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United States Patent [19] Lin

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[54] **VACUUM CLEANER**

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[**] Term: **14 Years**

[21] Appl. No.: **29/082,002**

[22] Filed: **Jan. 13, 1998**

[51] **LOC (6) Cl.** **15-05**

[52] **U.S. Cl.** **D32/21**

[58] **Field of Search** D32/21, 23, 24;
15/320-321, 327.1, 327.2, 327.6, 327.7,
347

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Primary Examiner—Ruth McInroy
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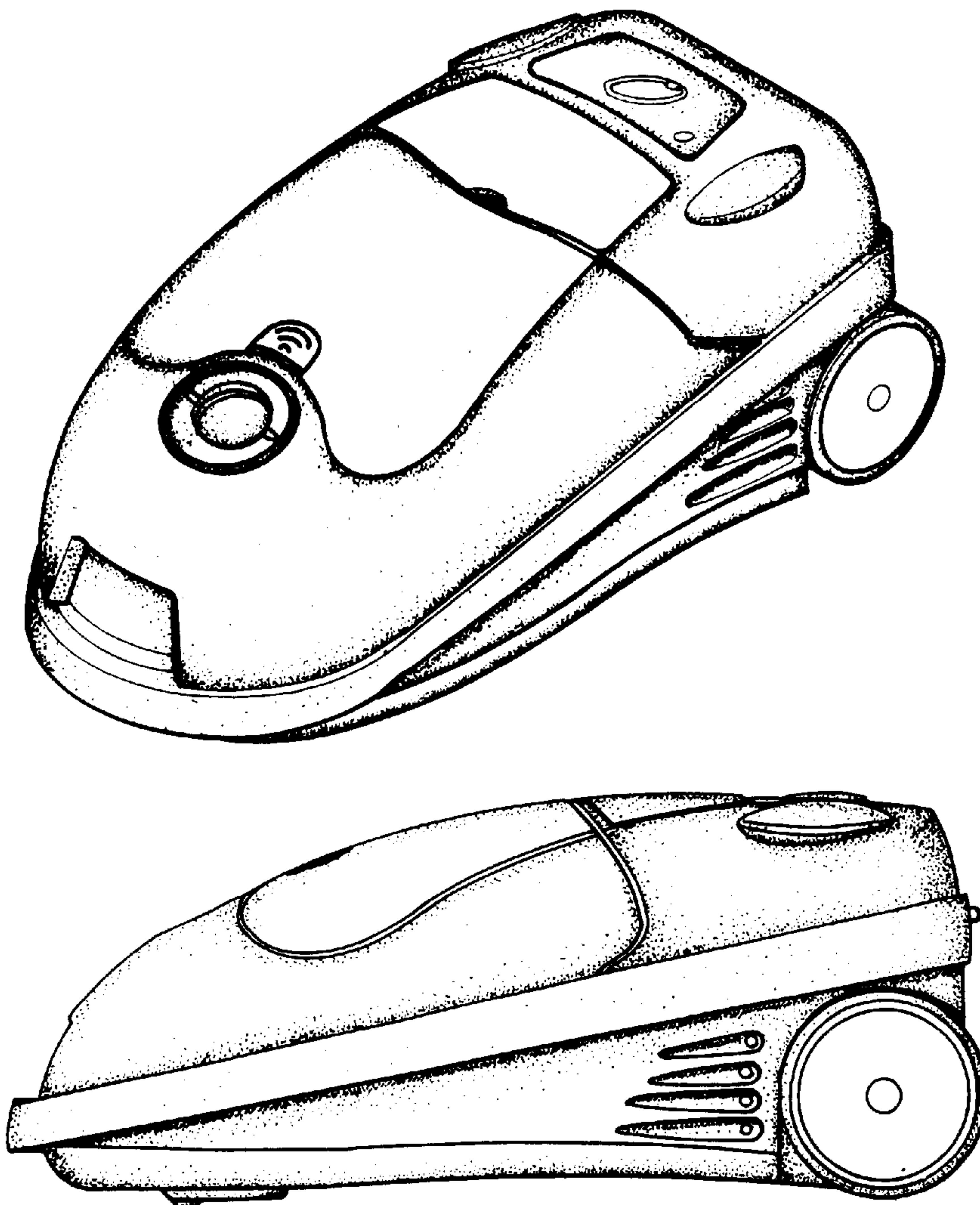
[57] **CLAIM**

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

DESCRIPTION

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

1 Claim, 4 Drawing Sheets



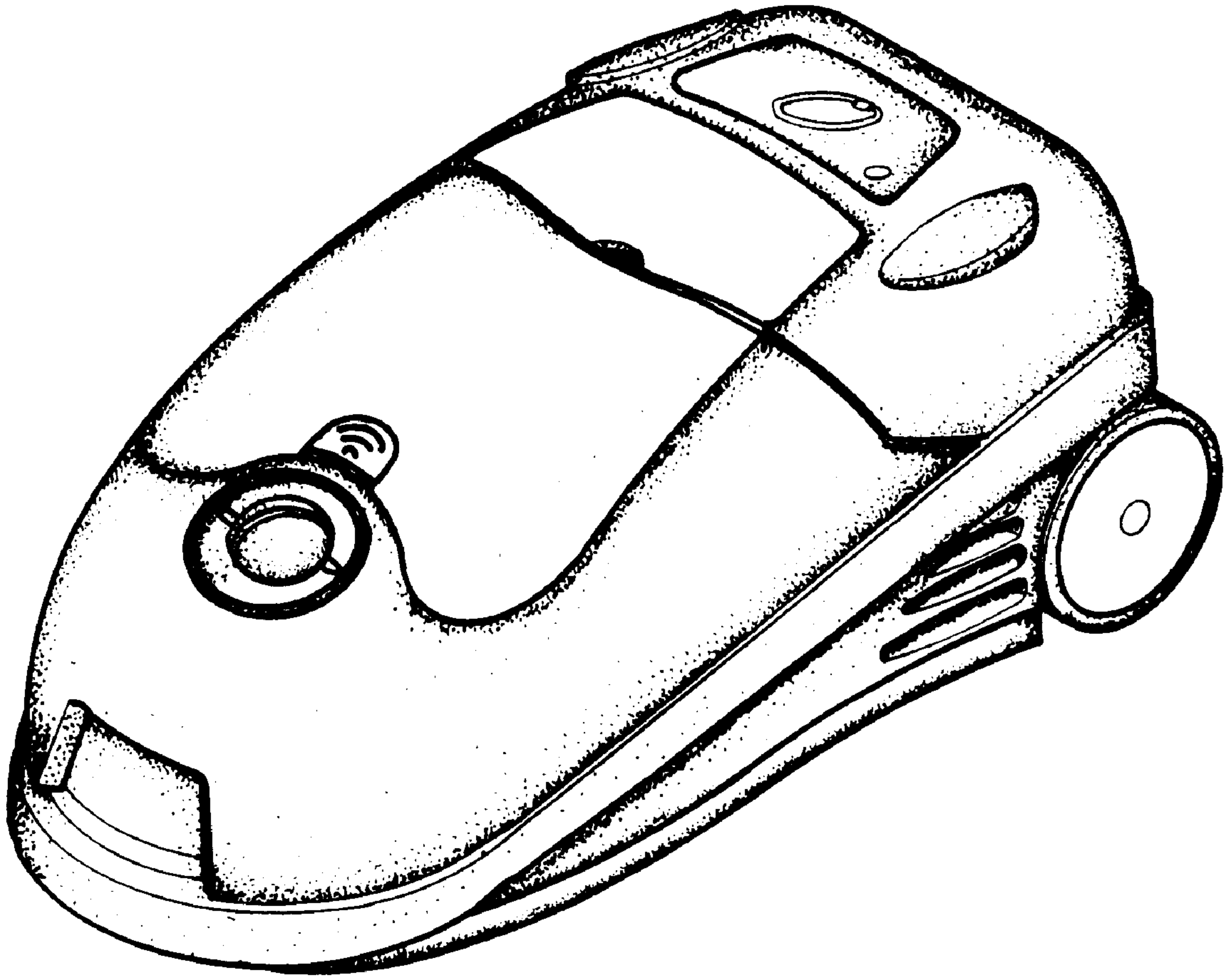


FIG. 1

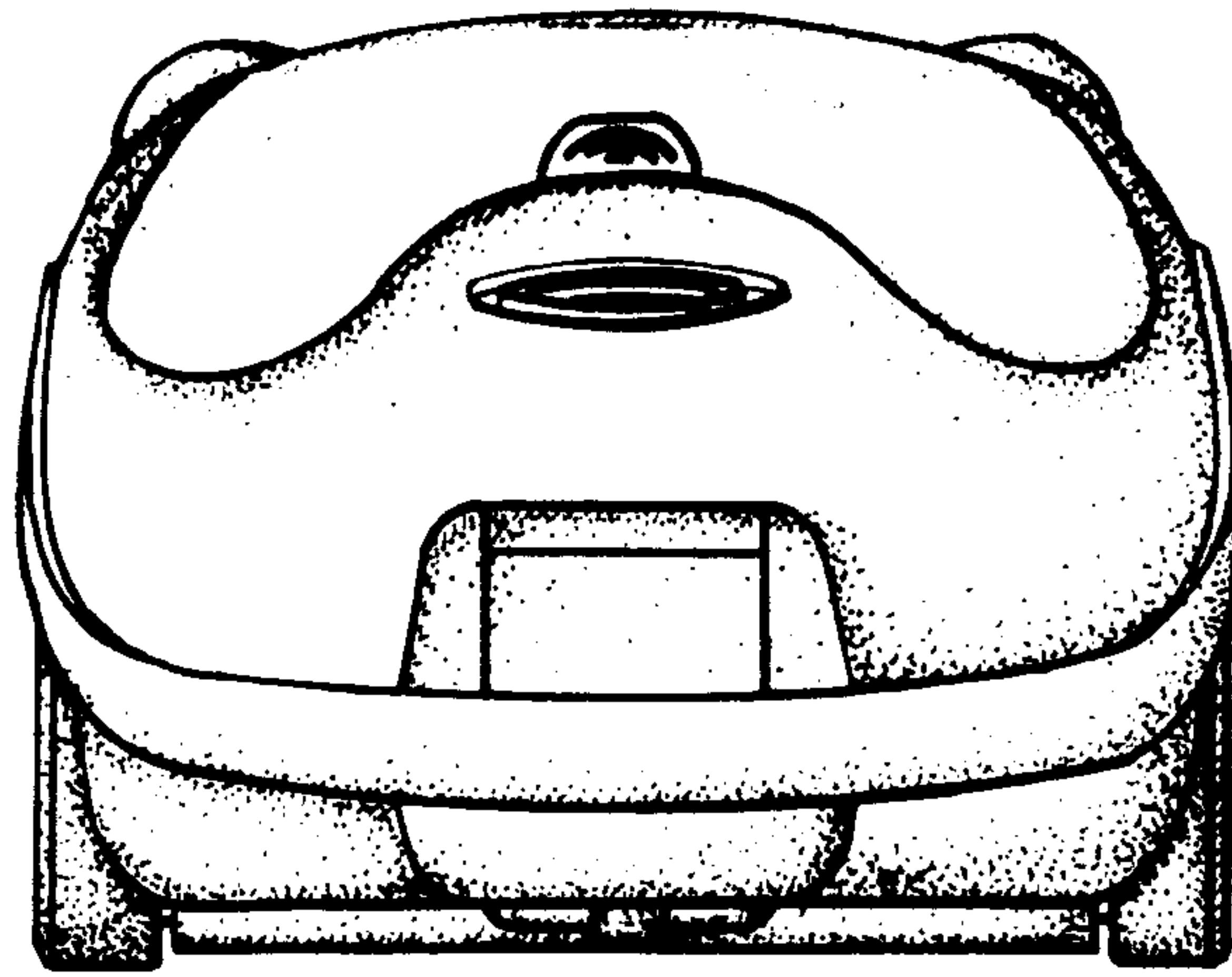


FIG. 2

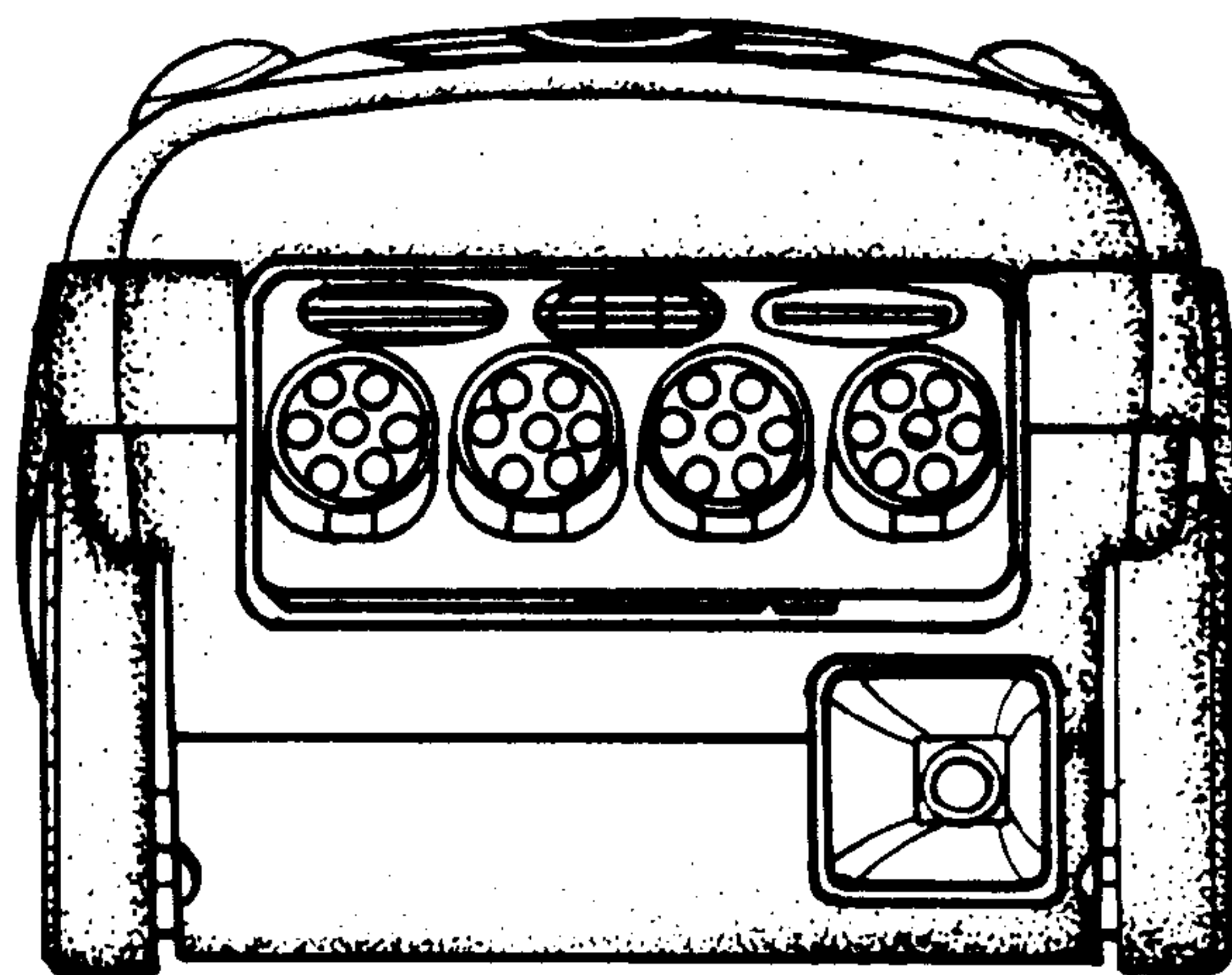


FIG. 3

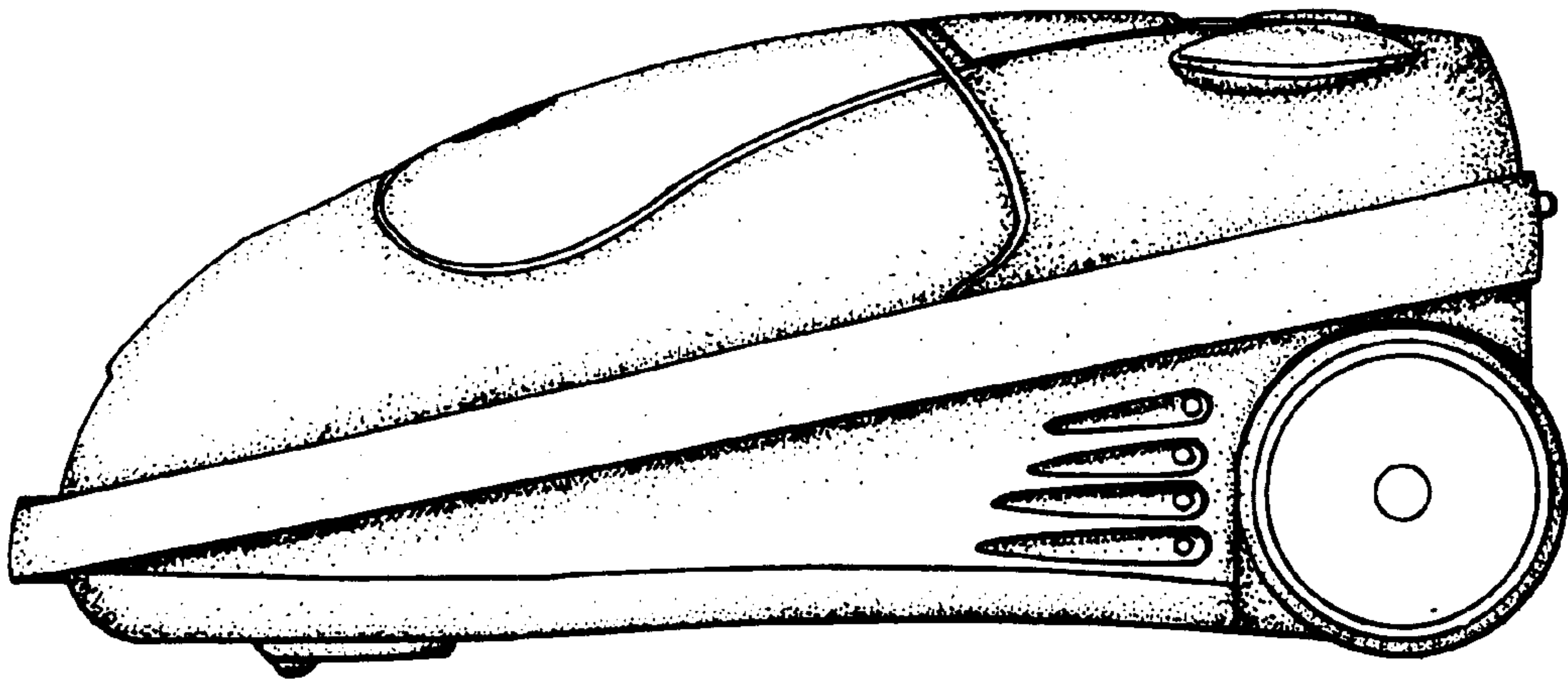


FIG. 5

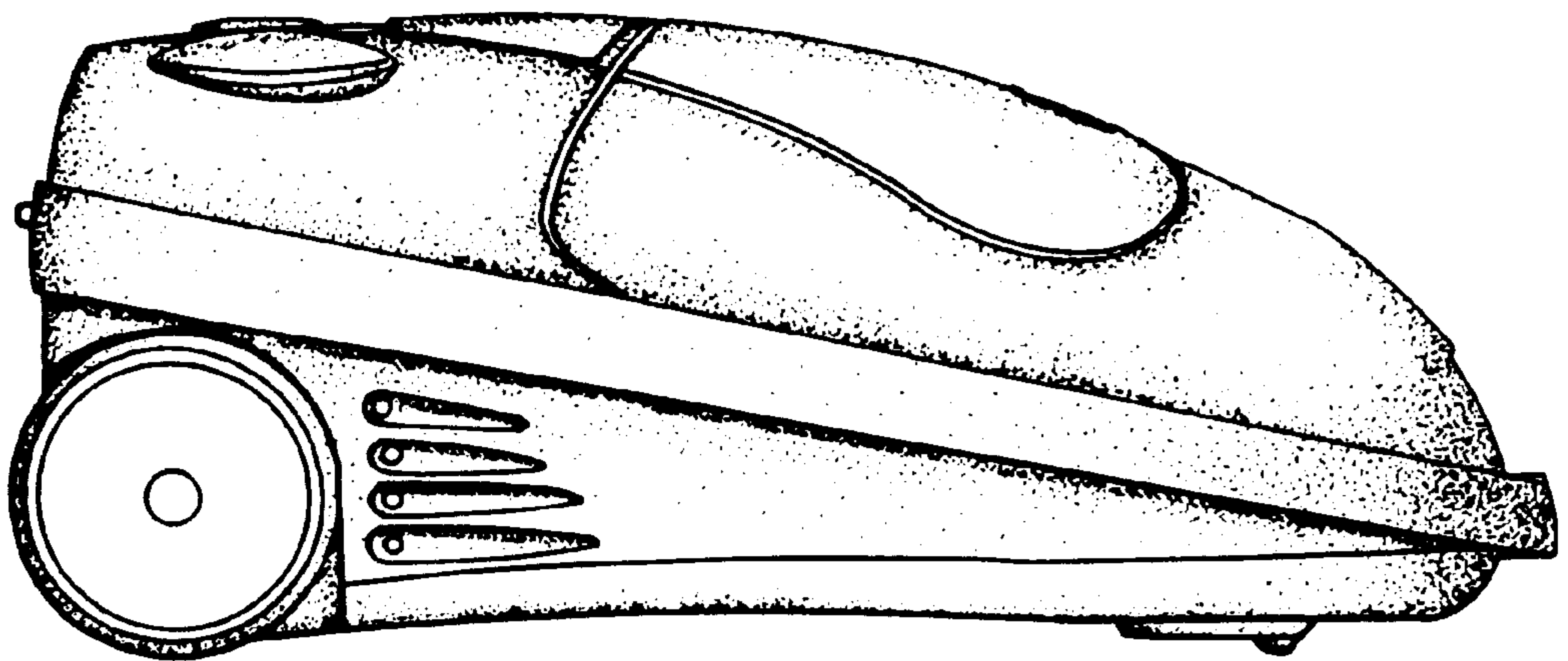


FIG. 4

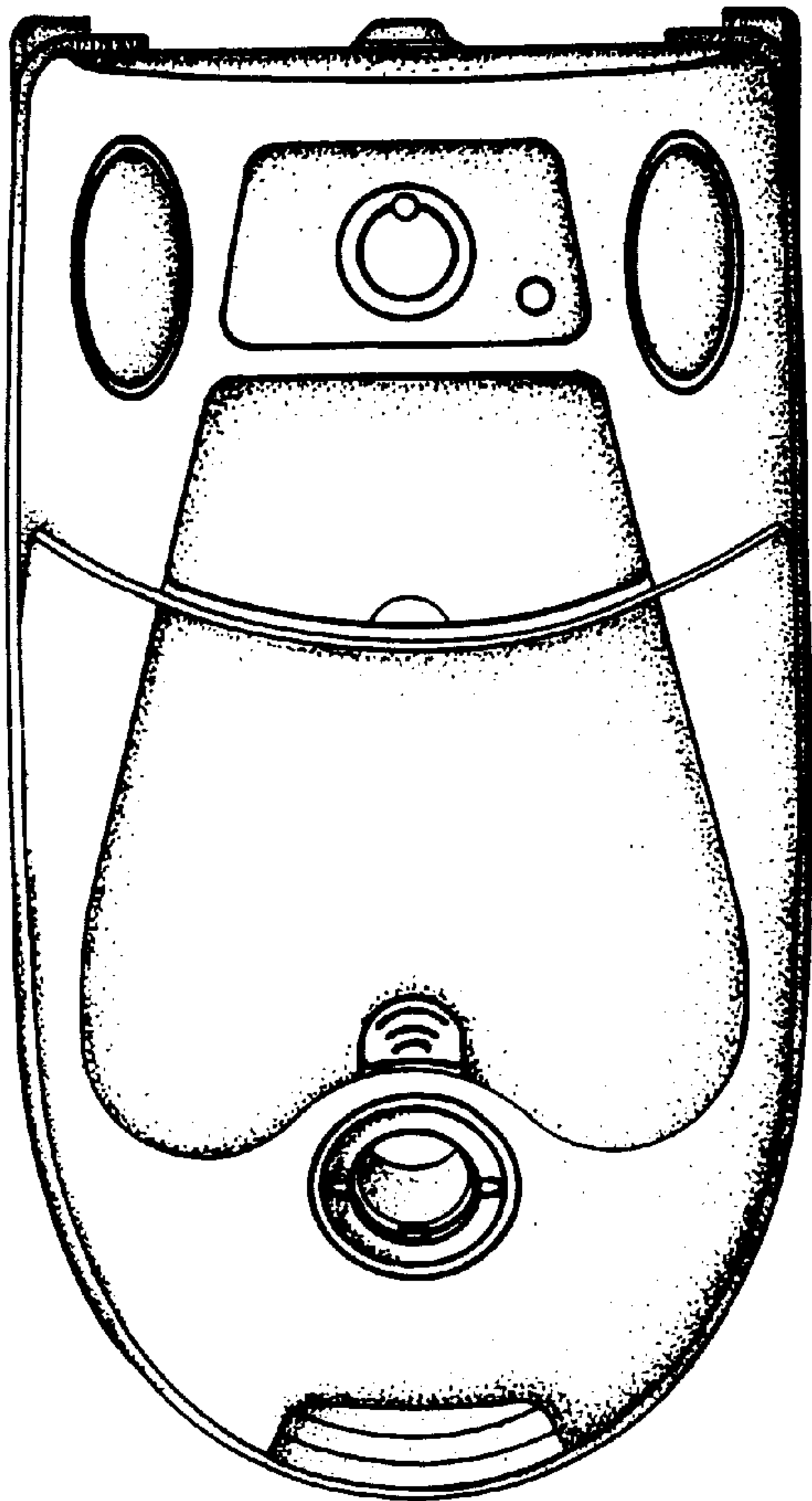


FIG. 6

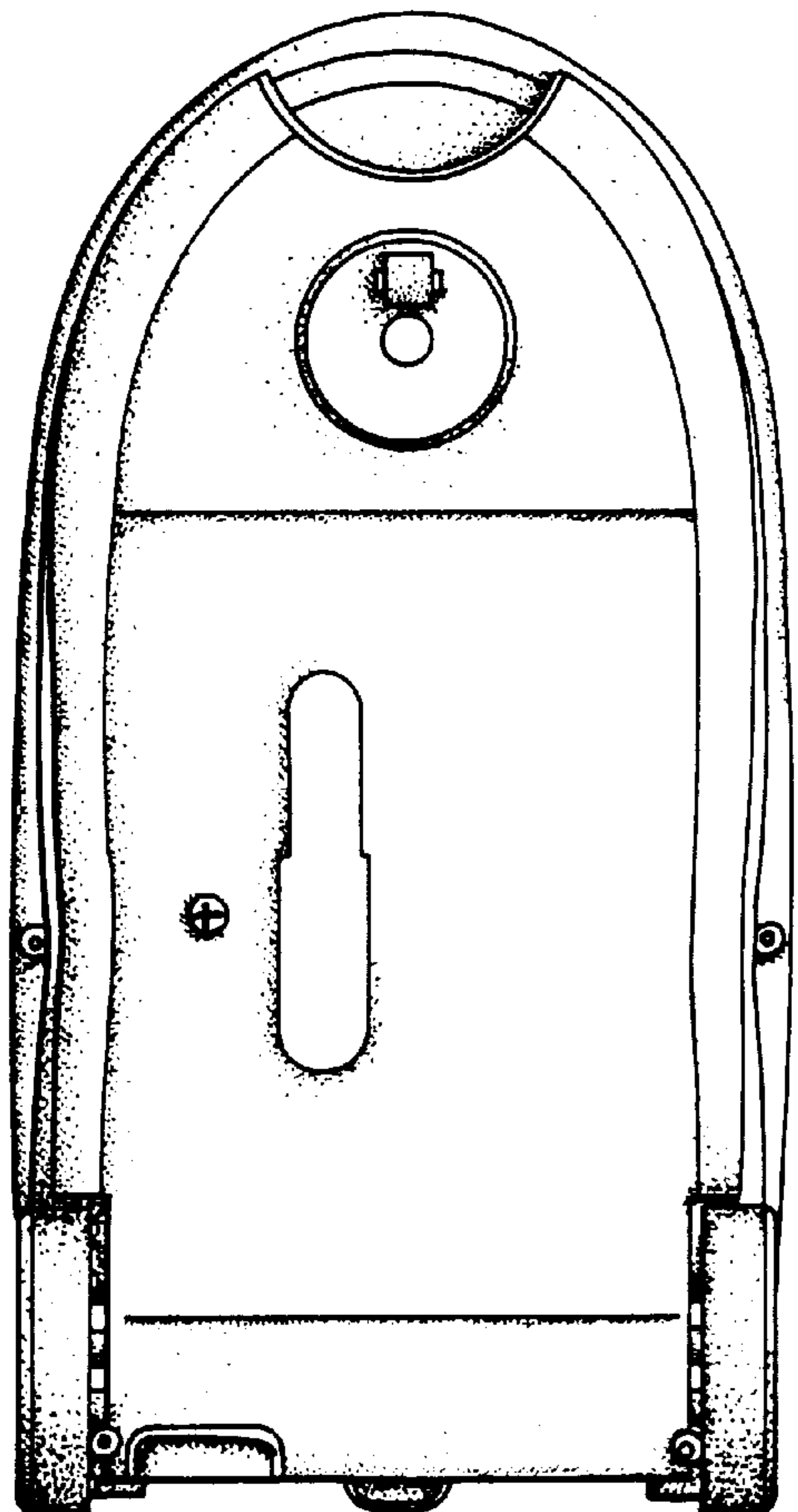


FIG. 7