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

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(54) **VACUUM CLEANER**

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(73) Assignee: **LG Electronics Inc.**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** ..... **15-05**

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

(58) **Field of Classification Search** ..... D32/21,  
D32/23-24, 30-31; 15/327.1-327, 7, 328,  
15/340.1, 340.2, 353, 347, 301, 336, 320,  
15/314, 352, 412; 55/447, 337, 345, DIG. 3

See application file for complete search history.

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing our new design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a left-side elevation view thereof;

FIG. 5 is a right-side elevation view thereof; and,

FIG. 6 is a top plan view thereof.

**1 Claim, 4 Drawing Sheets**

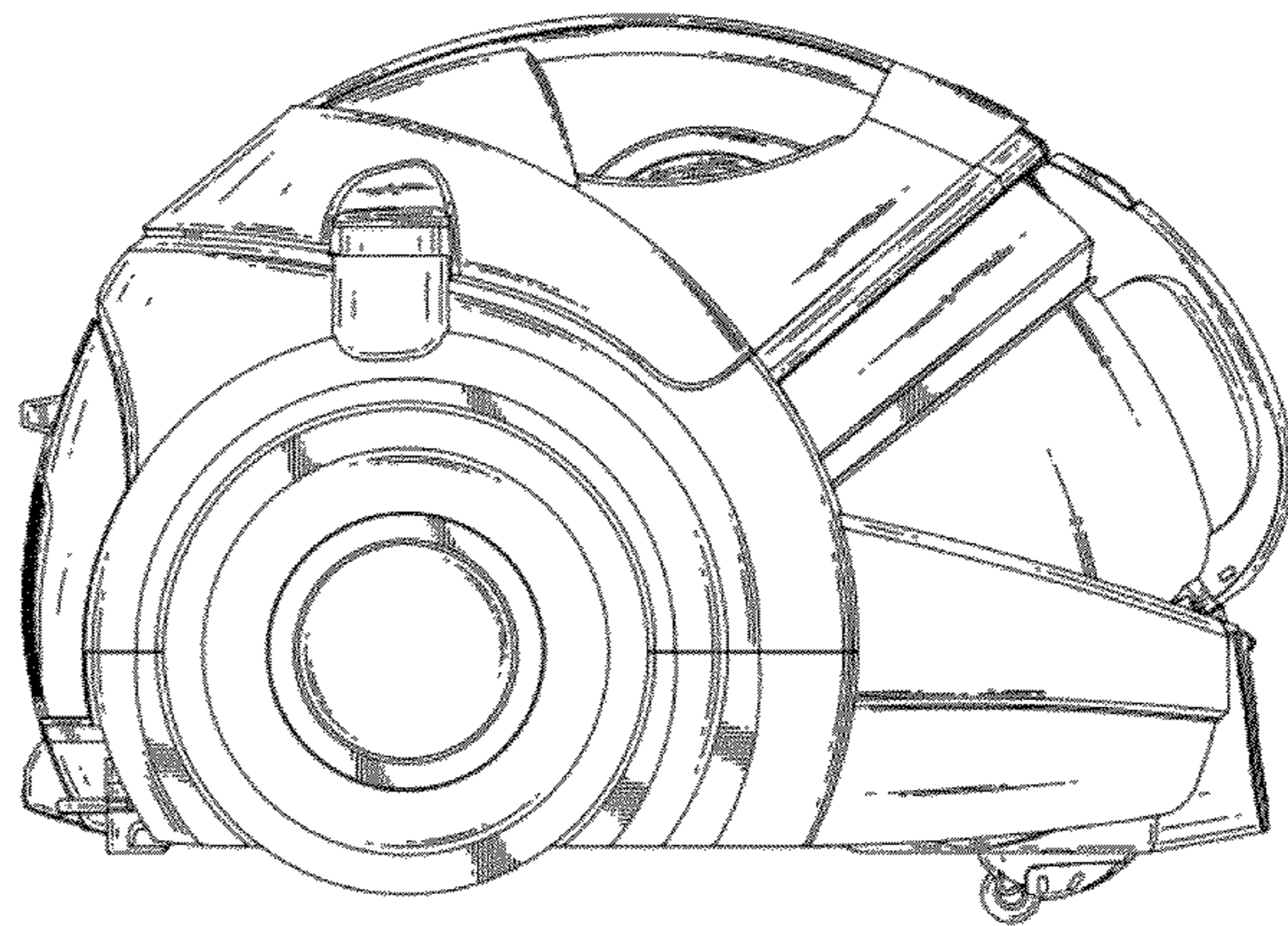
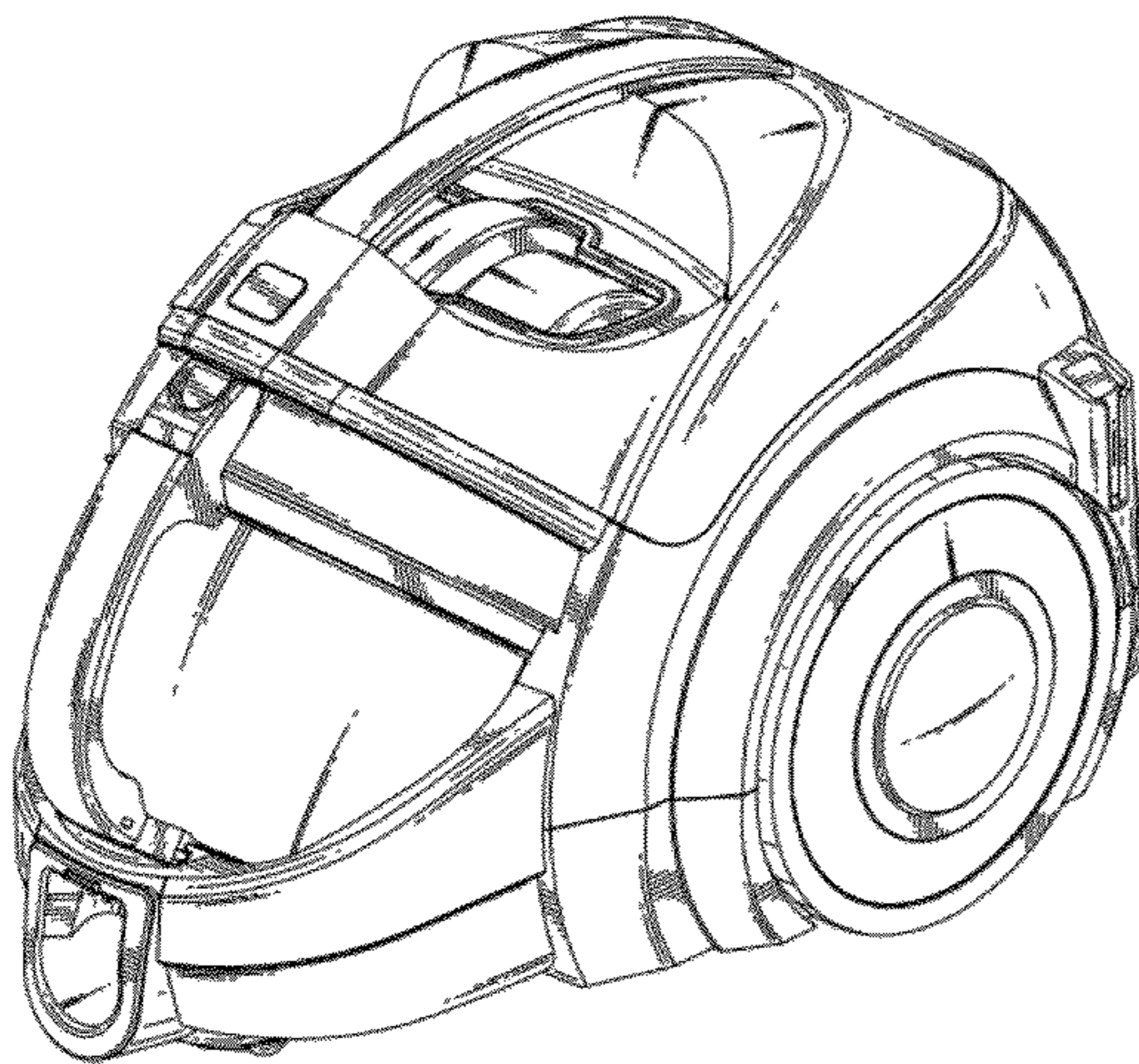


FIG. 1

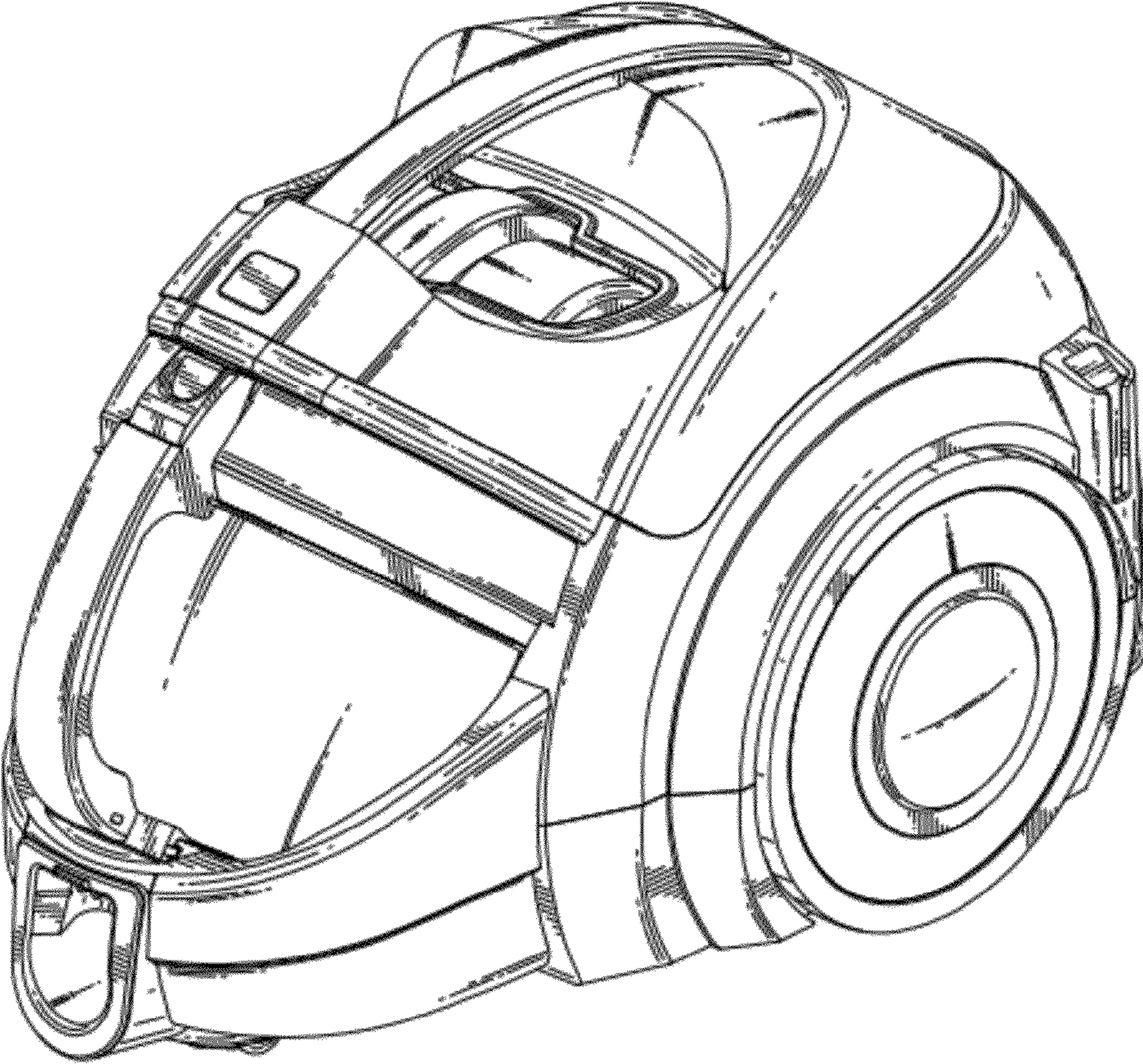


FIG.2

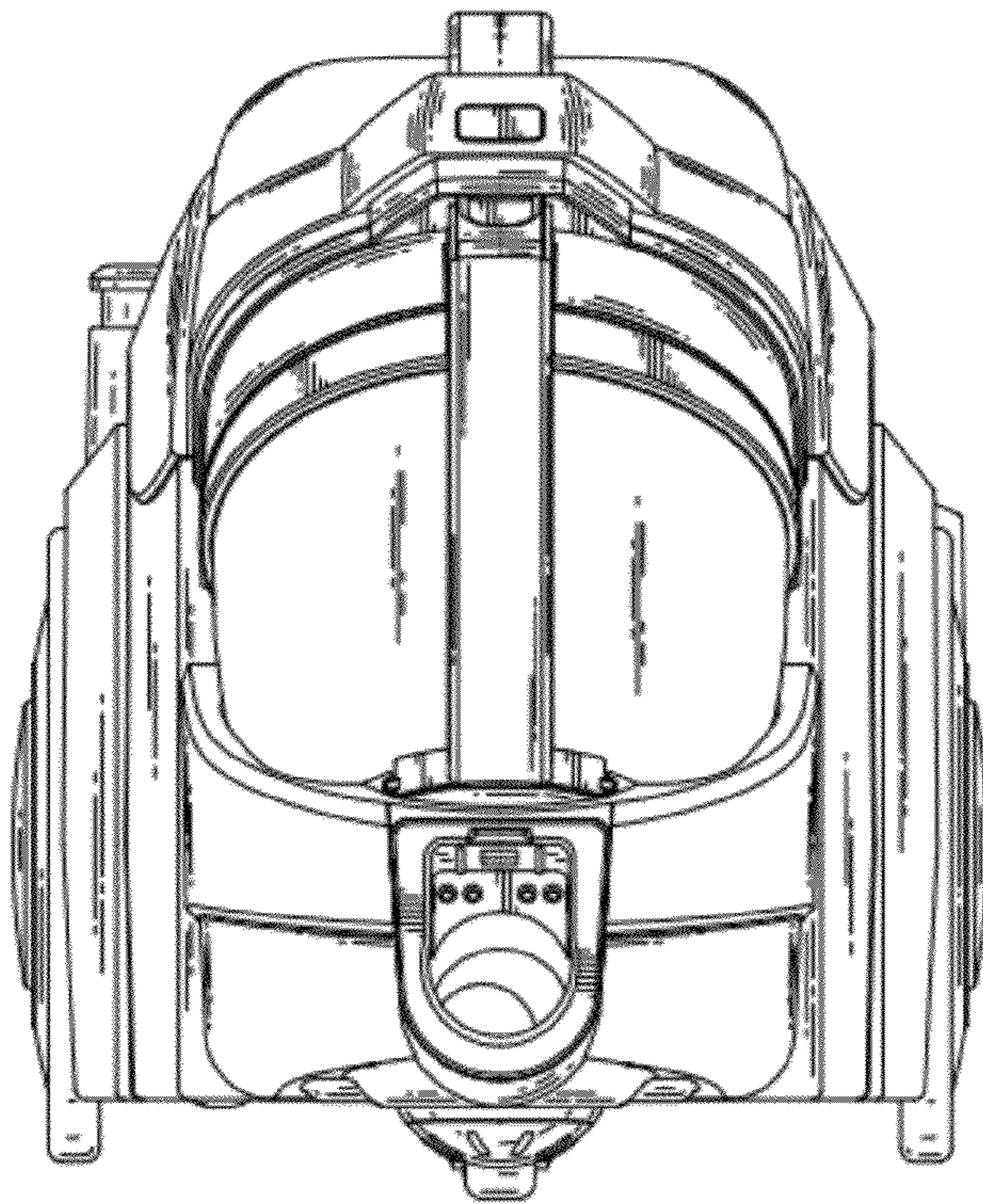


FIG.3

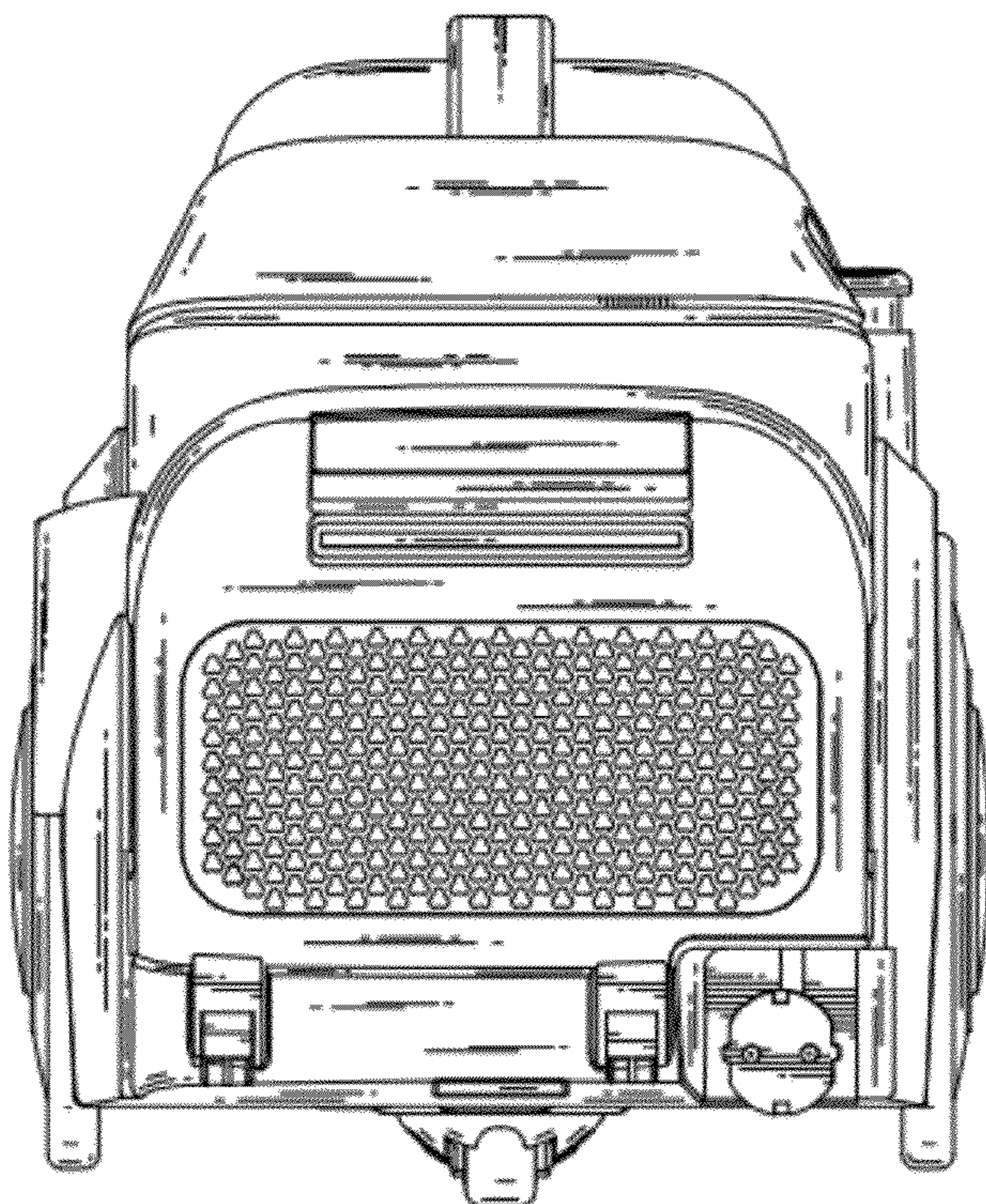


FIG.4

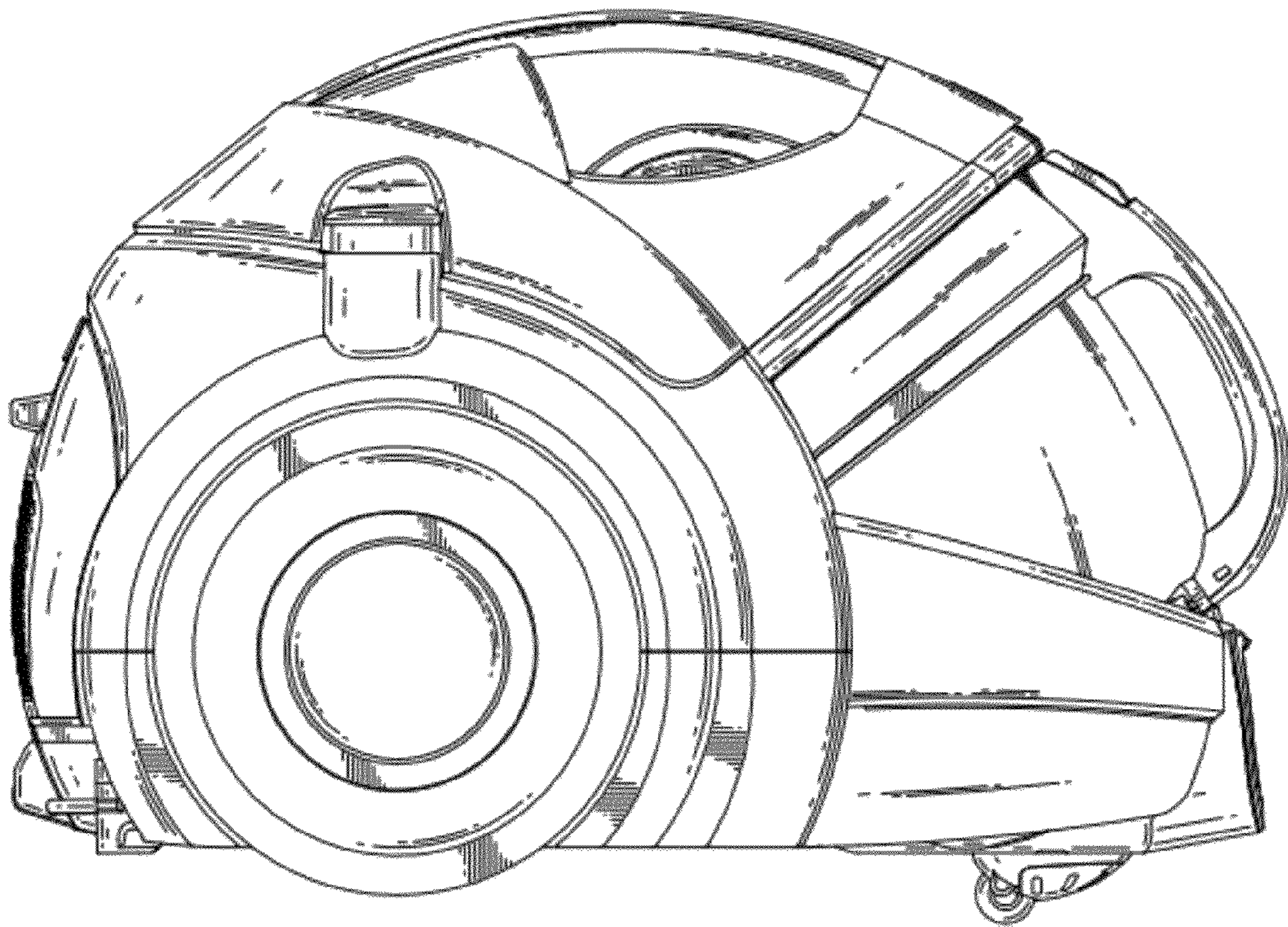


FIG.5

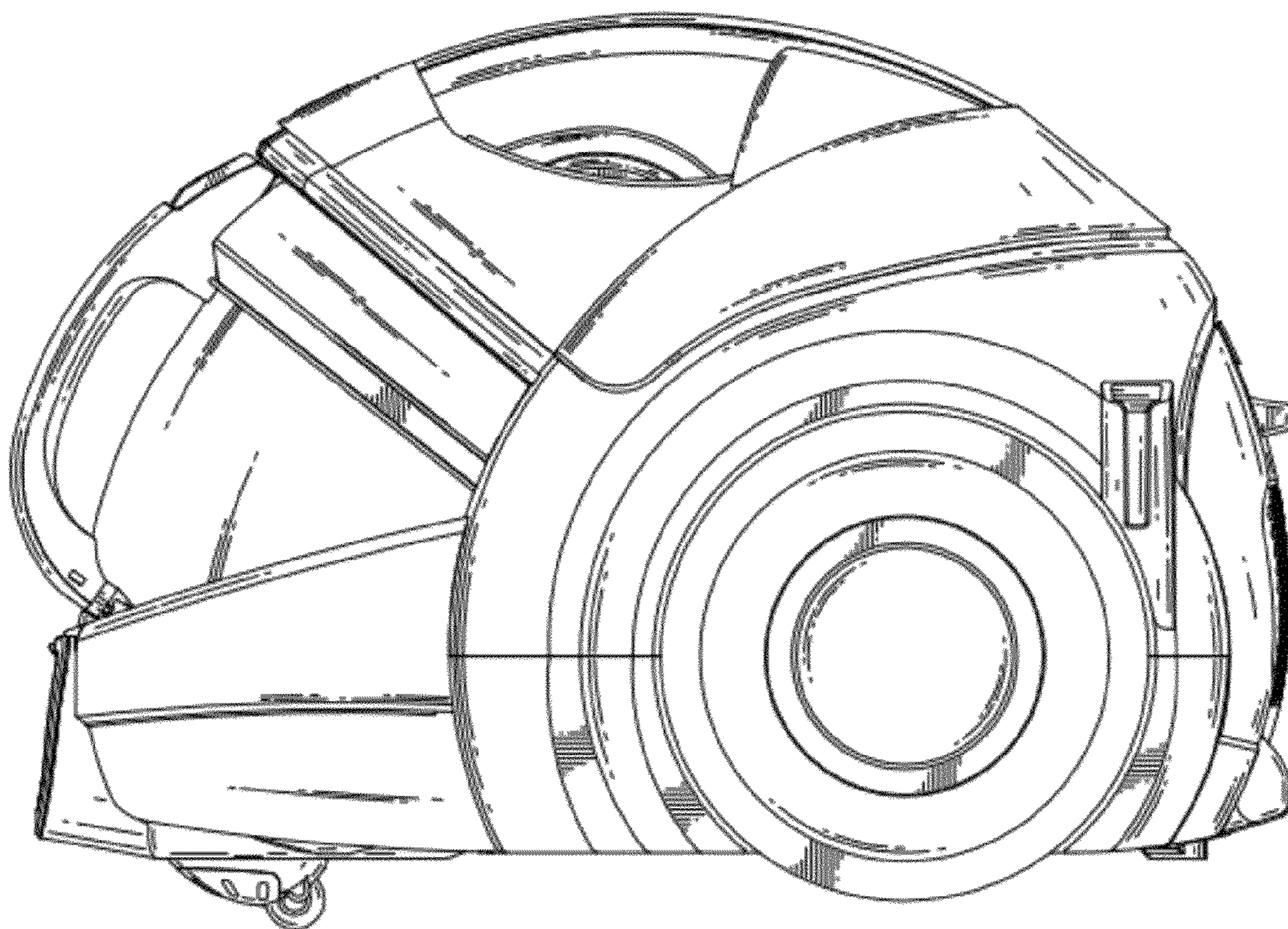


FIG.6

