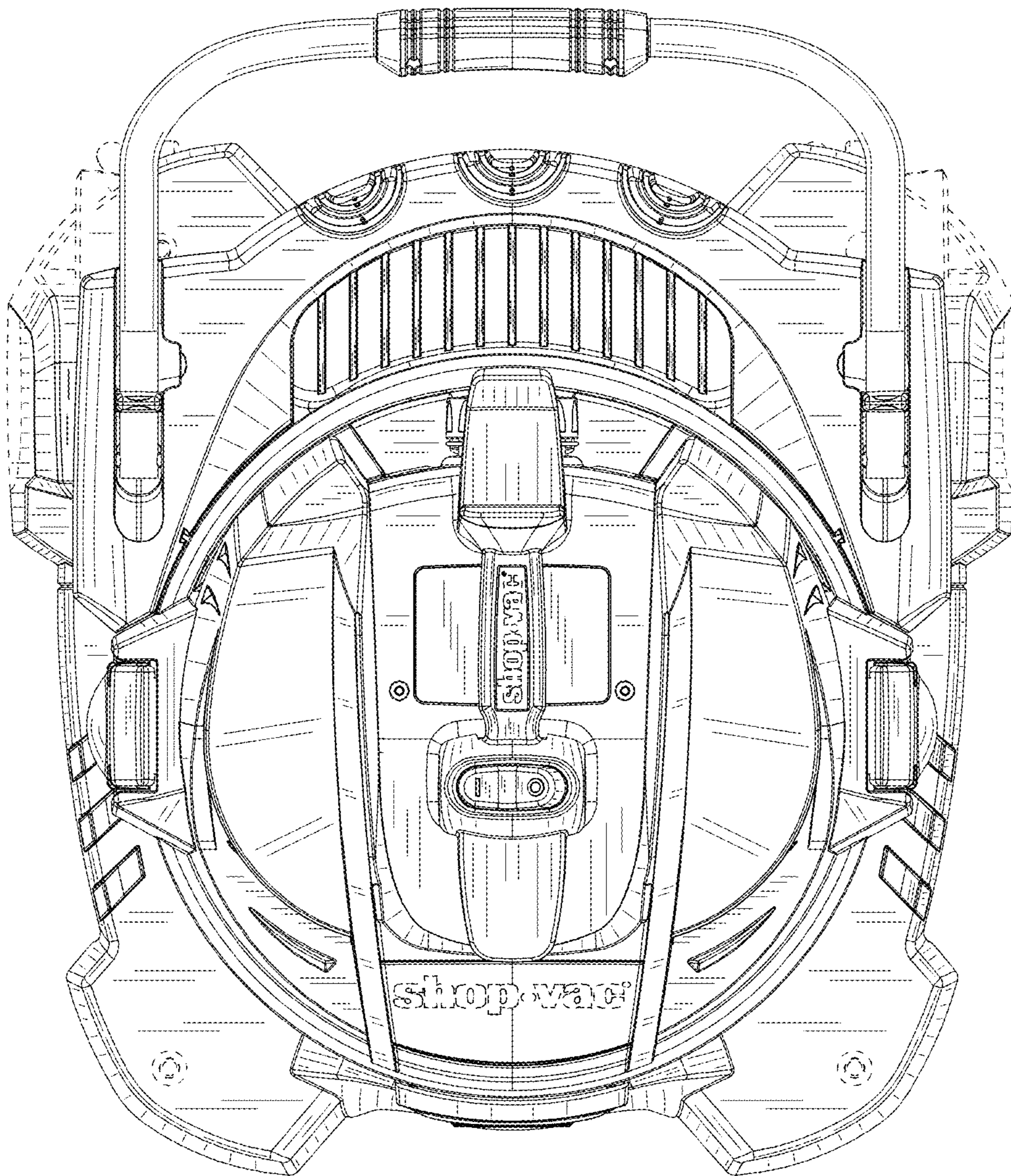


FIG. 4

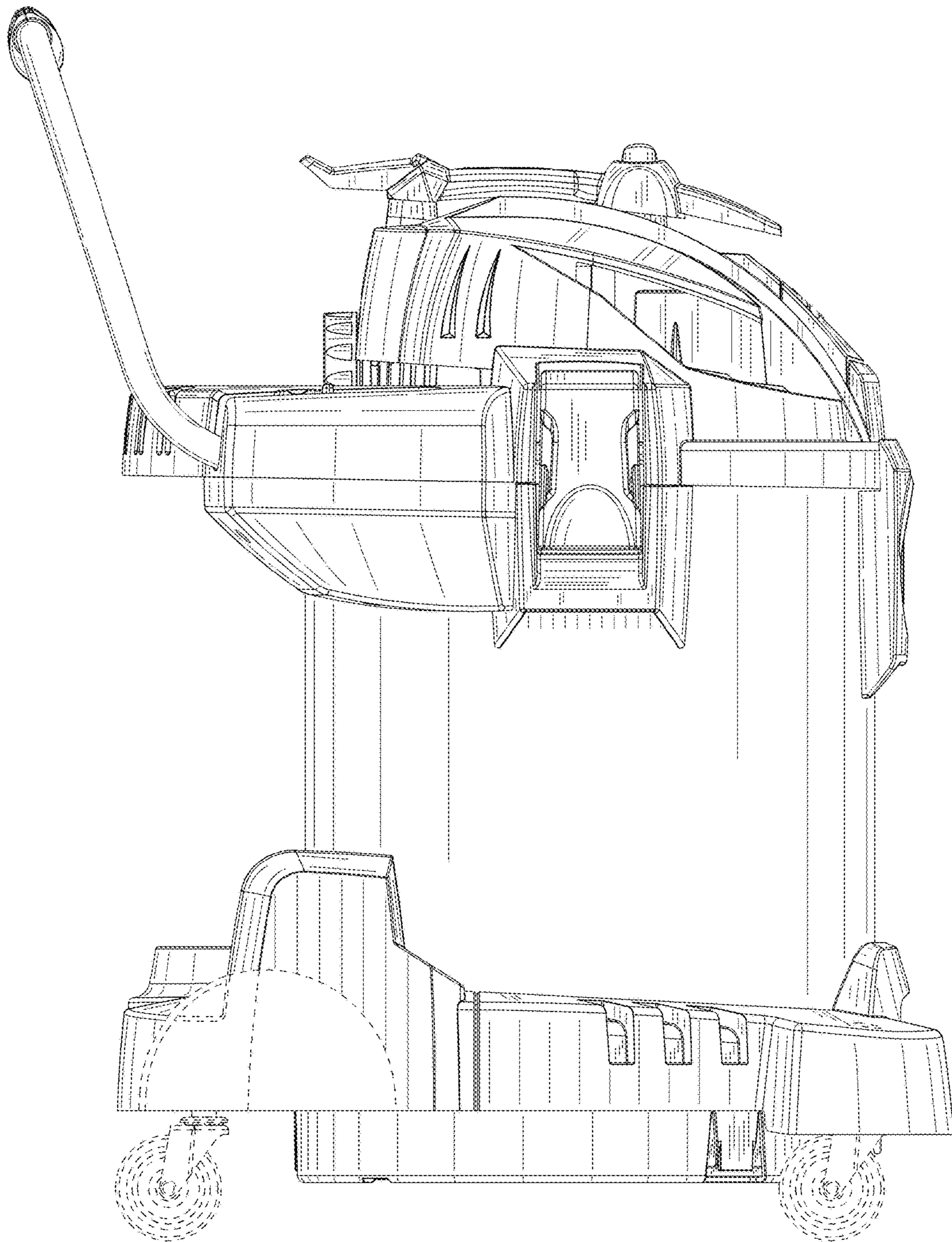


FIG. 5

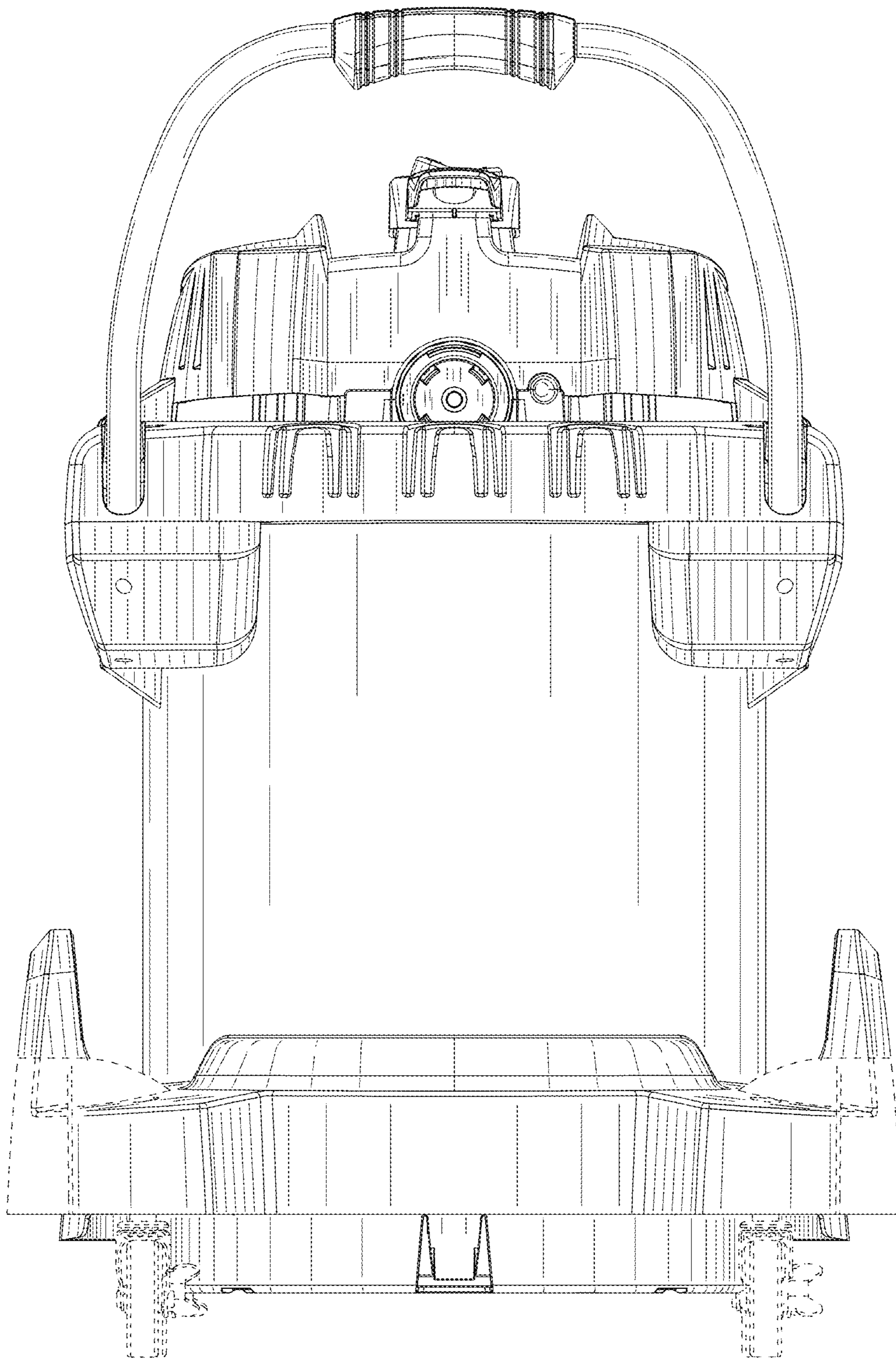


FIG. 6

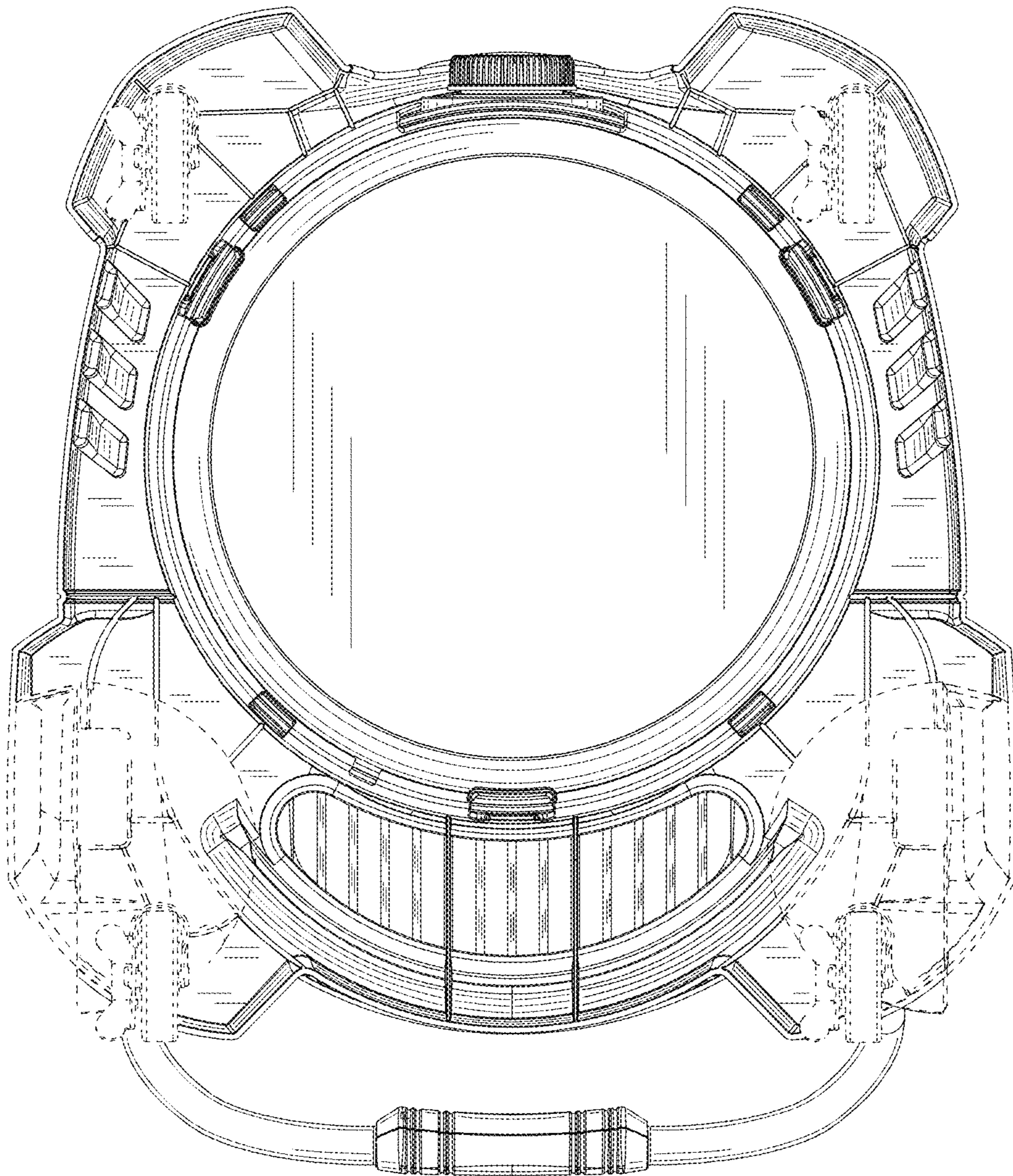


FIG. 7

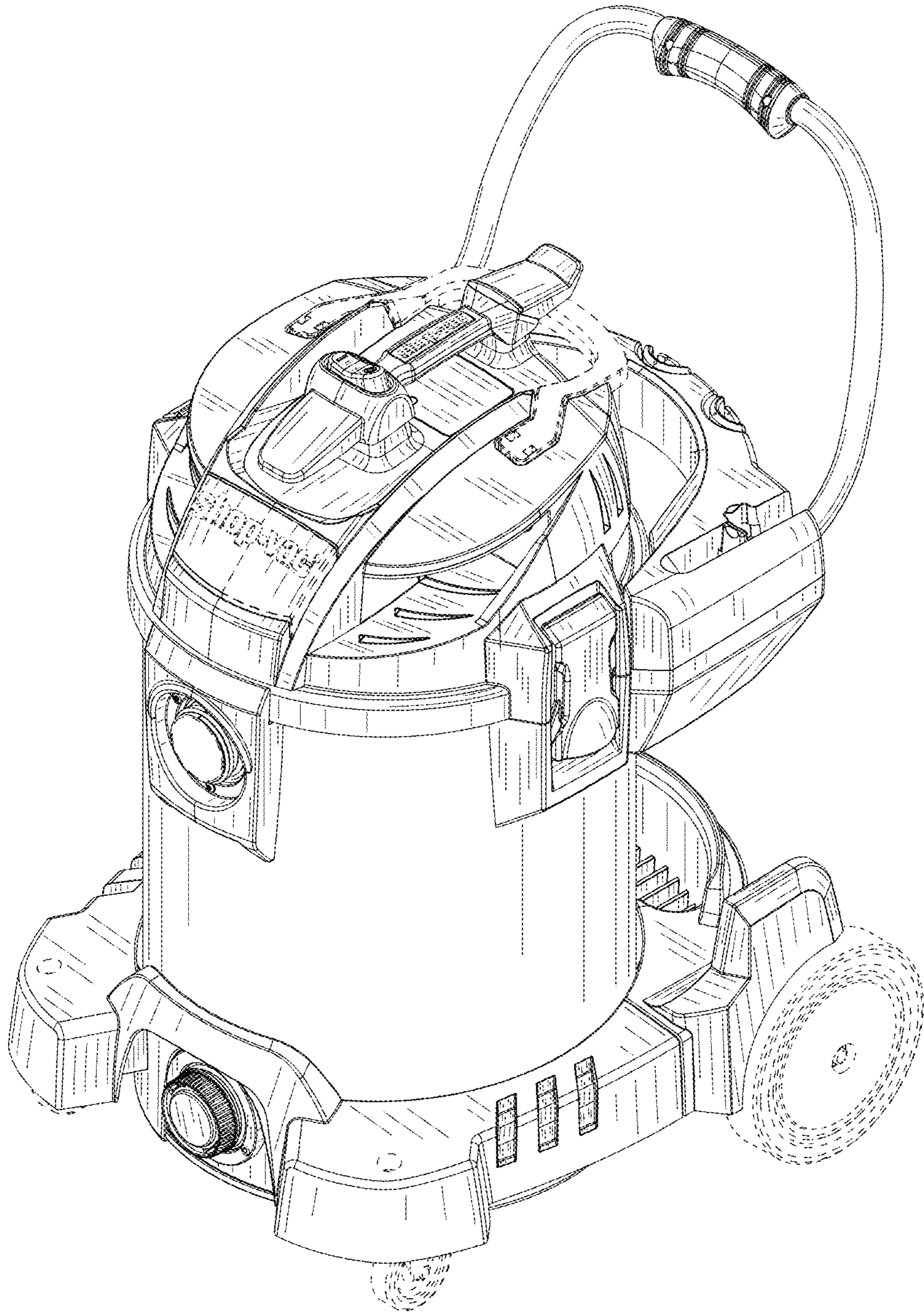


FIG. 8

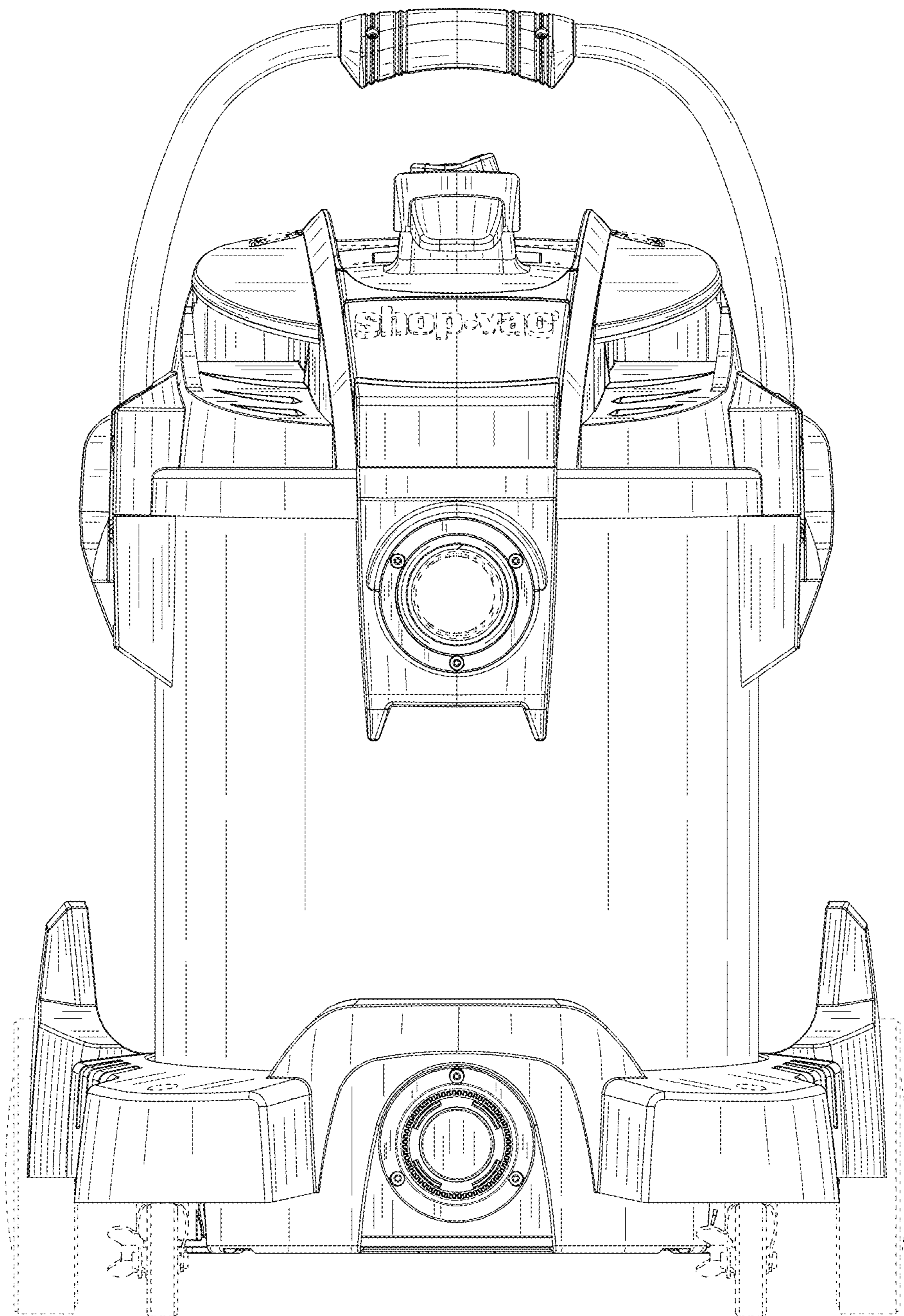


FIG. 9

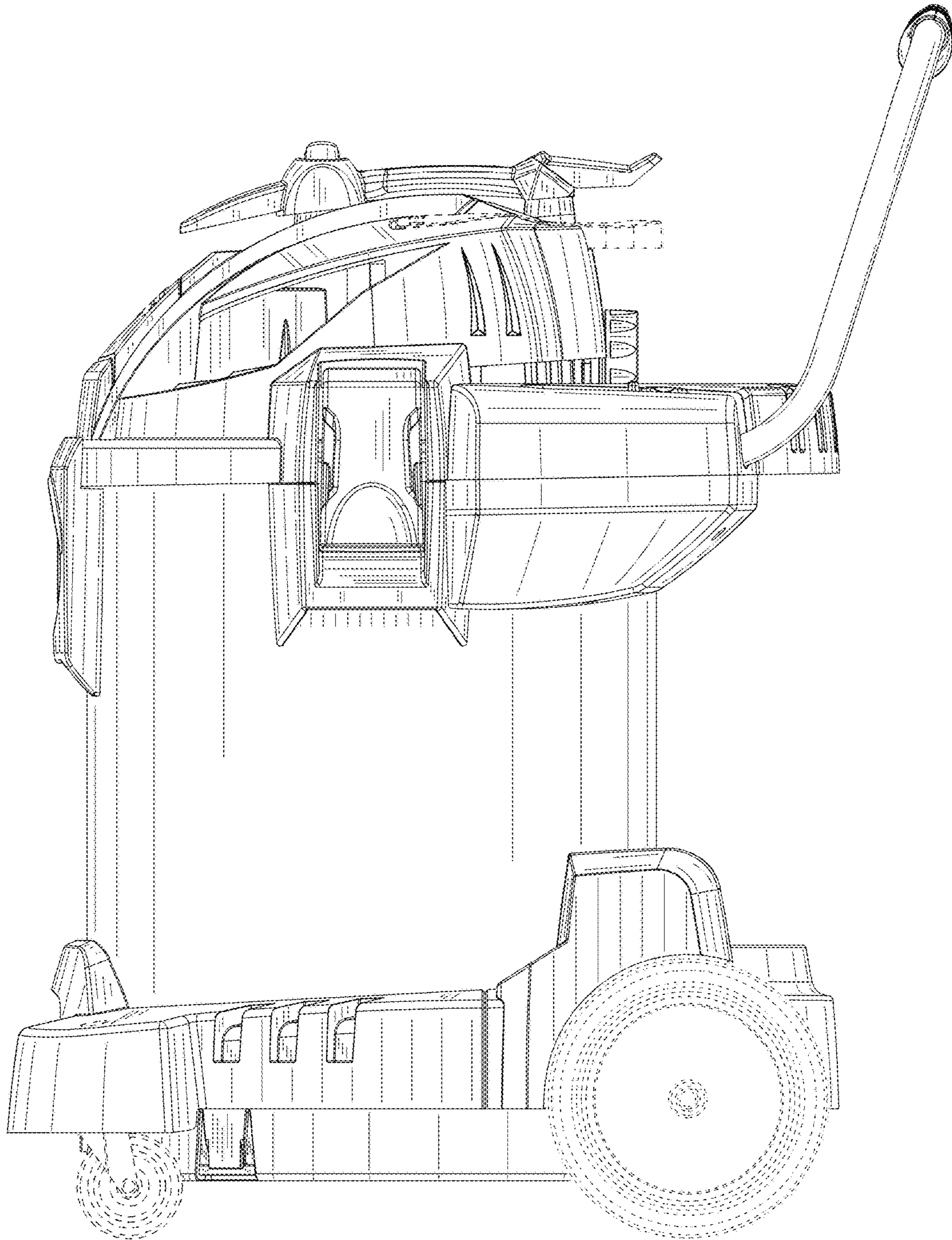


FIG. 10

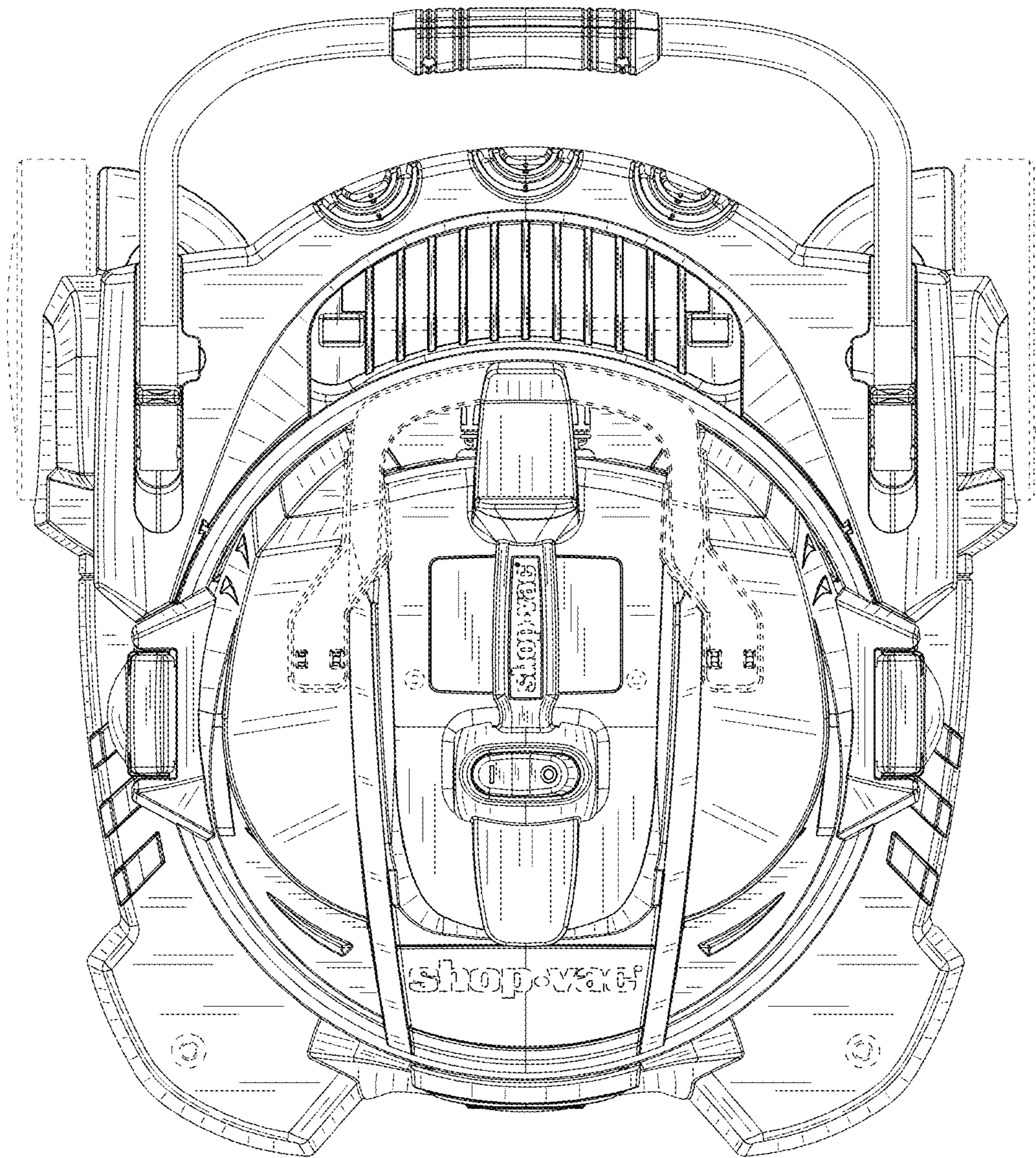


FIG. 11

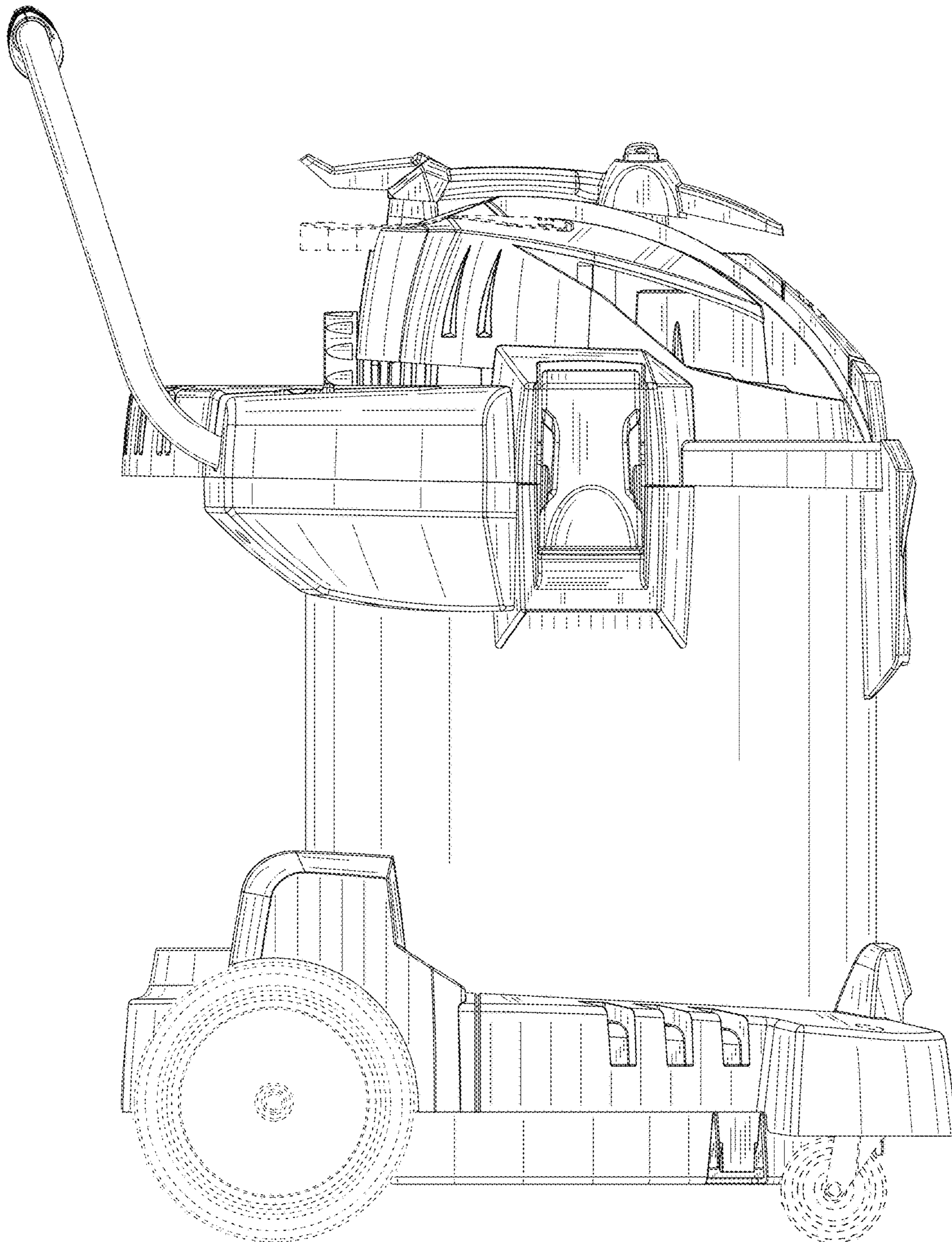


FIG. 12

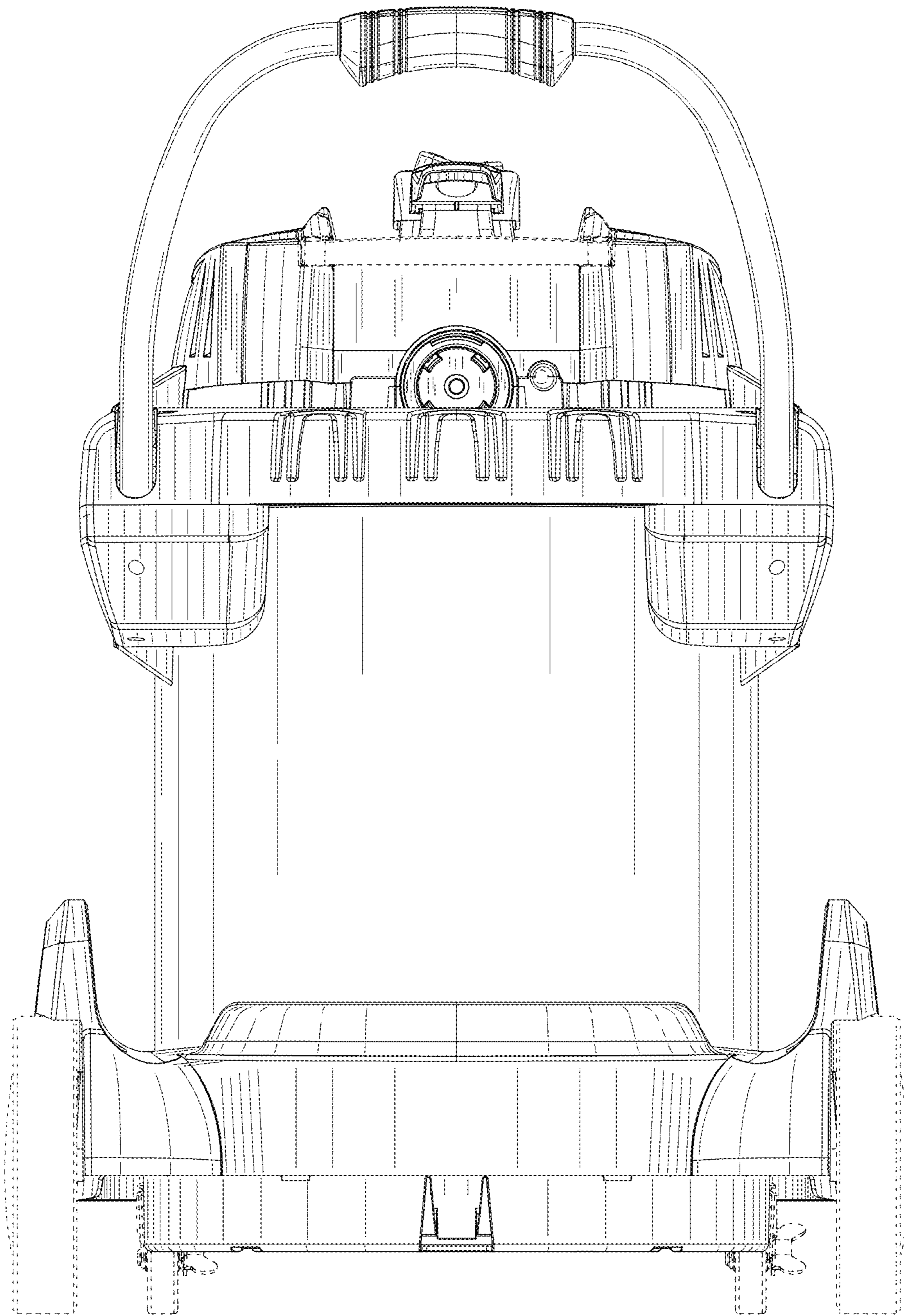


FIG. 13

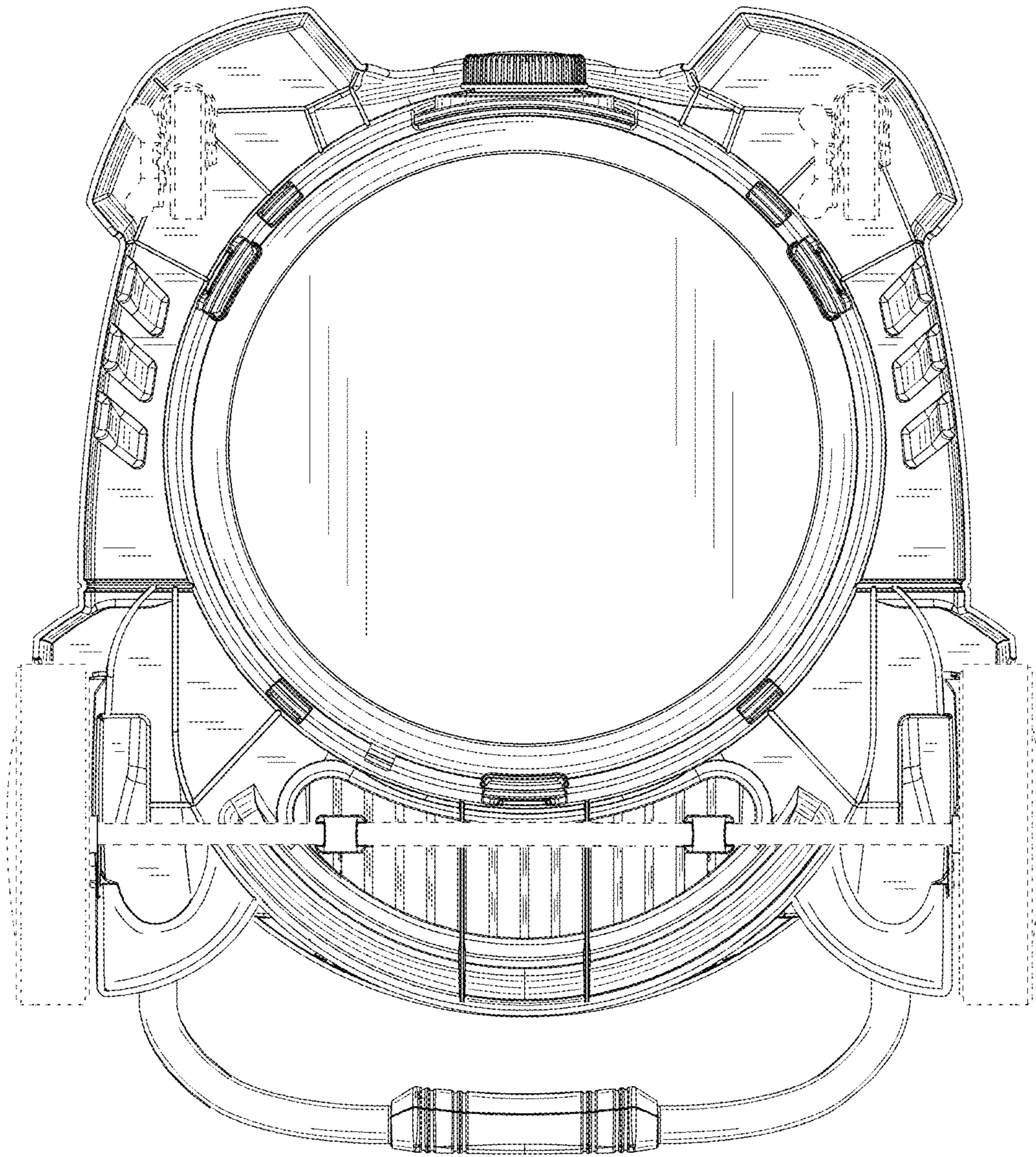


FIG. 14