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(12) **United States Design Patent**  
**Jin**

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(54) **VACUUM CLEANER**

(71) Applicant: **Alfred Kaercher GmbH & Co. KG**,  
Winnenden (DE)

(72) Inventor: **Zheyi Jin**, Schwaikheim (DE)

(73) Assignee: **Alfred Kaercher GmbH & Co. KG**,  
Winnenden (DE)

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

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

(58) **Field of Classification Search**  
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CPC ..... A47L 5/362; A47L 5/365; A47L 5/28;  
A47L 9/26; A47L 11/34; A47L 7/0038;  
B65H 75/18

See application file for complete search history.

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(Continued)

*Primary Examiner* — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Lipsitz & McAllister, LLC

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, top and left side perspective view of a vacuum cleaner showing the new design;

FIG. 2 is a front, top and right side perspective view thereof;

FIG. 3 is a front elevational view thereof;

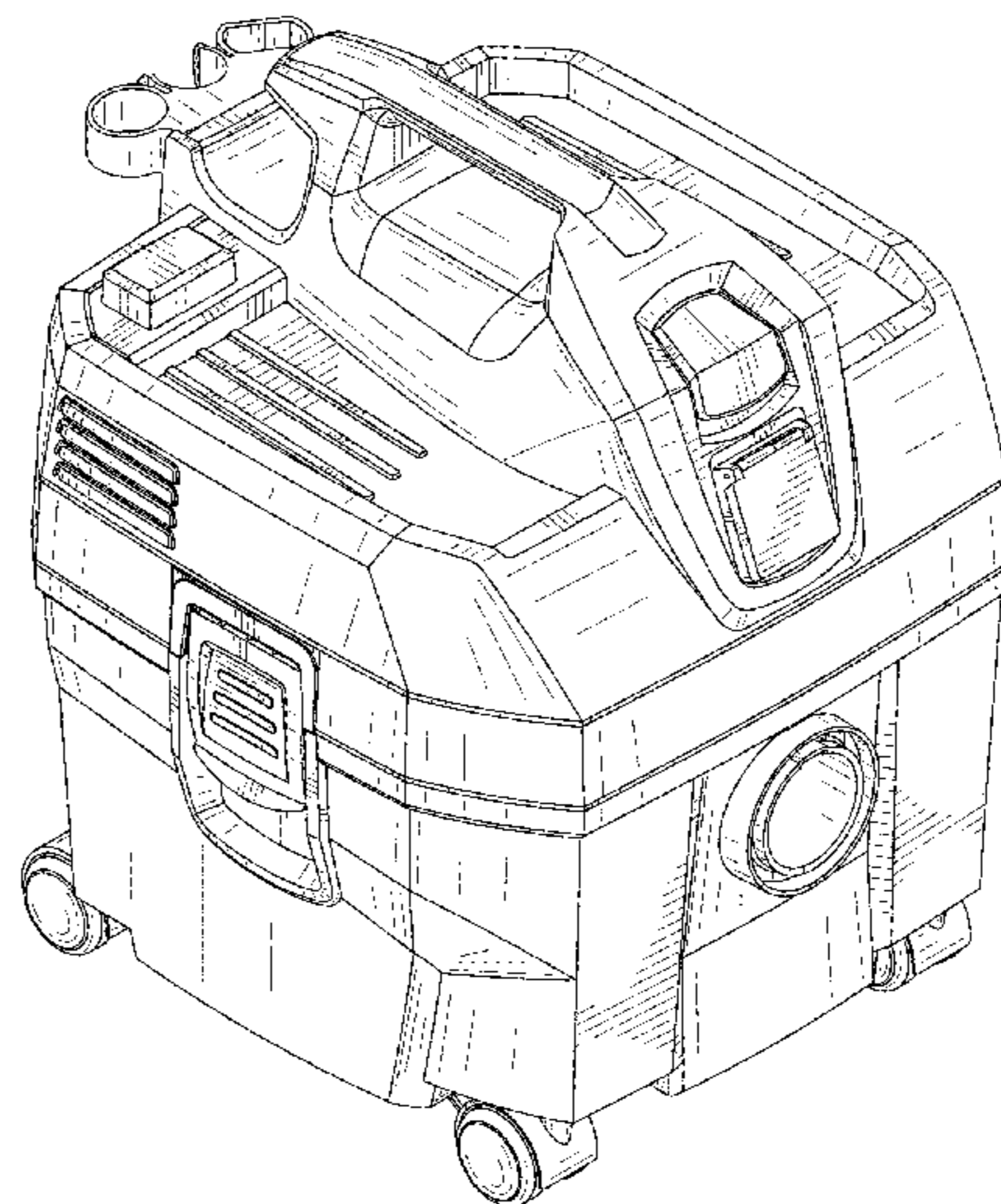
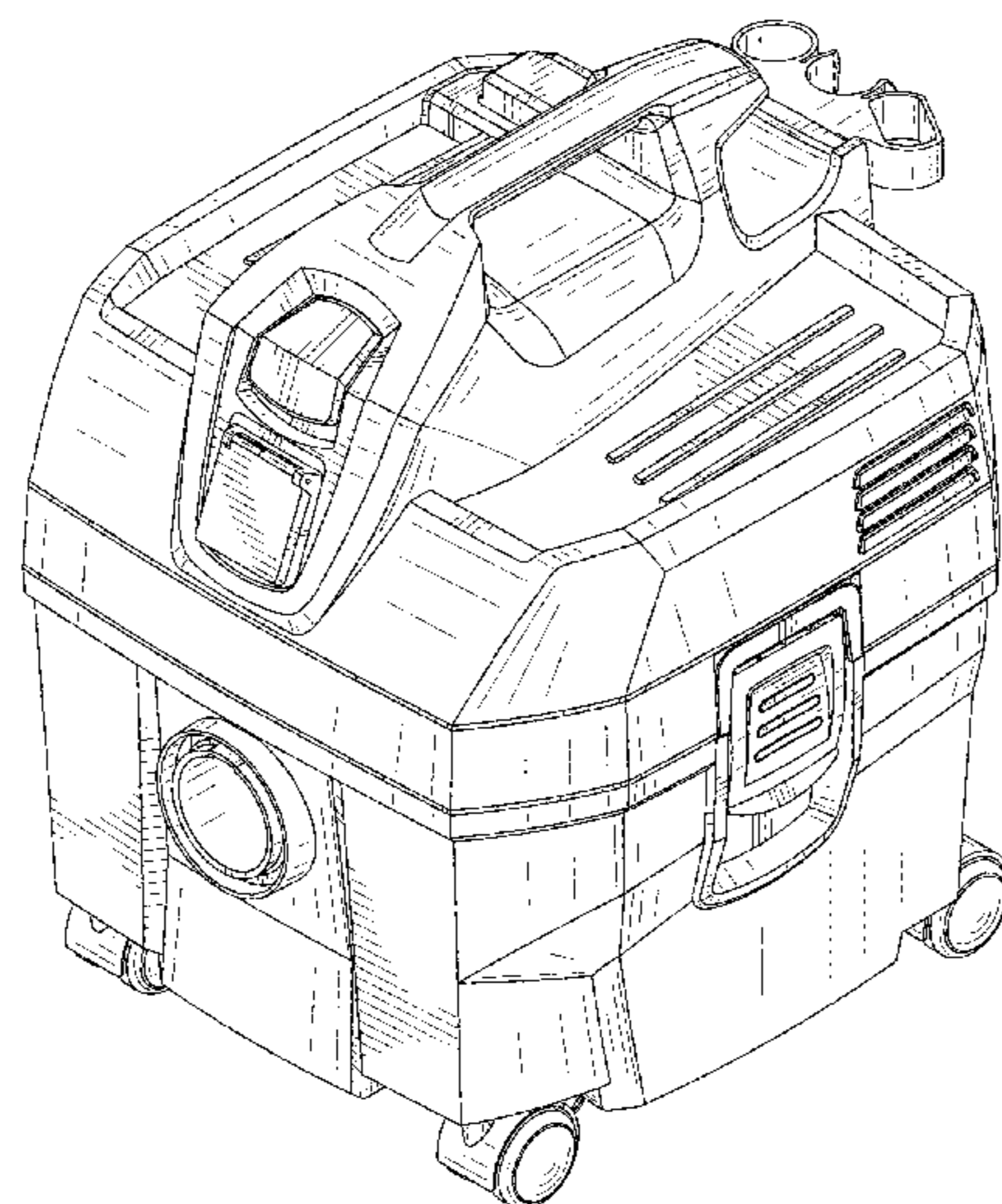
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a right side elevational view thereof; and,

FIG. 7 is a top plan view thereof.

**1 Claim, 7 Drawing Sheets**



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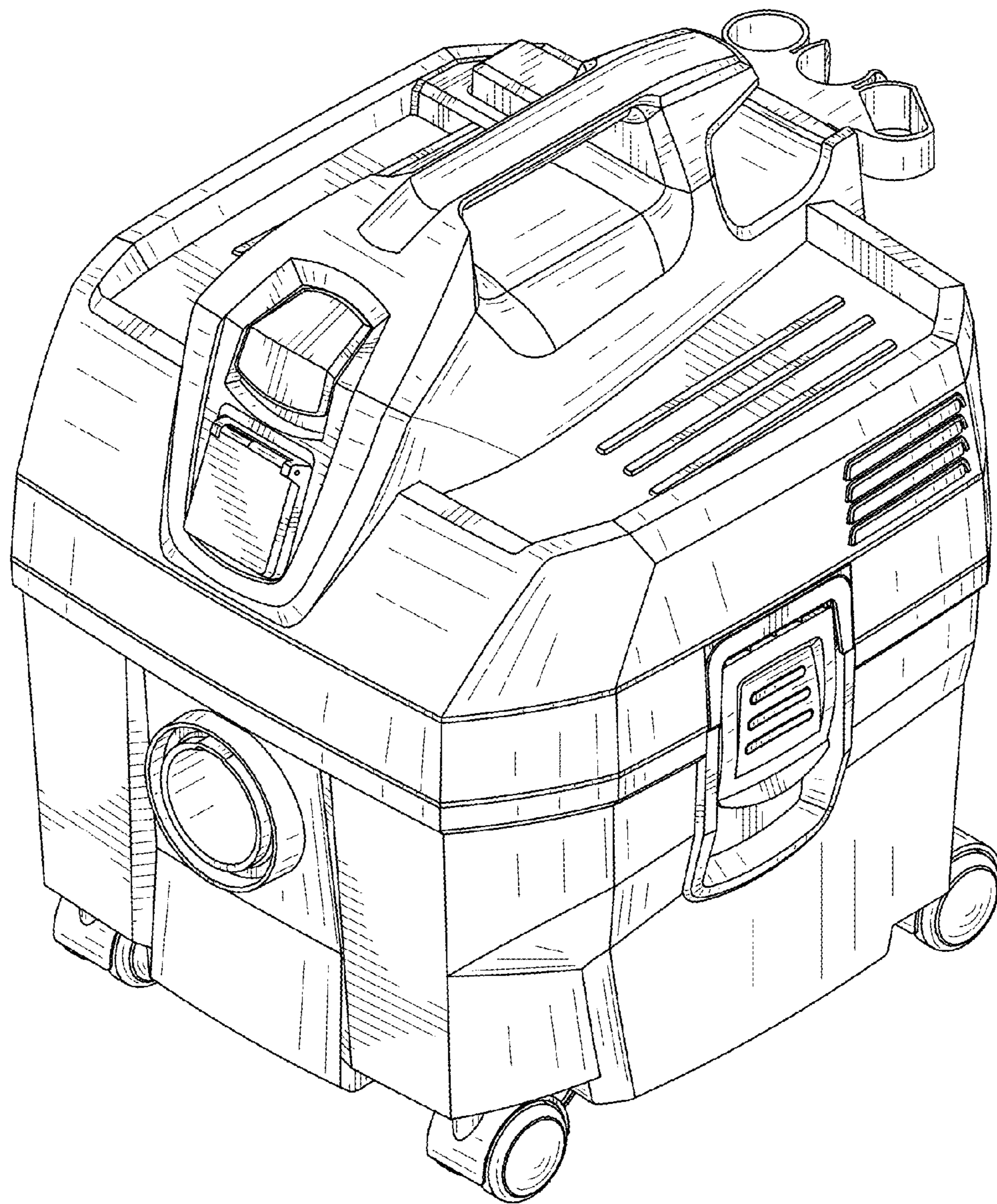


FIG. 1

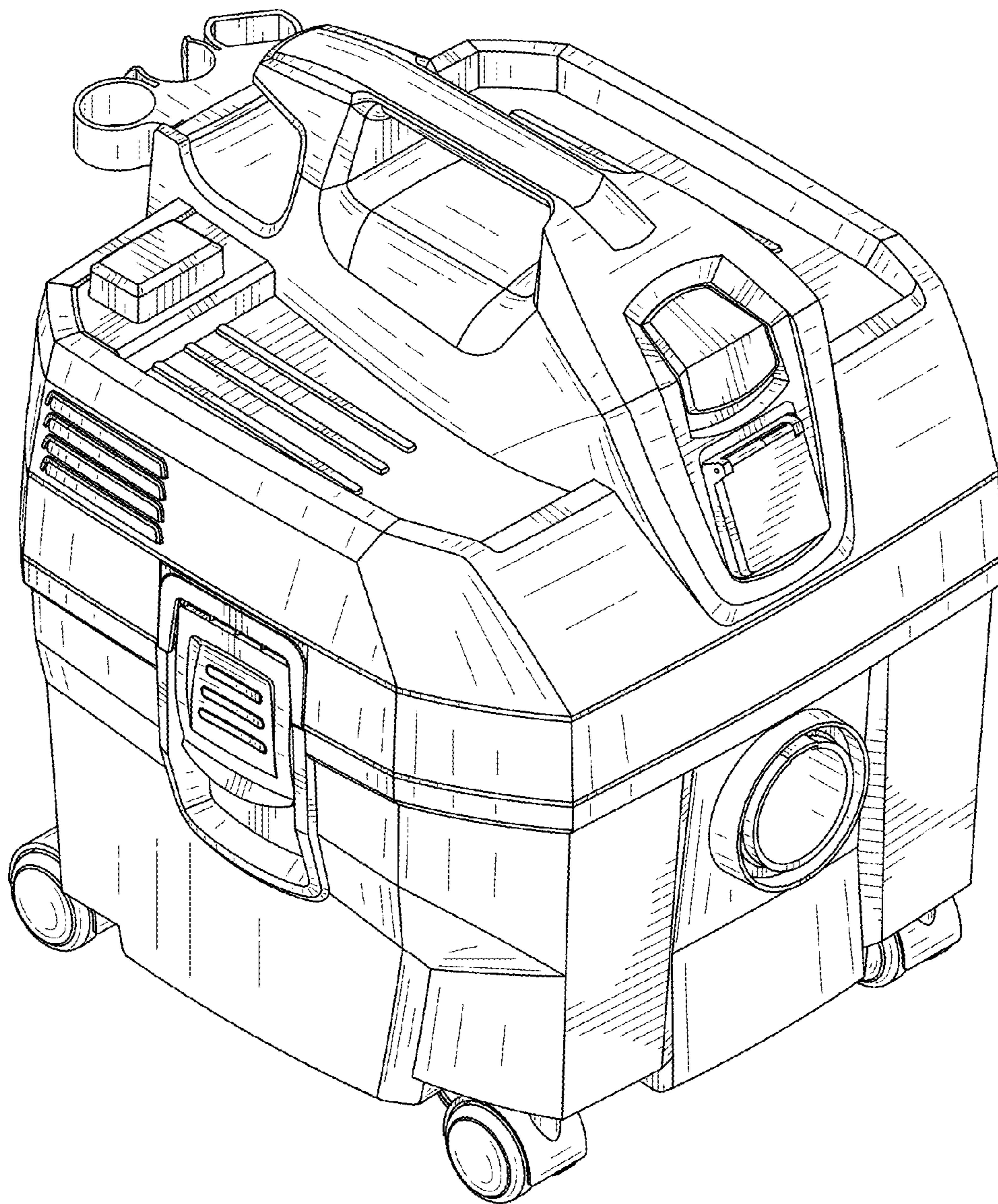


FIG. 2

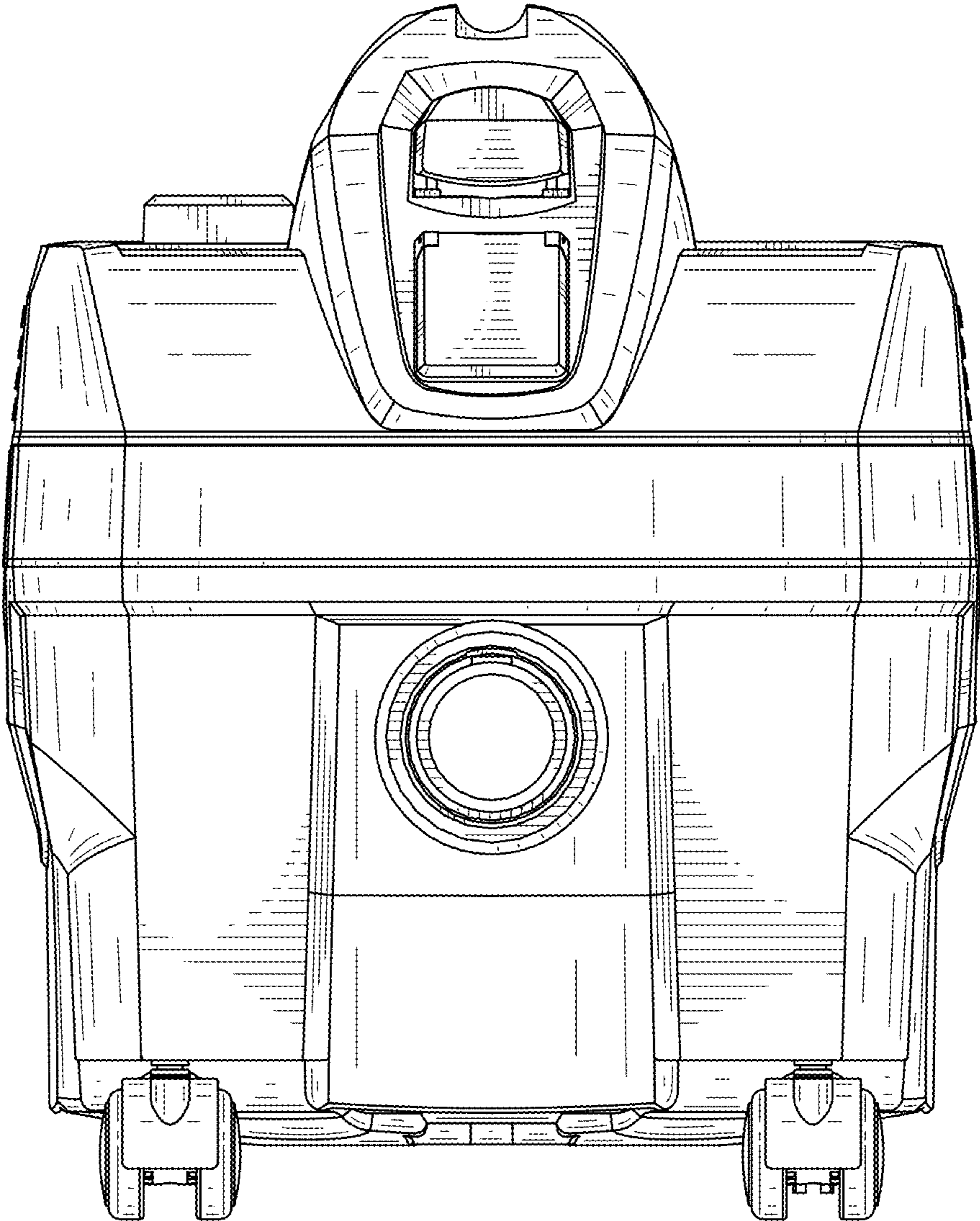


FIG. 3

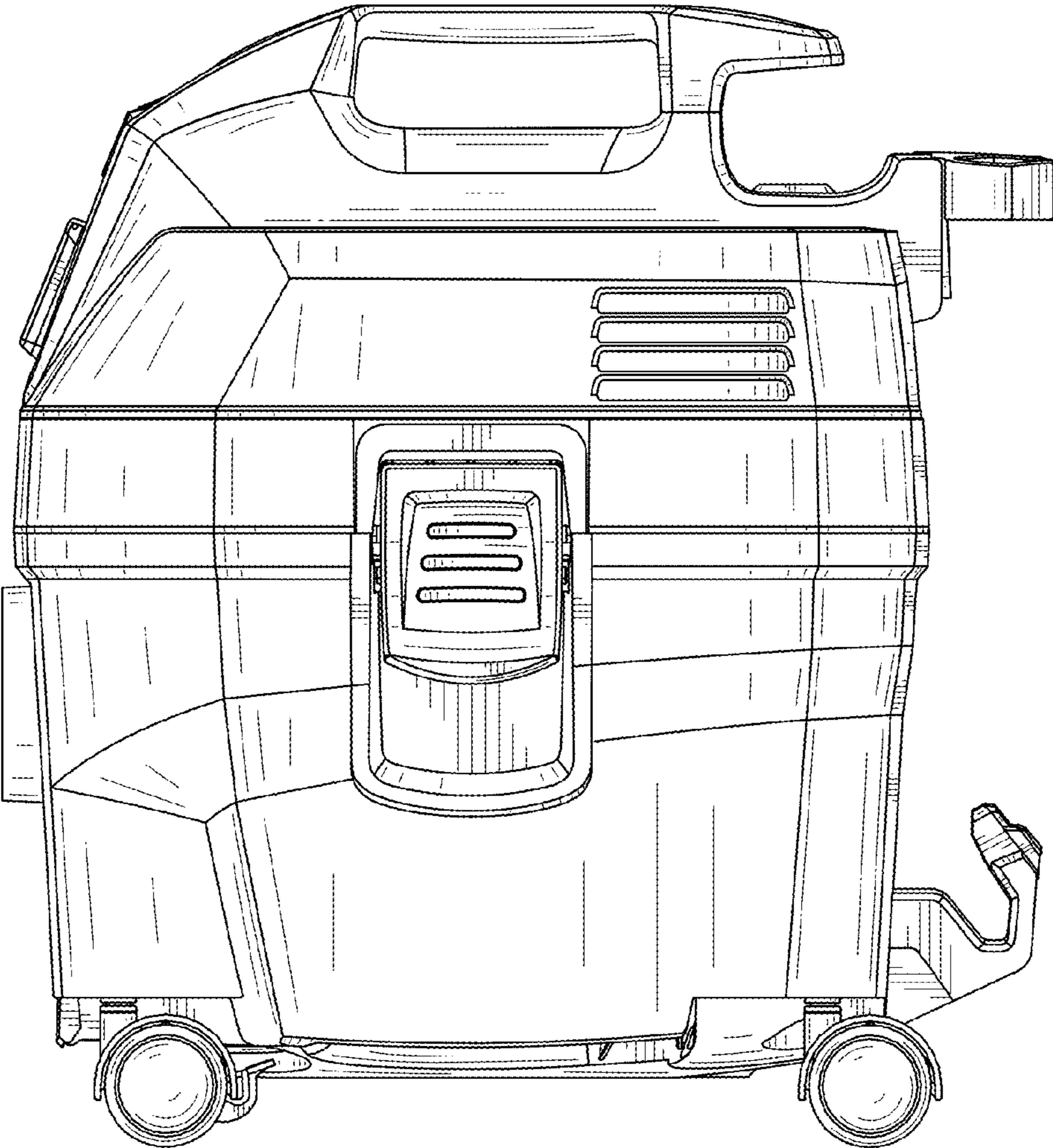


FIG. 4

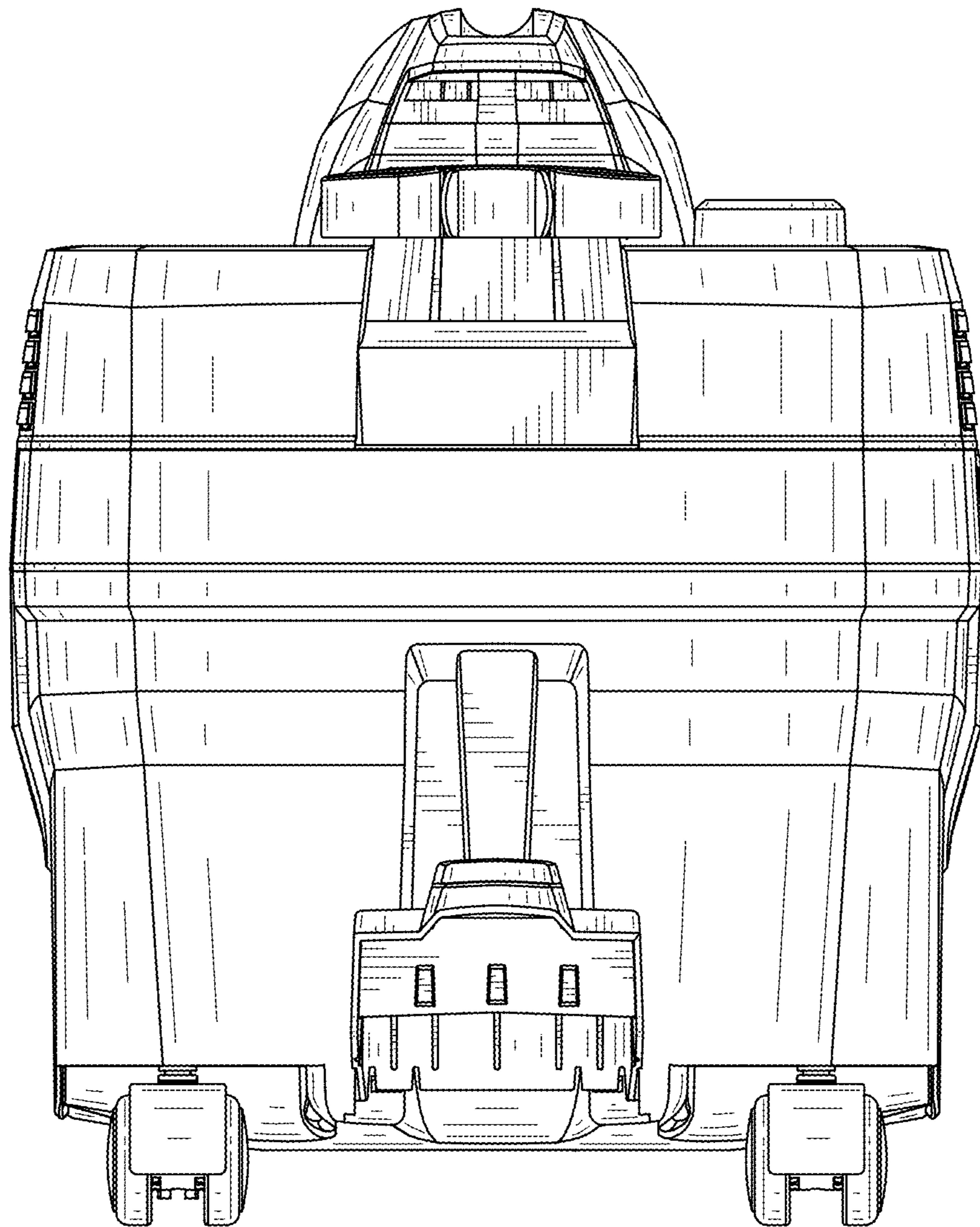


FIG. 5

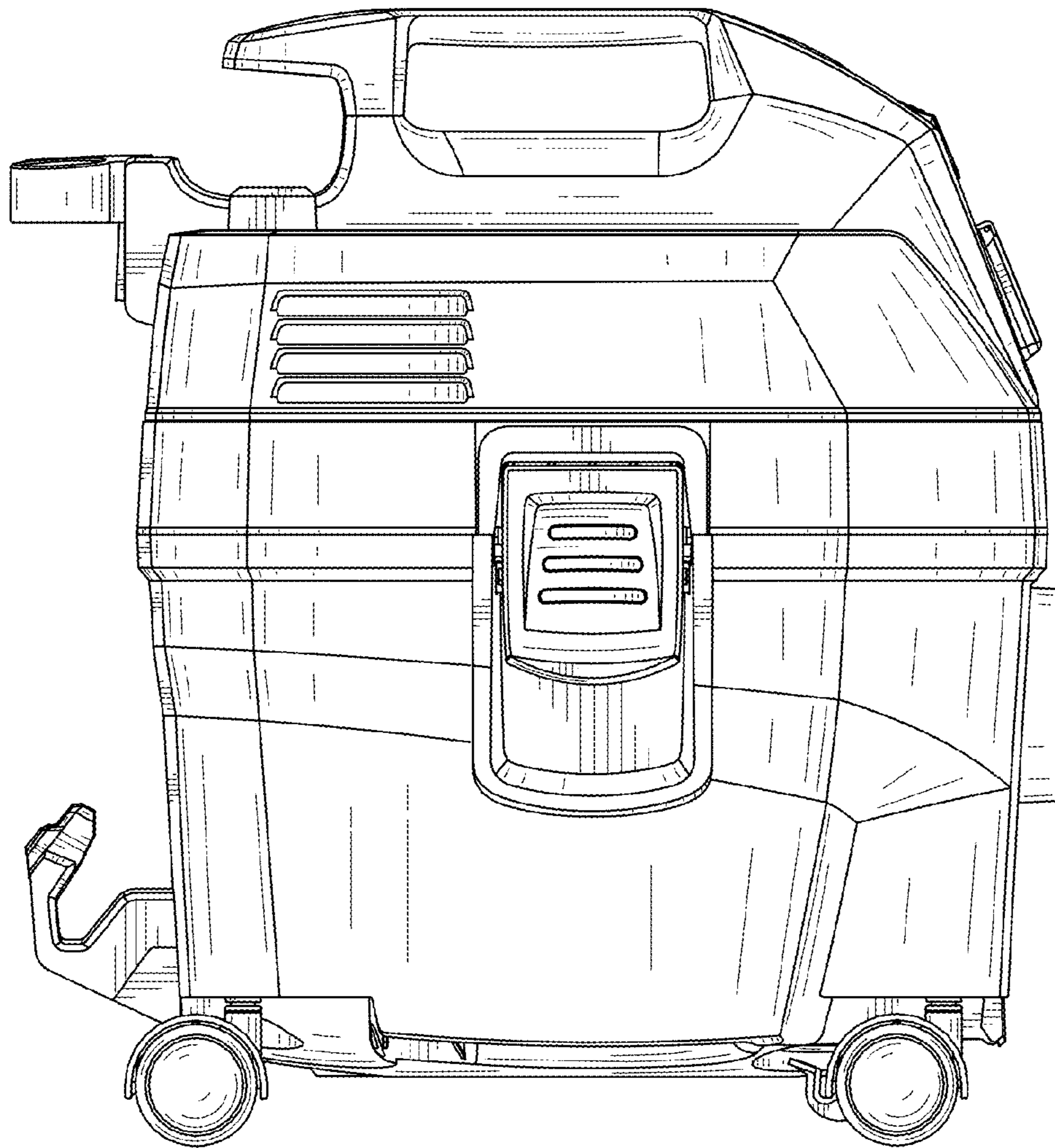
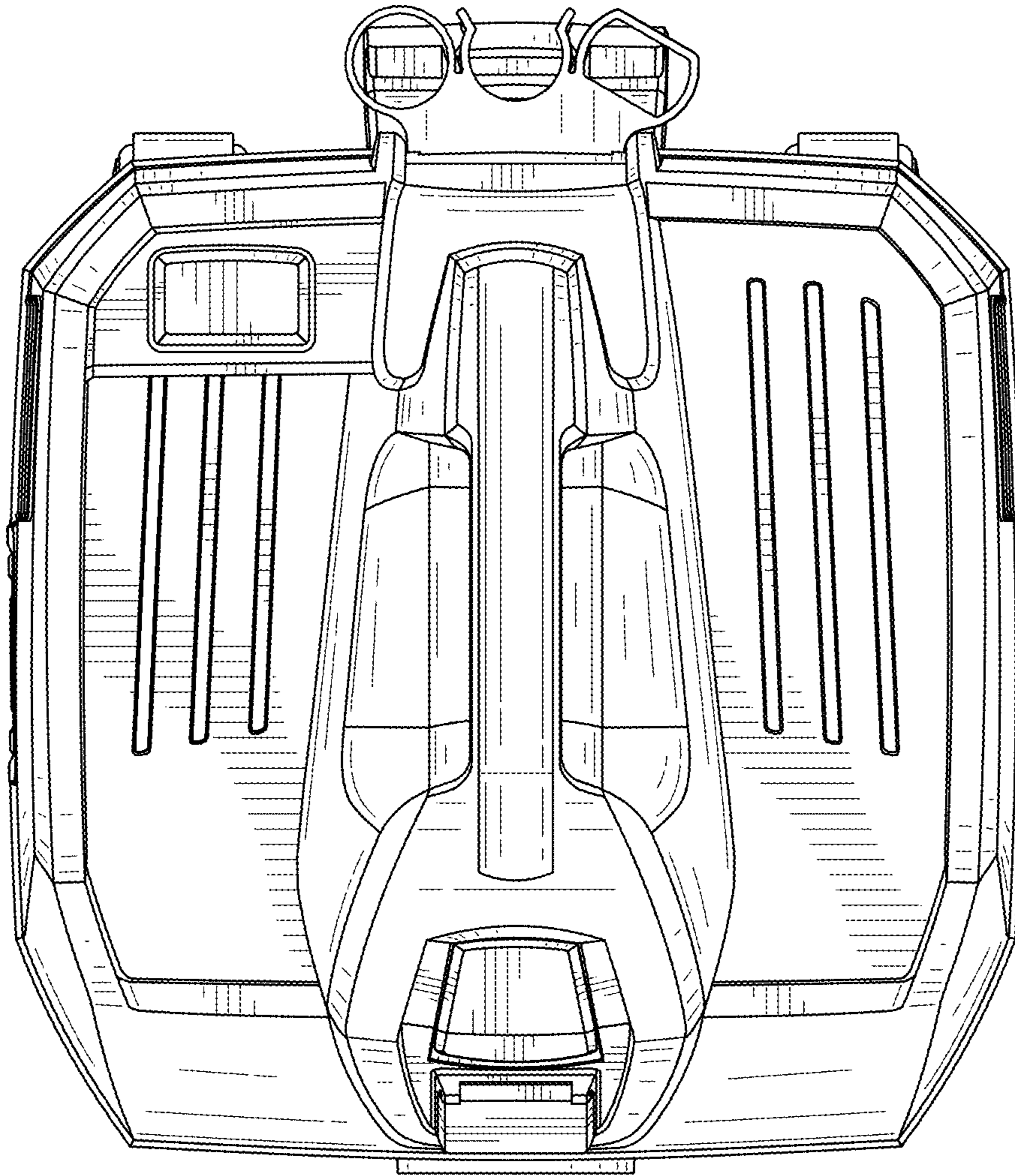


FIG. 6





**FIG. 7**