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United States Patent [19]

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Phelan

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[54] **HAND-HELD VACUUM CLEANER**

4,513,470 4/1985 Toya 15/344
4,573,234 3/1986 Kochte et al. D32/18

[75] Inventor: **Kieren M. Phelan, Holmfirth, United Kingdom**

FOREIGN PATENT DOCUMENTS

52242 12/1983 Canada .

[73] Assignee: **Black & Decker Inc., Newark, Del.**

Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Barry E. Deutsch

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

[57] CLAIM

[21] Appl. No.: **9,939**

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

[22] Filed: **Jun. 25, 1993**

[52] U.S. Cl. **D32/18**

[58] Field of Search **D32/17-18, D32/21-22; 15/344, 329, 347**

DESCRIPTION

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 257,661 12/1980 Gantz .
- D. 275,427 9/1984 Kishi et al. D32/18
- D. 287,419 12/1986 Ling D32/18
- D. 314,846 2/1991 deBlois D32/18
- D. 315,622 3/1991 deBlois D32/18

FIG. 1 is a perspective view taken from the front, top and right side of a hand-held vacuum cleaner showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a front elevational view thereof; and,

FIG. 7 is a rear elevational view thereof.

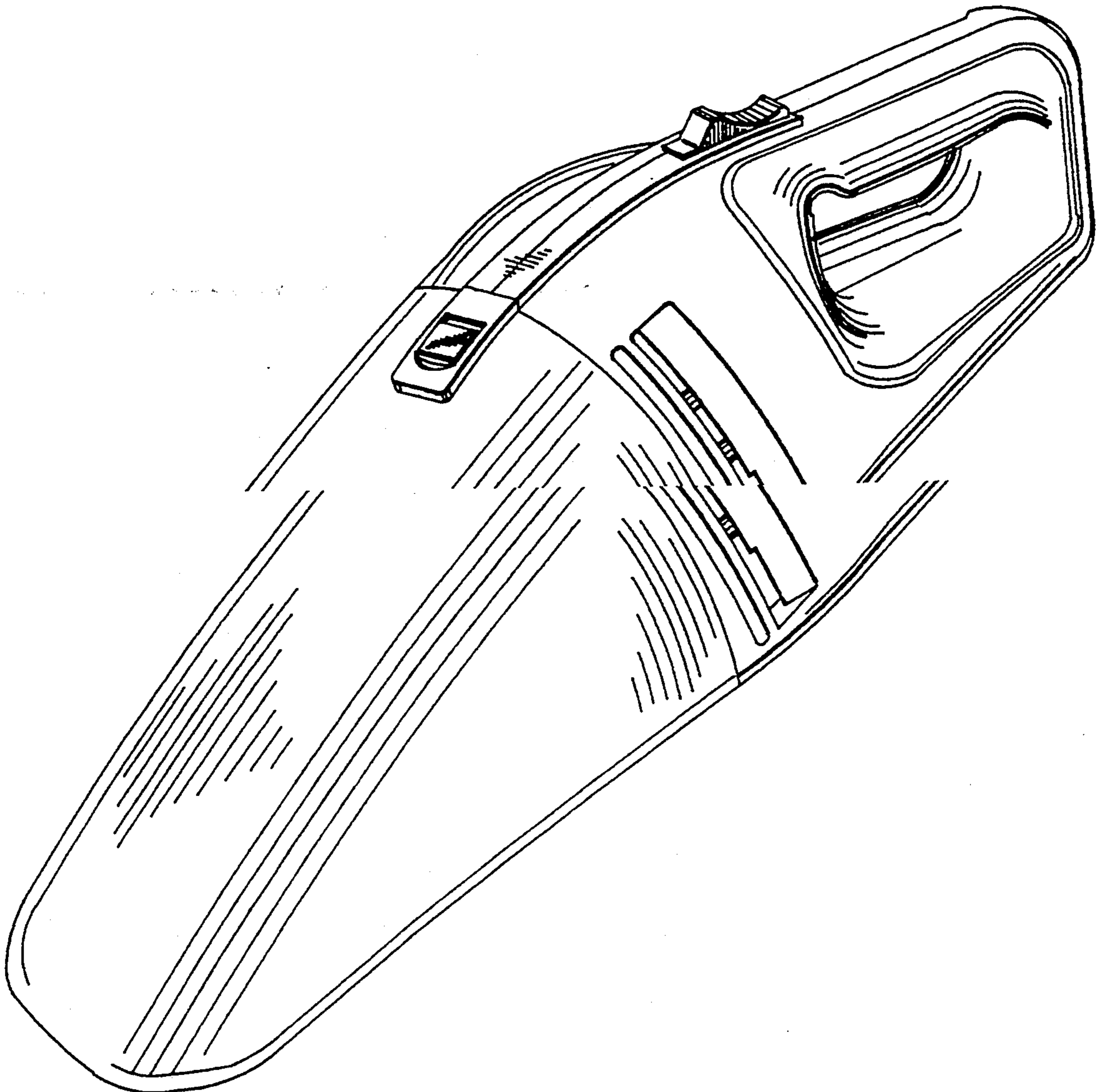


FIG. 1

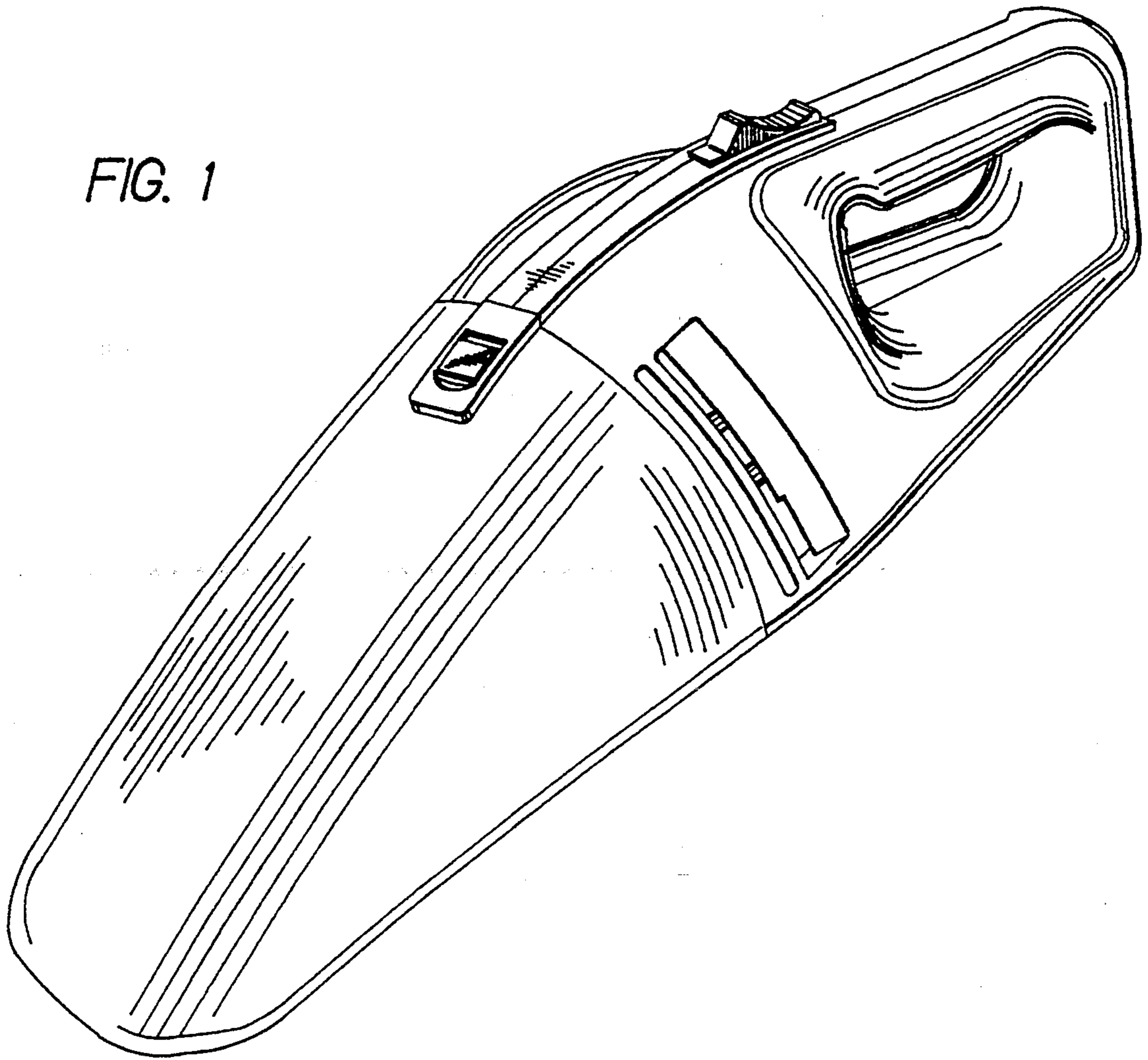


FIG. 2

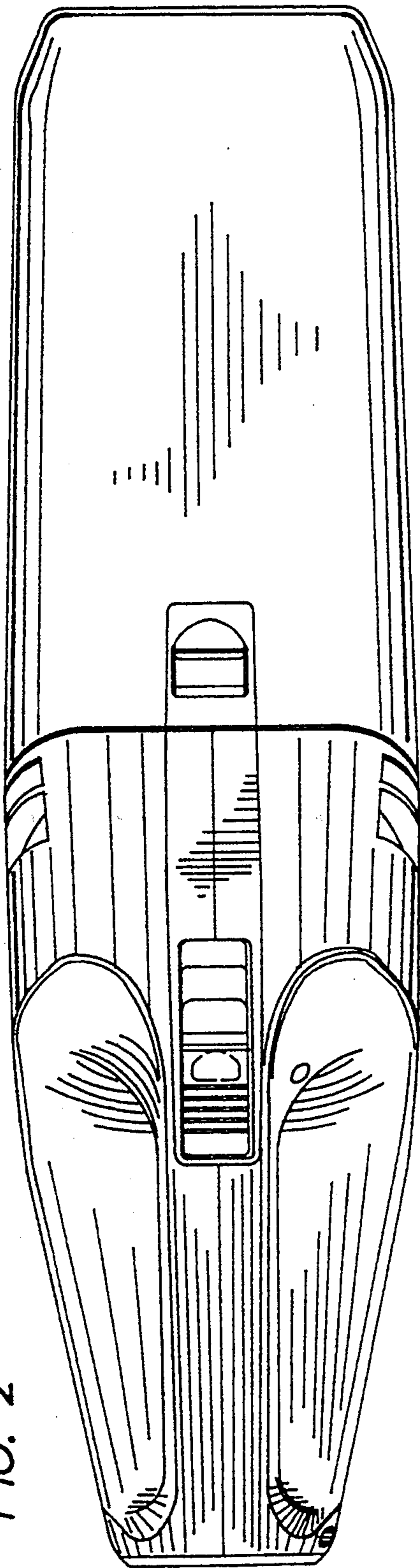
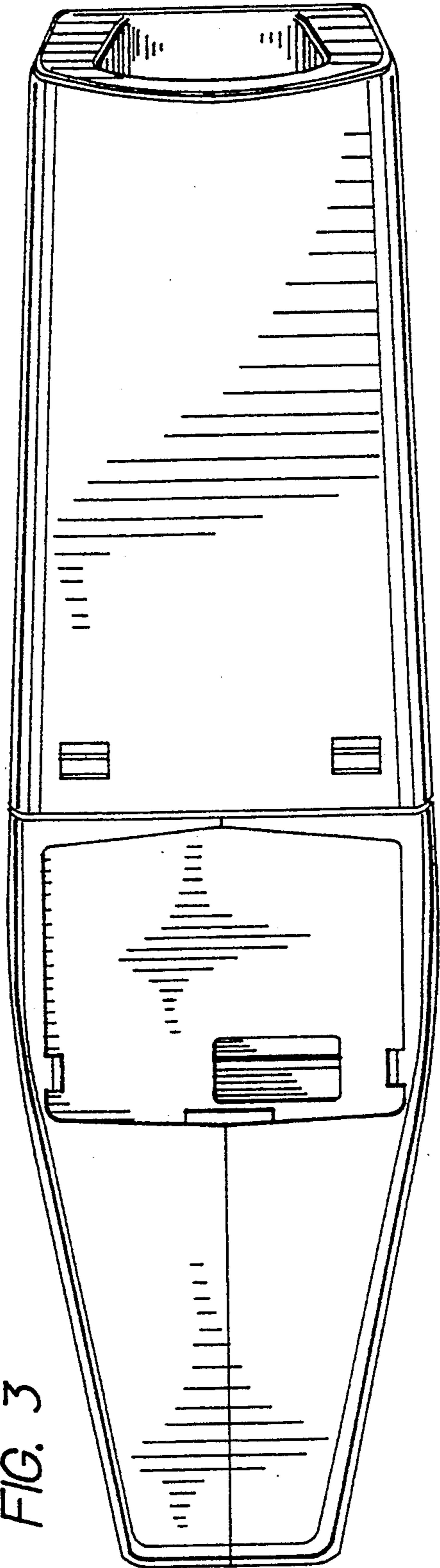


FIG. 3



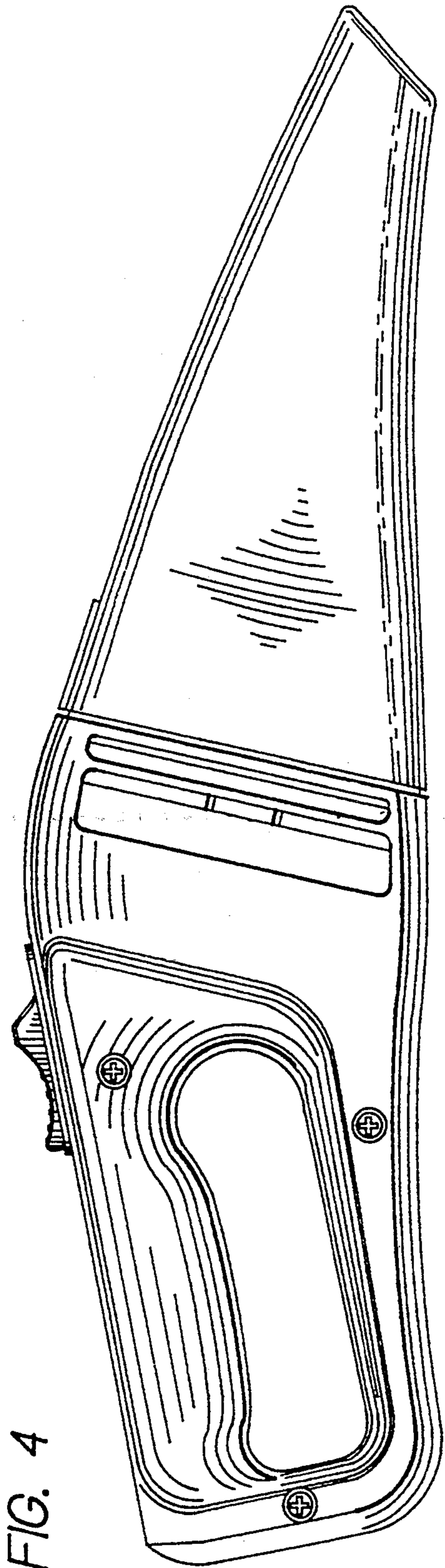


FIG. 4

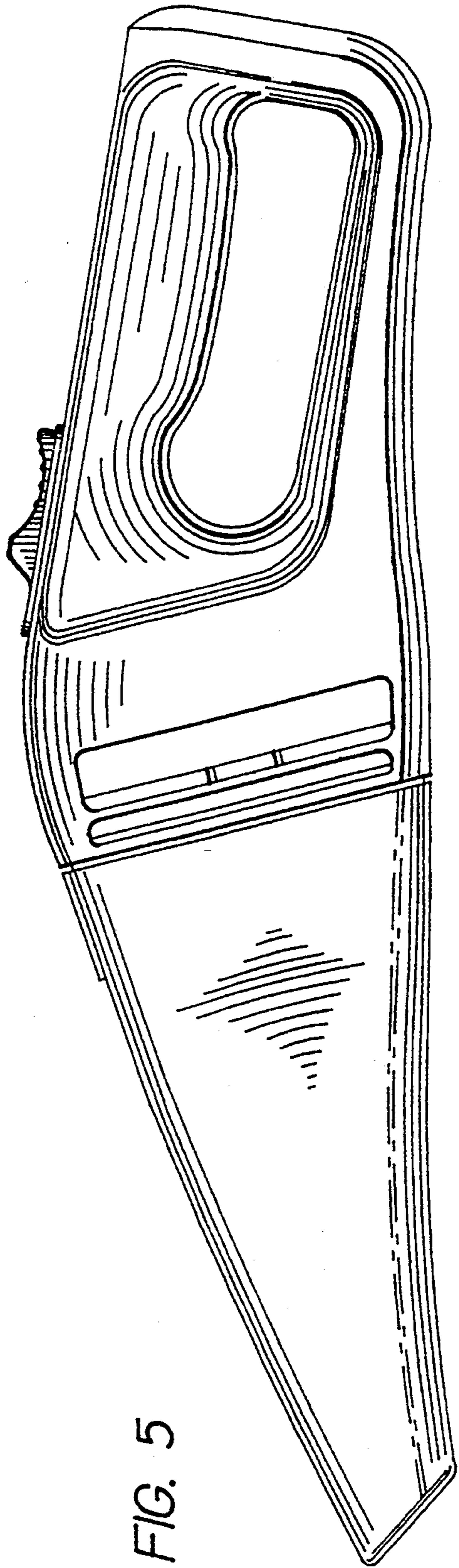


FIG. 5

FIG. 6

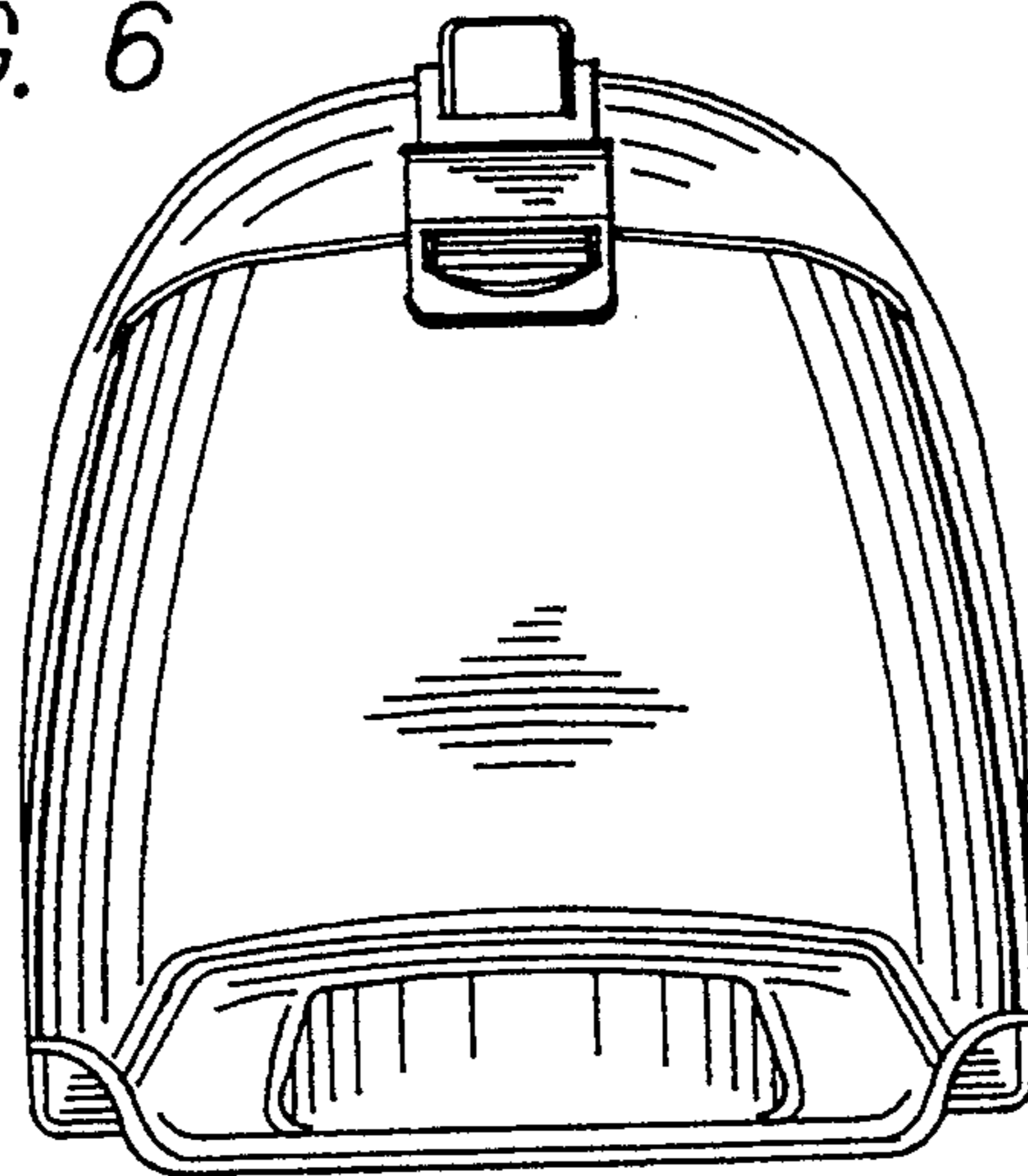


FIG. 7

