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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**

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

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(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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(57) **CLAIM**

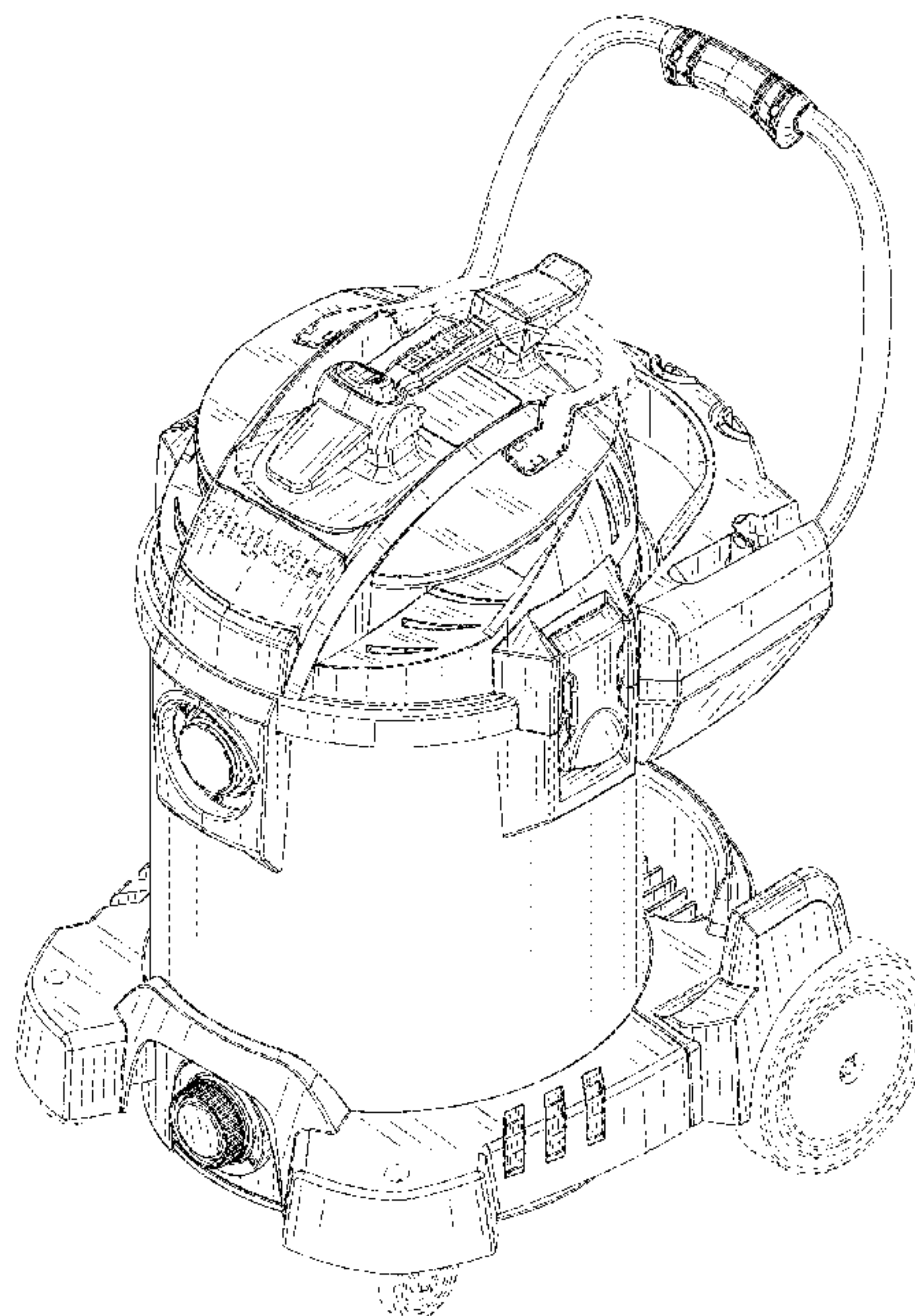
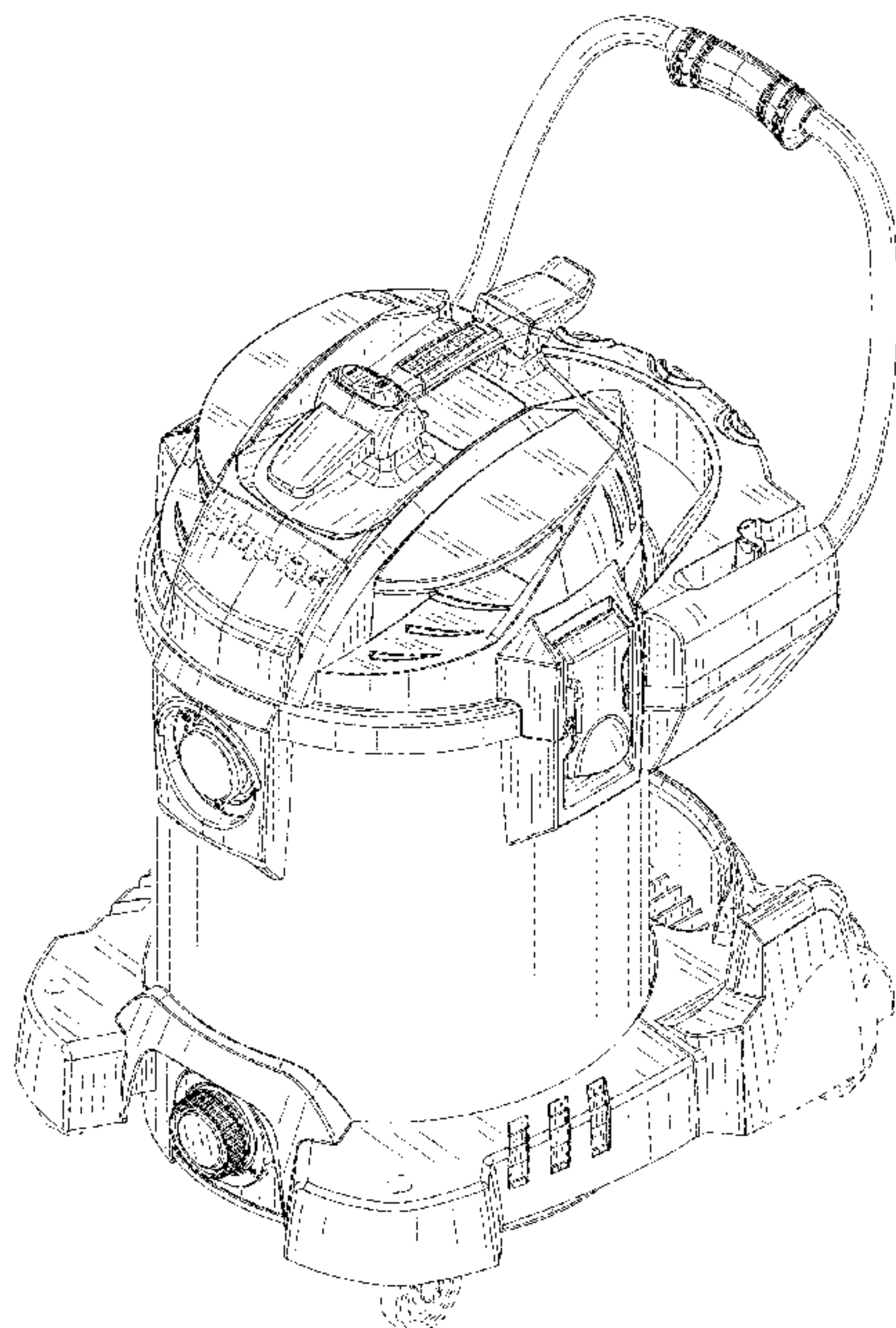
The ornamental design for a vacuum cleaner, as shown and described.

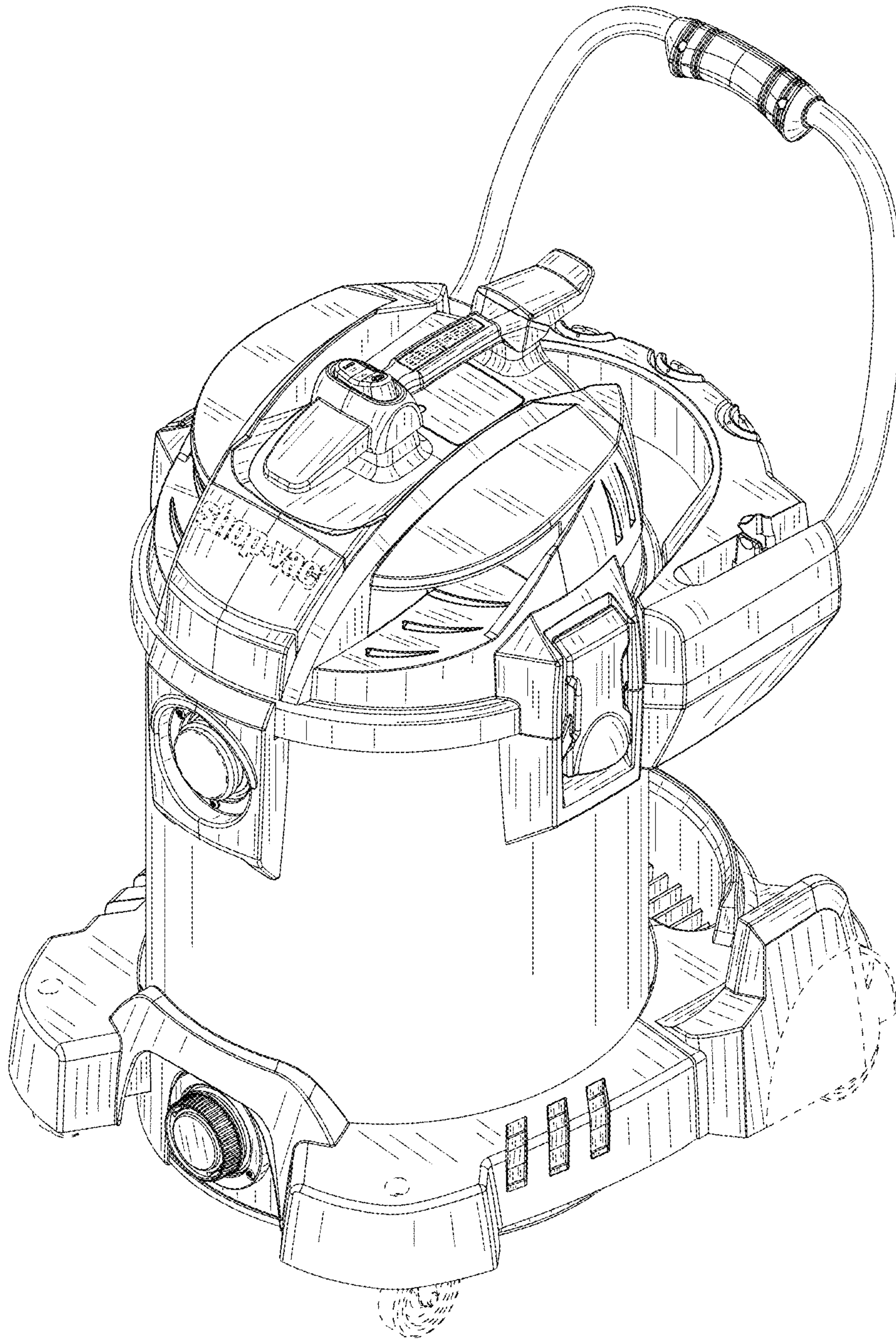
**DESCRIPTION**

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.

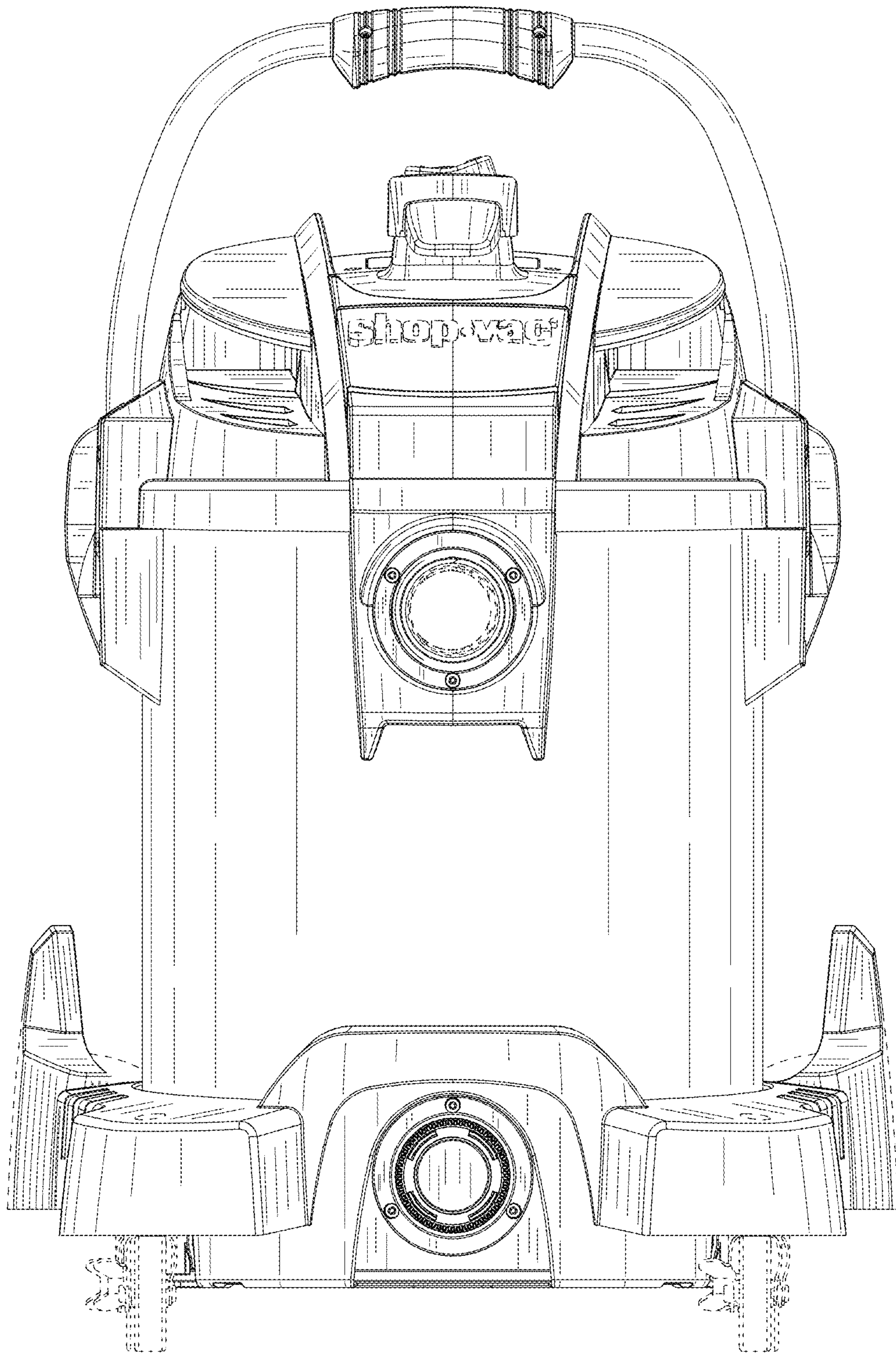
**1 Claim, 14 Drawing Sheets**



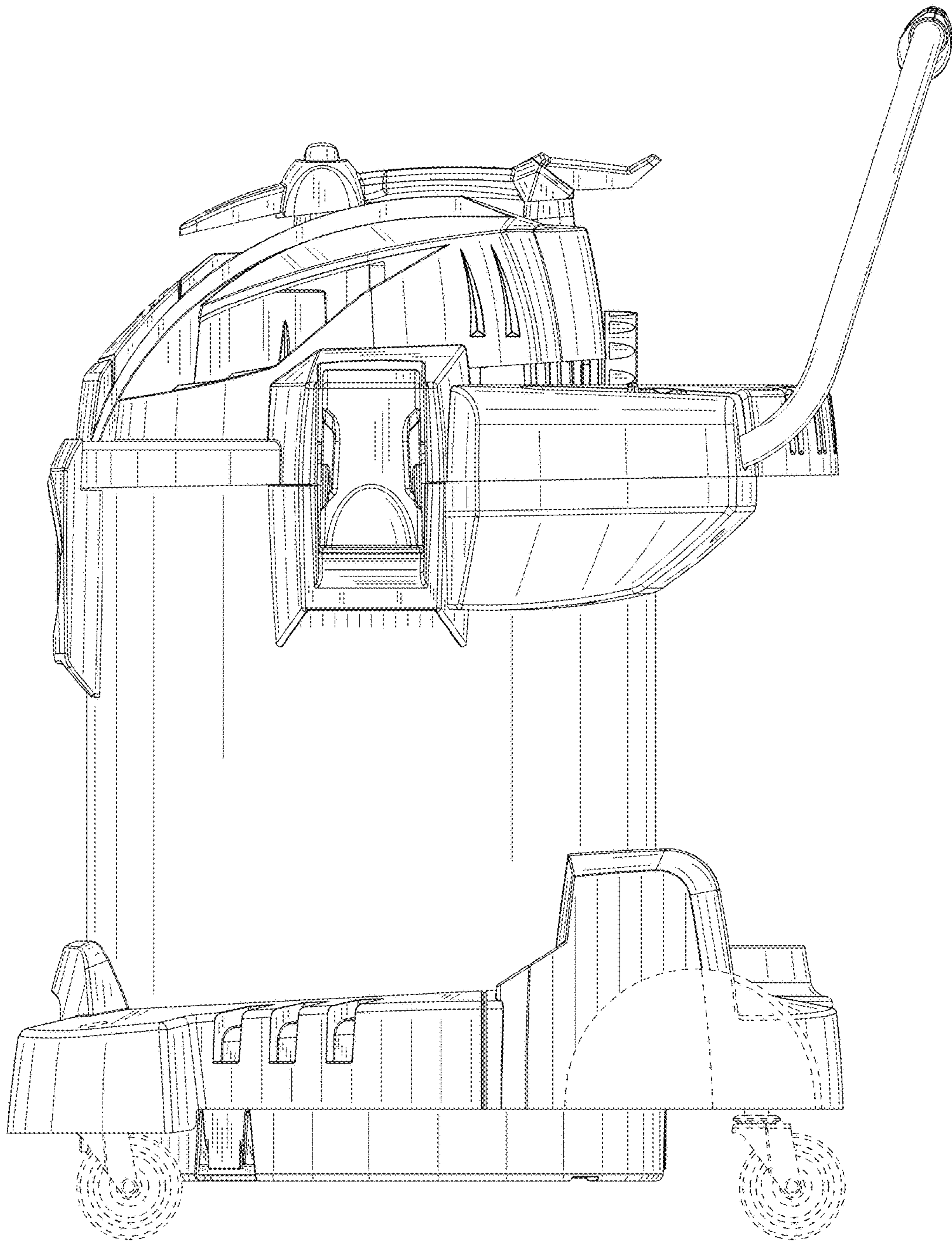


**FIG. 1**



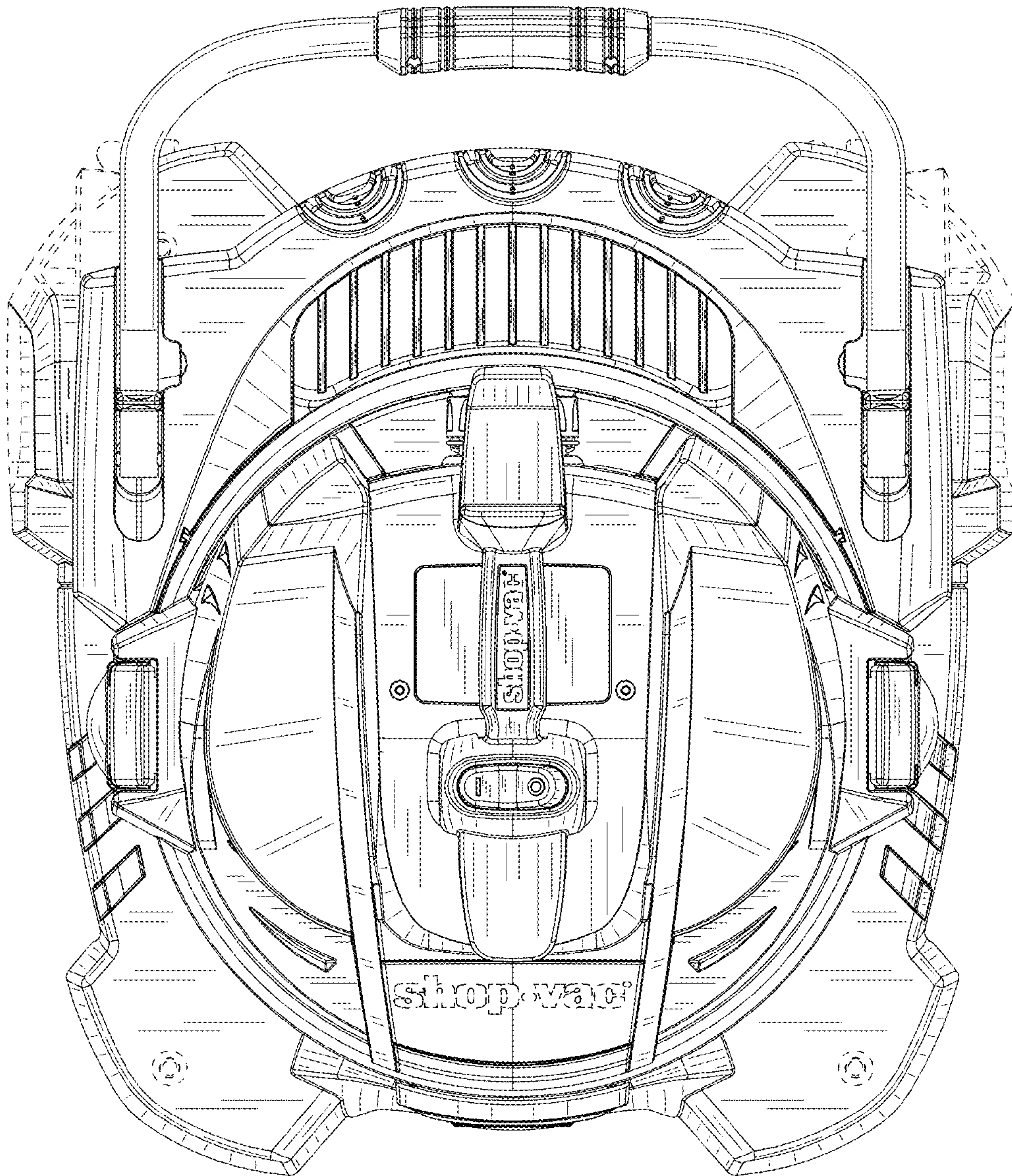


**FIG. 2**

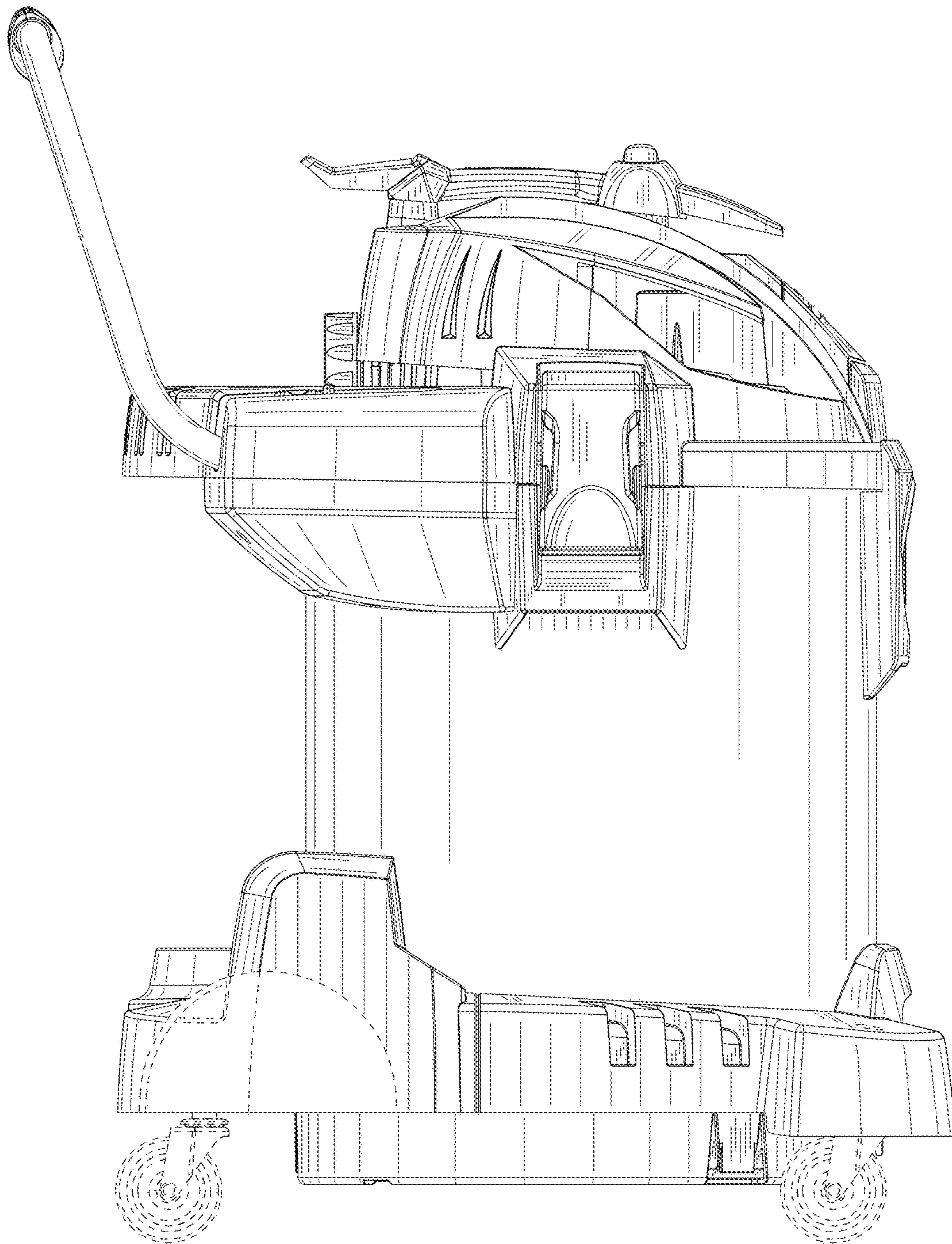


**FIG. 3**



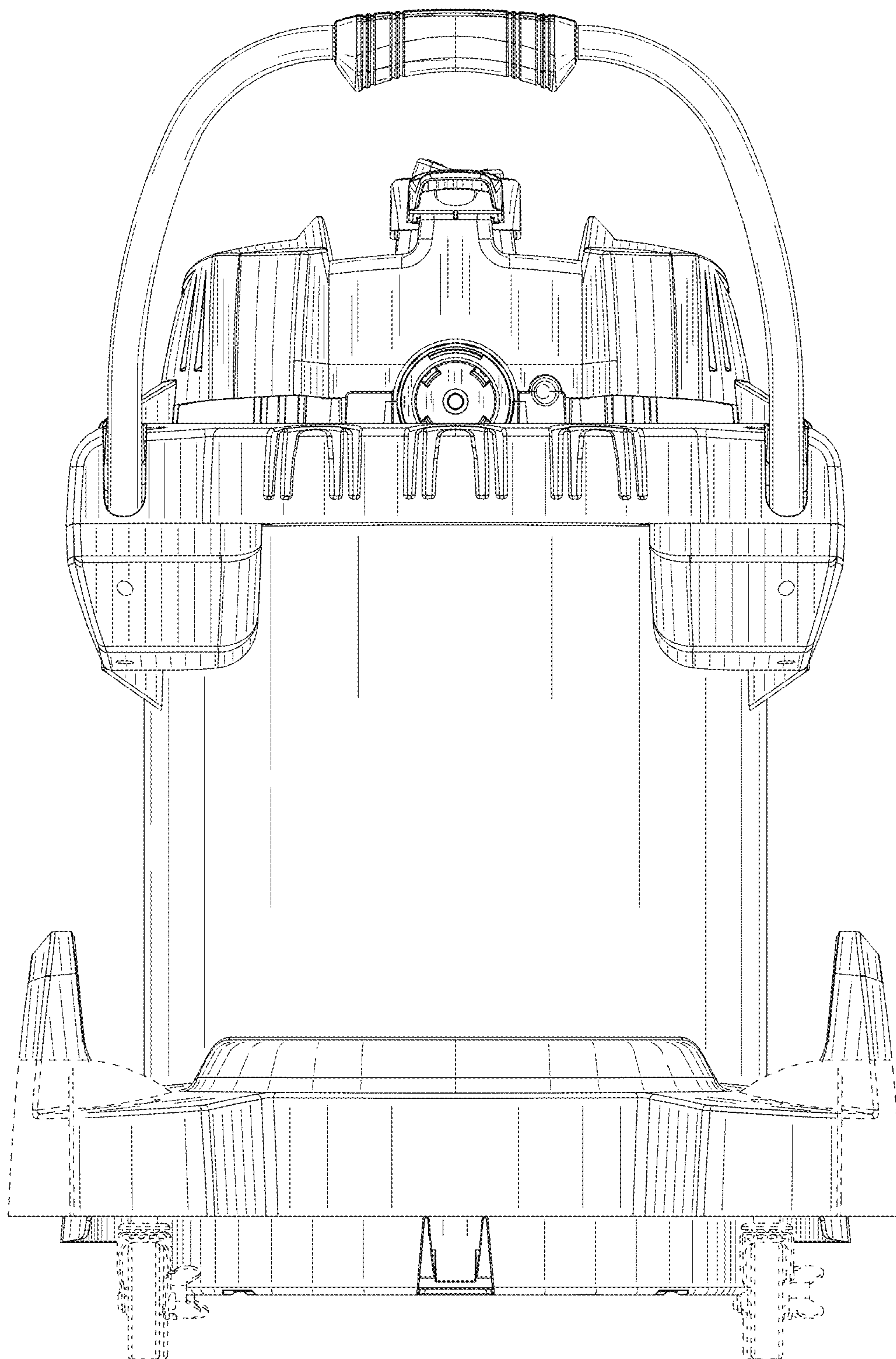


**FIG. 4**

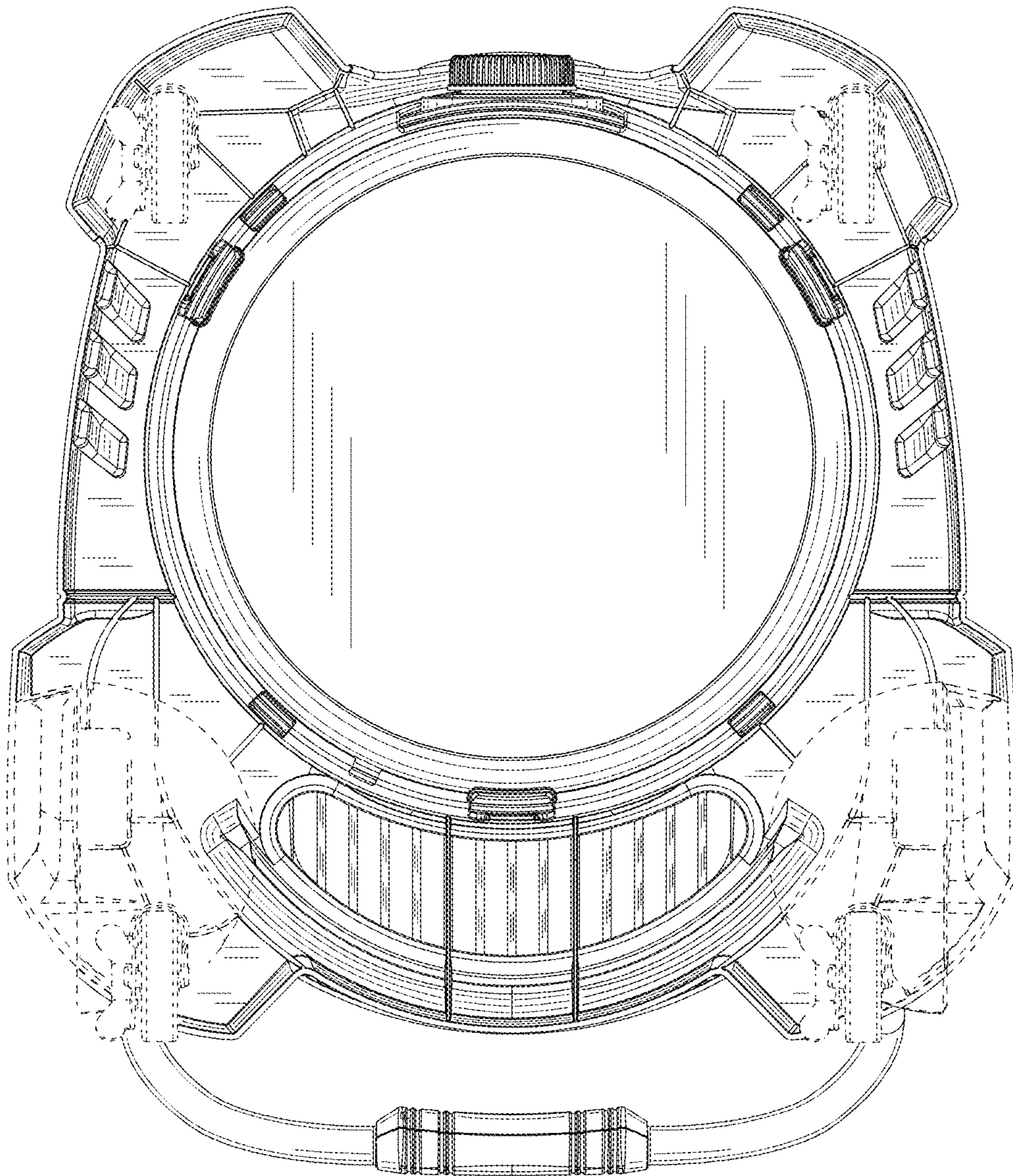


**FIG. 5**



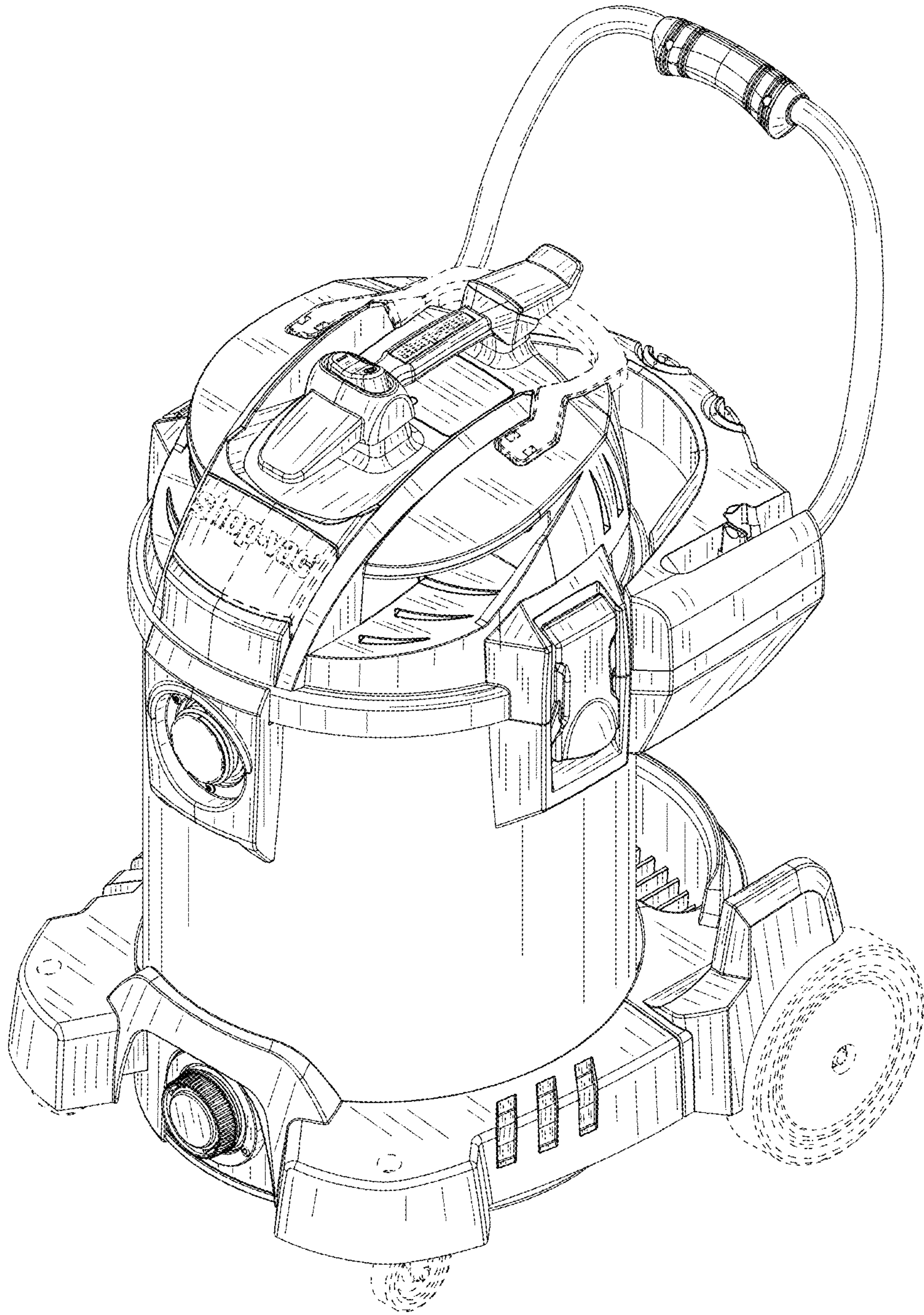


**FIG. 6**

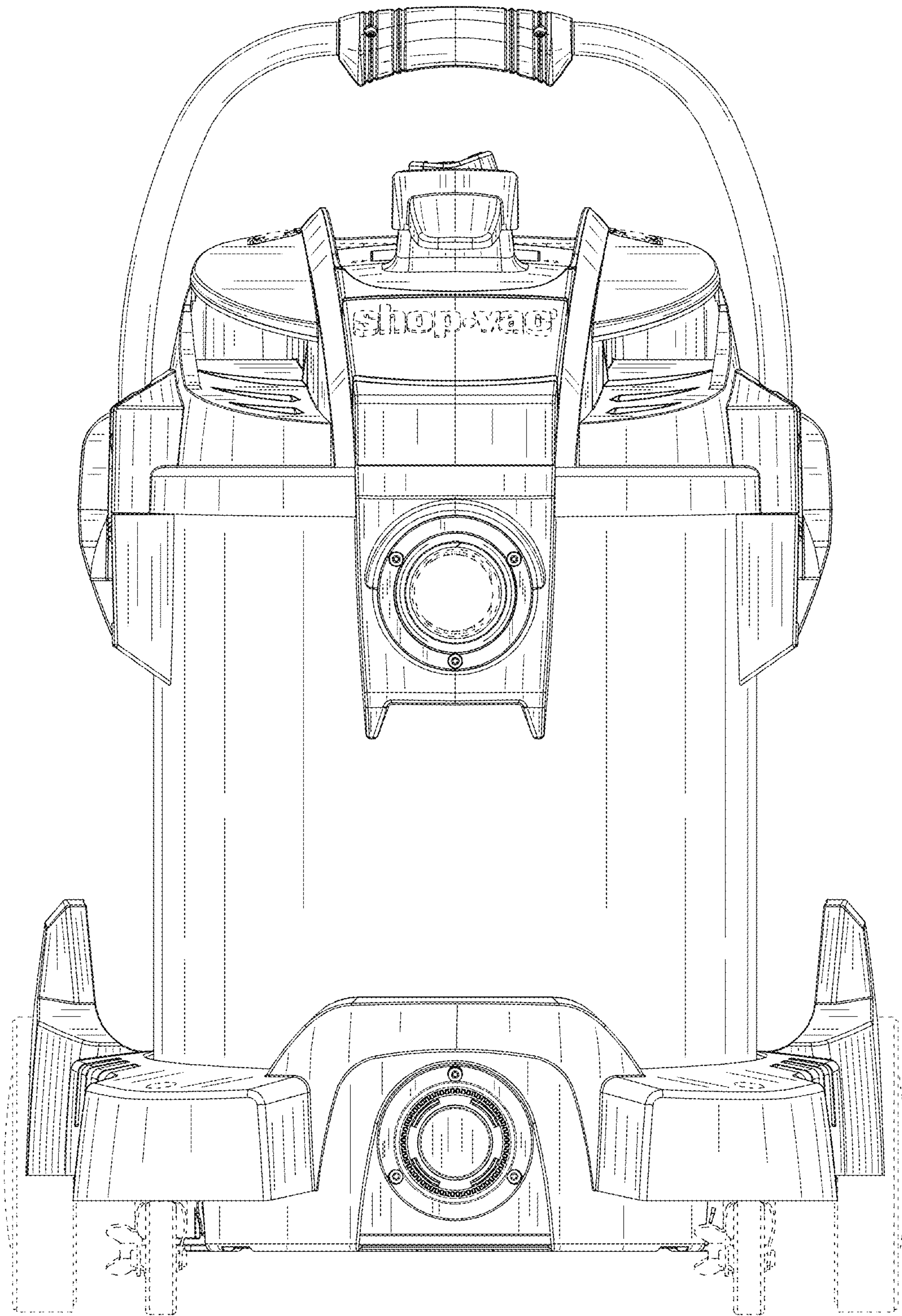


**FIG. 7**



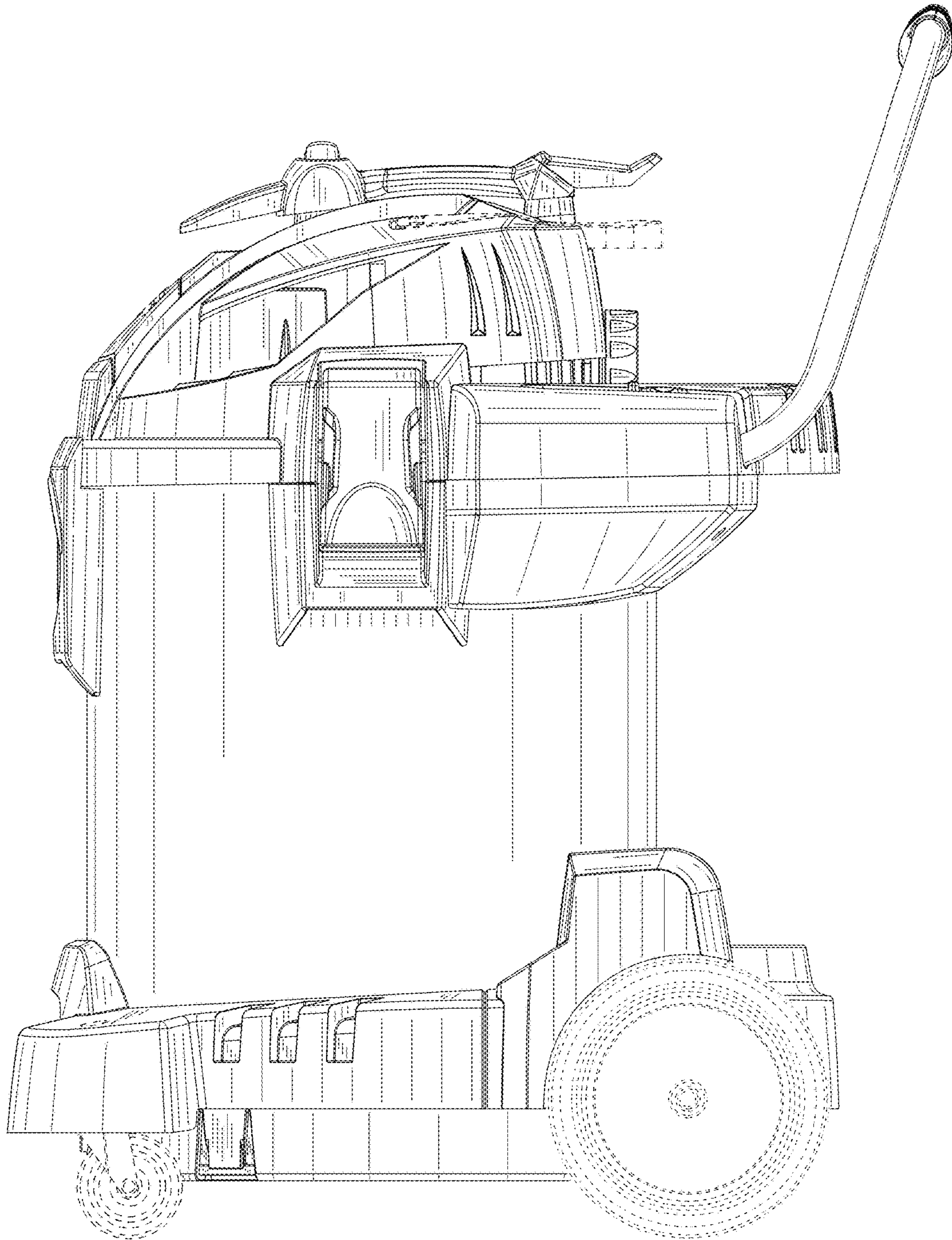


**FIG. 8**

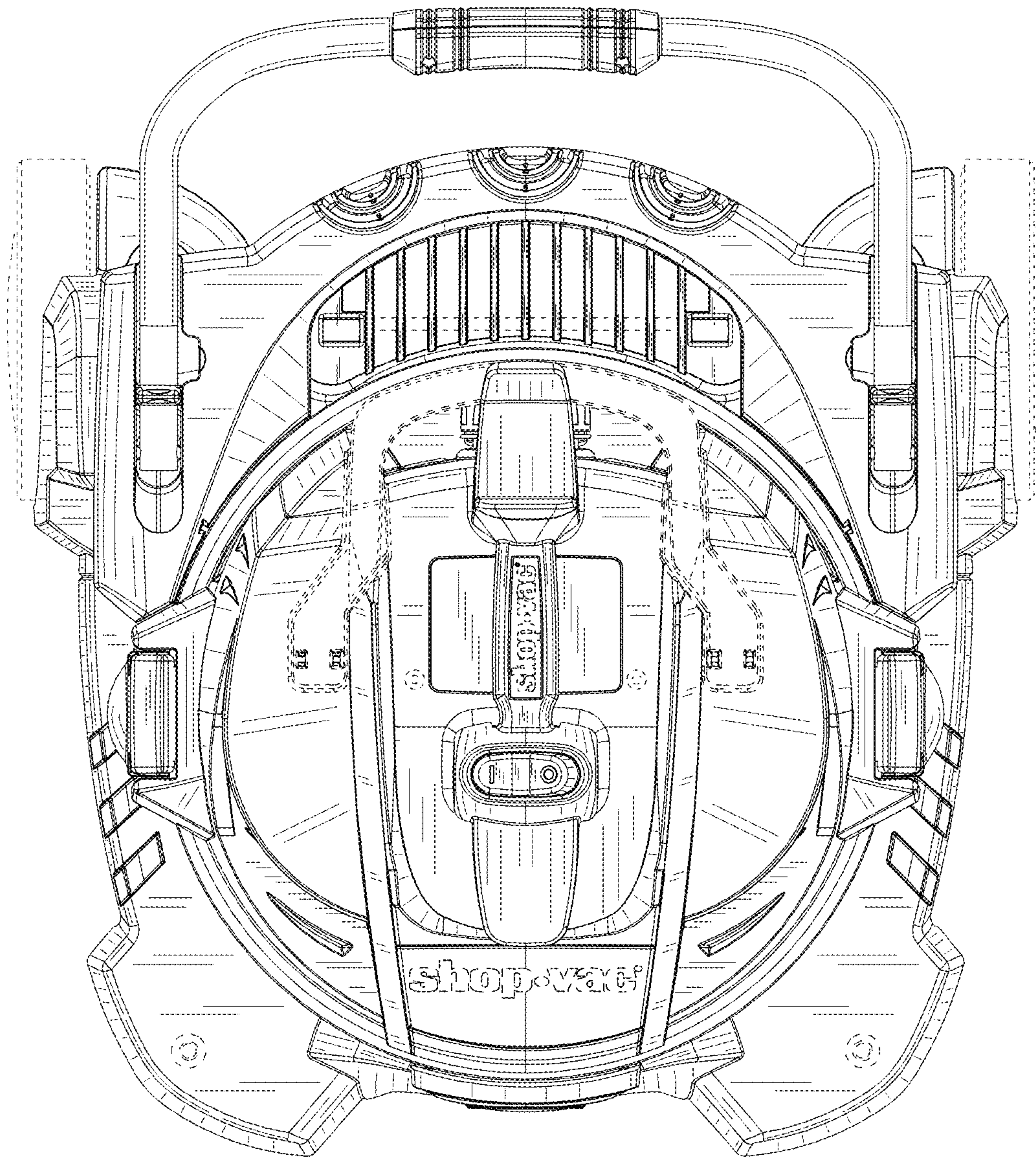


**FIG. 9**



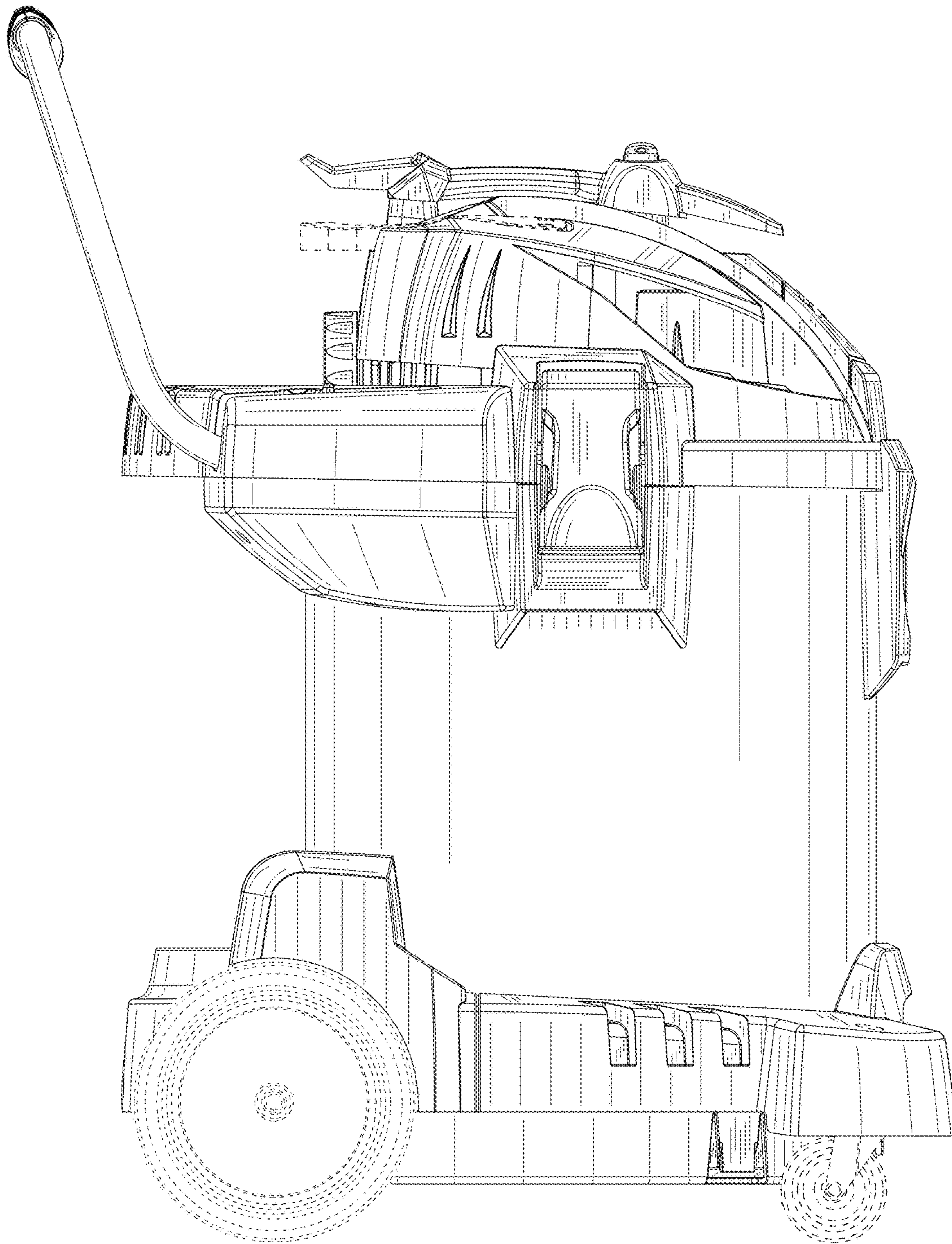


**FIG. 10**

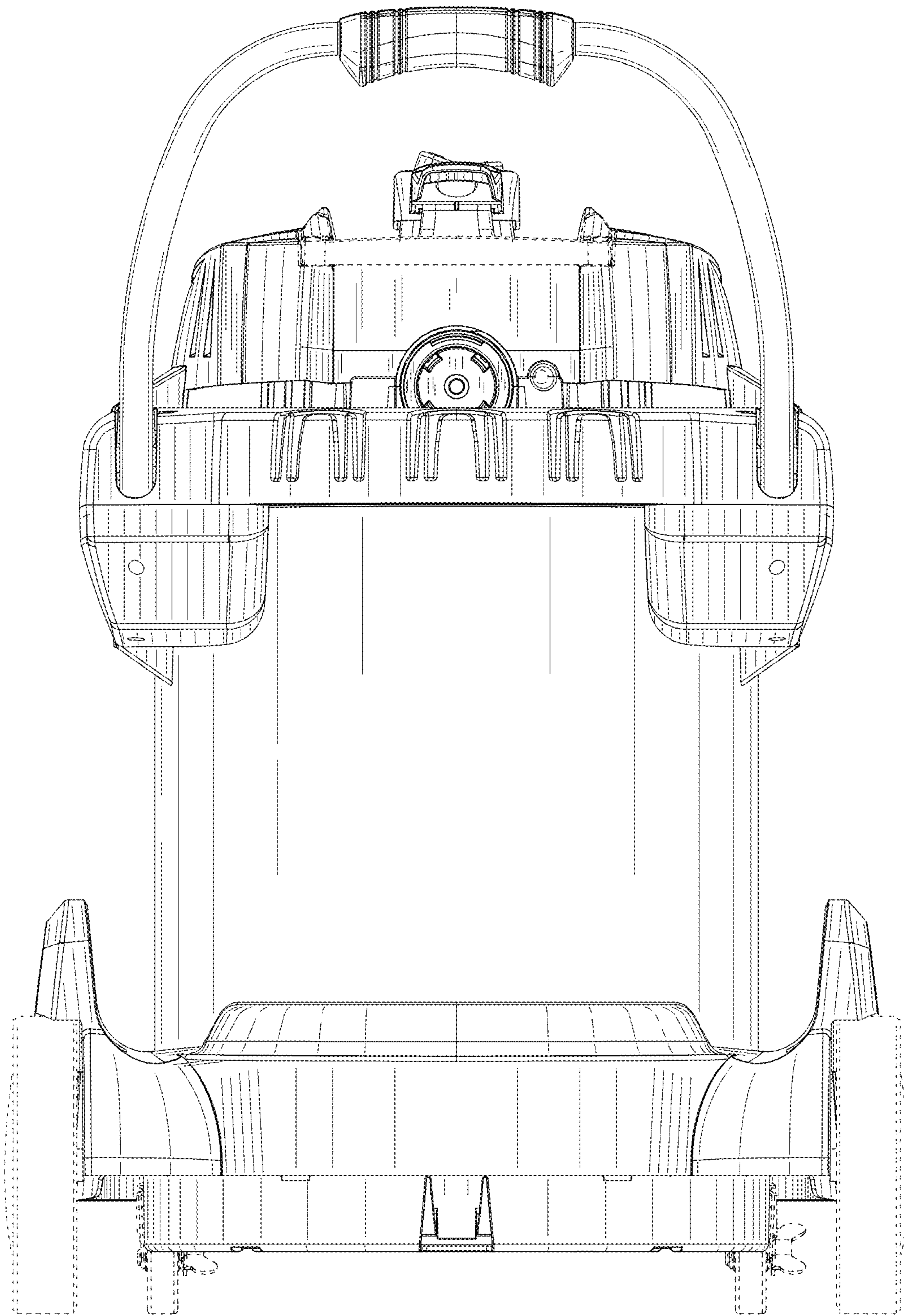


**FIG. 11**



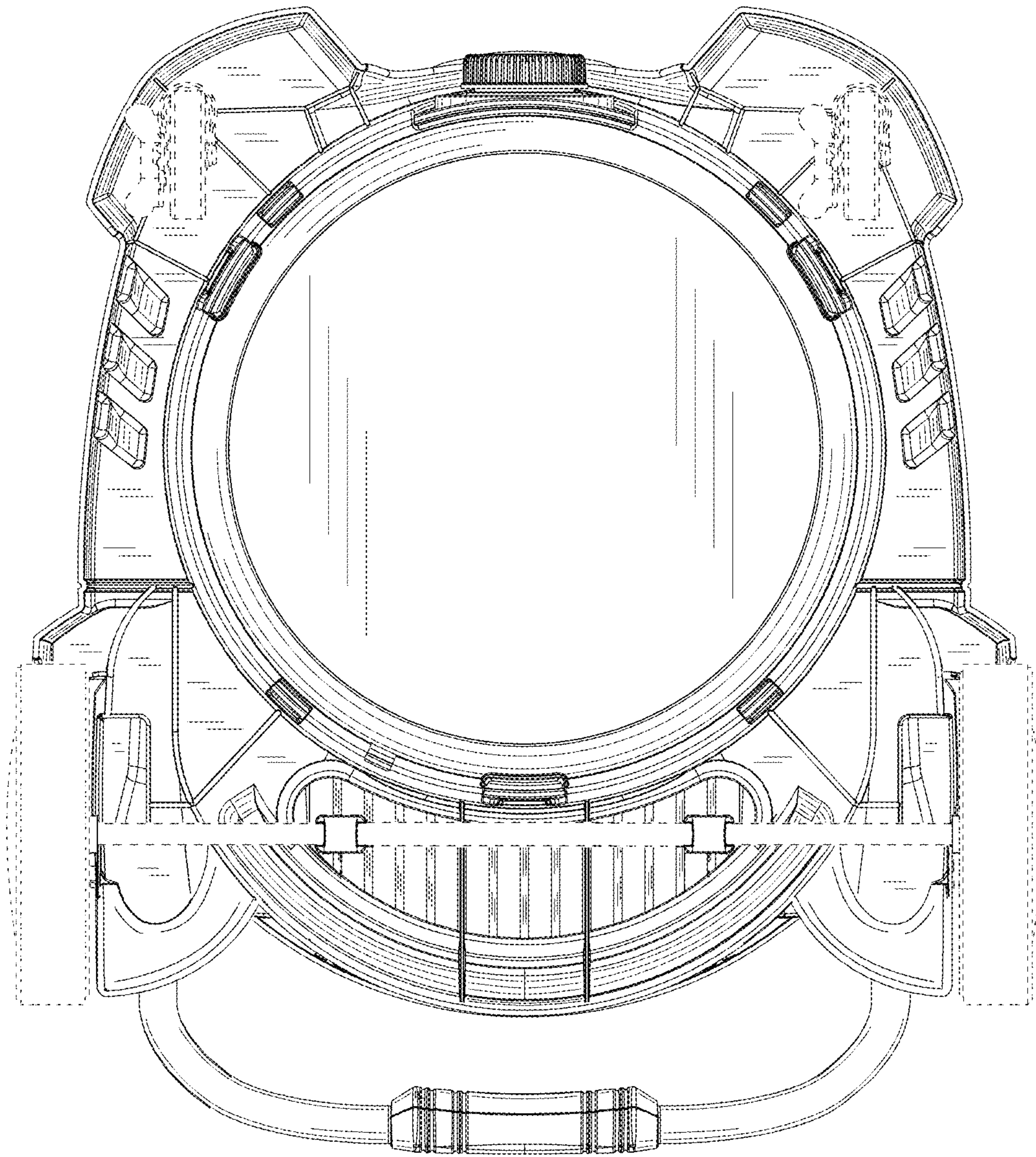


**FIG. 12**



**FIG. 13**





**FIG. 14**