



US00D414905S

United States Patent [19] Ho

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[45] **Date of Patent: ** Oct. 5, 1999**

[54] **VACUUM CLEANER**

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[73] Assignee: **Airtek Industry Corp.**, Taipei City, Taiwan

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

[21] Appl. No.: **29/089,810**

[22] Filed: **Jun. 23, 1998**

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

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

[58] **Field of Search** D32/17, 18, 21-22;
D4/100; 15/350, 344, 329, 320-321, 355,
339, 340, 412

[56] **References Cited**

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Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Ladas & Parry

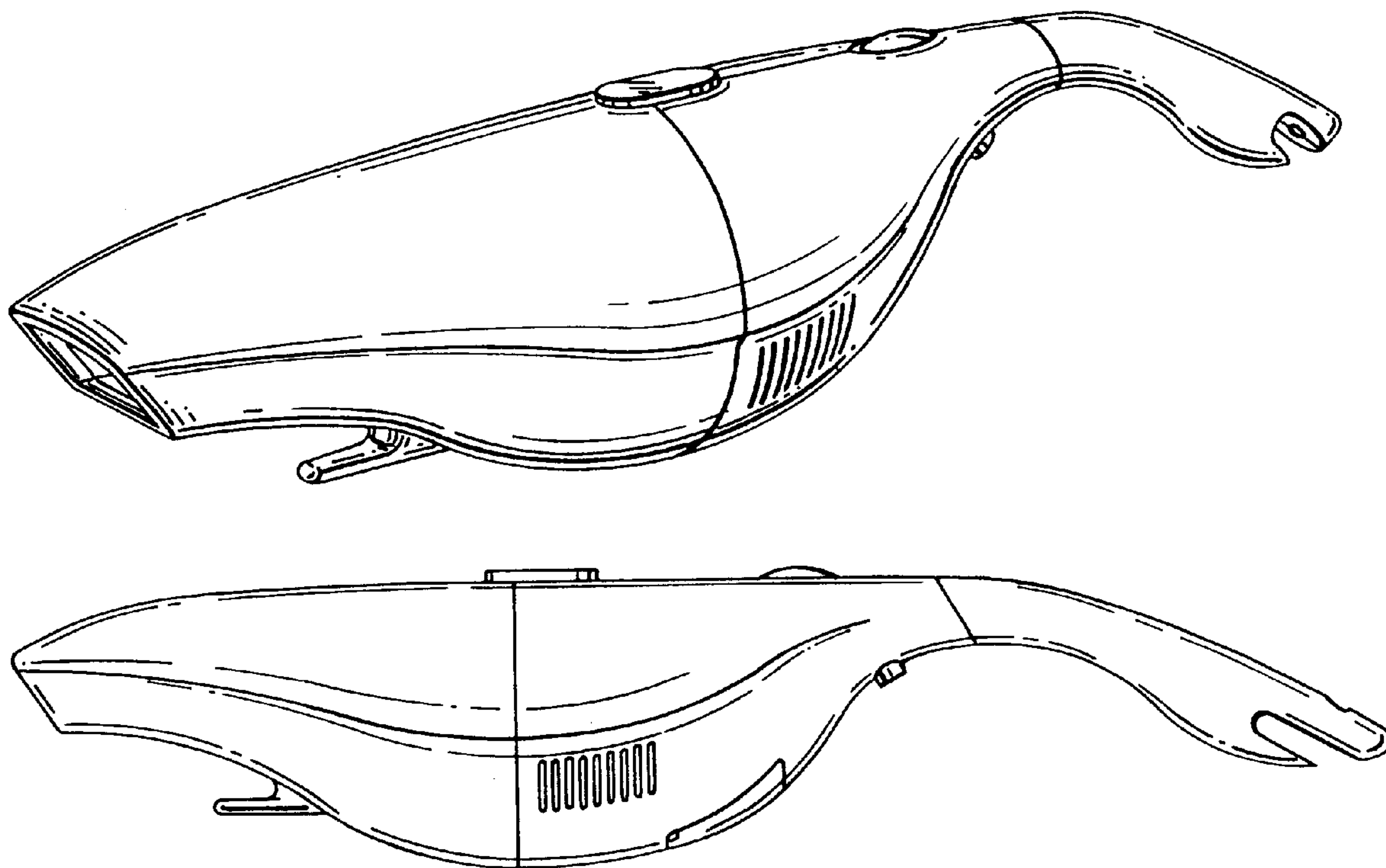
[57] **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of 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 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, 4 Drawing Sheets



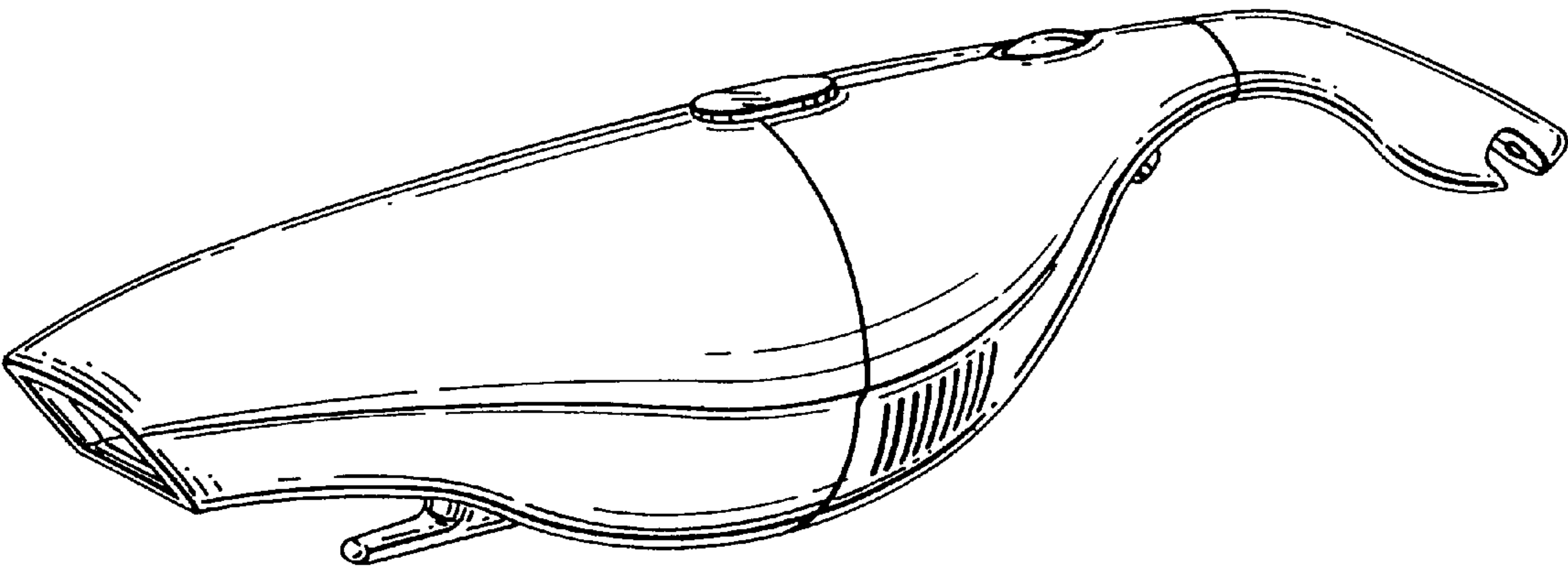


FIG. 1

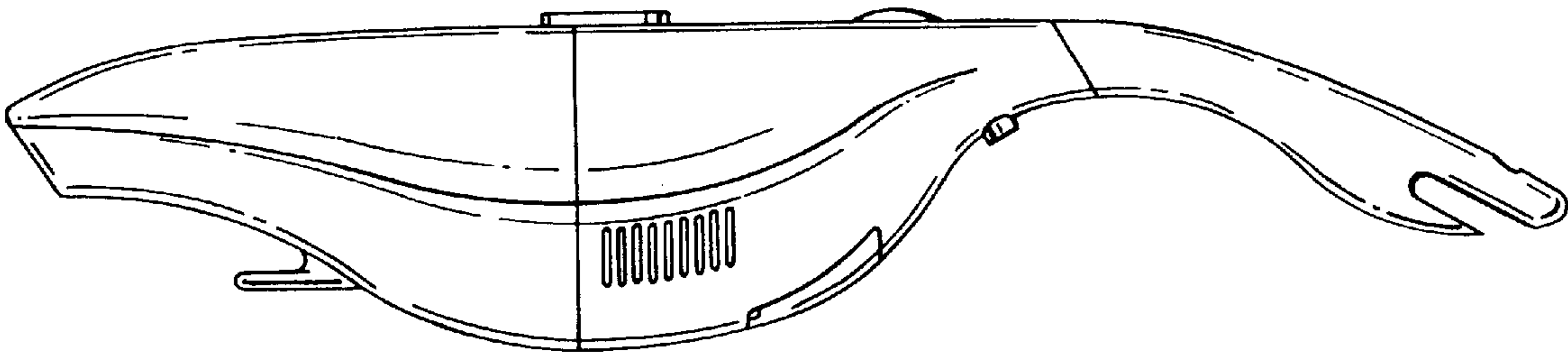


FIG.2

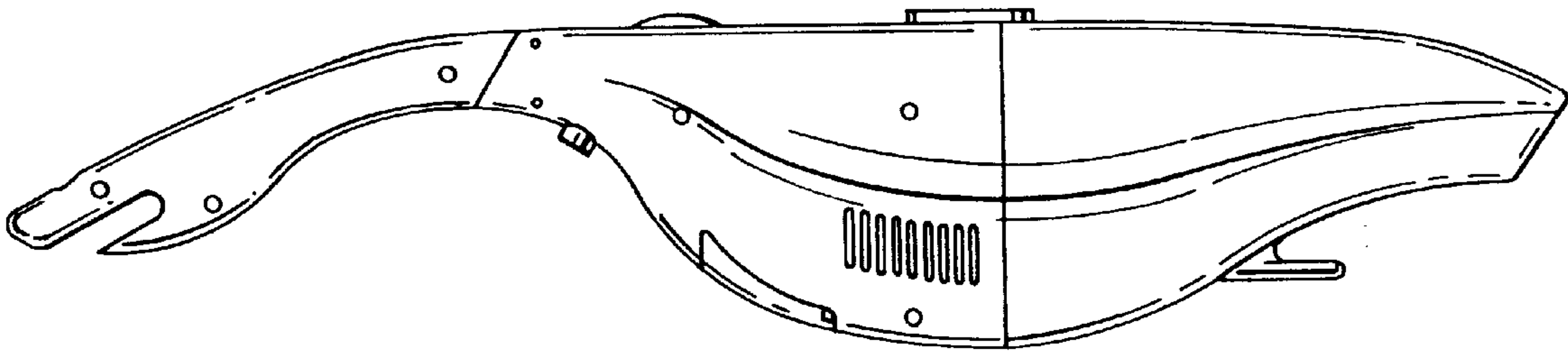


FIG.3

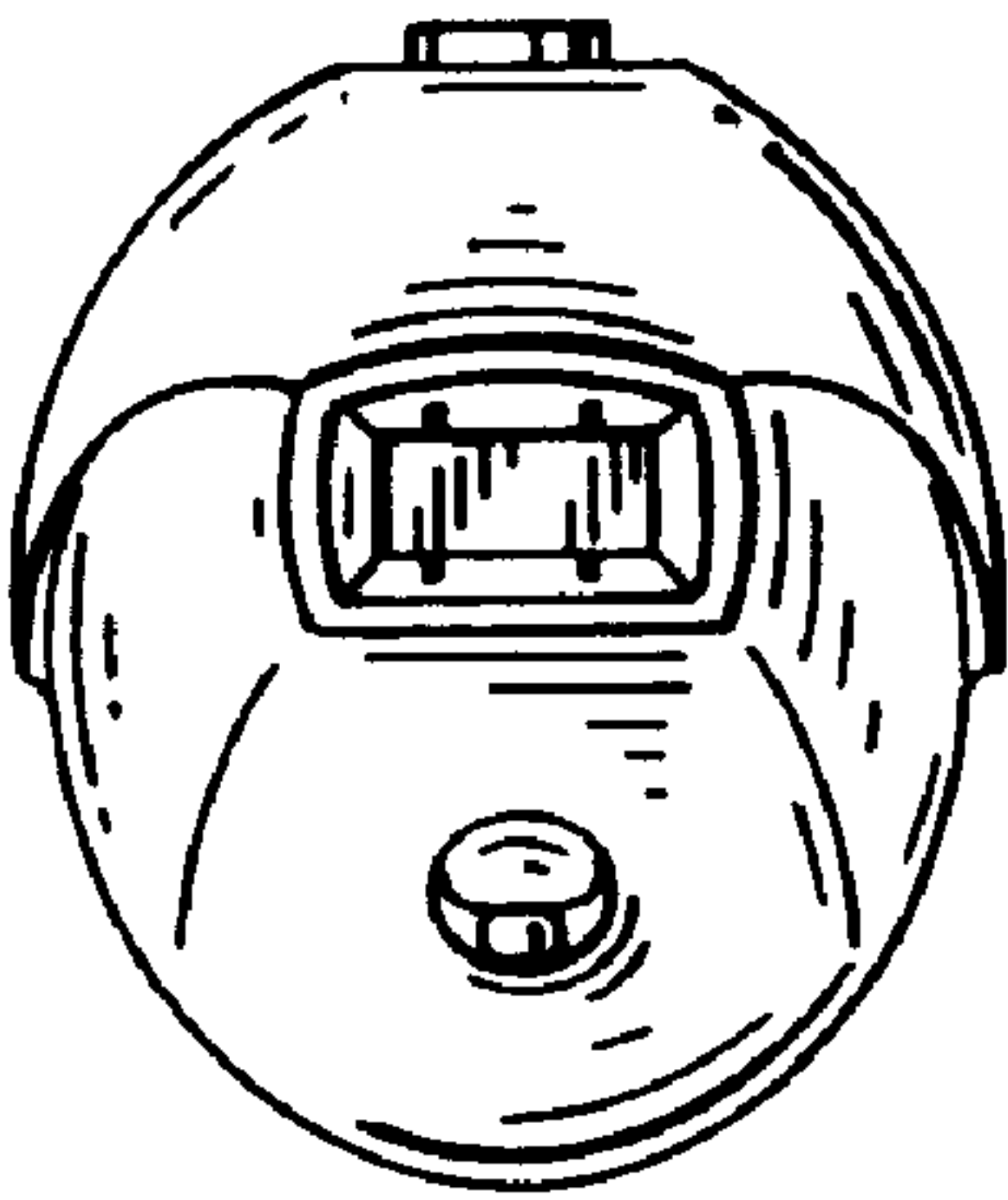


FIG. 4

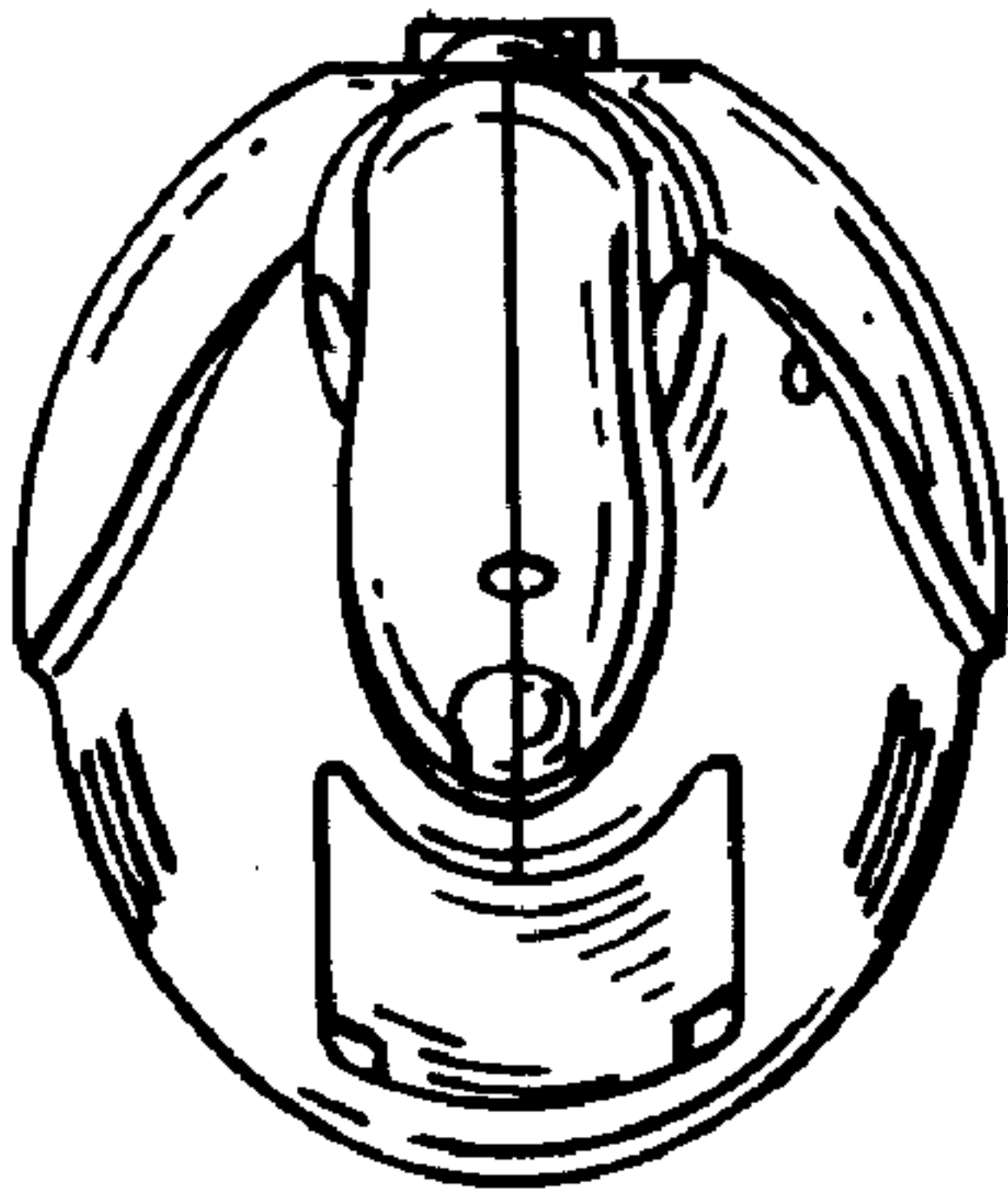


FIG. 5

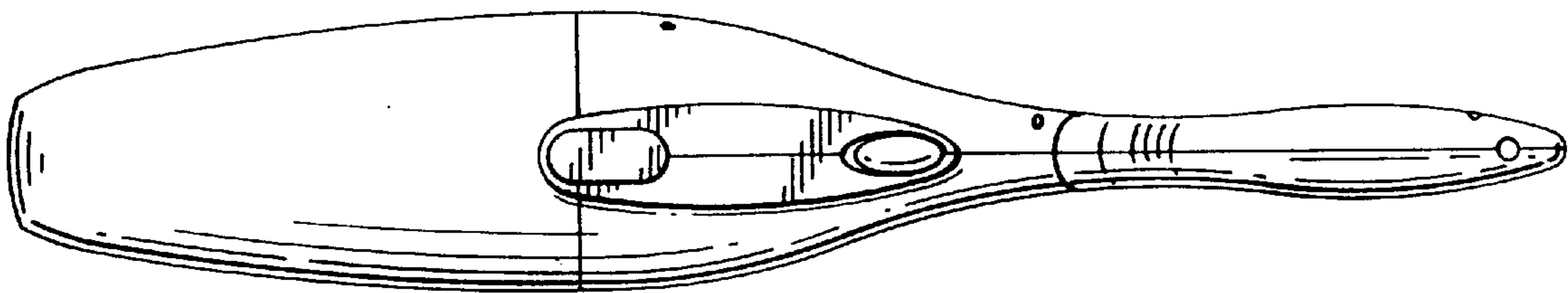


FIG. 6

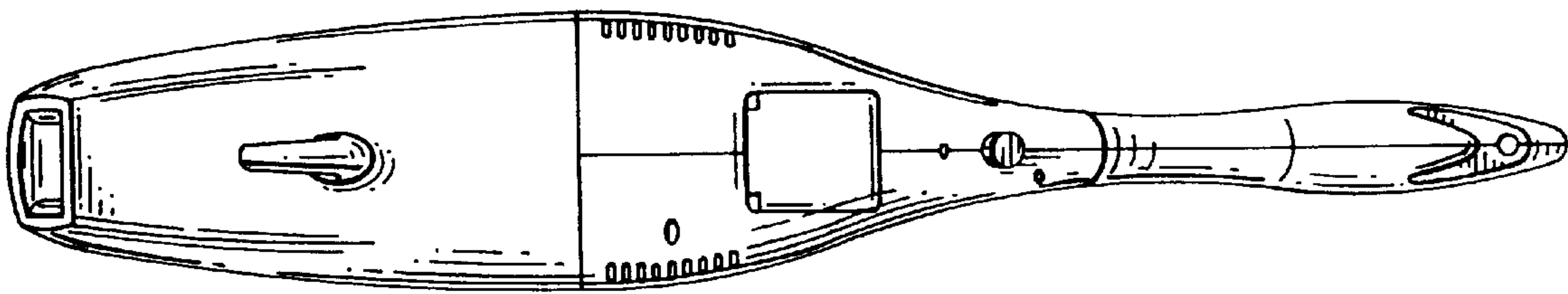


FIG. 7