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

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(54) **VACUUM CLEANER**

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(73) Assignee: **Samsung Electronics Co., Ltd.**, Suwon-si (KR)

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

(21) Appl. No.: **29/331,722**

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

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

(58) **Field of Classification Search** ..... D32/21-24,  
D32/31; 15/327.1, 327.2, 327.4-327.7, 344,  
15/353, 320-321, 412

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 top, front and right-side 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;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 5 Drawing Sheets**

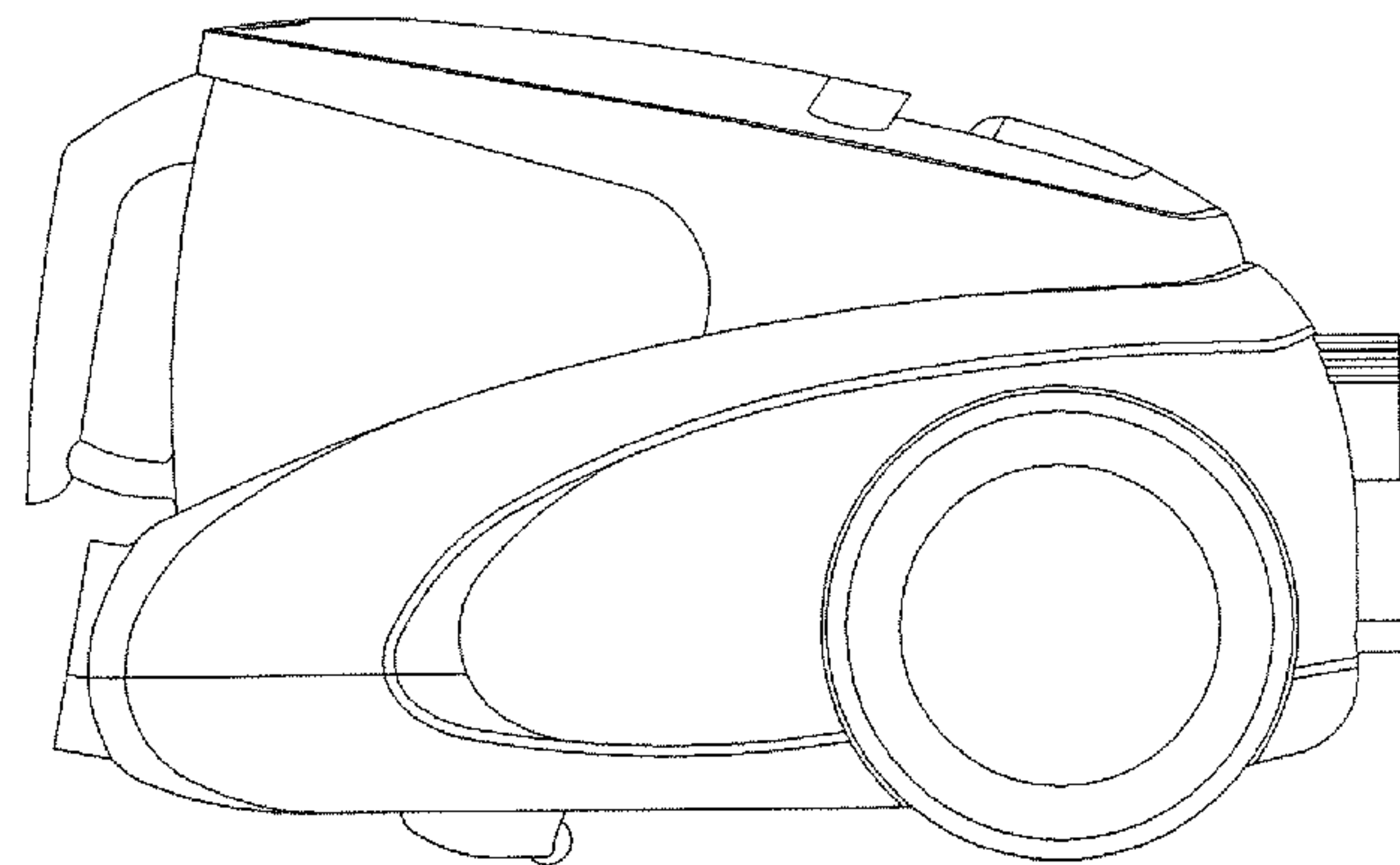
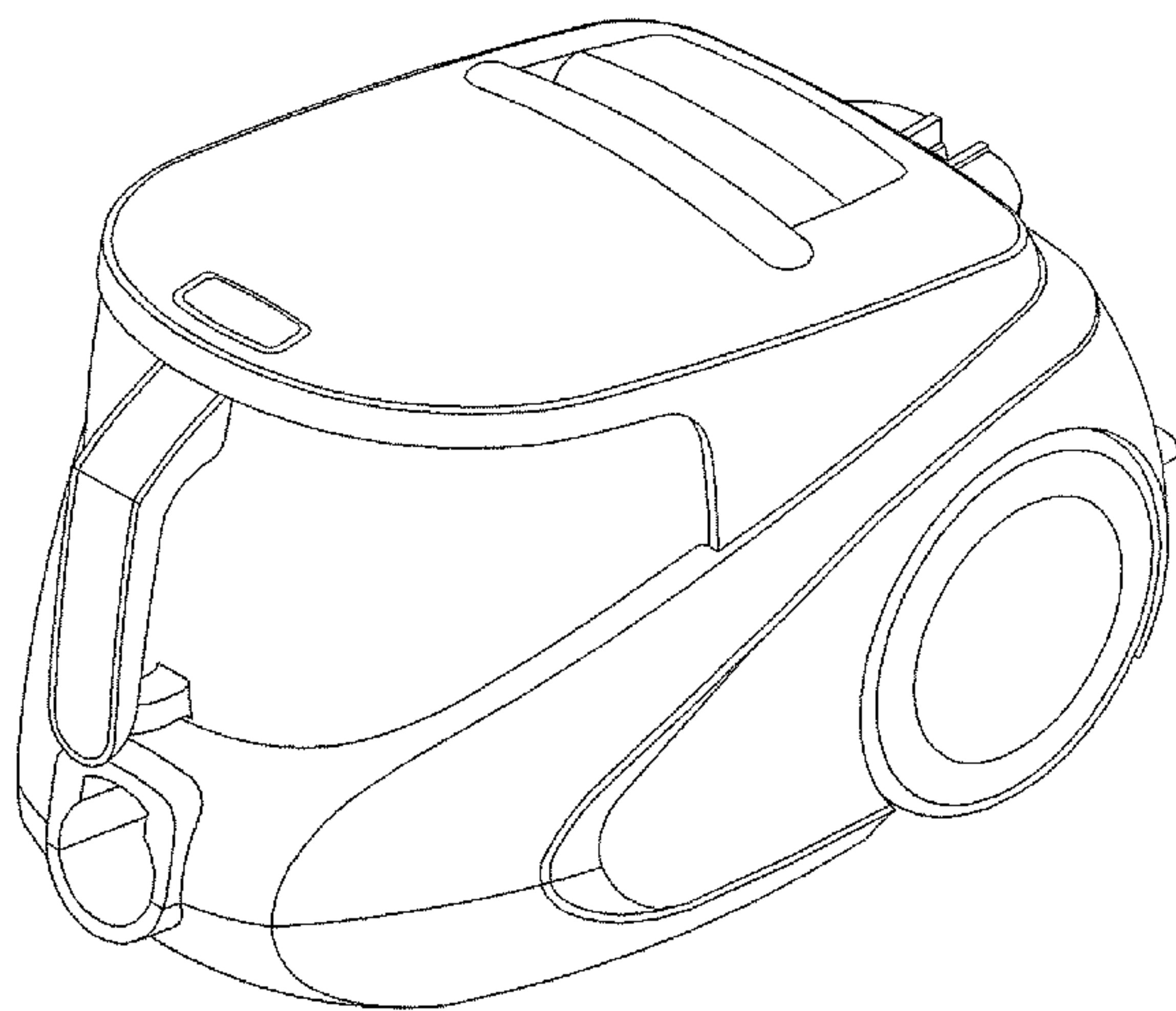


FIG. 1

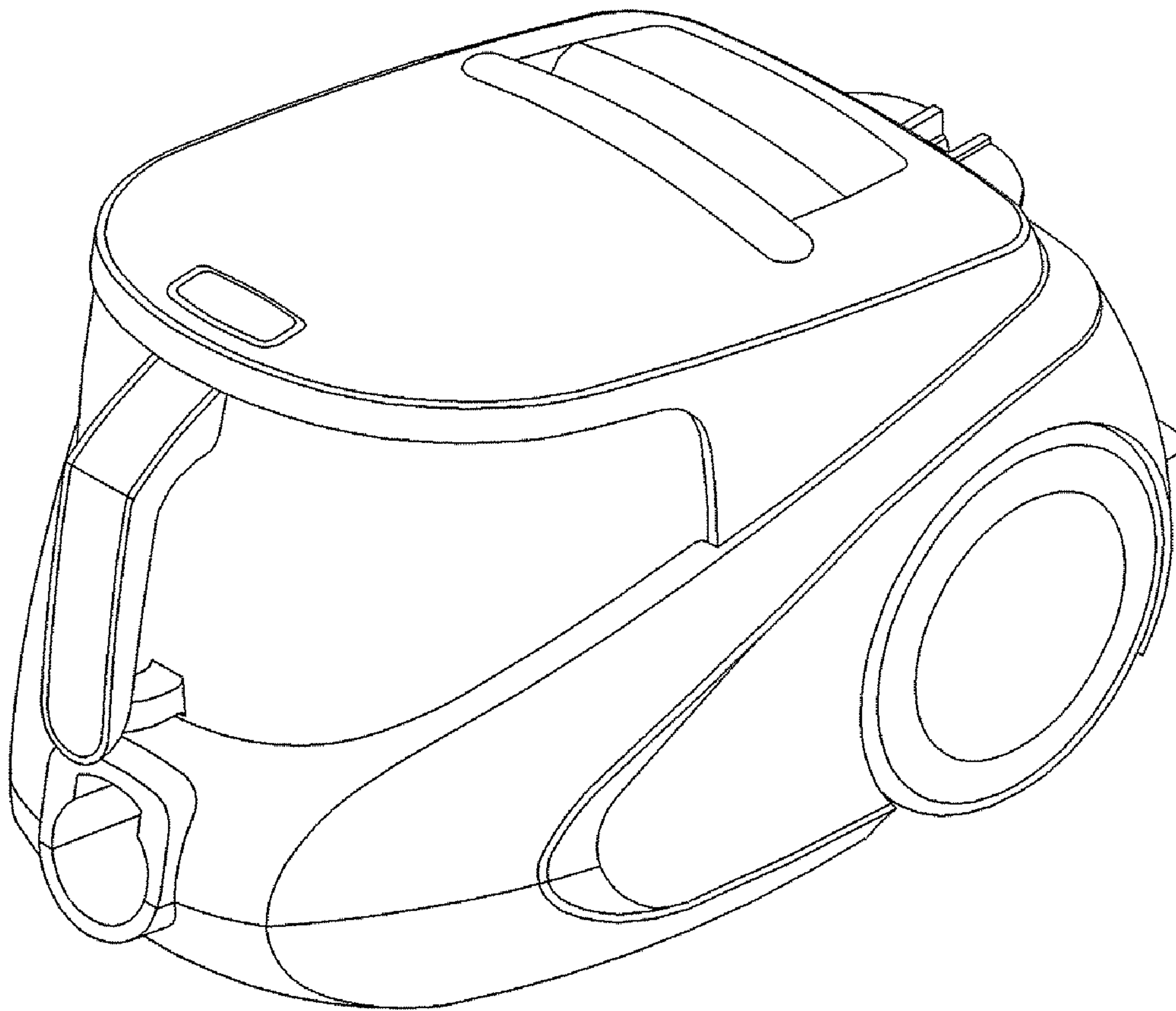


FIG. 2

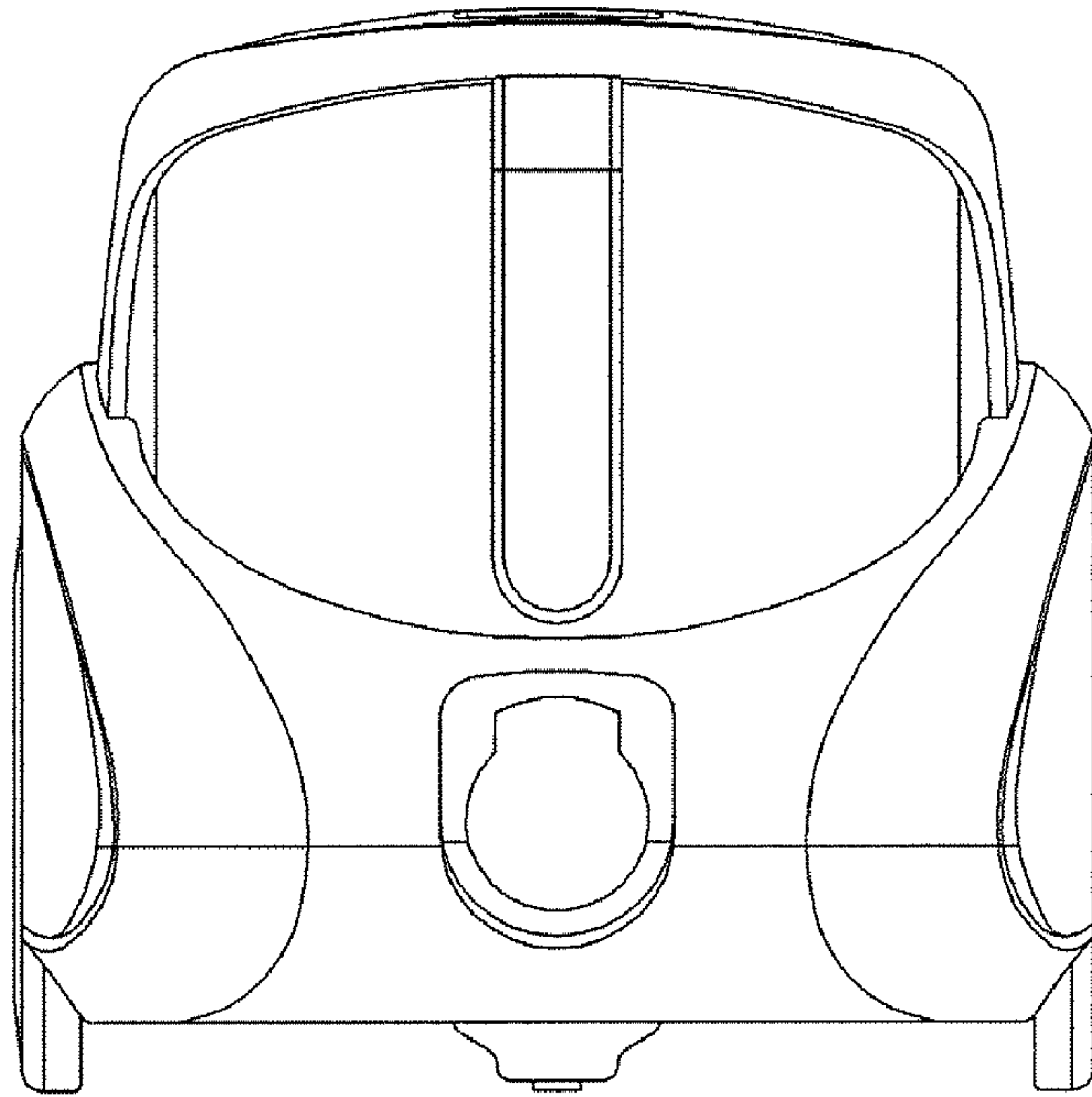


FIG. 3

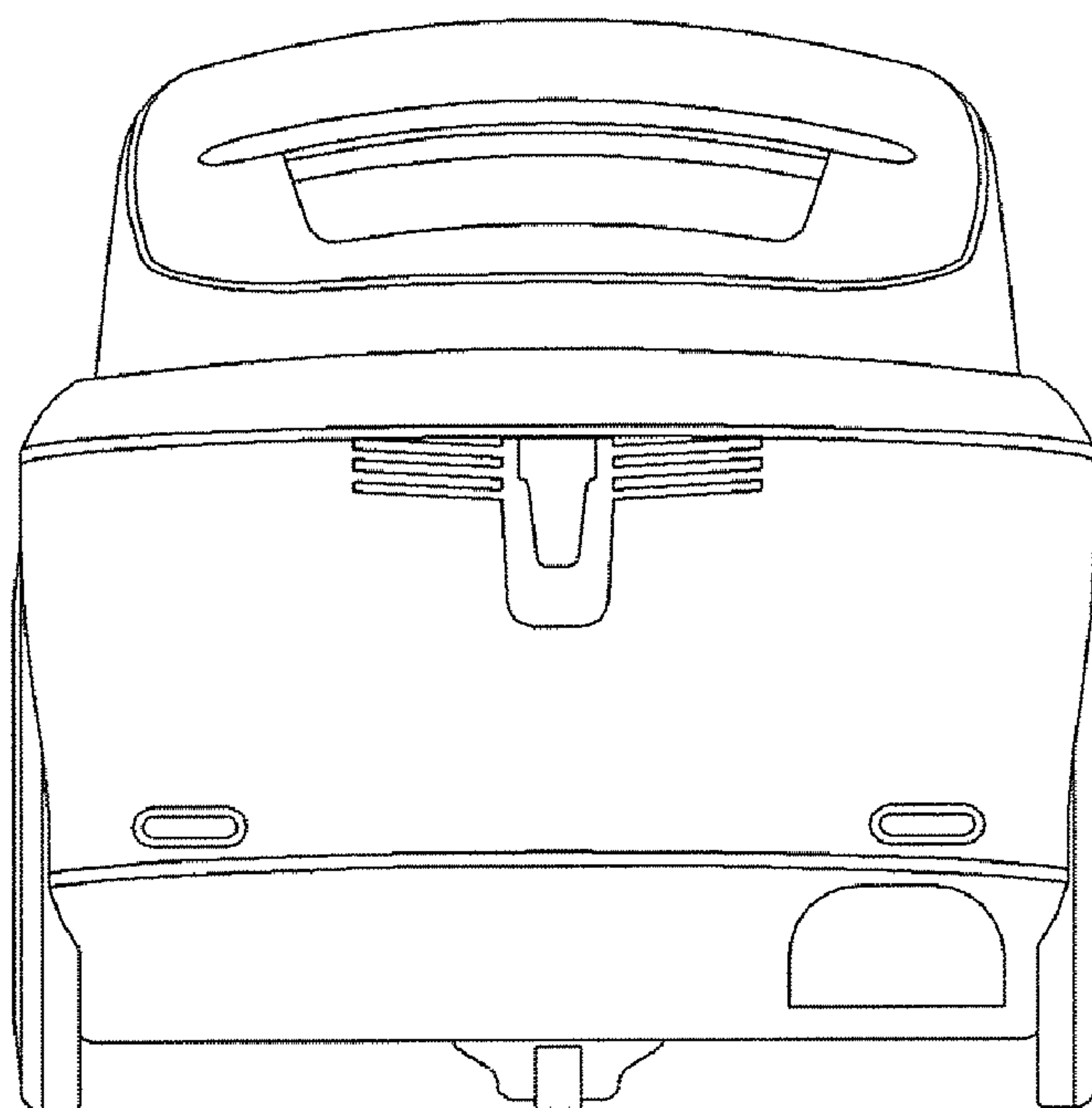


FIG. 4

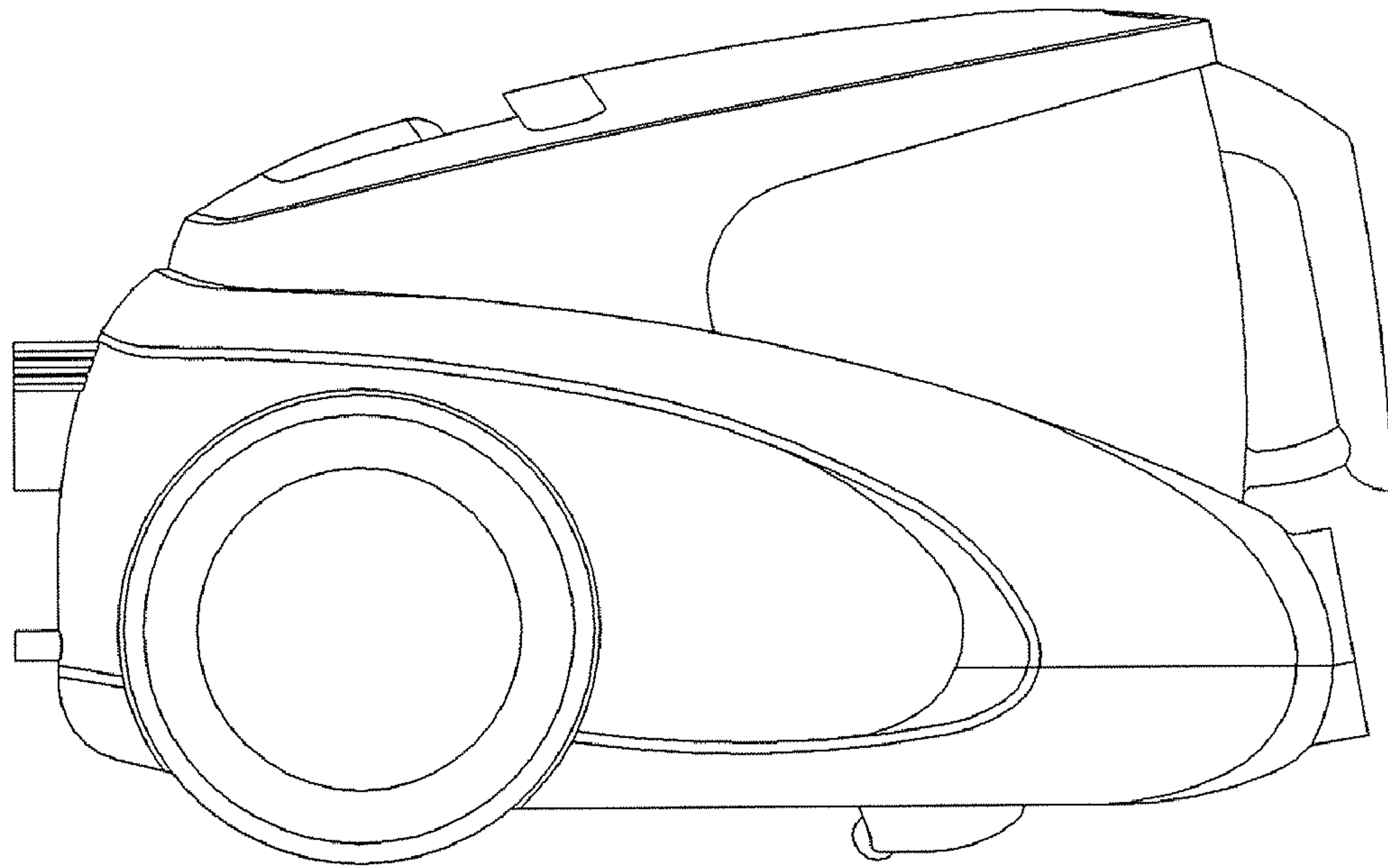


FIG. 5

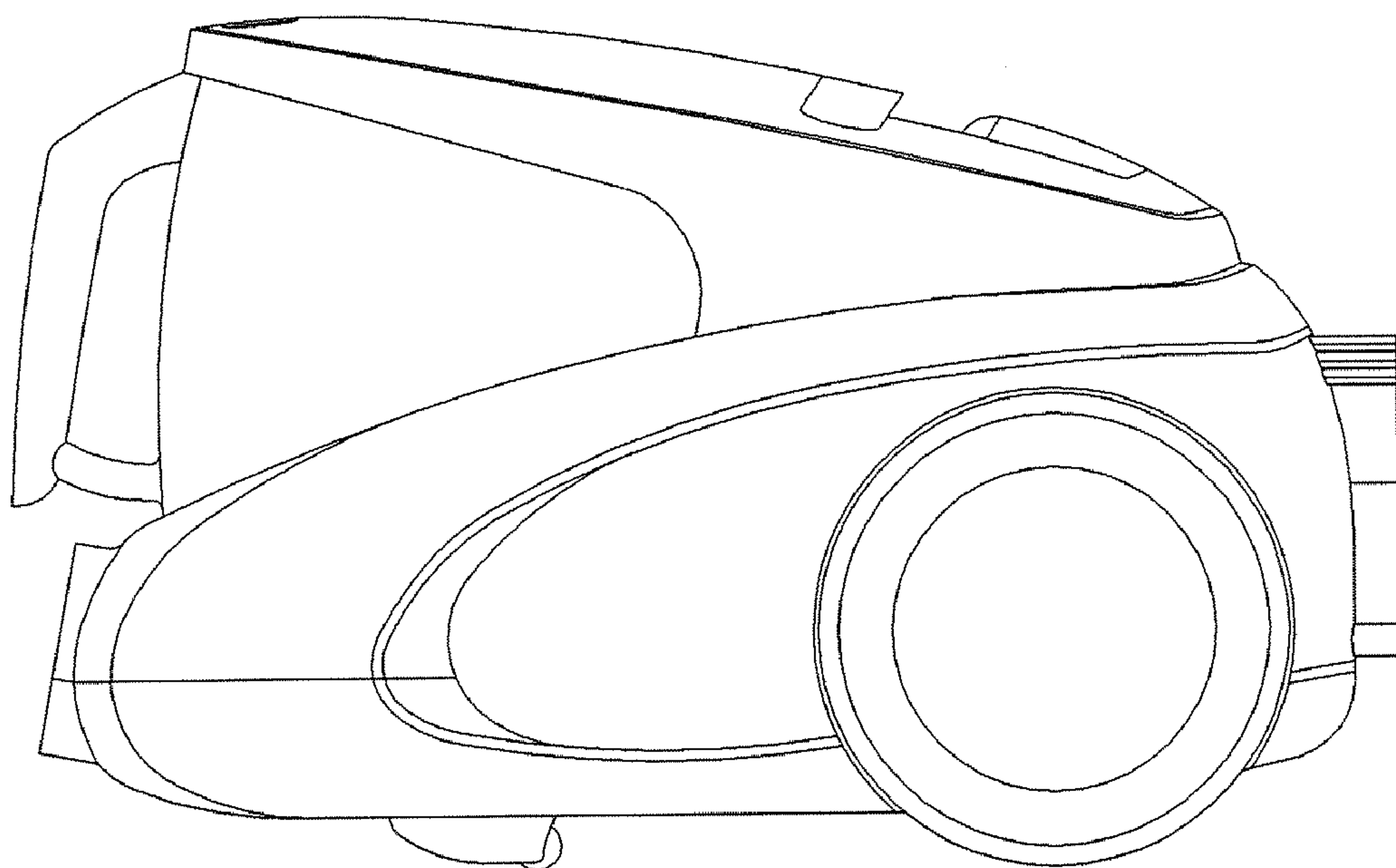
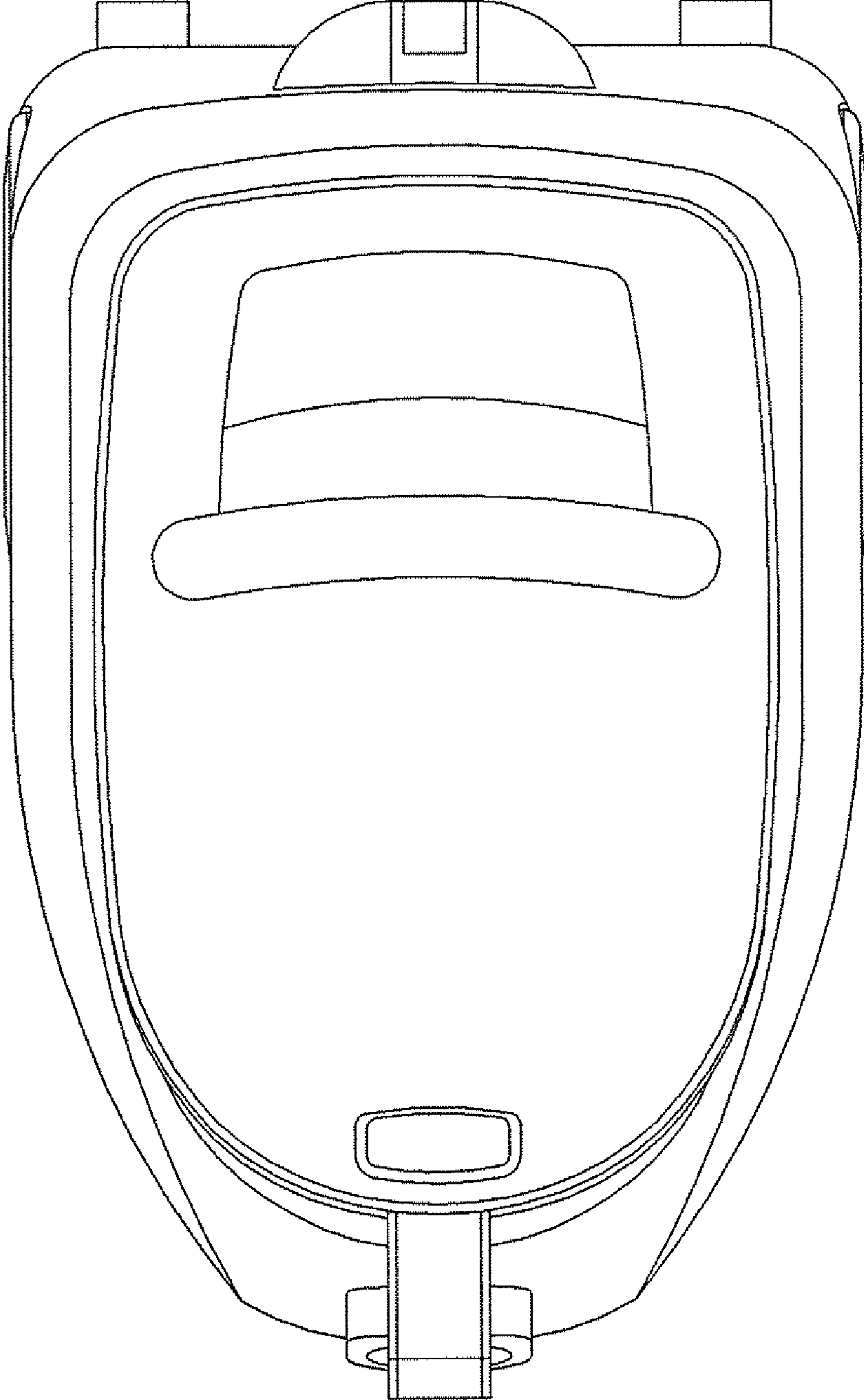




FIG. 6



**FIG. 7**

