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

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(54) **STEAM CLEANER**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** **15-05**

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

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D32/31; D28/12; 219/222; 15/320, 329,
344, 352-353, 327.1, 327.2, 327.3, 327.4,
327.6, 327.7; 38/77.1, 77.5; 68/222; 392/404,
405; 601/6

(56) **References Cited**

U.S. PATENT DOCUMENTS

D338,292 S * 8/1993 Schmitz et al. D32/21
D338,989 S * 8/1993 Ambrosiano D32/15
5,613,271 A * 3/1997 Thomas 15/321

5,749,120 A * 5/1998 Amoretti 15/339
D399,617 S * 10/1998 Fujita D32/21
D417,046 S * 11/1999 Tsuruha et al. D32/21
D421,165 S * 2/2000 Joiner et al. D32/35
D423,156 S * 4/2000 Joiner et al. D32/35
D430,366 S * 8/2000 Sato et al. D32/21

* cited by examiner

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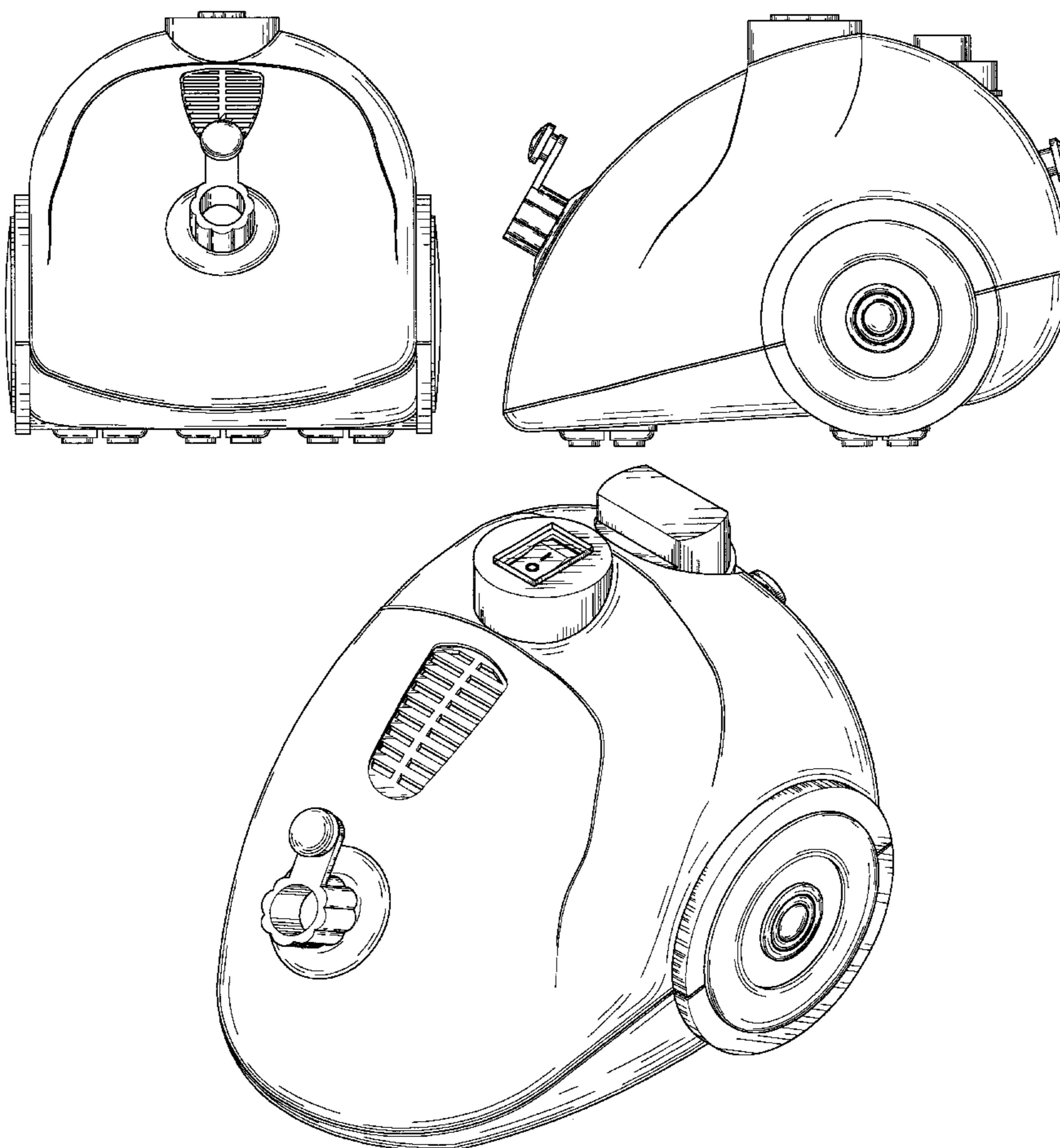
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevational view of a steam cleaner showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a left side elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a perspective view thereof.

1 Claim, 4 Drawing Sheets



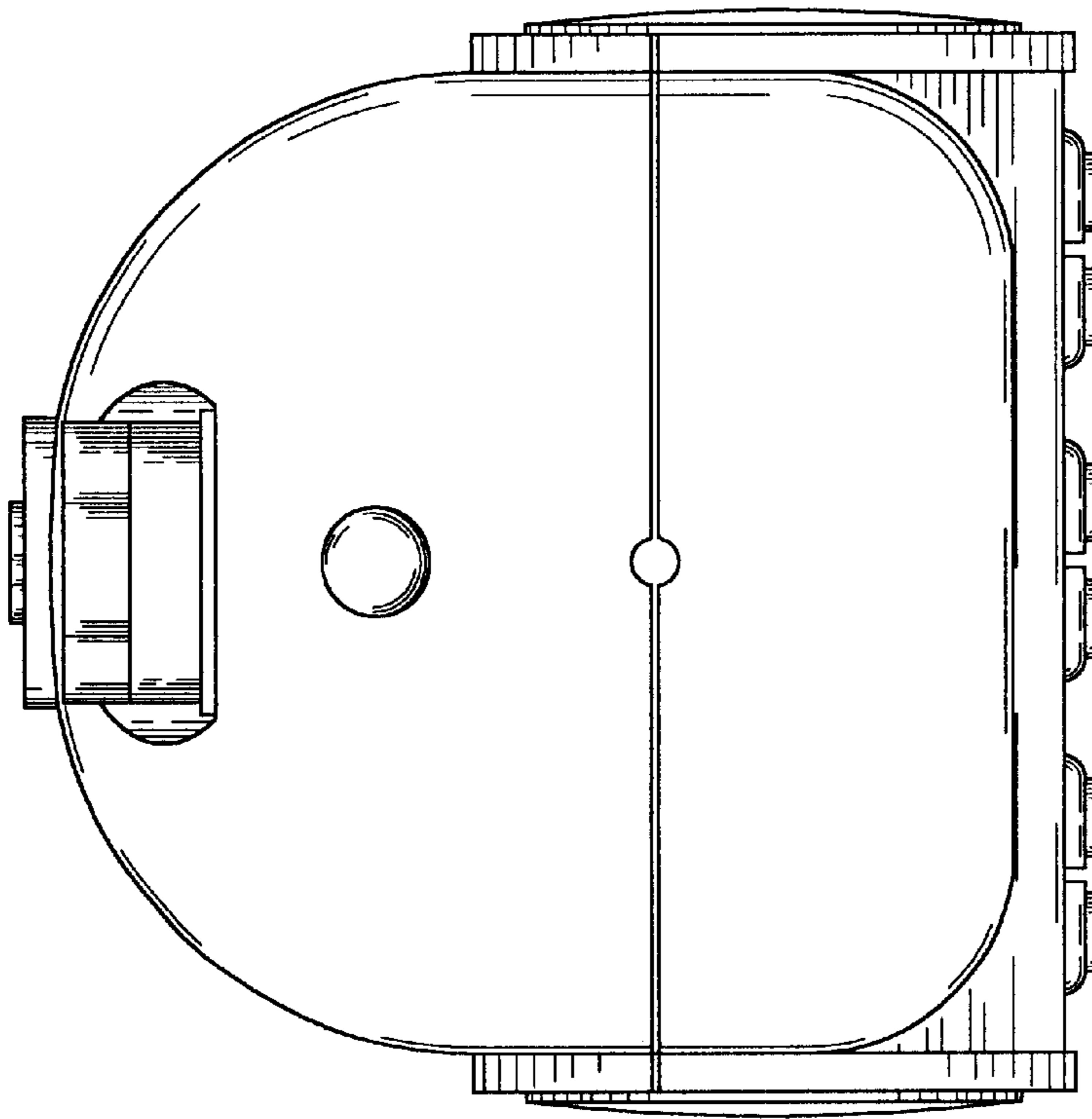


FIG.2

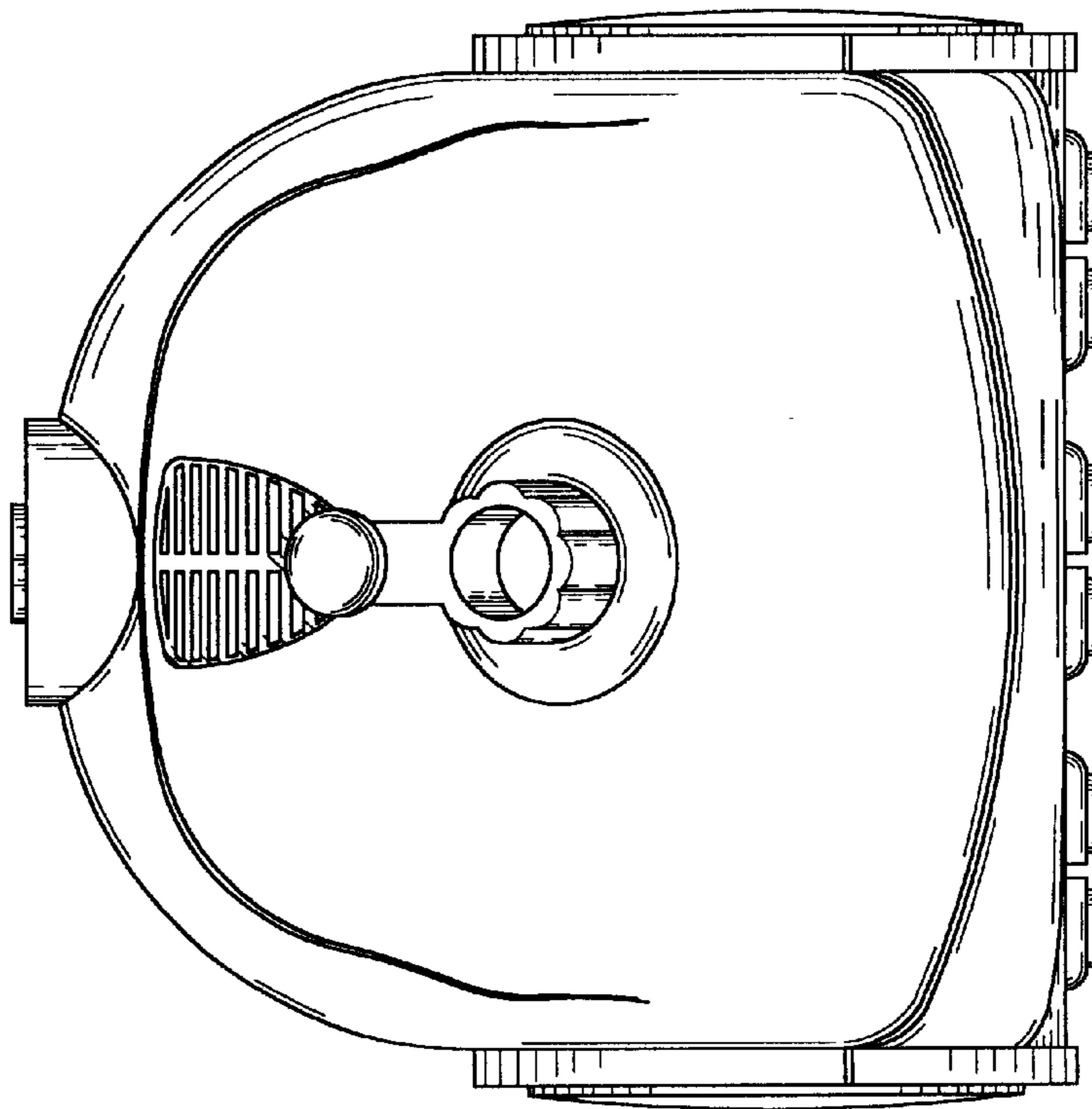


FIG.1

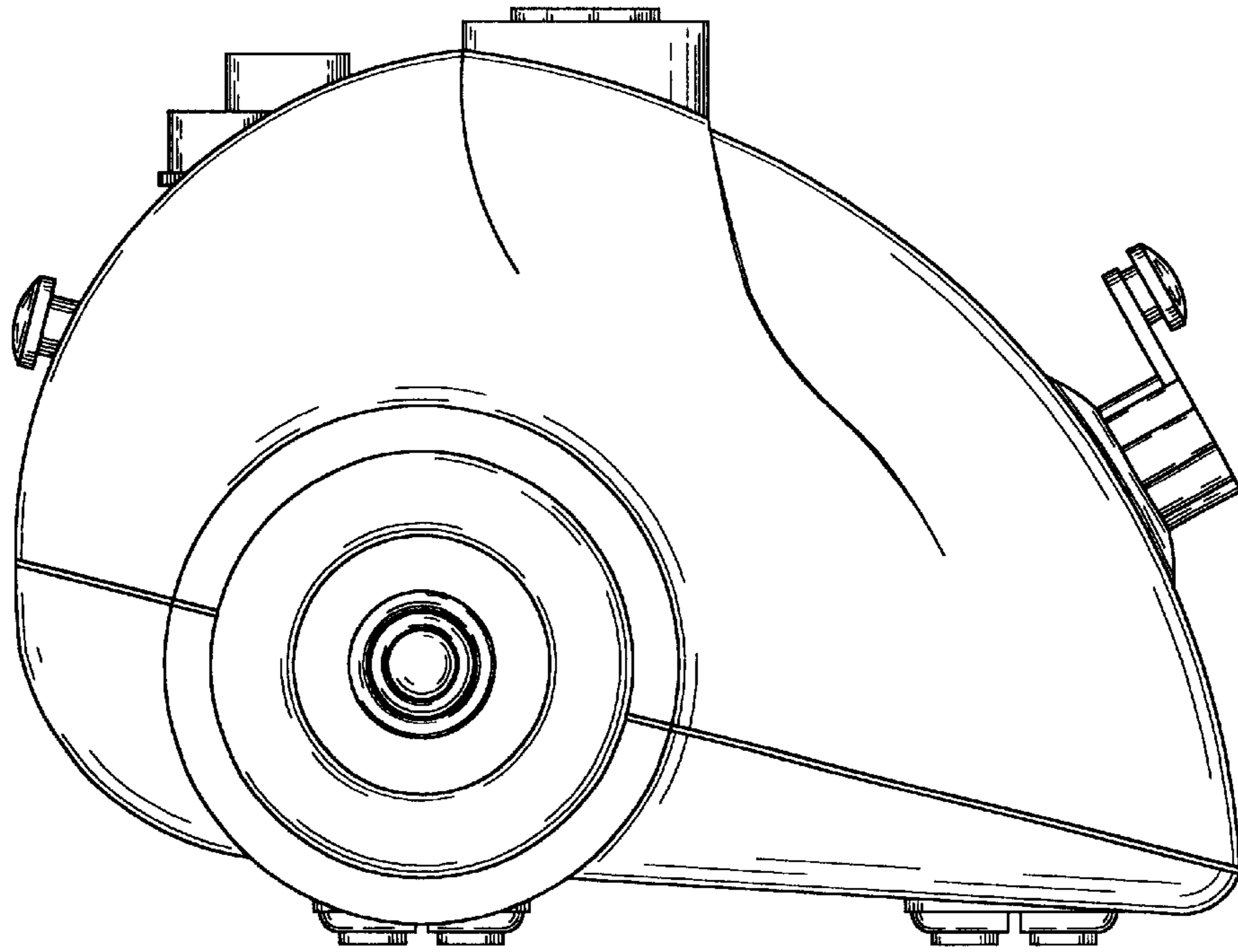


FIG.3

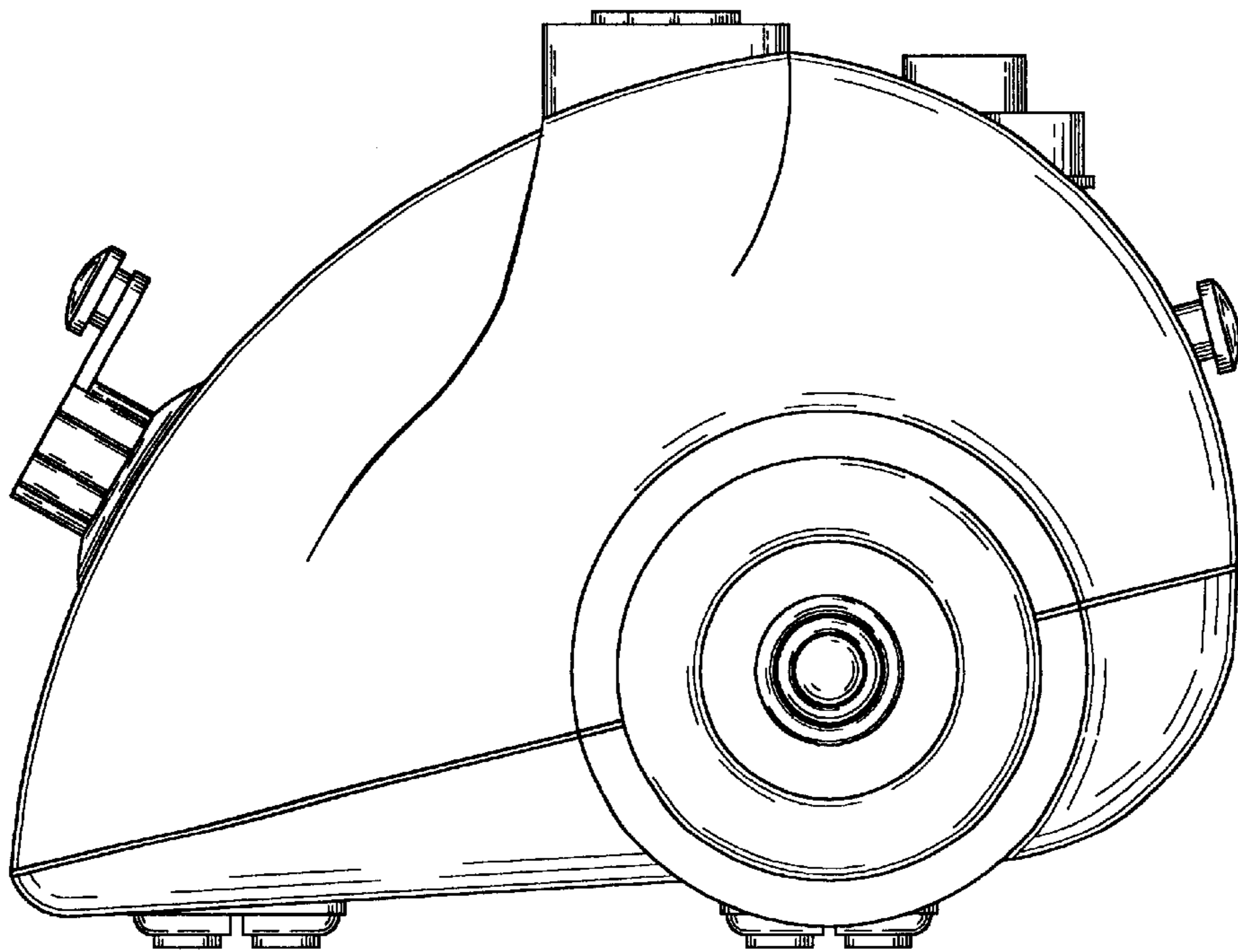


FIG.4

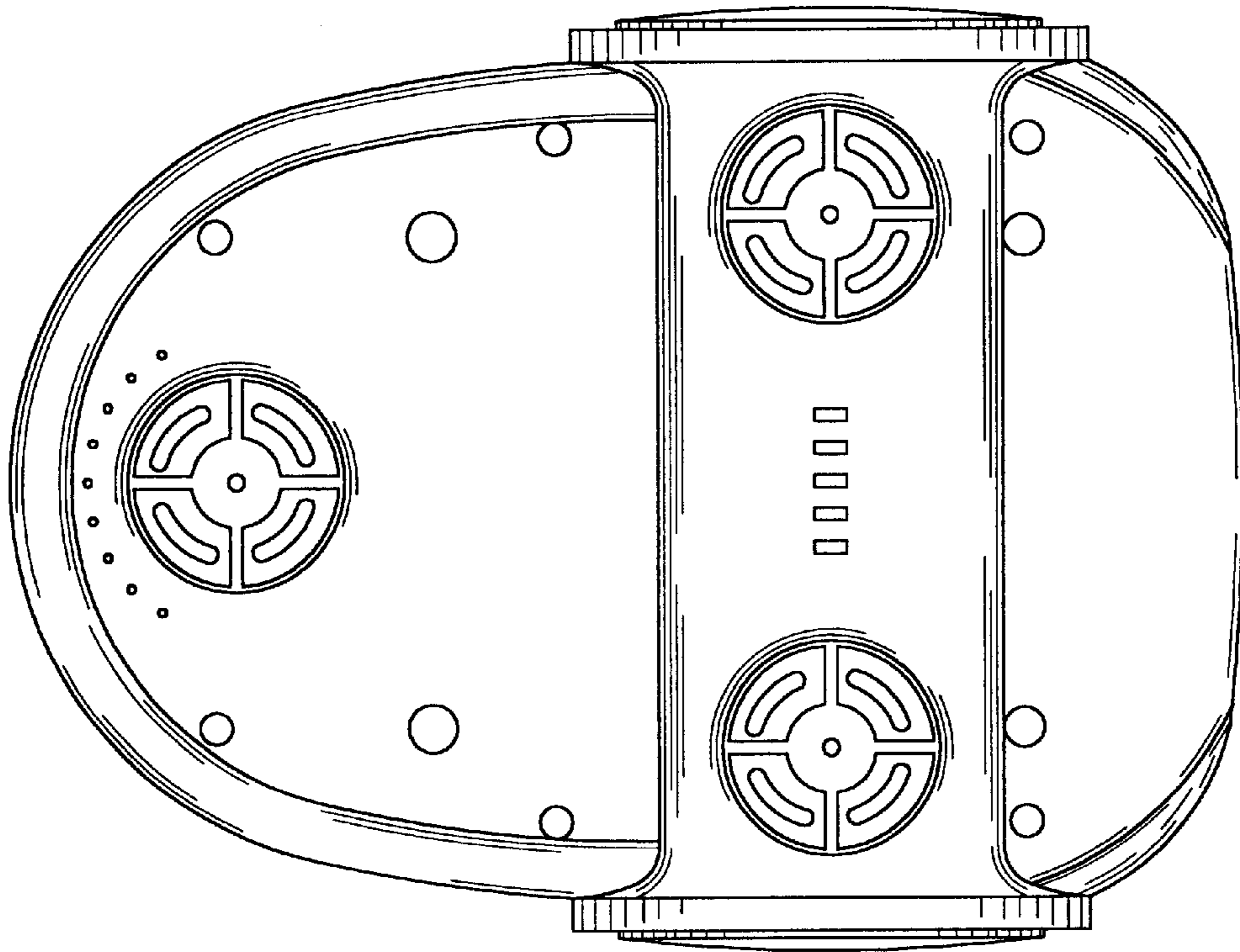


FIG. 6

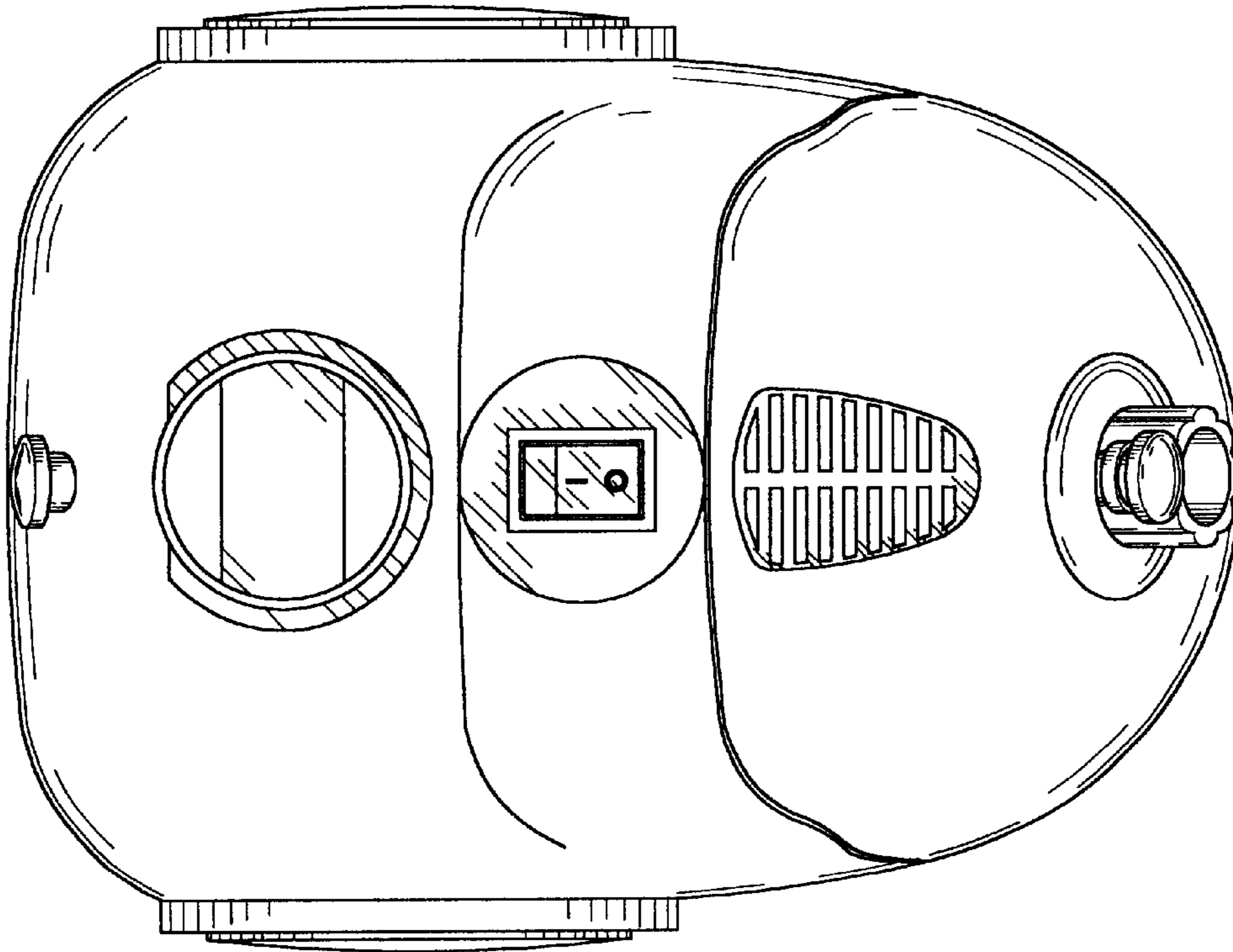


FIG. 5

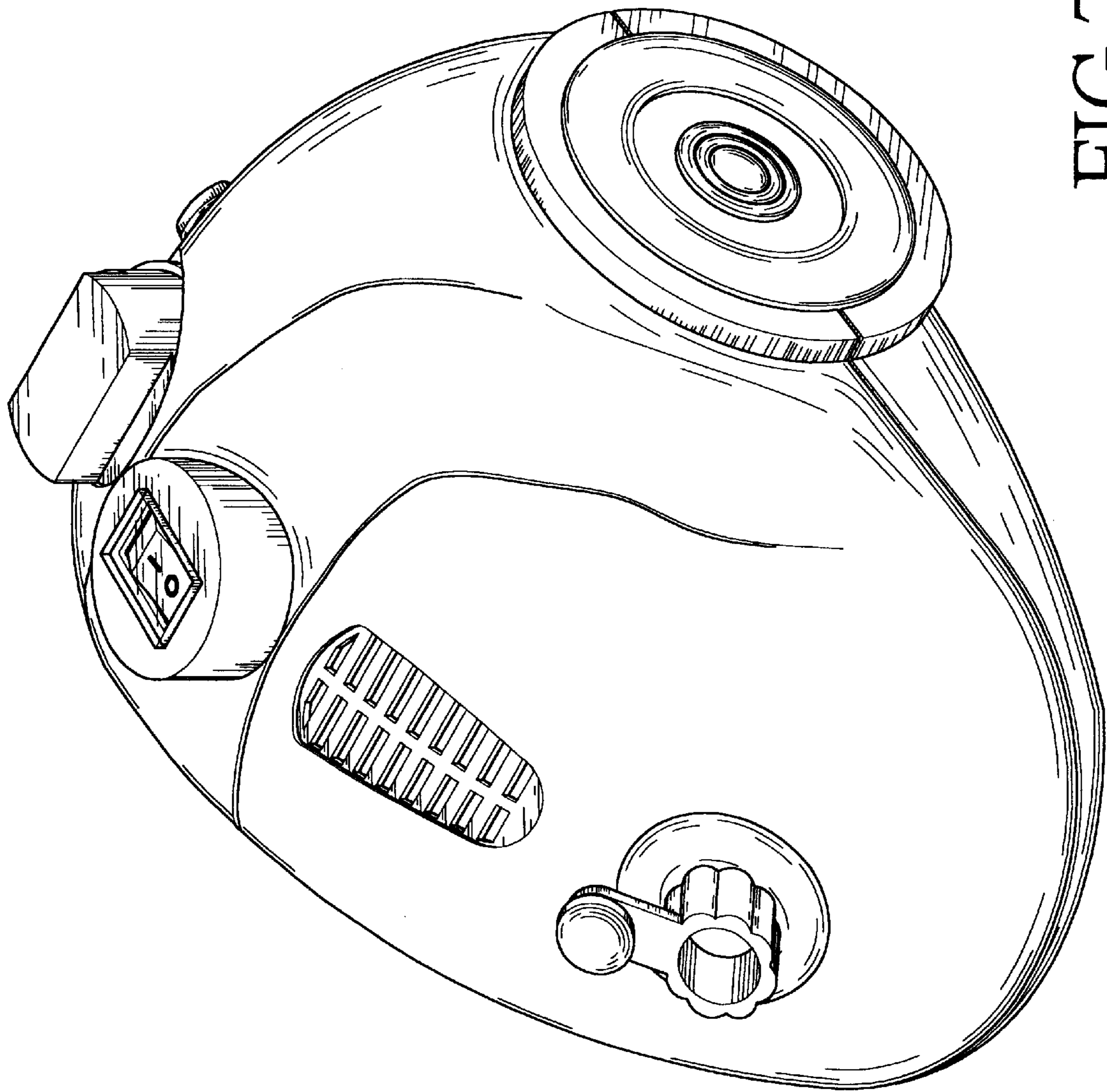


FIG. 7