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

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(54) **VACUUM CLEANER**

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(**) Term: **14 Years**

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(30) **Foreign Application Priority Data**

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

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

(58) **Field of Classification Search**
USPC D32/21, 23, 24, 30, 31; 55/378, 337,
55/447, 345, DIG. 3, 349, 429, 459.1, 395;
15/327.1, 327.2, 327.4, 327.6, 327.7,
15/347, 353, 337, 411

See application file for complete search history.

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(57) **CLAIM**

We claim the ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front/right-side/top perspective view of a vacuum cleaner showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left-side elevational view thereof;
FIG. 5 is a right-side elevational view thereof; and,
FIG. 6 is a top plan view thereof.

1 Claim, 6 Drawing Sheets

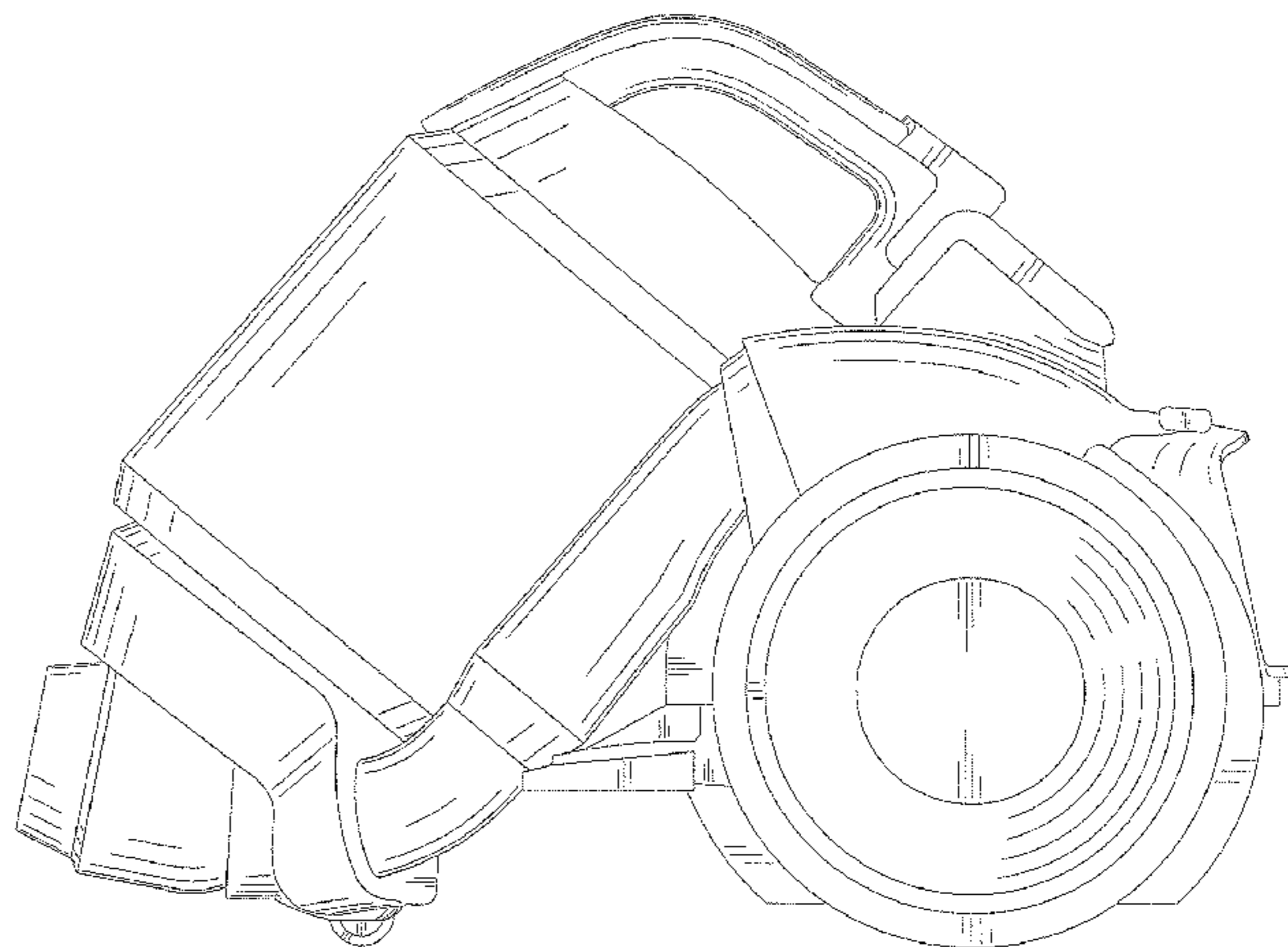
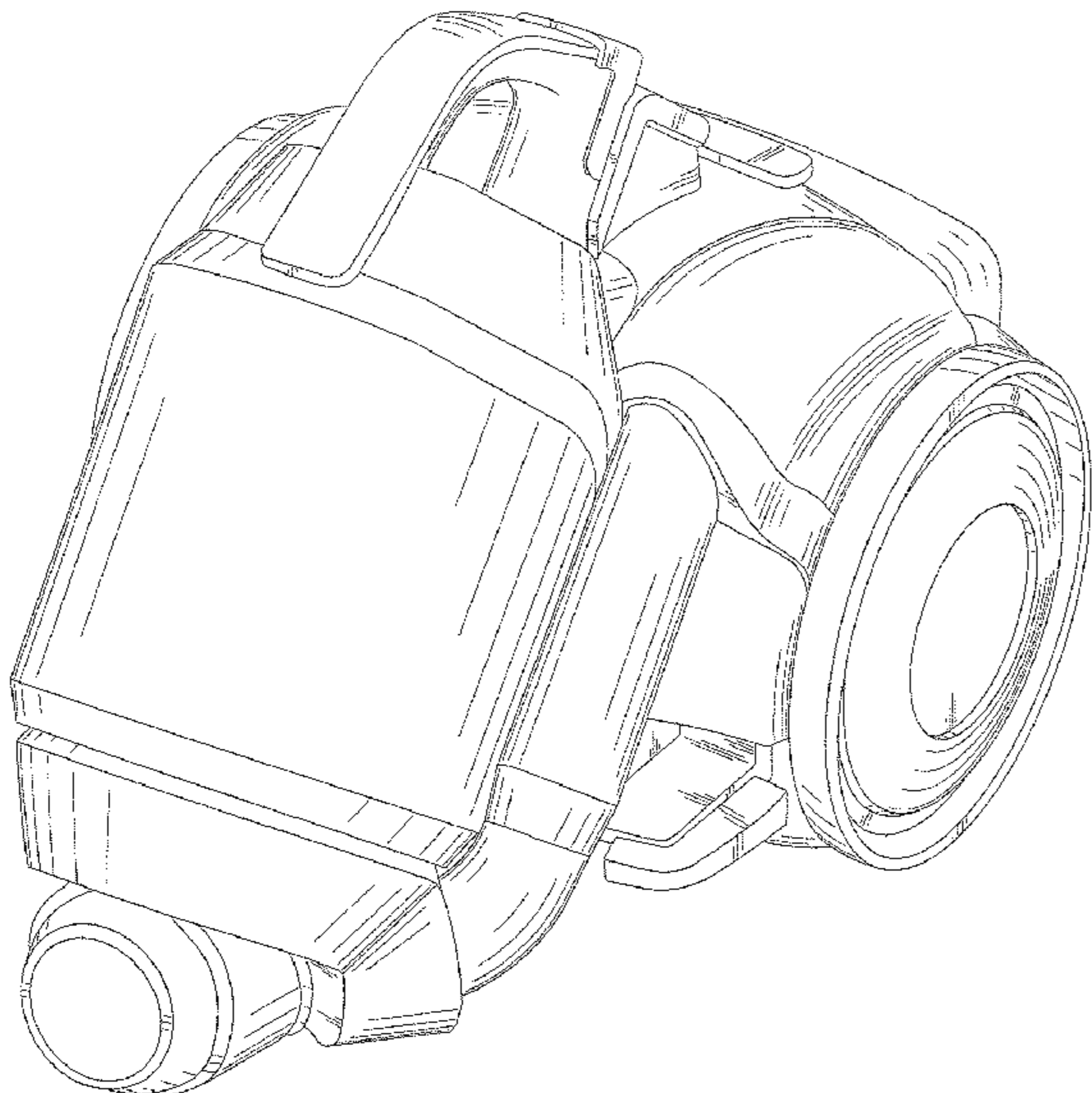


Fig. 1

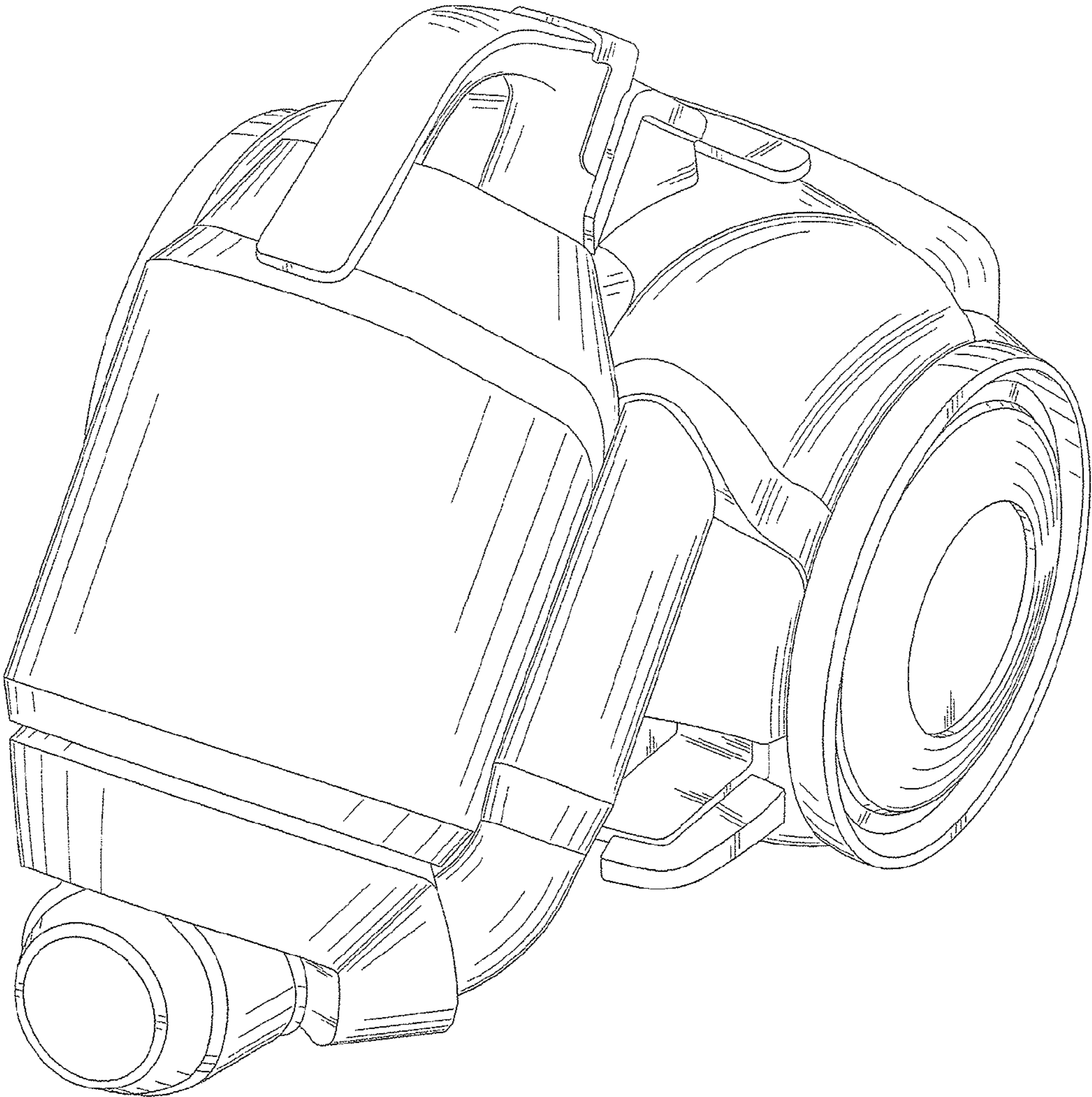


Fig. 2

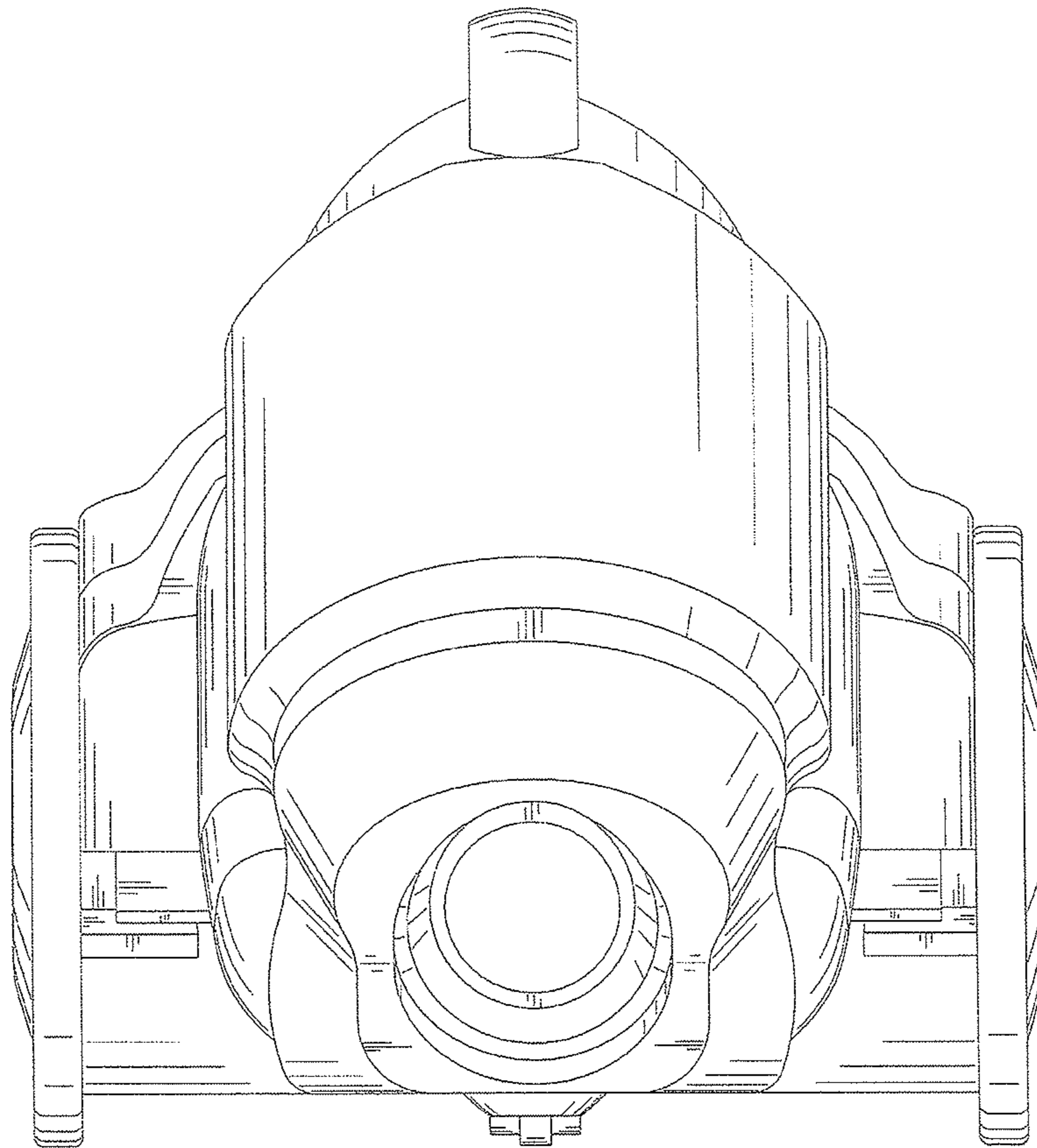


Fig. 3

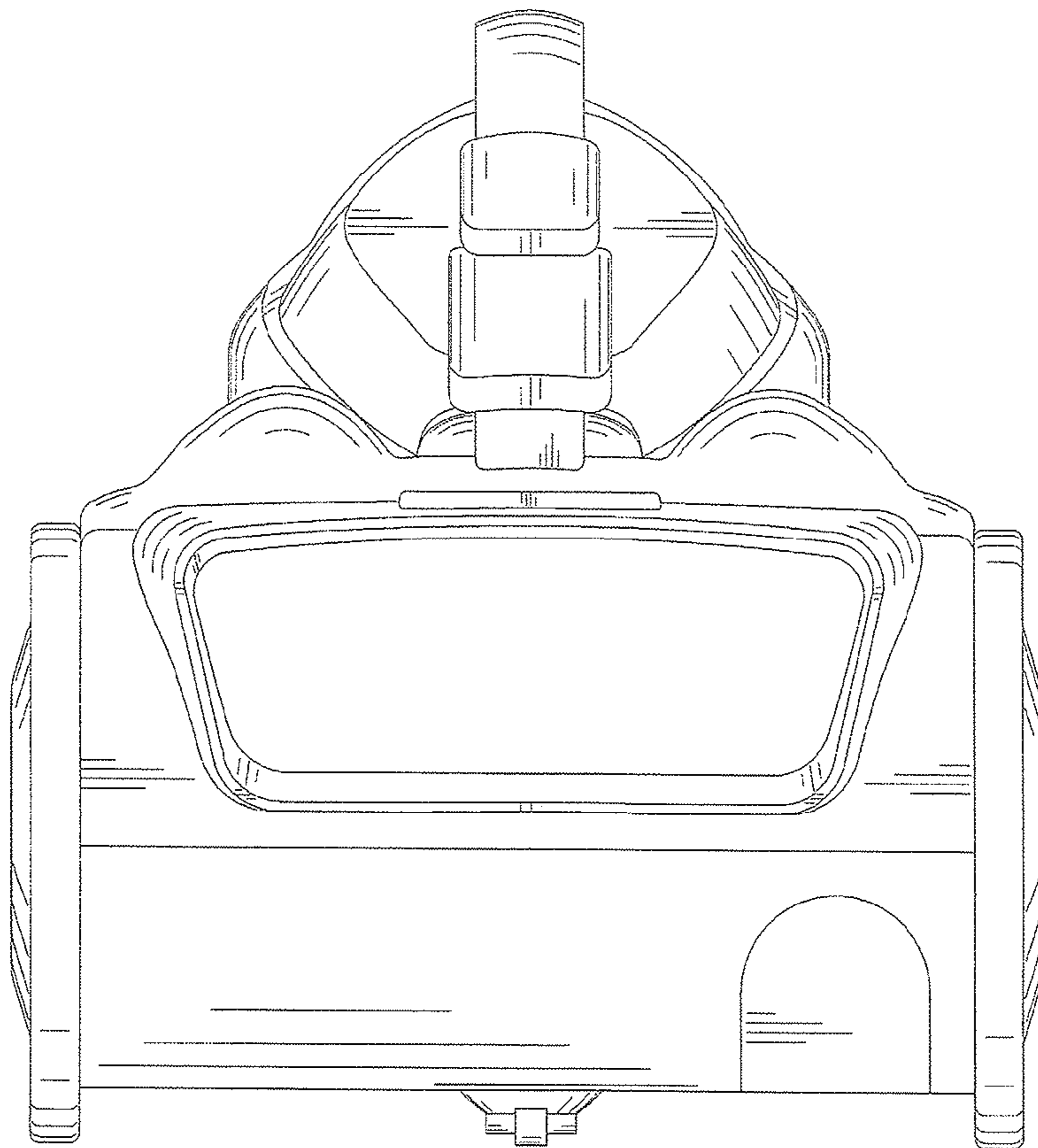


Fig. 4

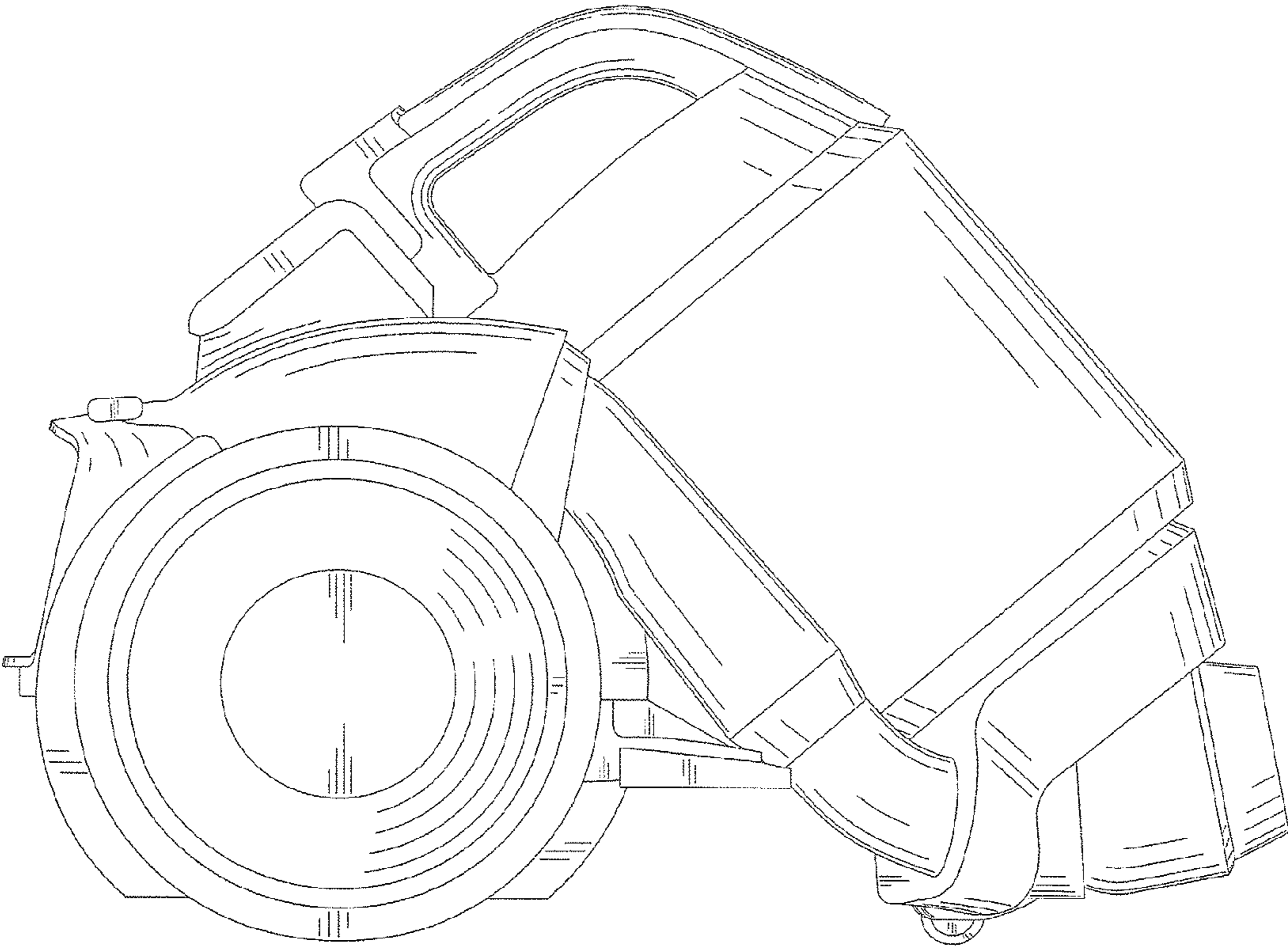


Fig. 5

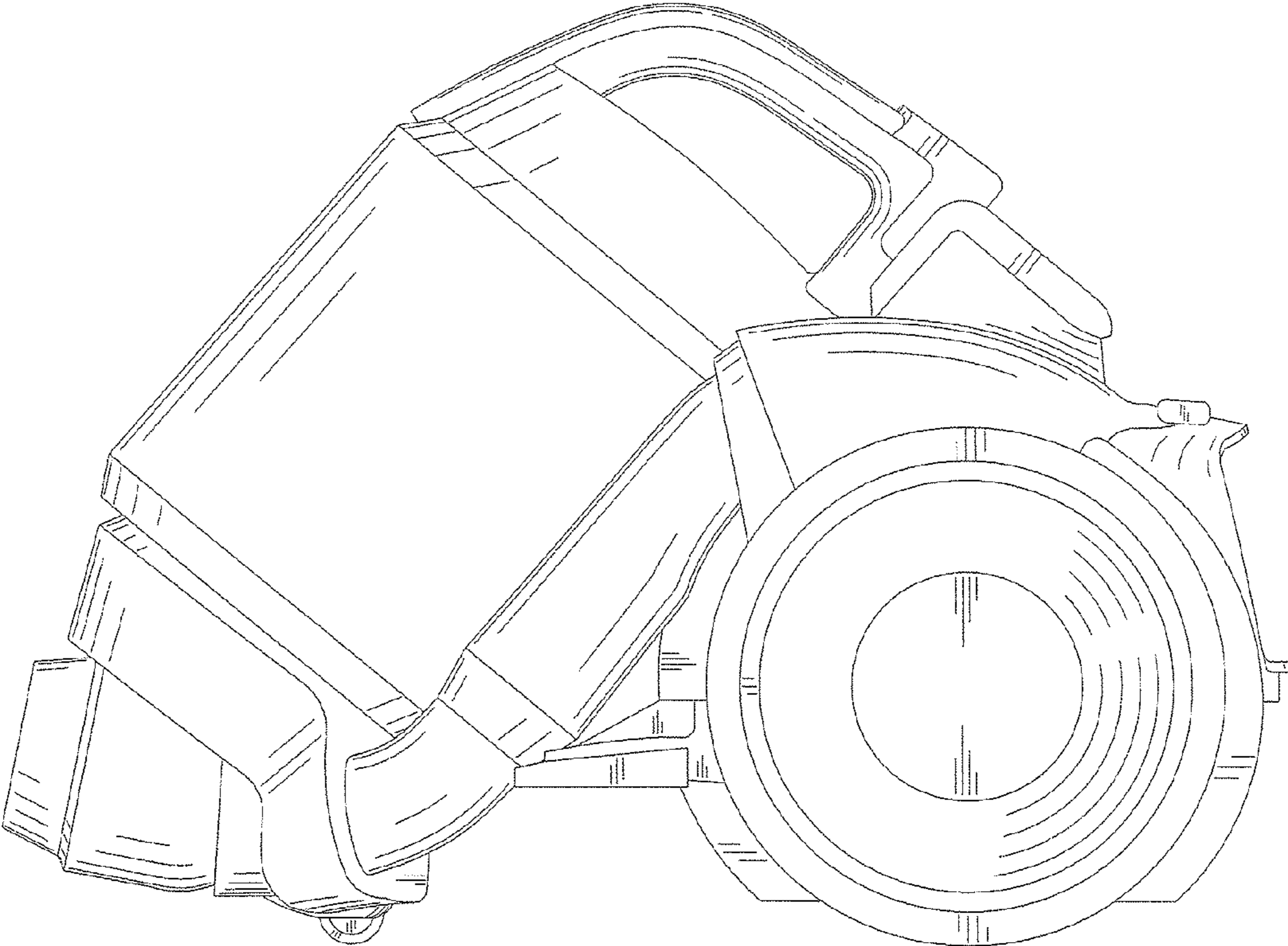


Fig. 6

