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

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(54) **VACUUM CLEANER**

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(73) **Assignee:** **A K Industrial Co., Ltd., Kowloon (HK)**

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

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

(52) **U.S. Cl.** **D32/18**

(58) **Field of Search** D32/17-18, 21,
D32/25, 31; D28/50; D30/158, 199; D8/30;
15/344, 329, 320, 350, 352, 413, 345, 409,
32; 132/112; 68/222; 134/172, 198, 105

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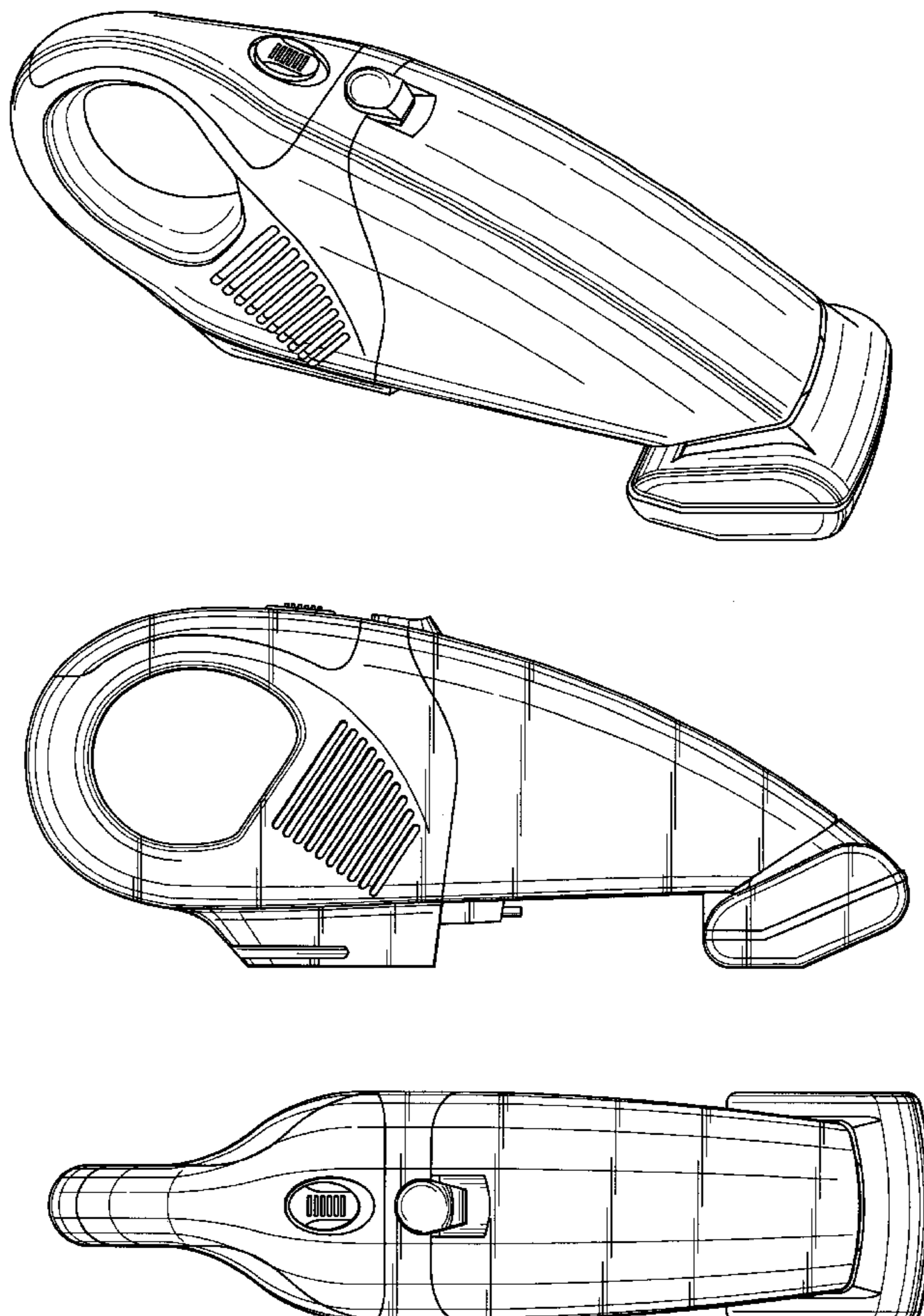
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 4 Drawing Sheets



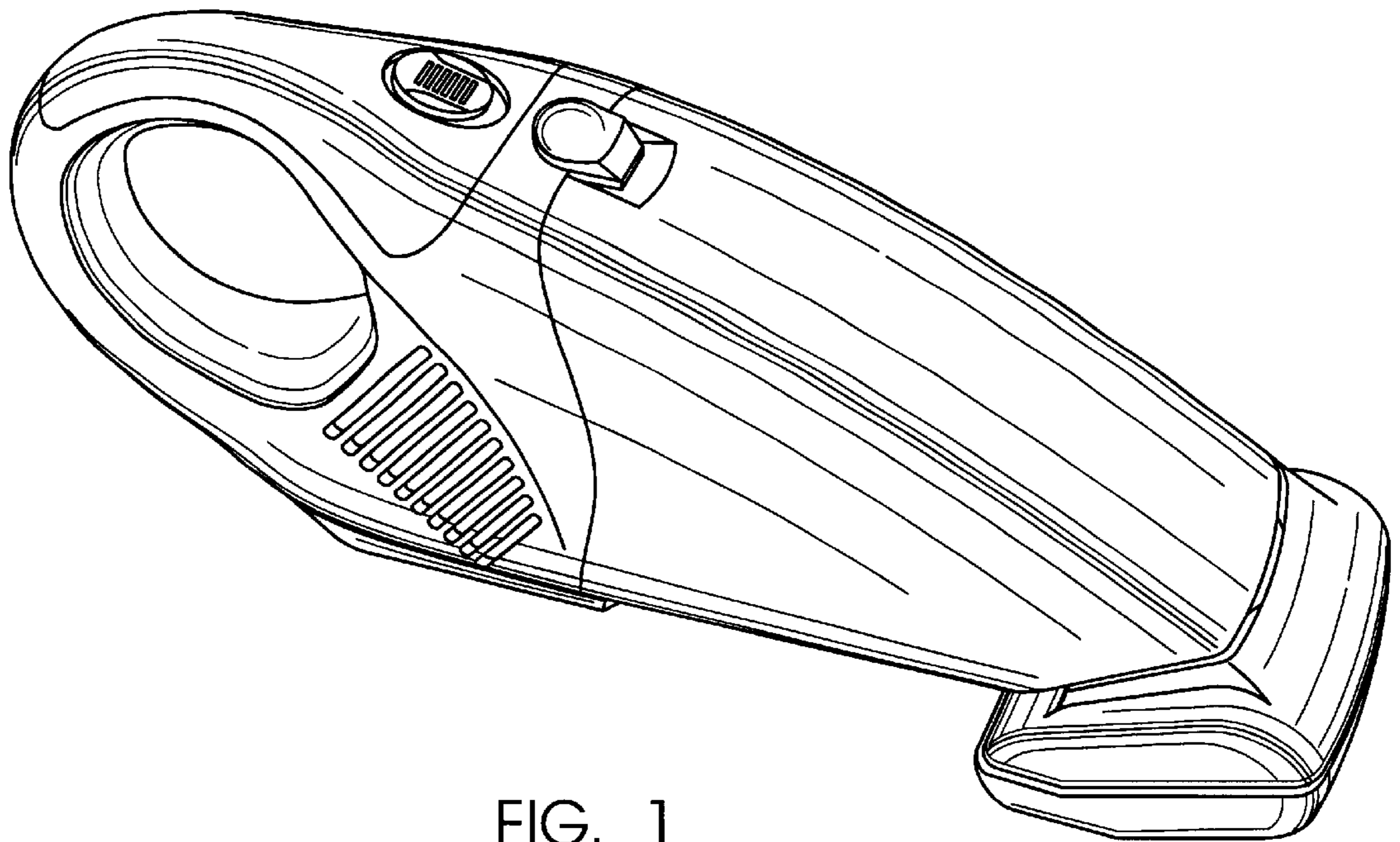


FIG. 1

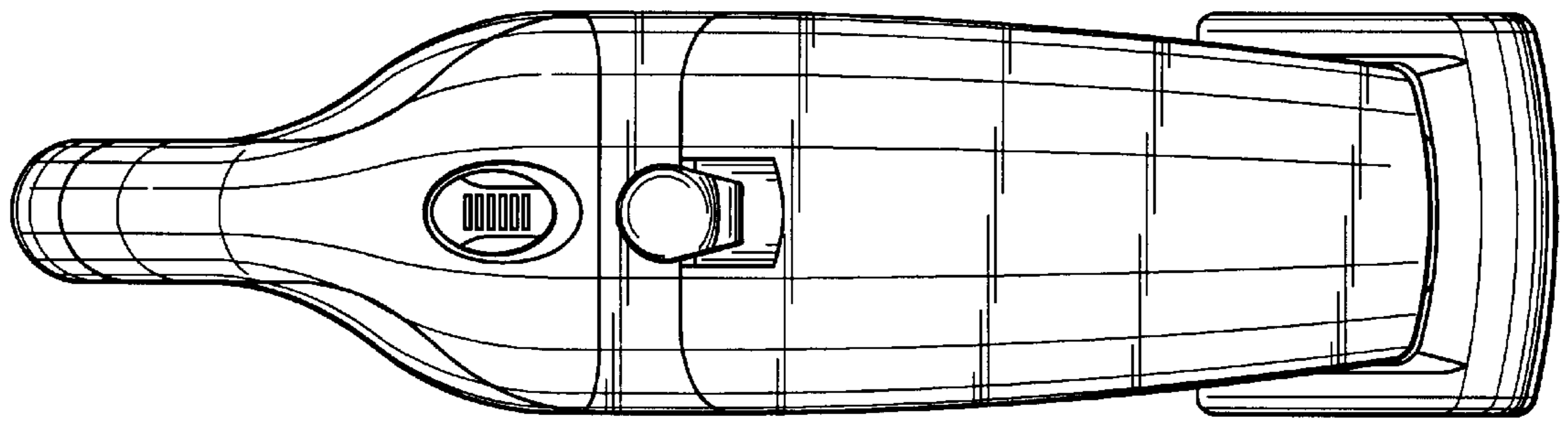


FIG. 3

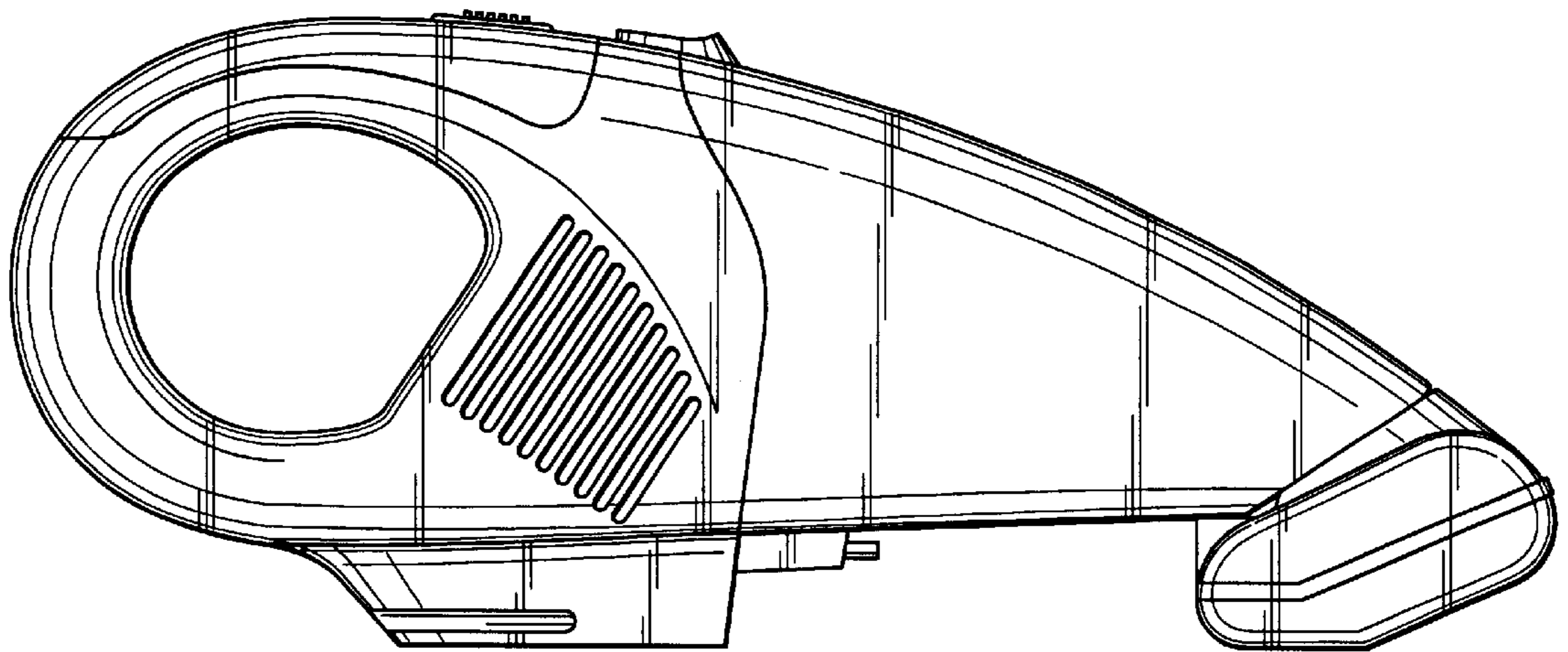


FIG. 2

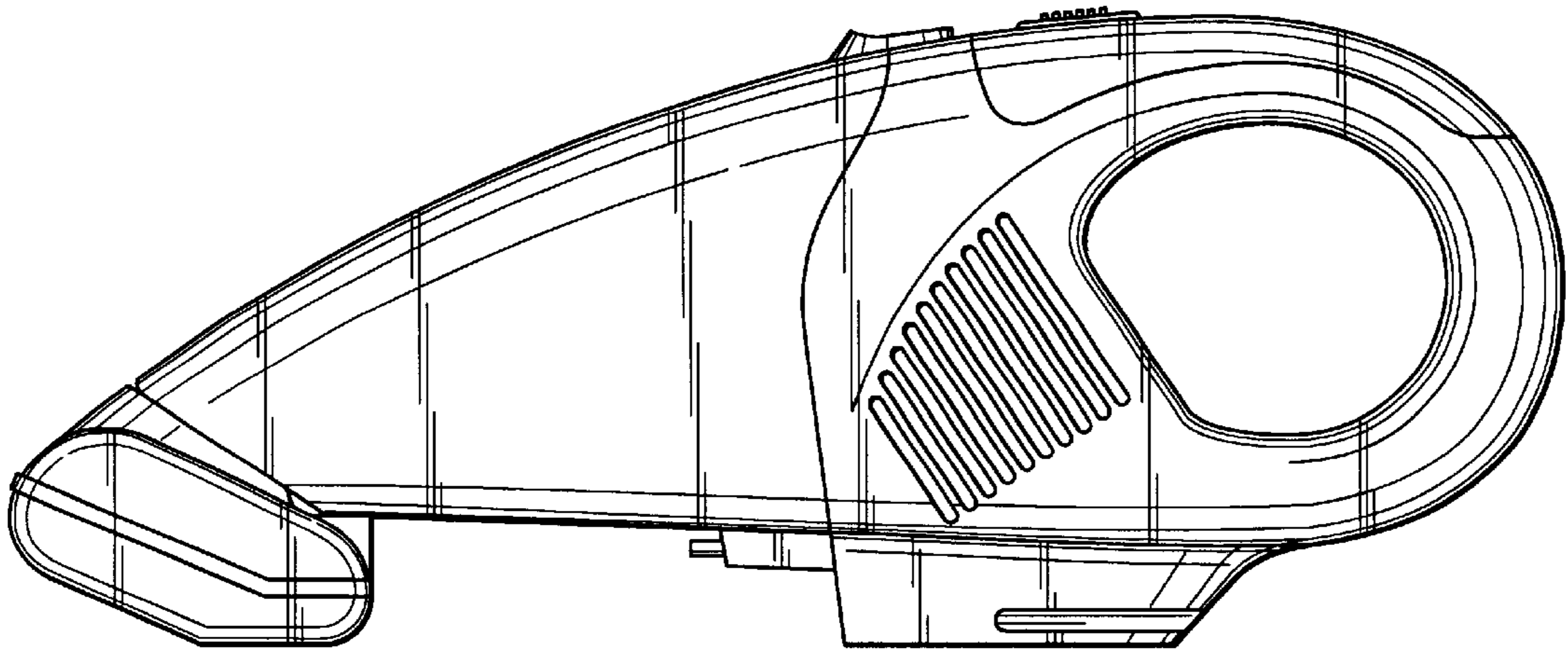


FIG. 4

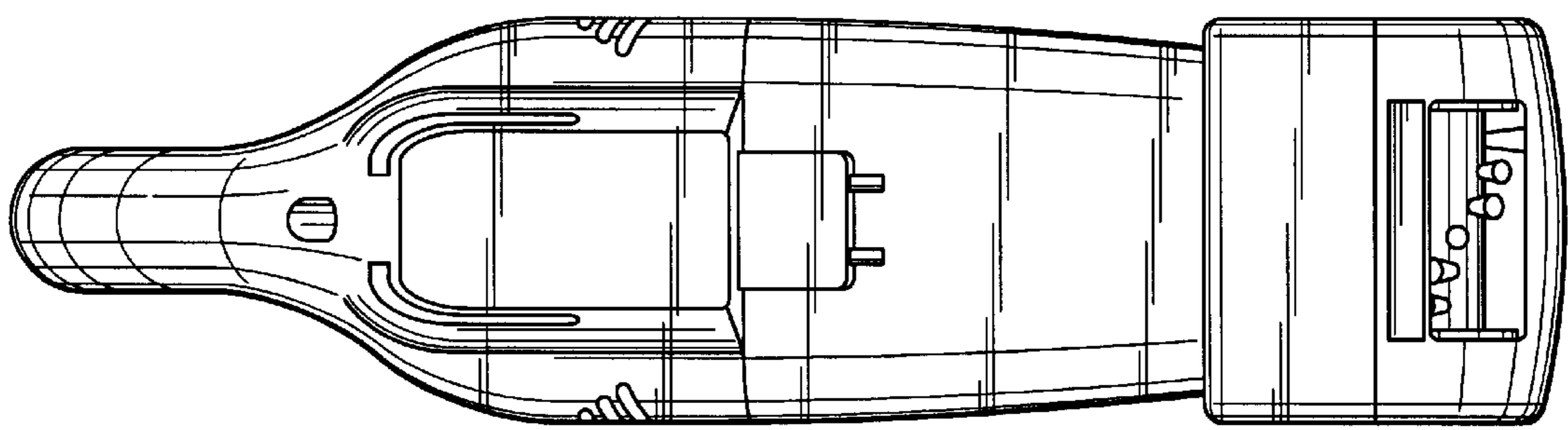


FIG. 5

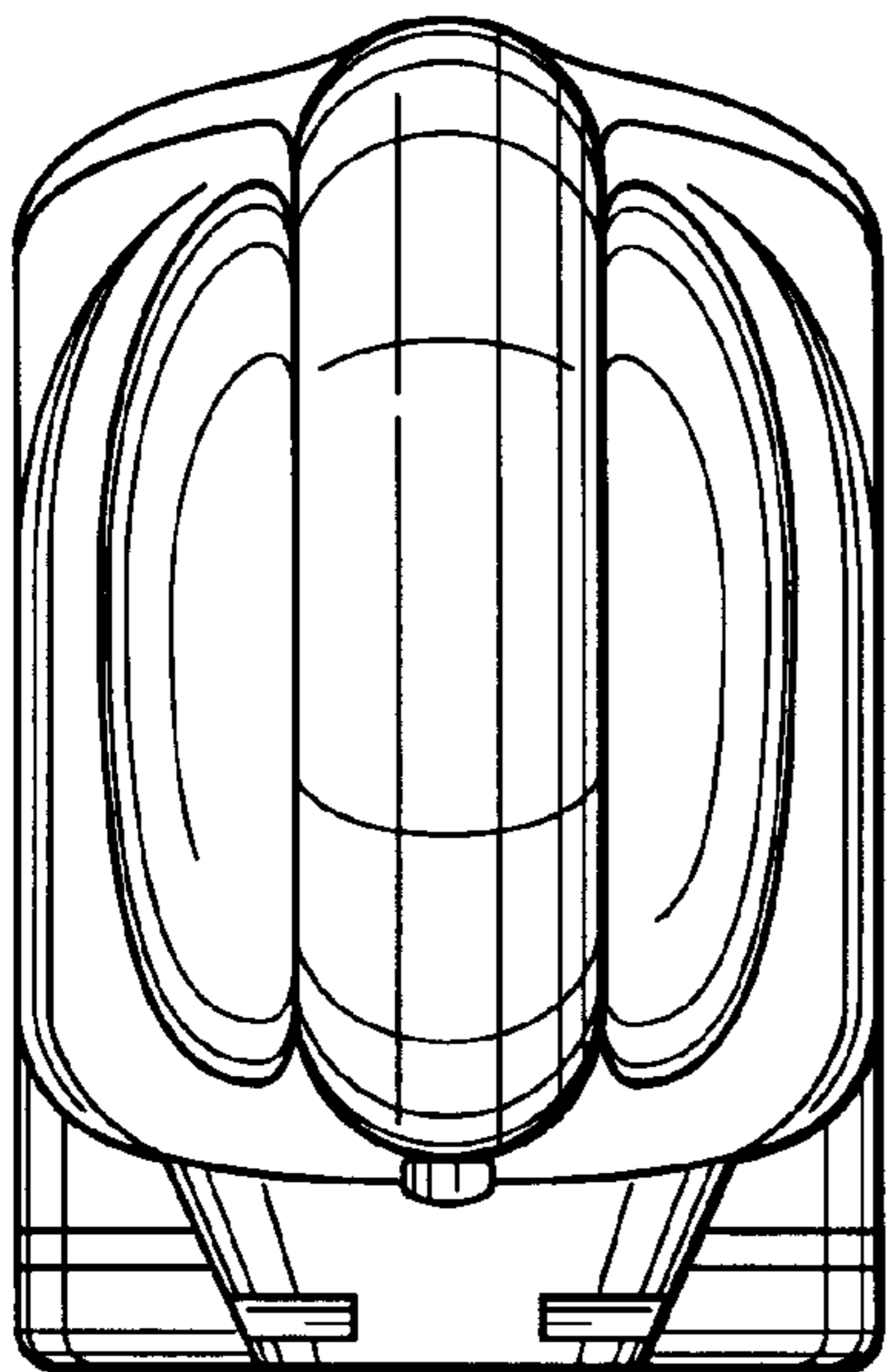


FIG. 6

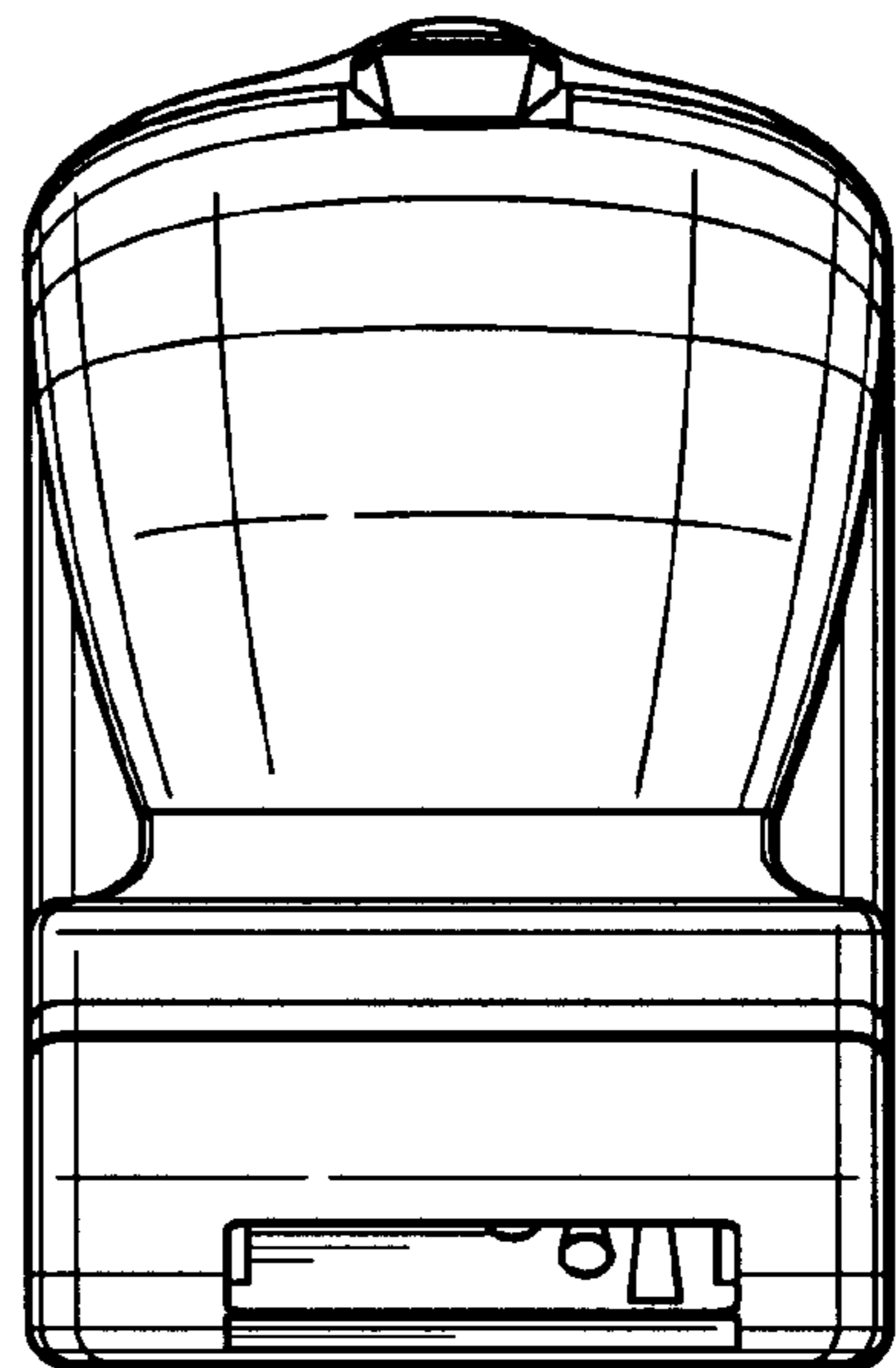


FIG. 7