



US00D527152S

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

(10) **Patent No.:** **US D527,152 S**

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(54) **VACUUM CLEANER**

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

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(51) **LOC (8) Cl.** **15-05**

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

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D32/15-16, 21, 23-24, 31; 15/319, 320-321,
15/323, 327.1, 327.2, 327.3, 327.4, 327.6,
15/327.7, 329, 340.1, 340.2, 347, 353, 383,
15/405, 412; 901/1; 700/245; 318/568.12;
417/236; 55/DIG. 3

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 perspective view of a vacuum cleaner showing my new design;

FIG. 2 is a top view thereof;

FIG. 3 is a bottom view thereof;

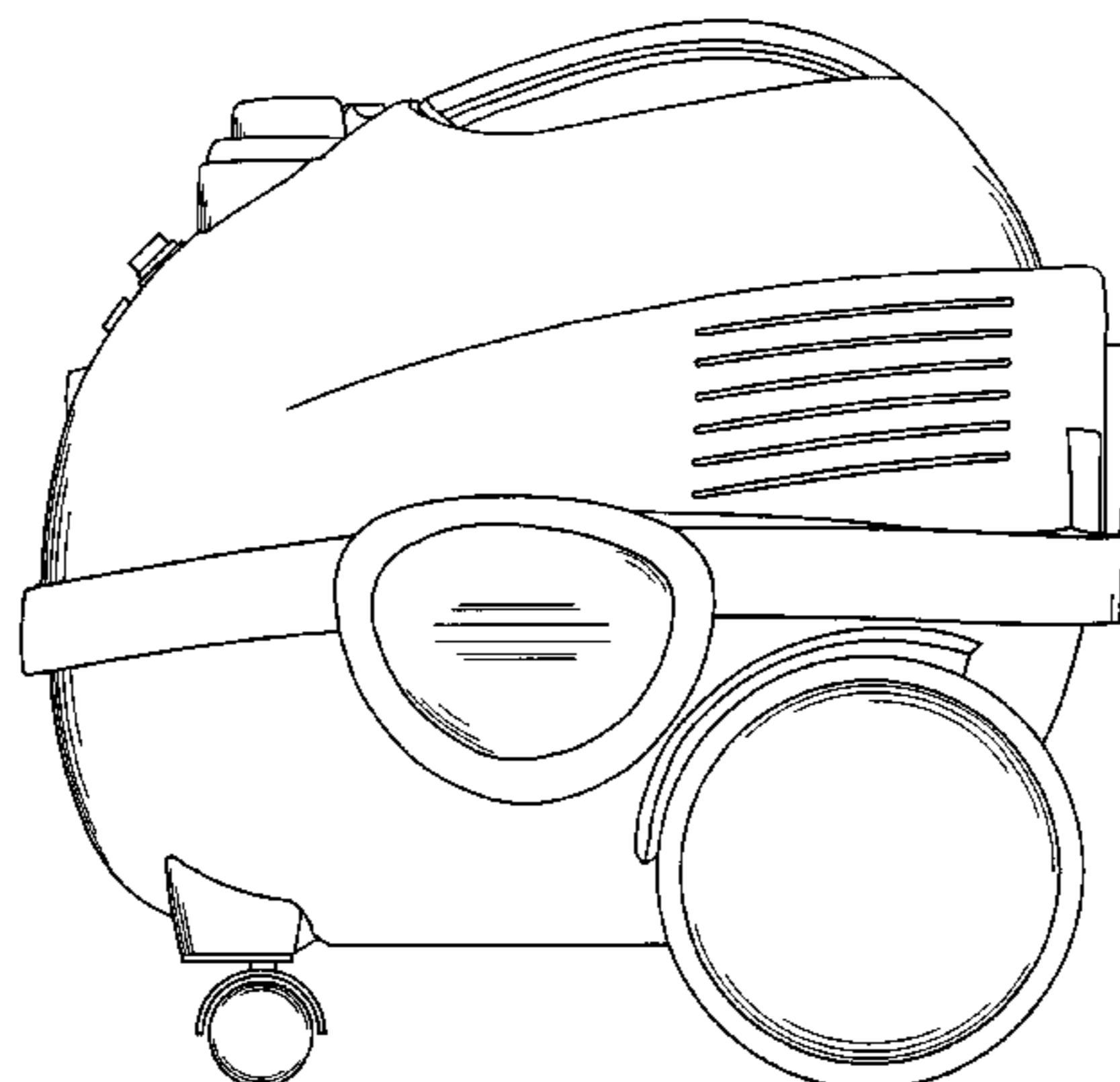
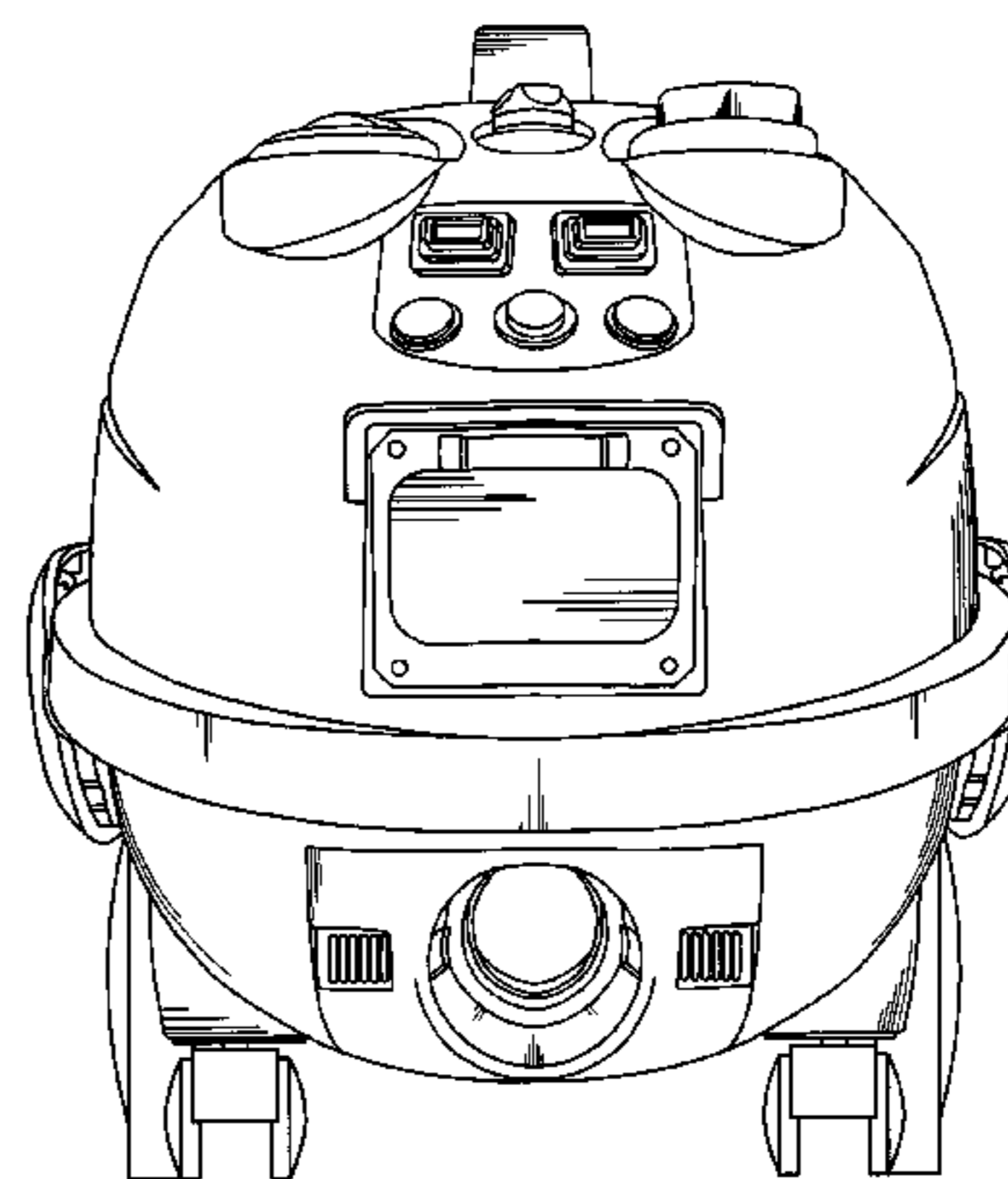
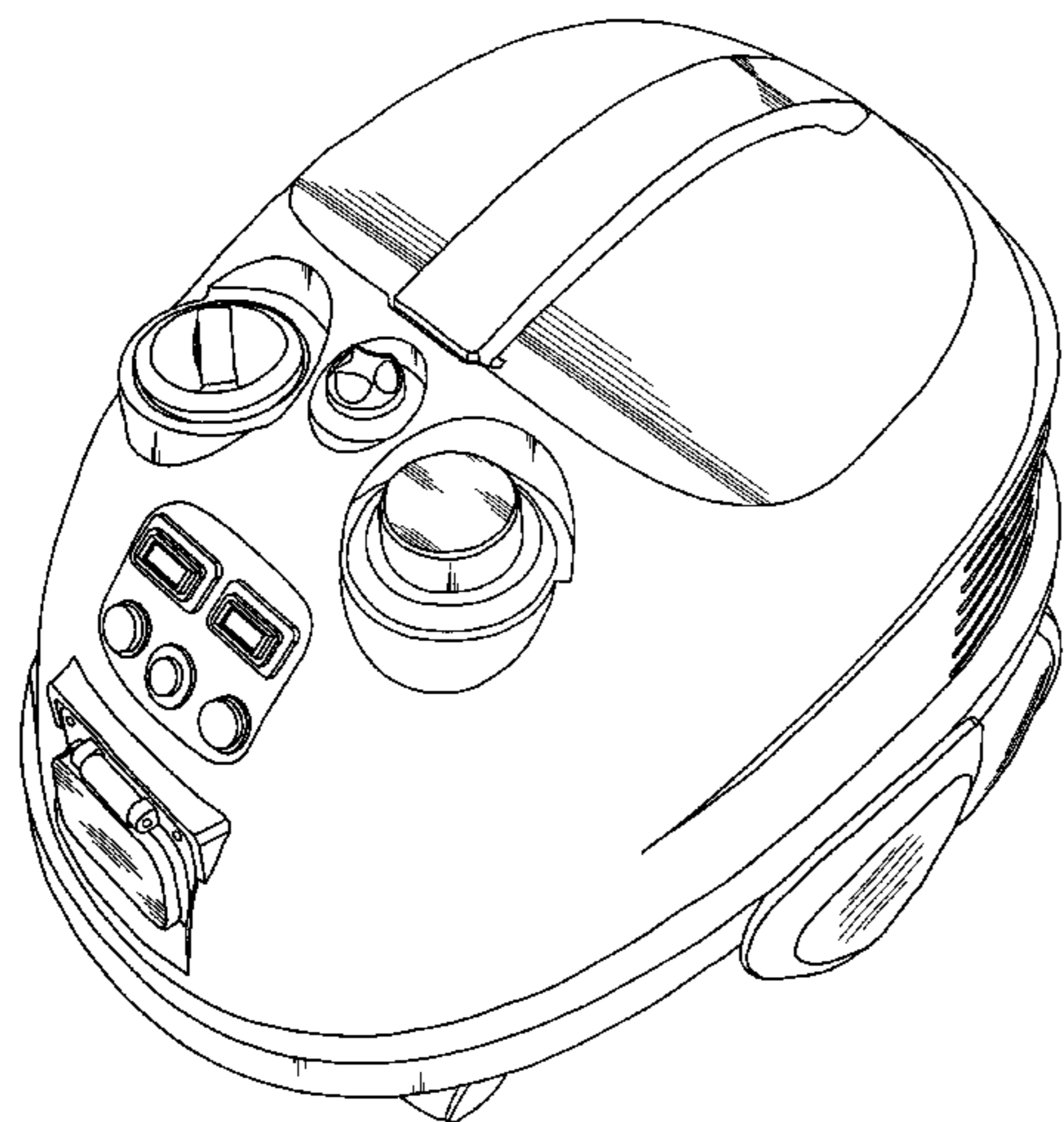
FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a left side view thereof; and,

FIG. 7 is a right side view thereof.

1 Claim, 7 Drawing Sheets



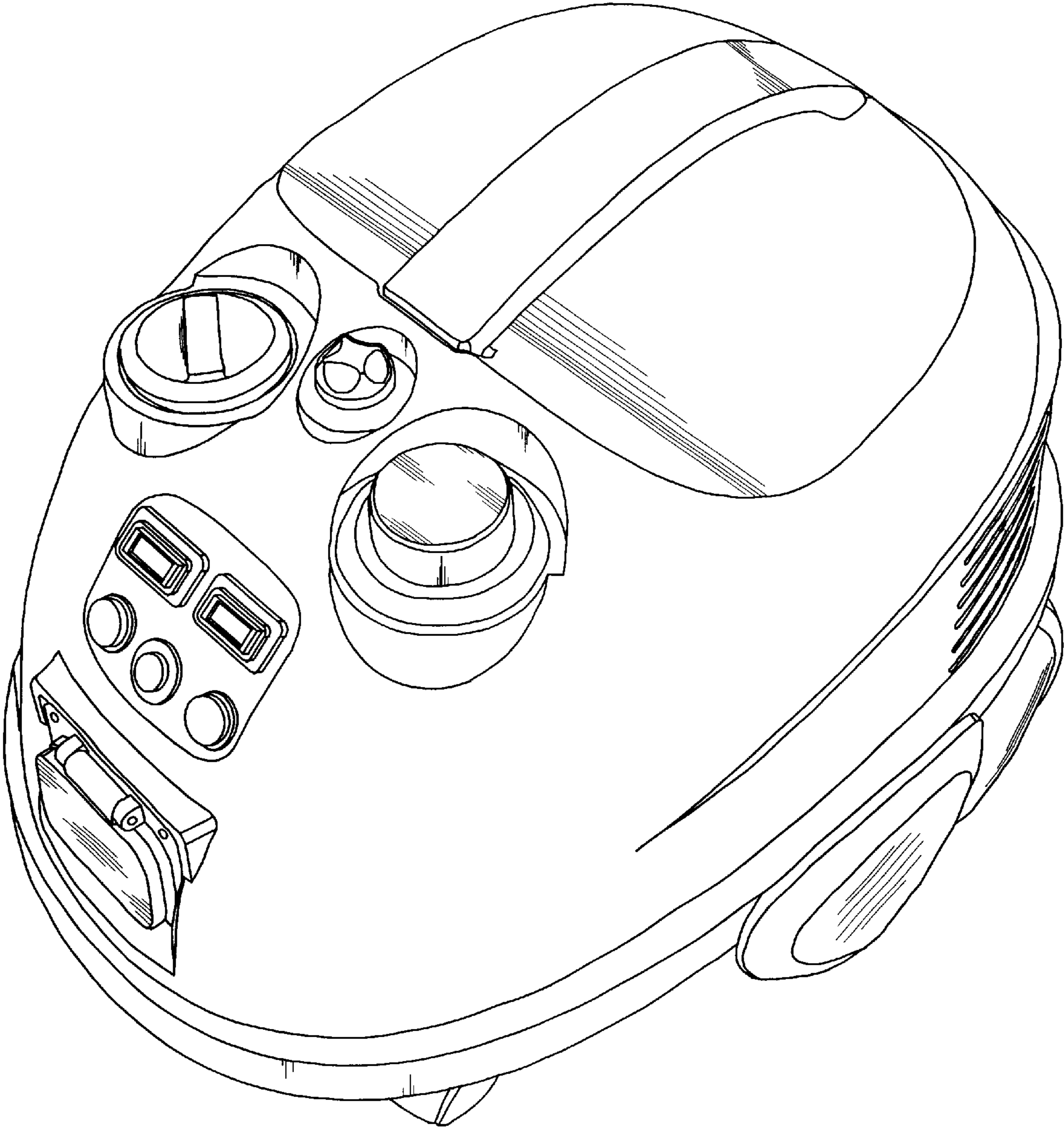


FIG.1

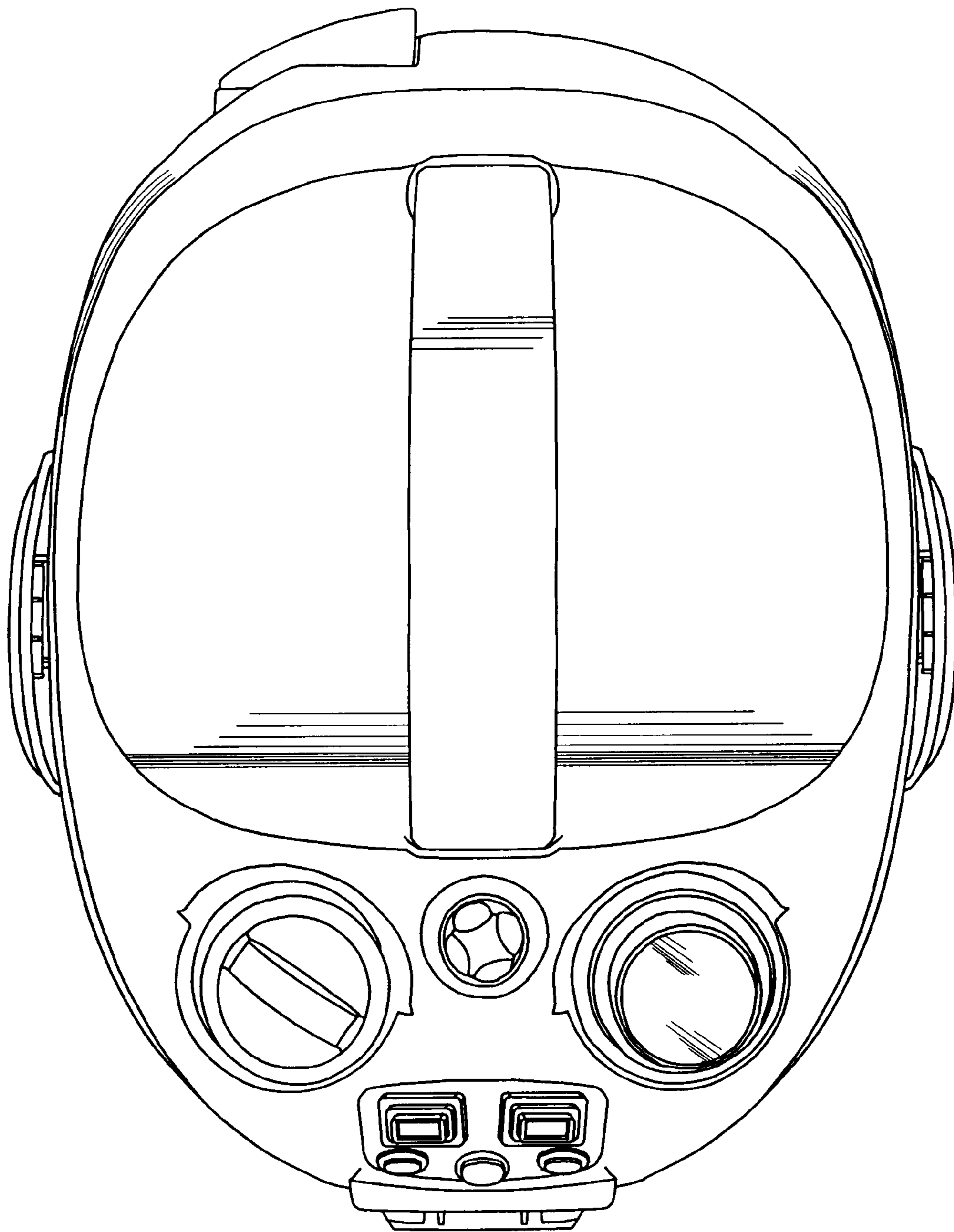


FIG.2

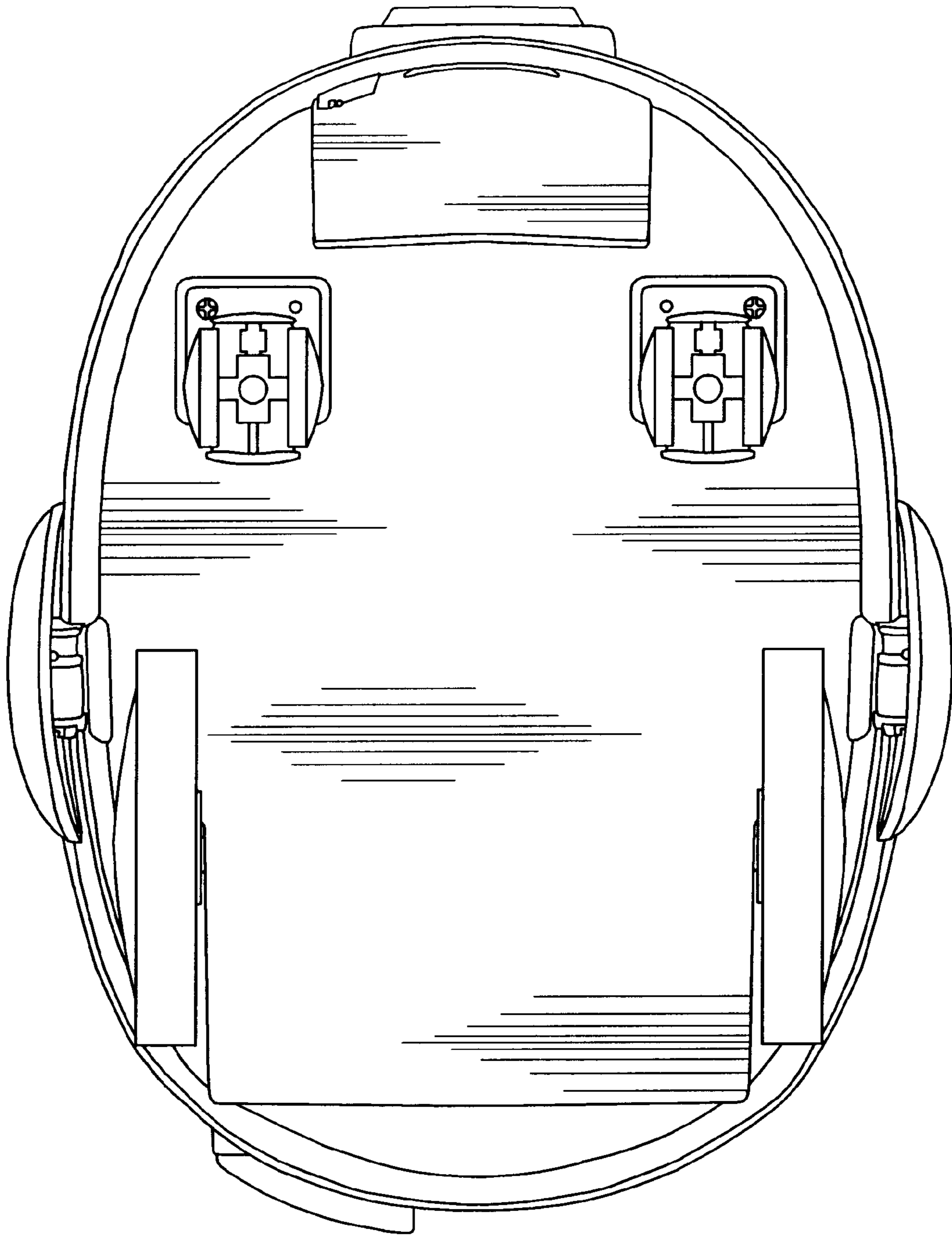


FIG.3

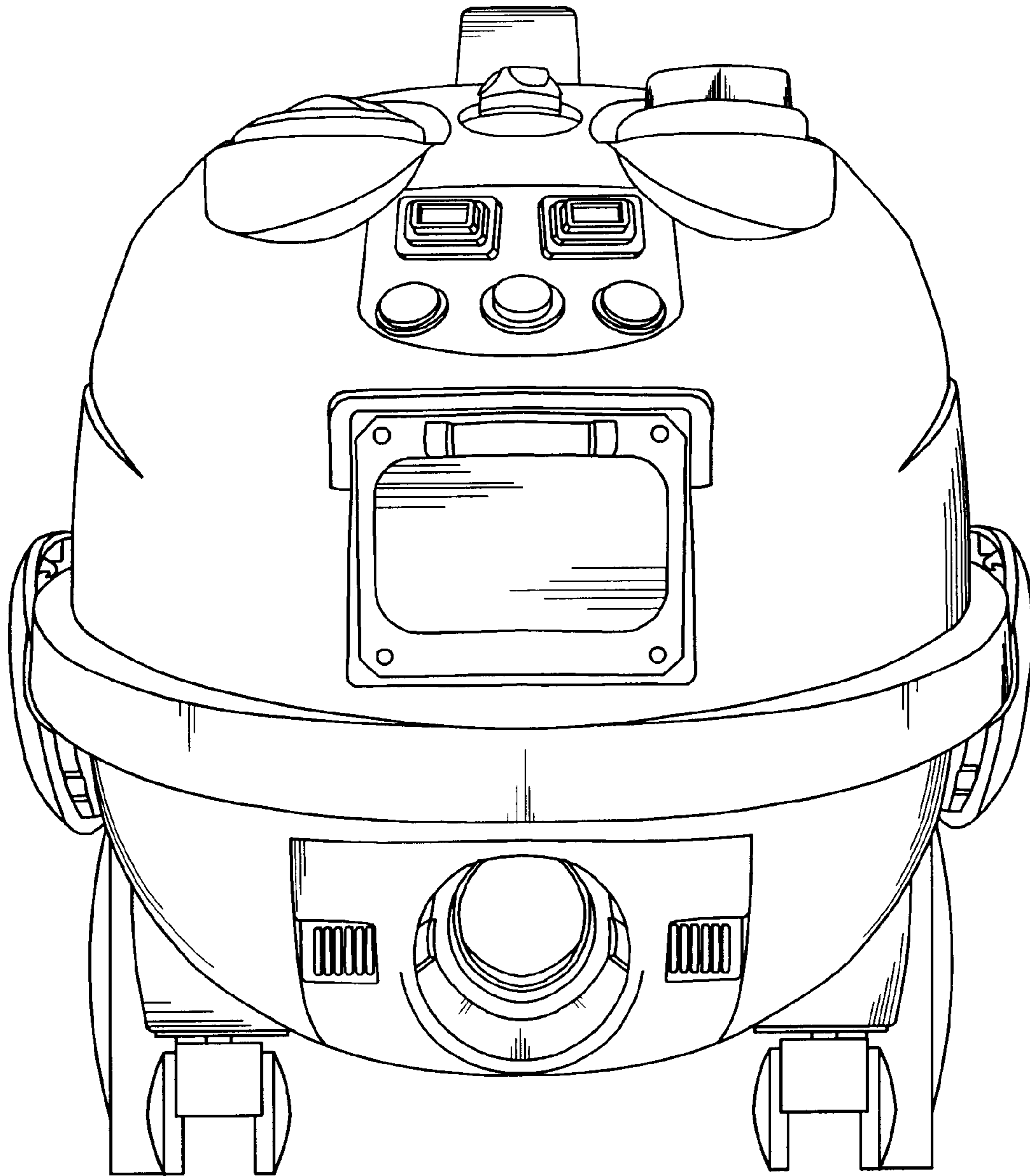


FIG.4

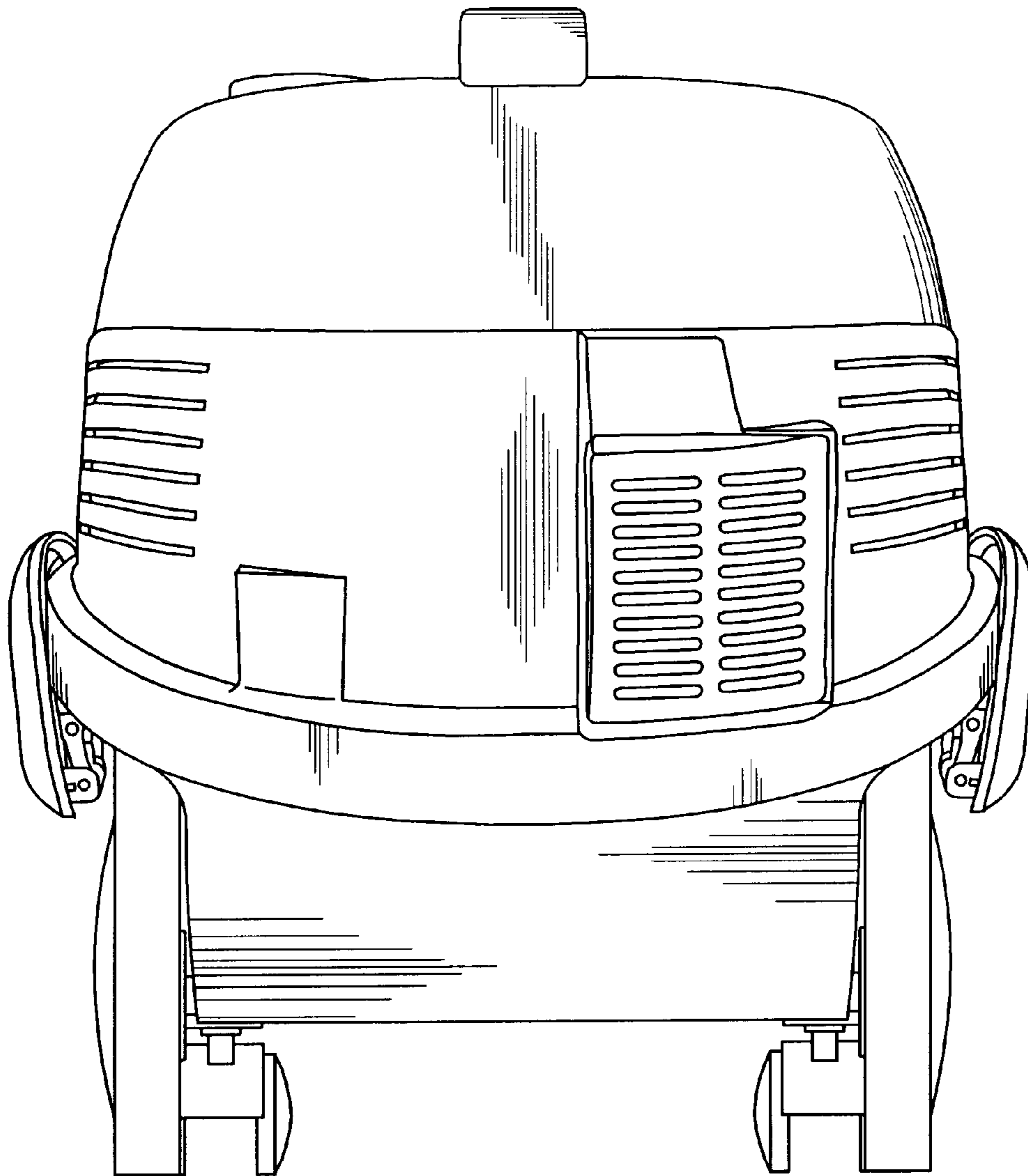


FIG.5

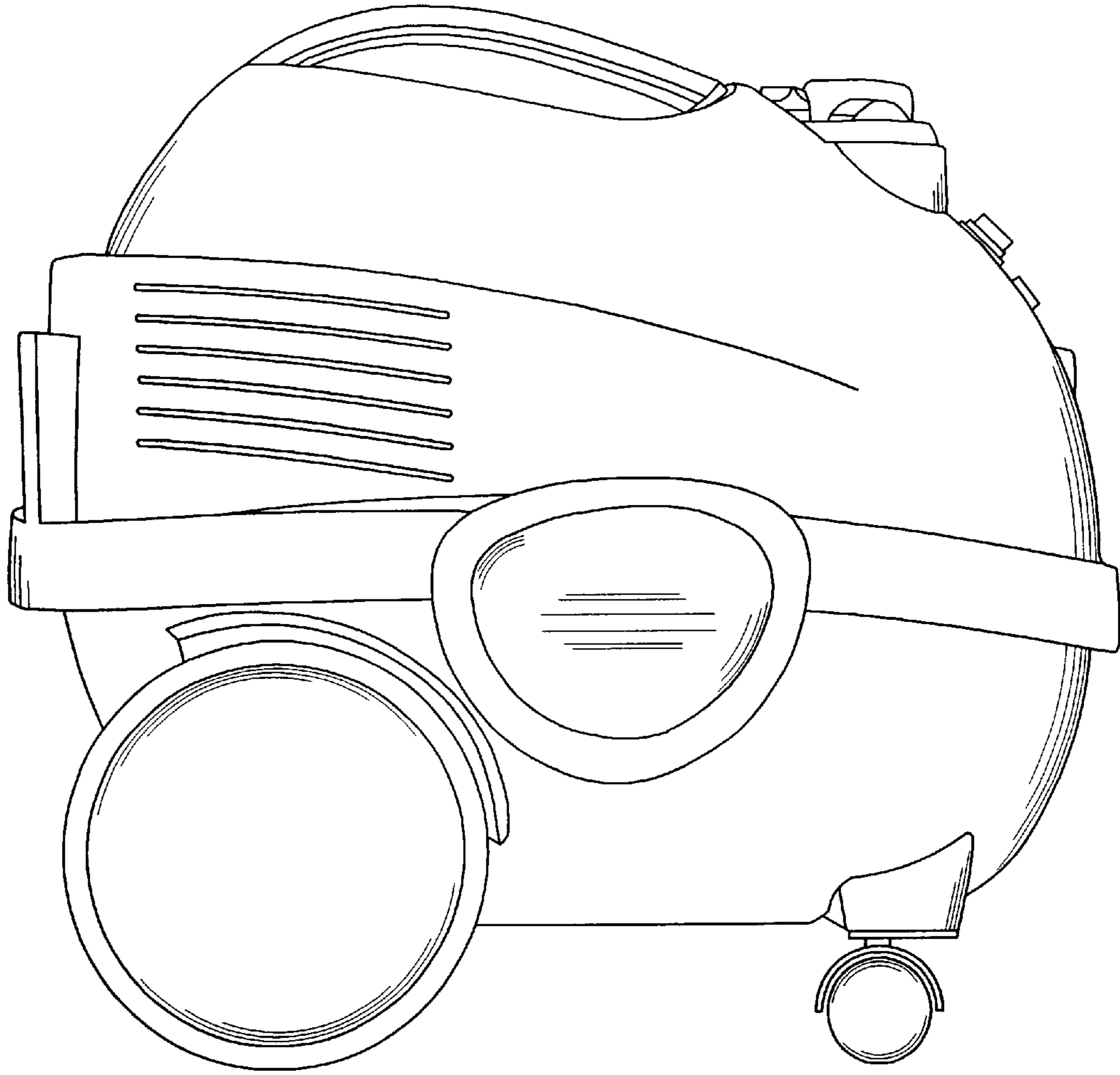


FIG.6

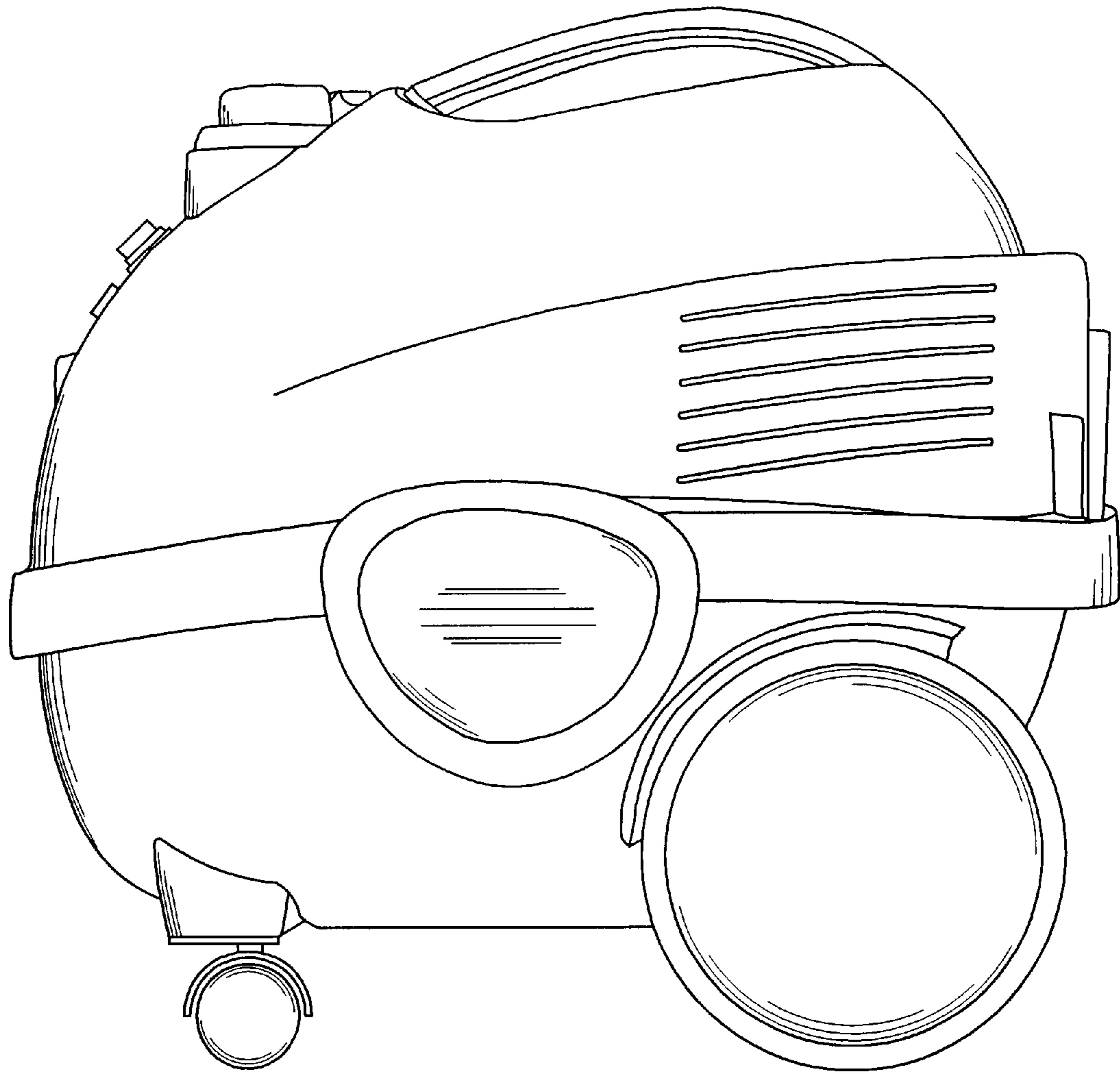


FIG.7