



US00D804115S

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

(10) **Patent No.:** **US D804,115 S**

(45) **Date of Patent:** **** Nov. 28, 2017**

(54) **VACUUM CLEANER**

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

(72) Inventors: **John Griffin**, Phoenix, AZ (US);
Melvin E. Wolfe, Jr., Johnson City, NY
(US); **Jason Gottschall**, South
Williamsport, PA (US)

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

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

(21) Appl. No.: **29/568,444**

(22) Filed: **Jun. 17, 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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D447,293 S	8/2001	Griffin	
D470,281 S	2/2003	Griffin et al.	
D479,371 S	9/2003	Griffin et al.	
D506,042 S	6/2005	Griffin et al.	
D528,718 S *	9/2006	Tomasiak	D32/21
D581,111 S *	11/2008	DiPasquale	D32/21
D587,868 S *	3/2009	DiPasquale	D32/21

D615,258 S *	5/2010	Dammkoehler	D32/23
D637,778 S	5/2011	Crevling et al.	
D644,800 S	9/2011	Seasholtz et al.	
D655,872 S *	3/2012	Jin	D32/21
D660,529 S *	5/2012	Dammkoehler	D32/21
D675,388 S *	1/2013	Buck	D32/21
D676,205 S *	2/2013	Theising	D32/21
D743,648 S *	11/2015	Imsand	D32/21
D746,523 S *	12/2015	Jin	D32/21
9,572,464 B2 *	2/2017	Wehner	A47L 5/365
D782,759 S *	3/2017	Mathiassen	D32/21

* cited by examiner

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, right-side, and front view of a vacuum cleaner, showing the new design.

FIG. 2 is a front elevation view of the vacuum cleaner.

FIG. 3 is a right-side elevation view of the vacuum cleaner.

FIG. 4 is a top plan view of the vacuum cleaner.

FIG. 5 is a left-side elevation view of the vacuum cleaner.

FIG. 6 is a rear elevation view of the vacuum cleaner.

FIG. 7 is a top, right-side, and front view of the vacuum cleaner with the handle in a raised position.

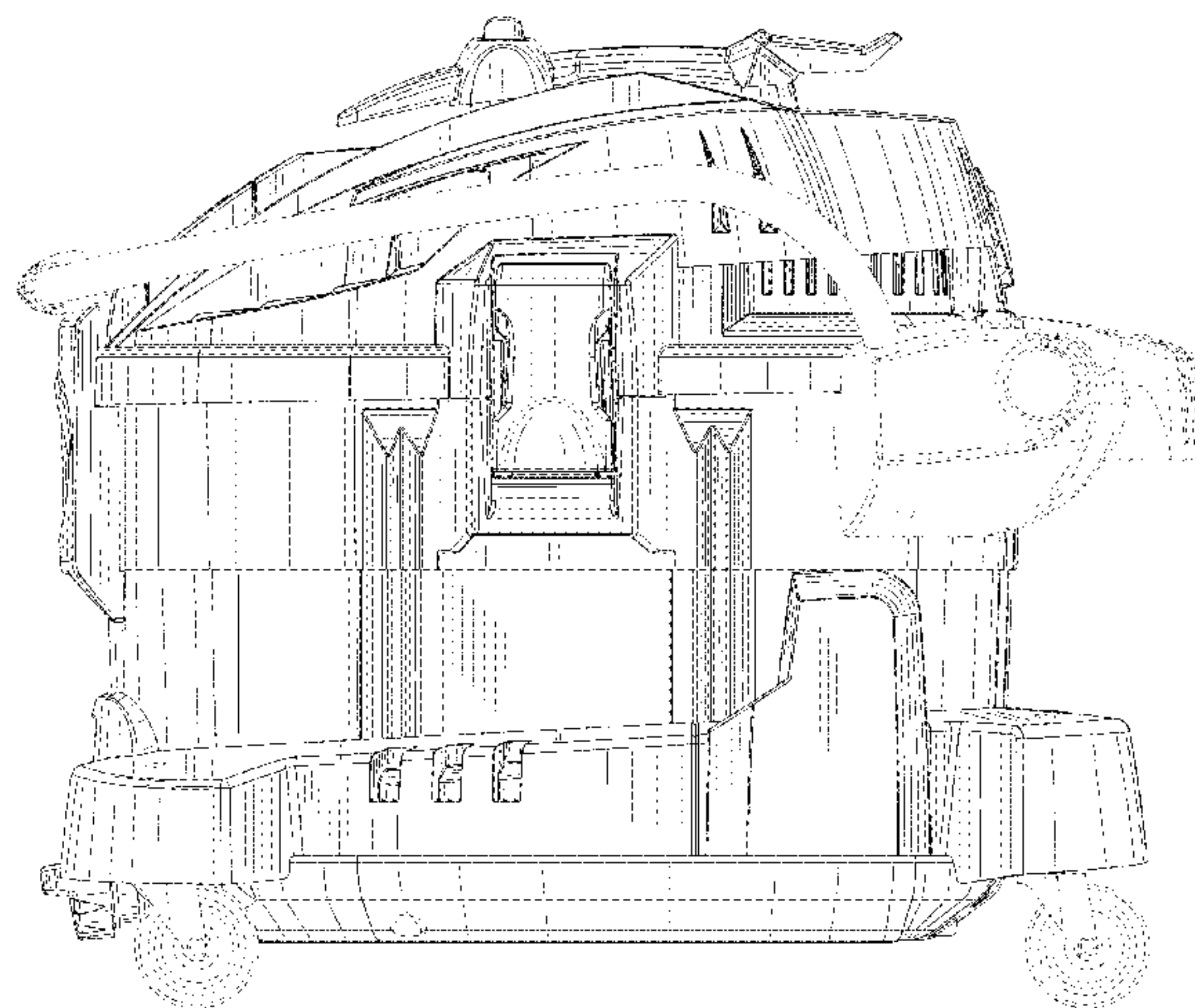
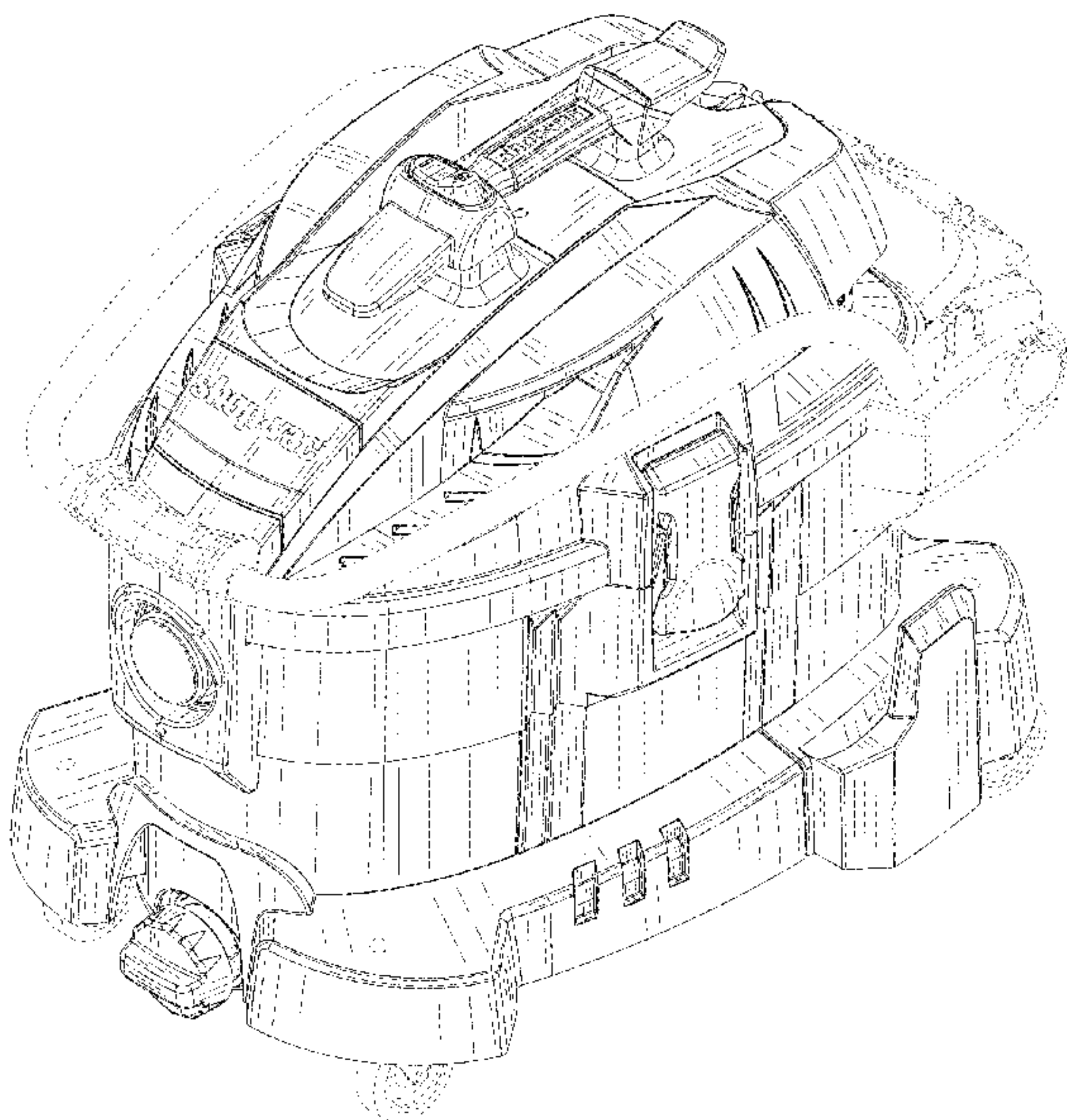
FIG. 8 is a front elevation view with the handle in the raised position.

FIG. 9 is a right-side elevation view with the handle in the raised position; and,

FIG. 10 is a rear elevation view with the handle in the raised position.

The broken lines represent unclaimed elements of the vacuum cleaner and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



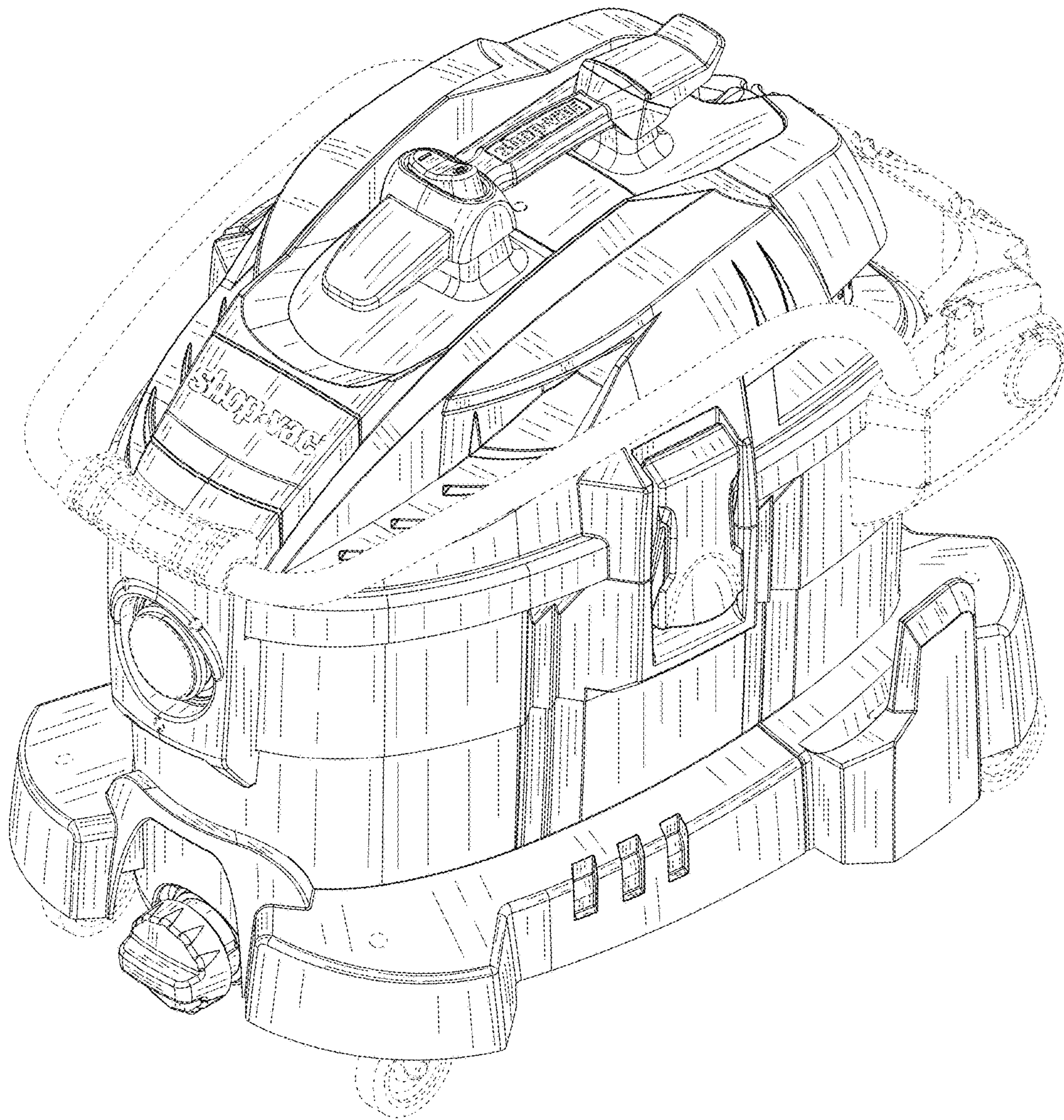


FIG. 1

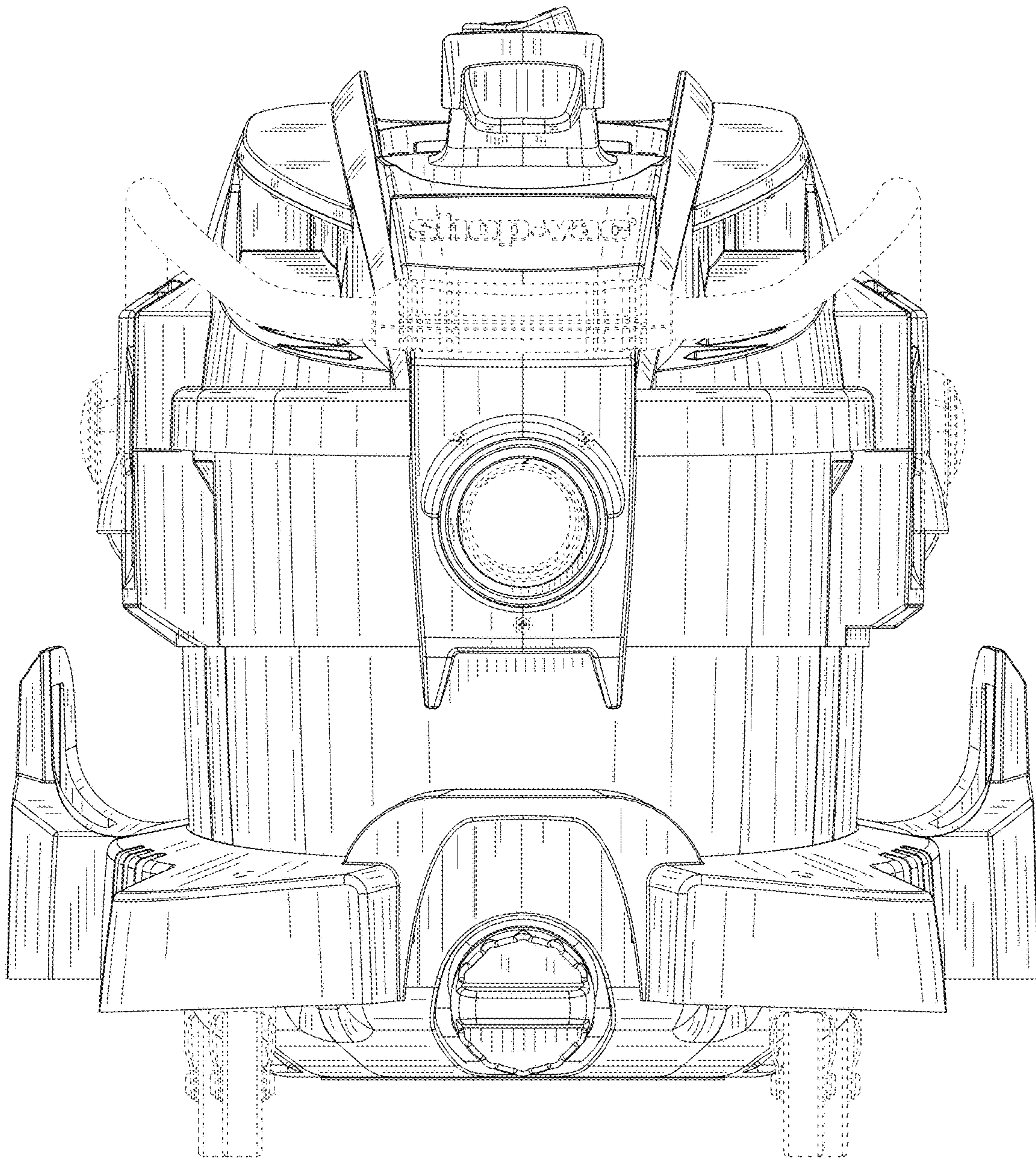


FIG. 2

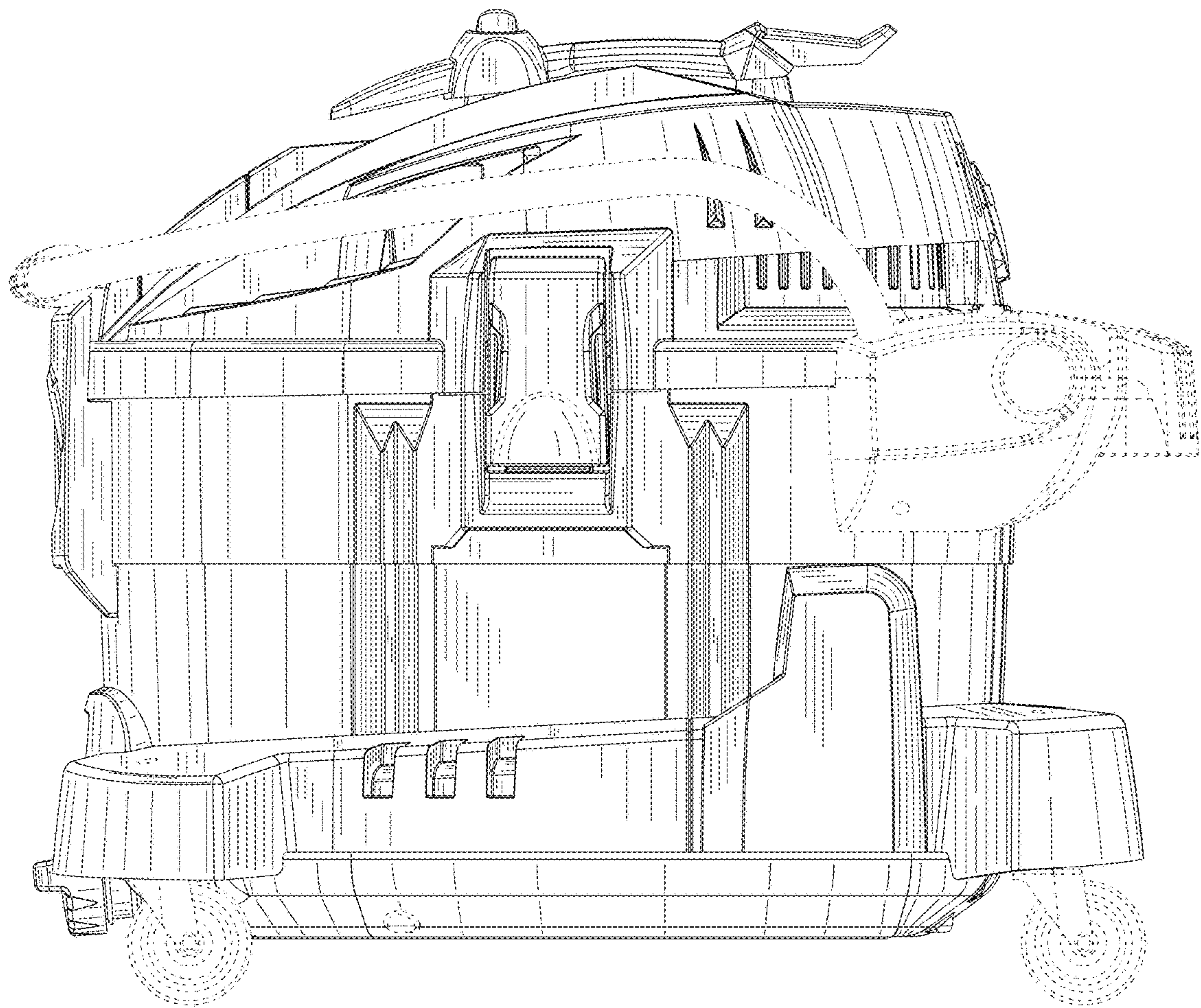


FIG. 3

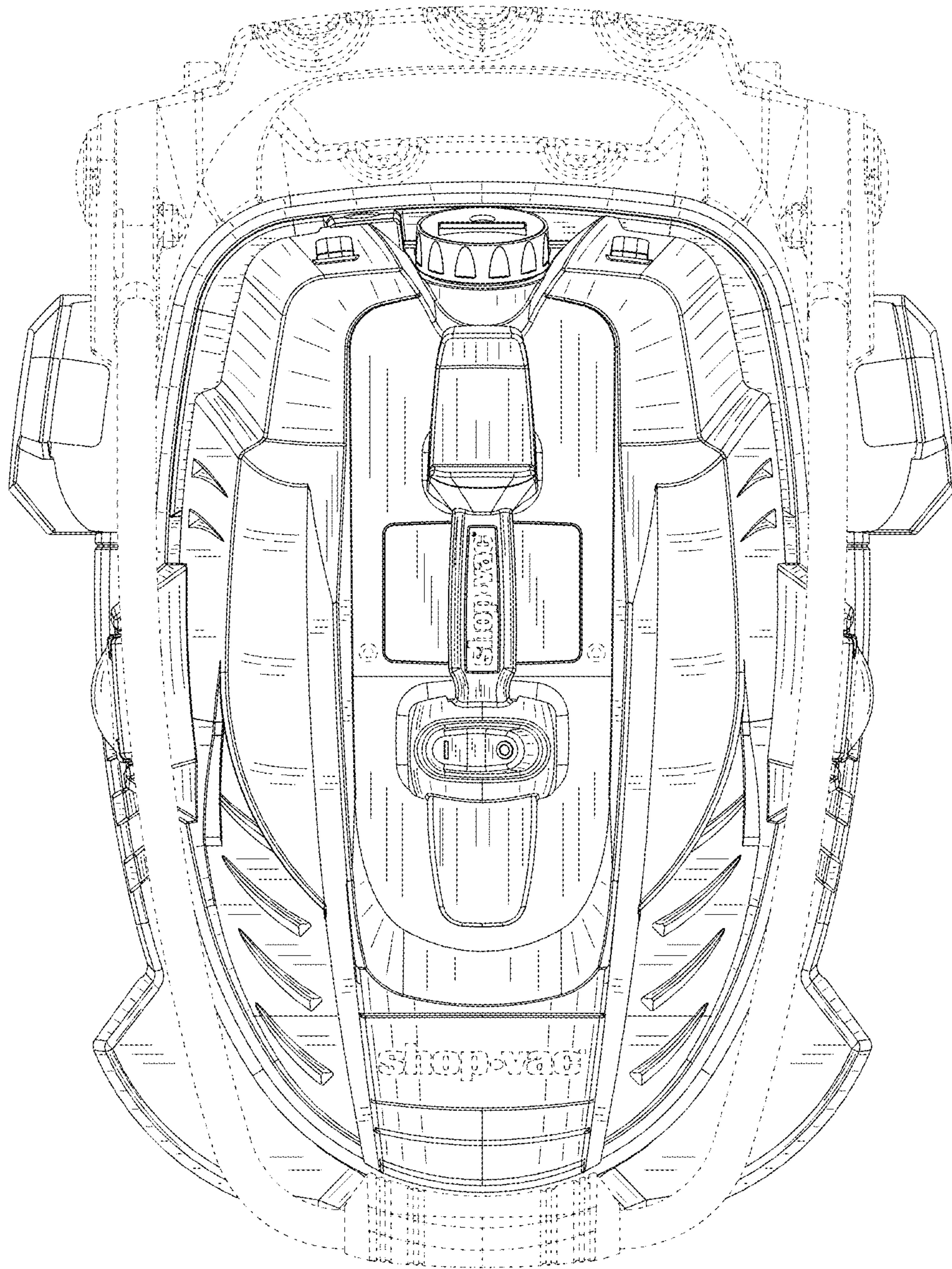


FIG. 4

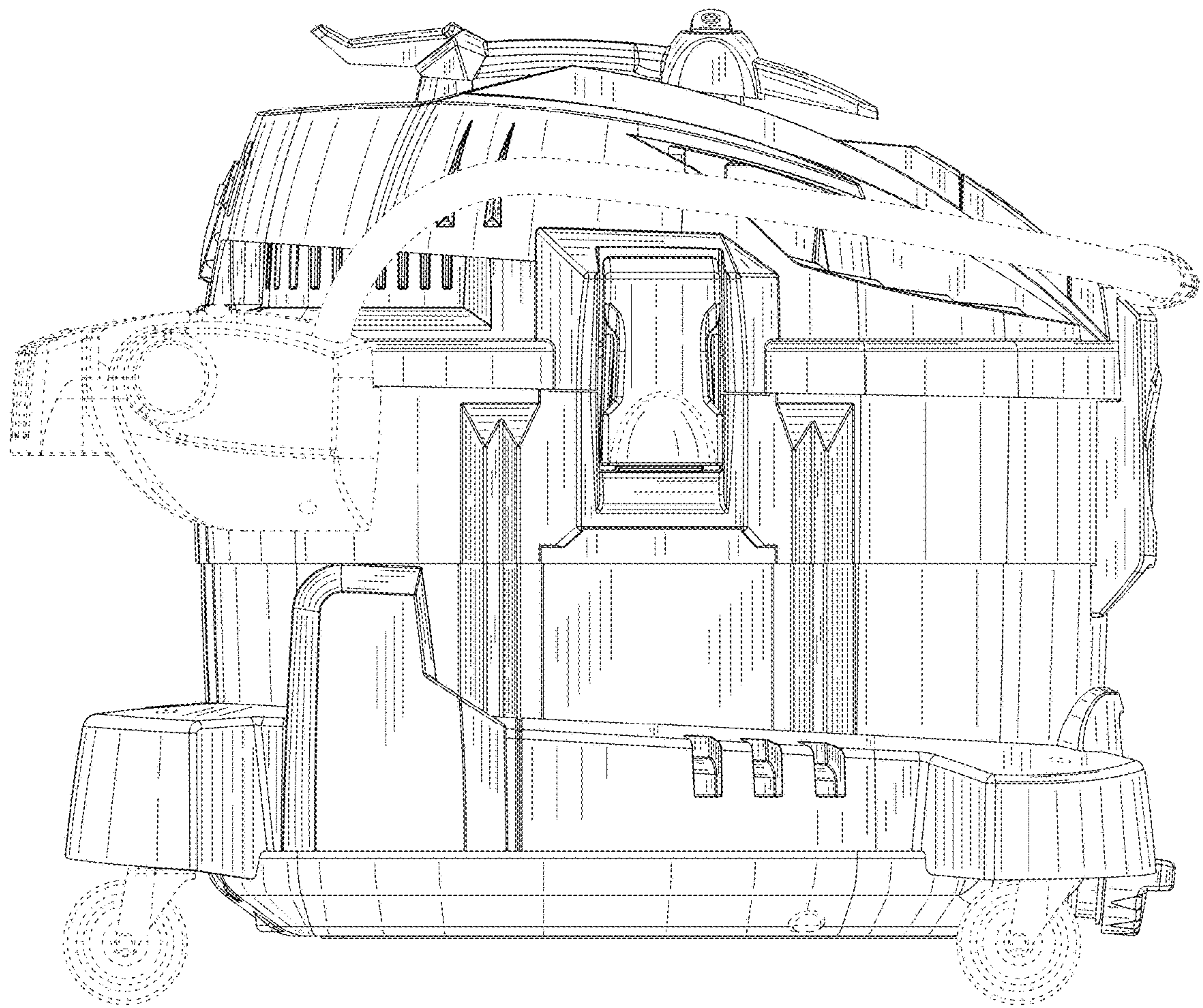


FIG. 5

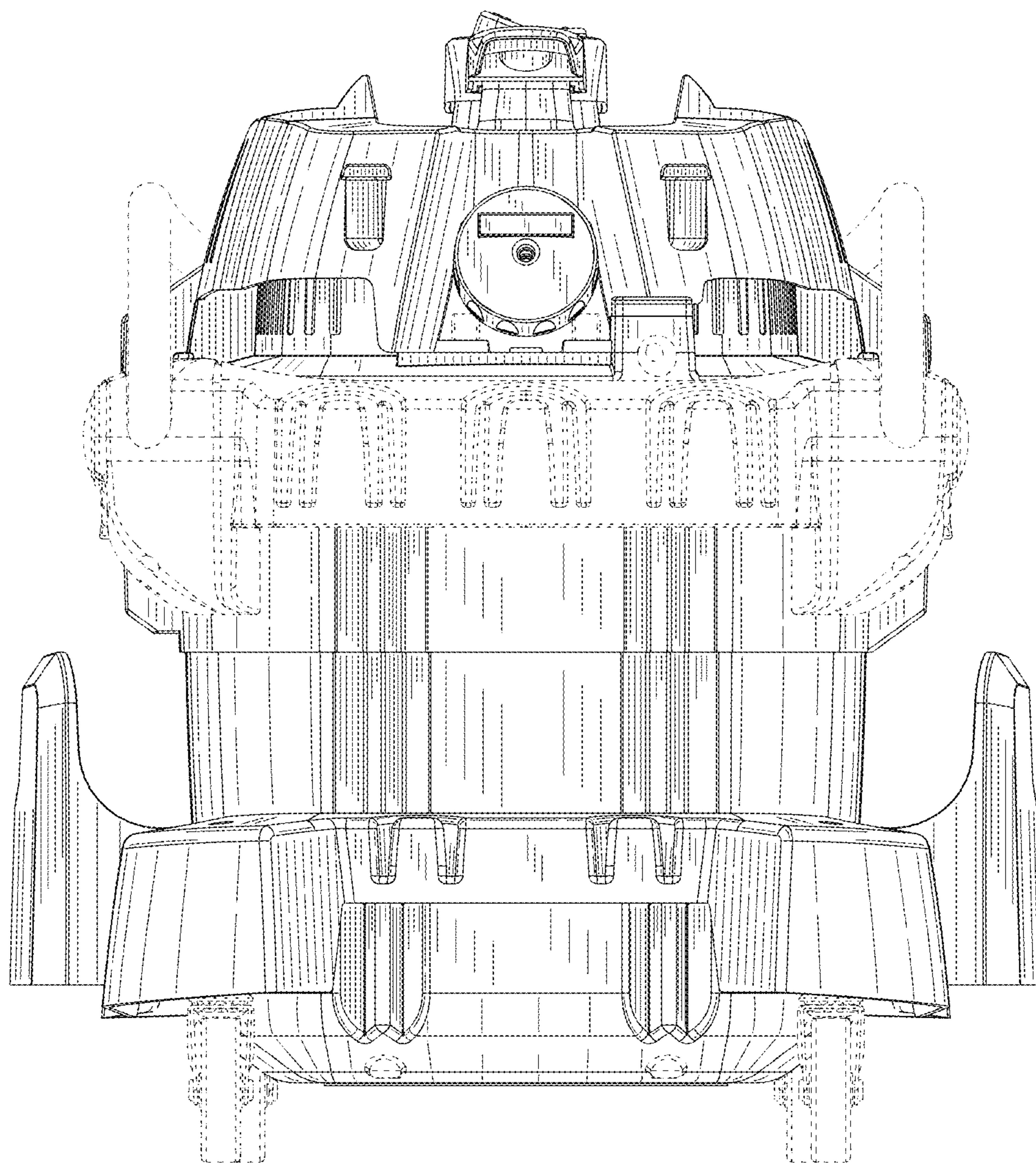


FIG. 6

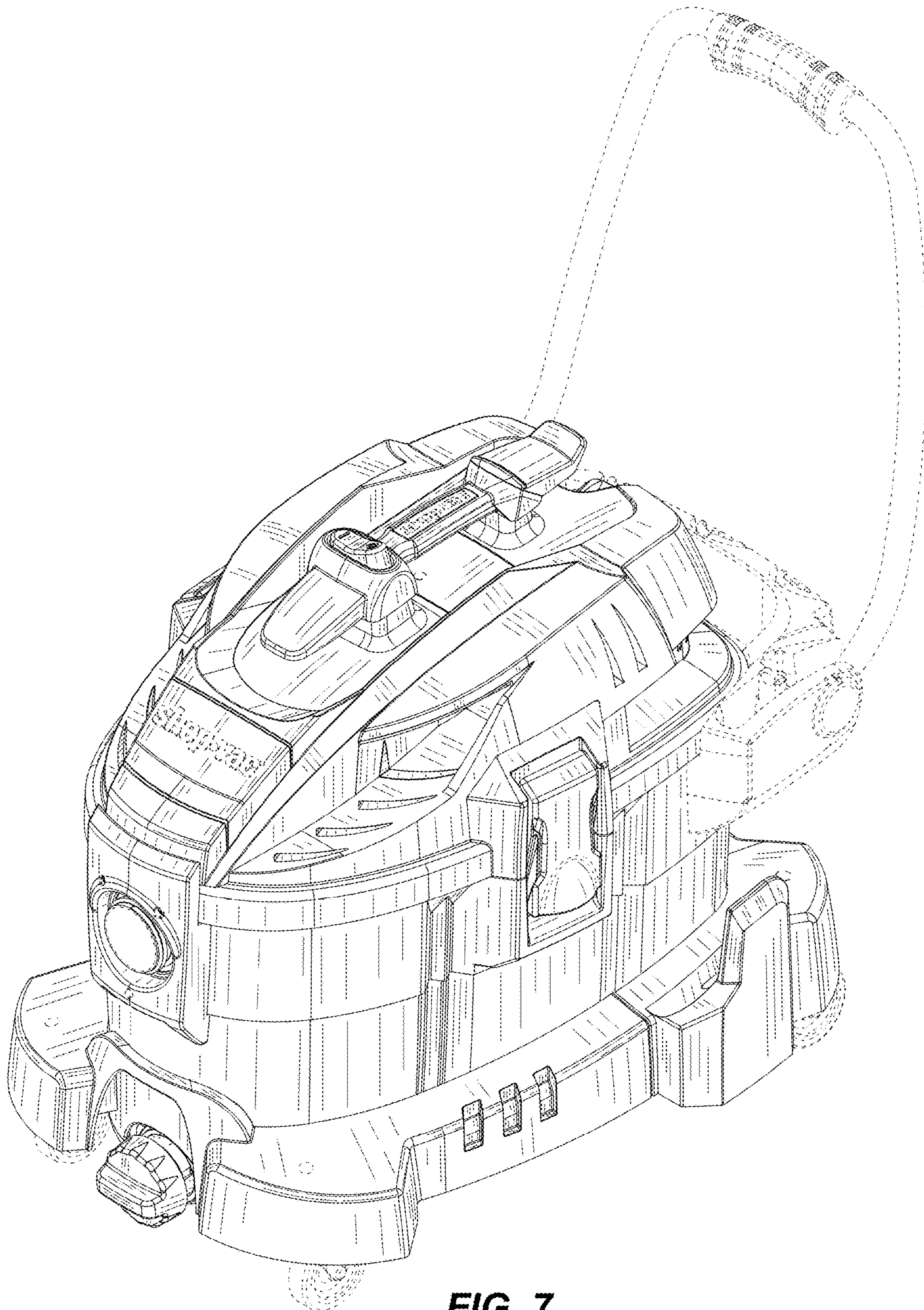


FIG. 7

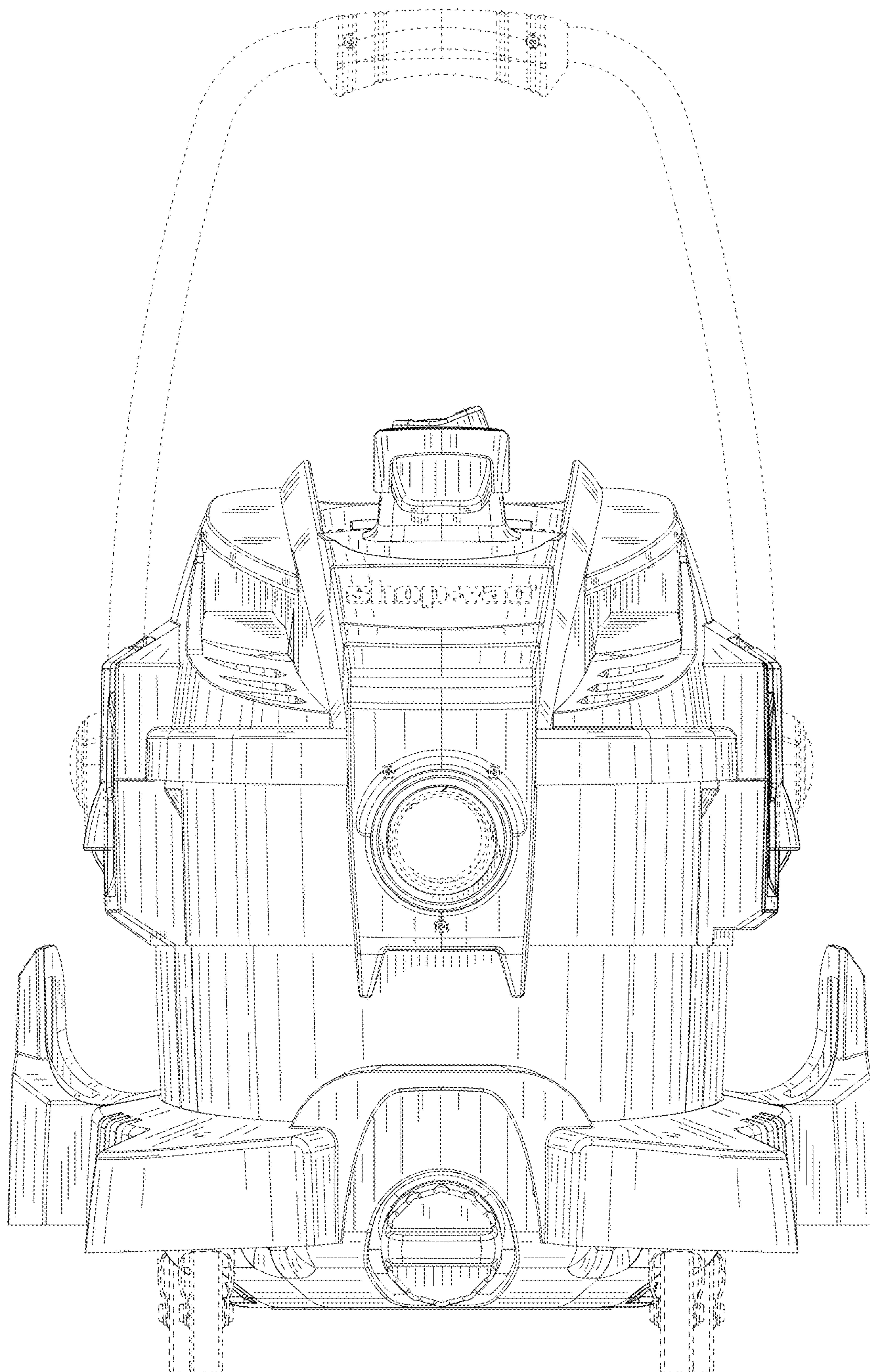


FIG. 8

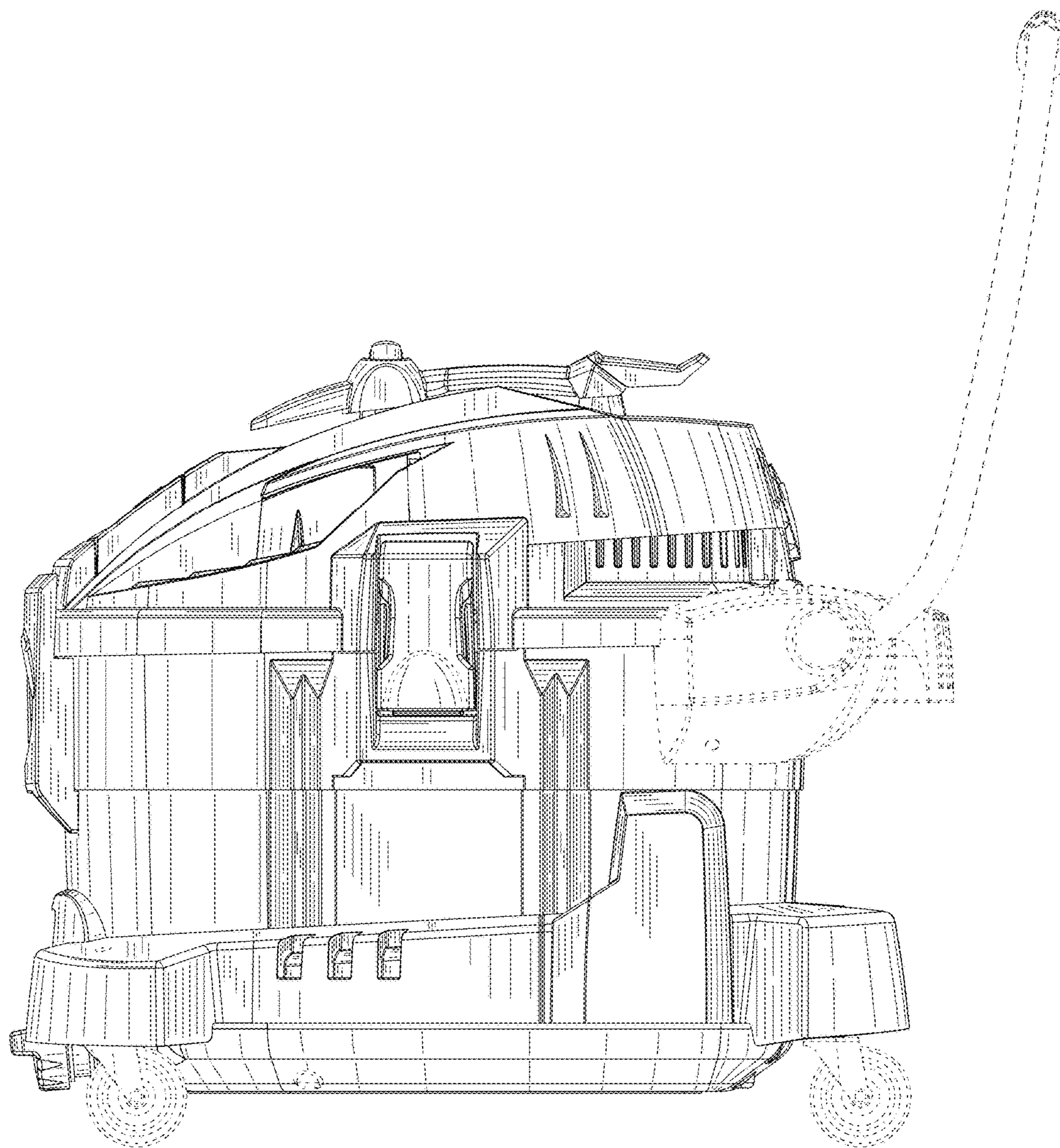


FIG. 9

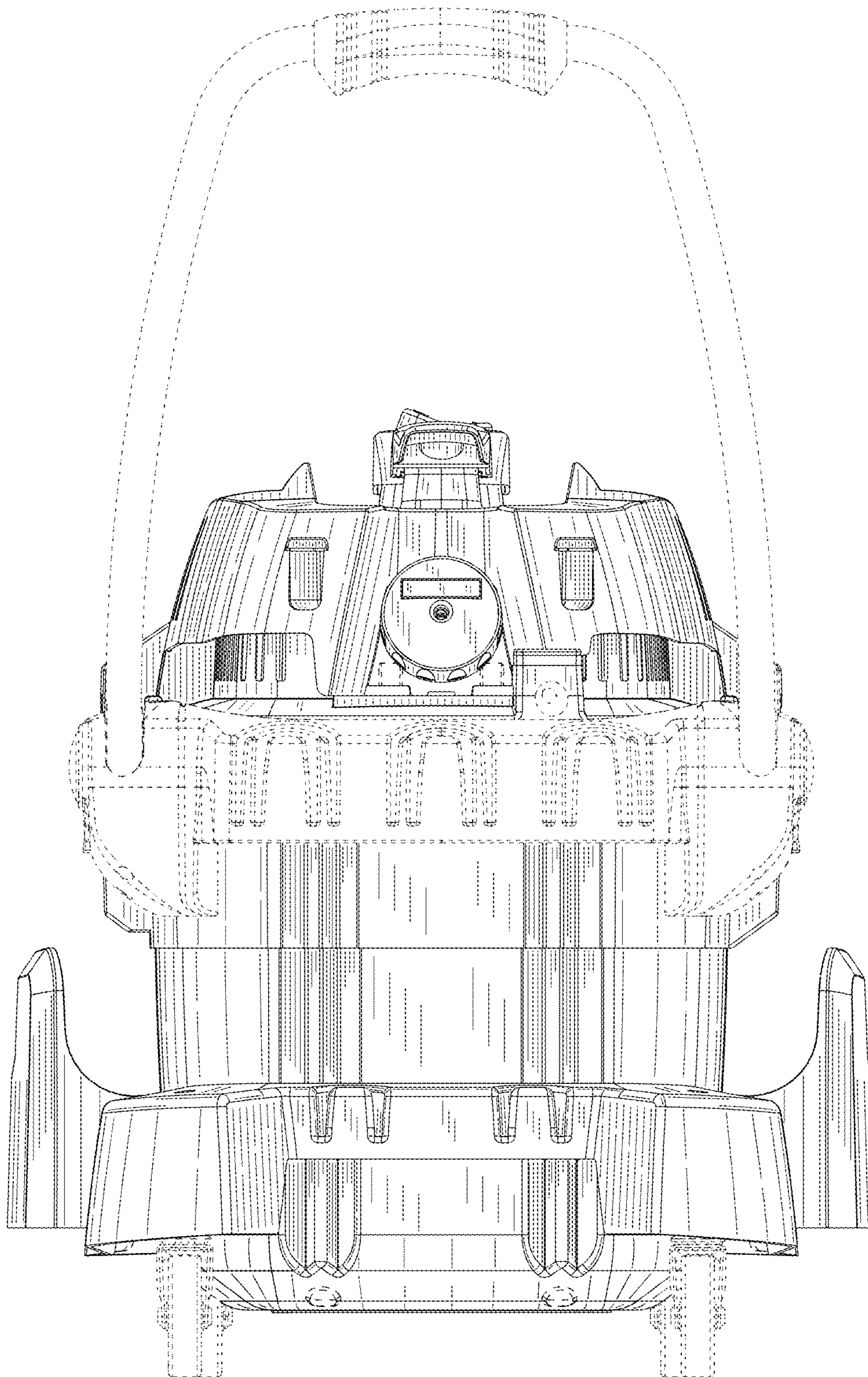


FIG. 10