



US00D381476S

United States Patent [19]
Hoffman

[11] **Patent Number: Des. 381,476**

[45] **Date of Patent: **Jul. 22, 1997**

[54] **VACUUM CLEANER**

[75] **Inventor: Gregory K. Hoffman, Danbury, Conn.**

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

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

[21] **Appl. No.: 45,673**

[22] **Filed: Oct. 26, 1995**

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

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

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

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 275,427 9/1984 Kishi et al. D32/18
- D. 279,513 7/1985 Rinaldi et al. D32/18
- D. 280,142 8/1985 Pudwill D32/18

- D. 287,893 1/1987 Fujii et al. D32/18
- D. 352,807 11/1994 Sanderud D32/18
- D. 357,772 4/1995 Yuen D32/18

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

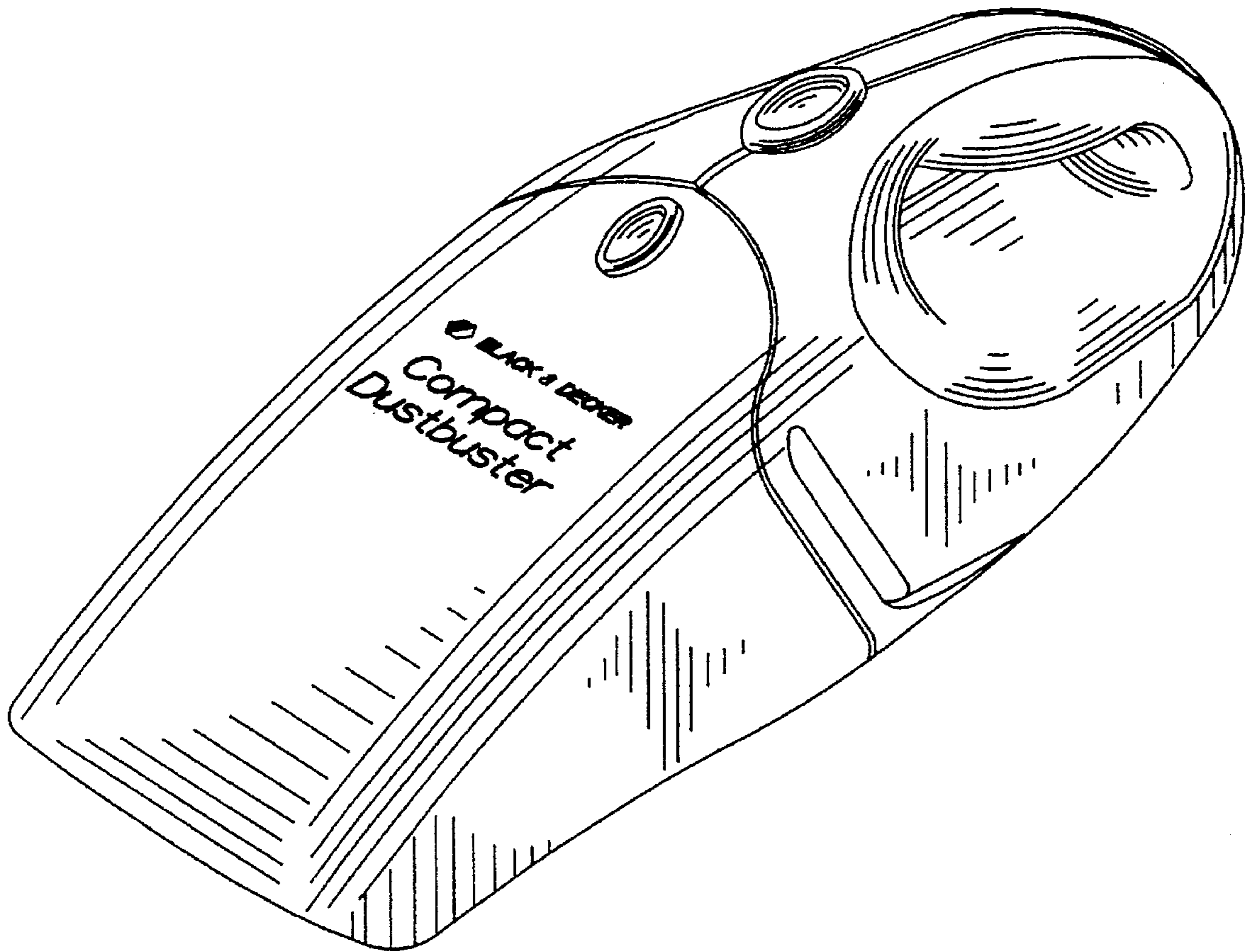
[57] **CLAIM**

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

DESCRIPTION

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

1 Claim, 3 Drawing Sheets



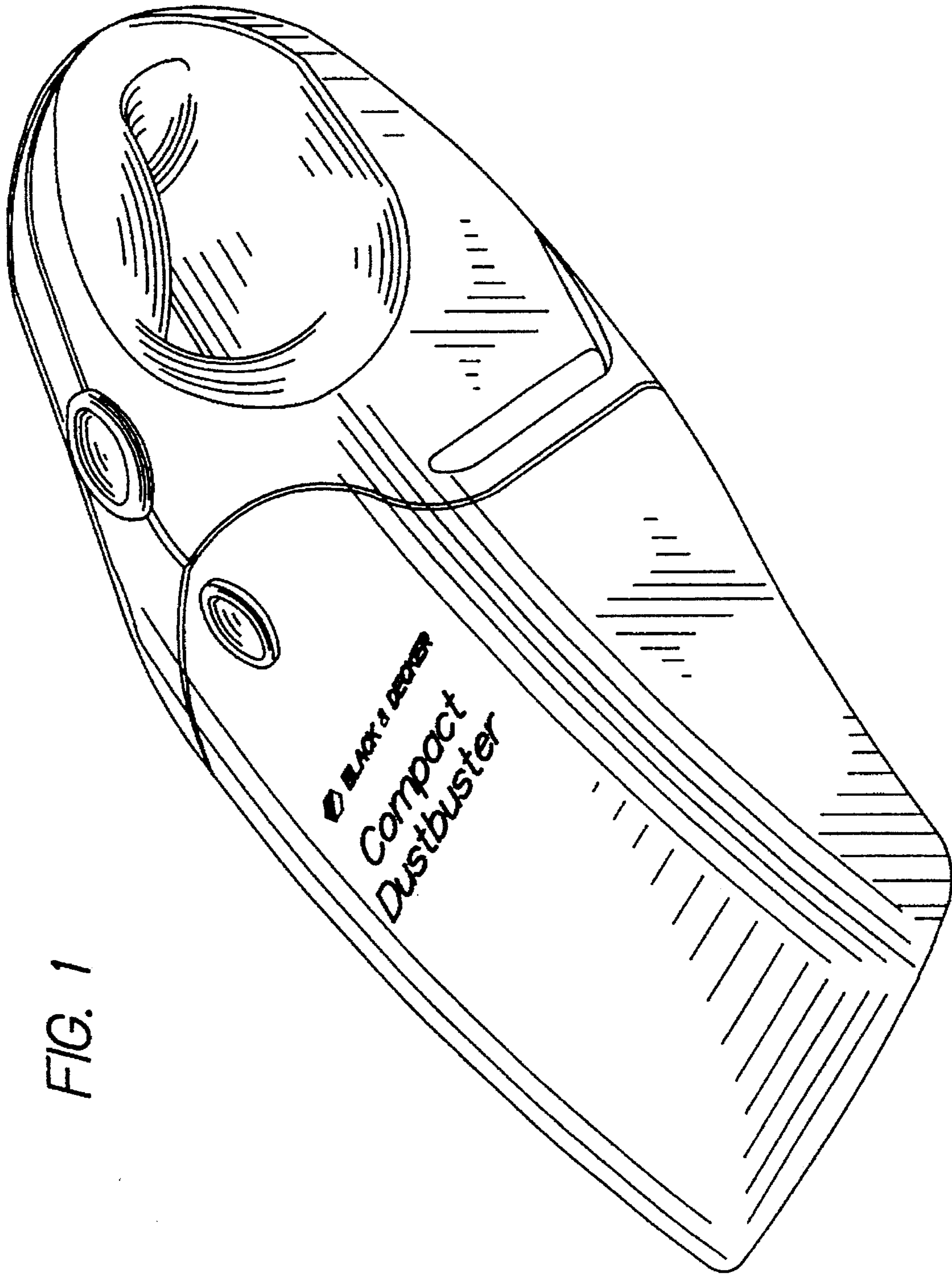


FIG. 1

FIG. 2

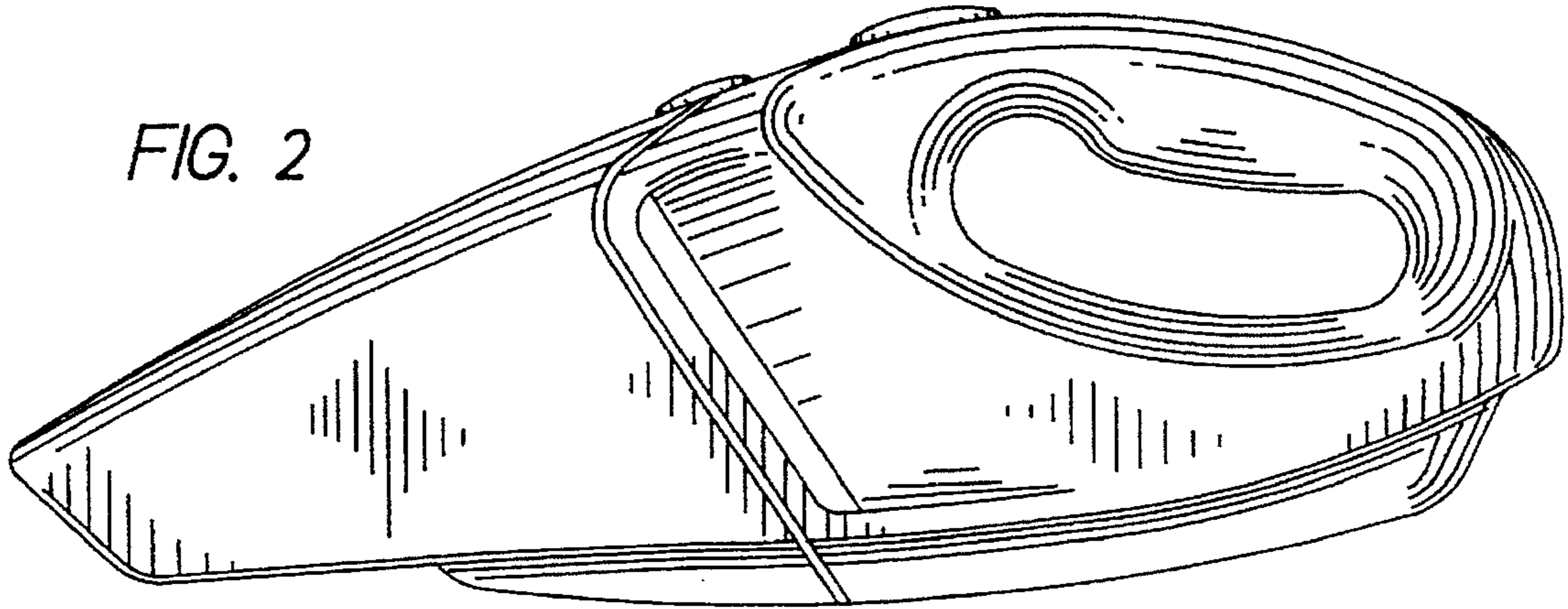


FIG. 3

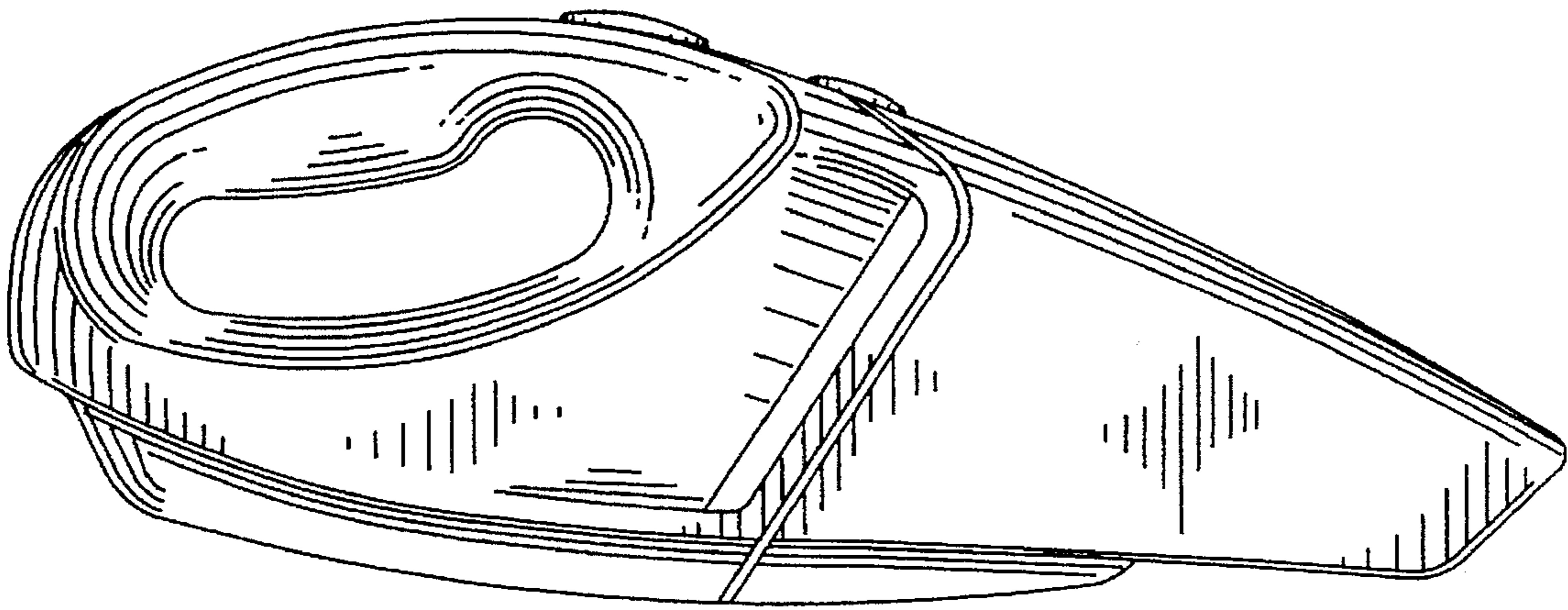


FIG. 4

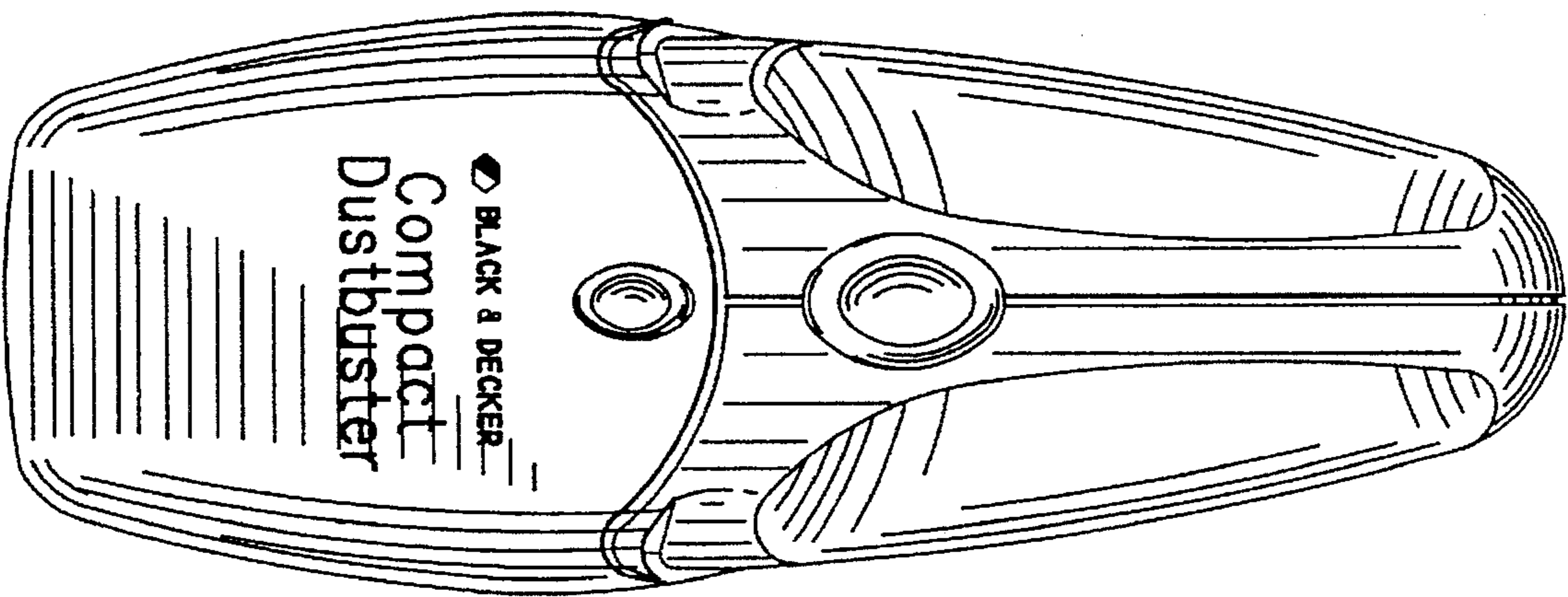


FIG. 5

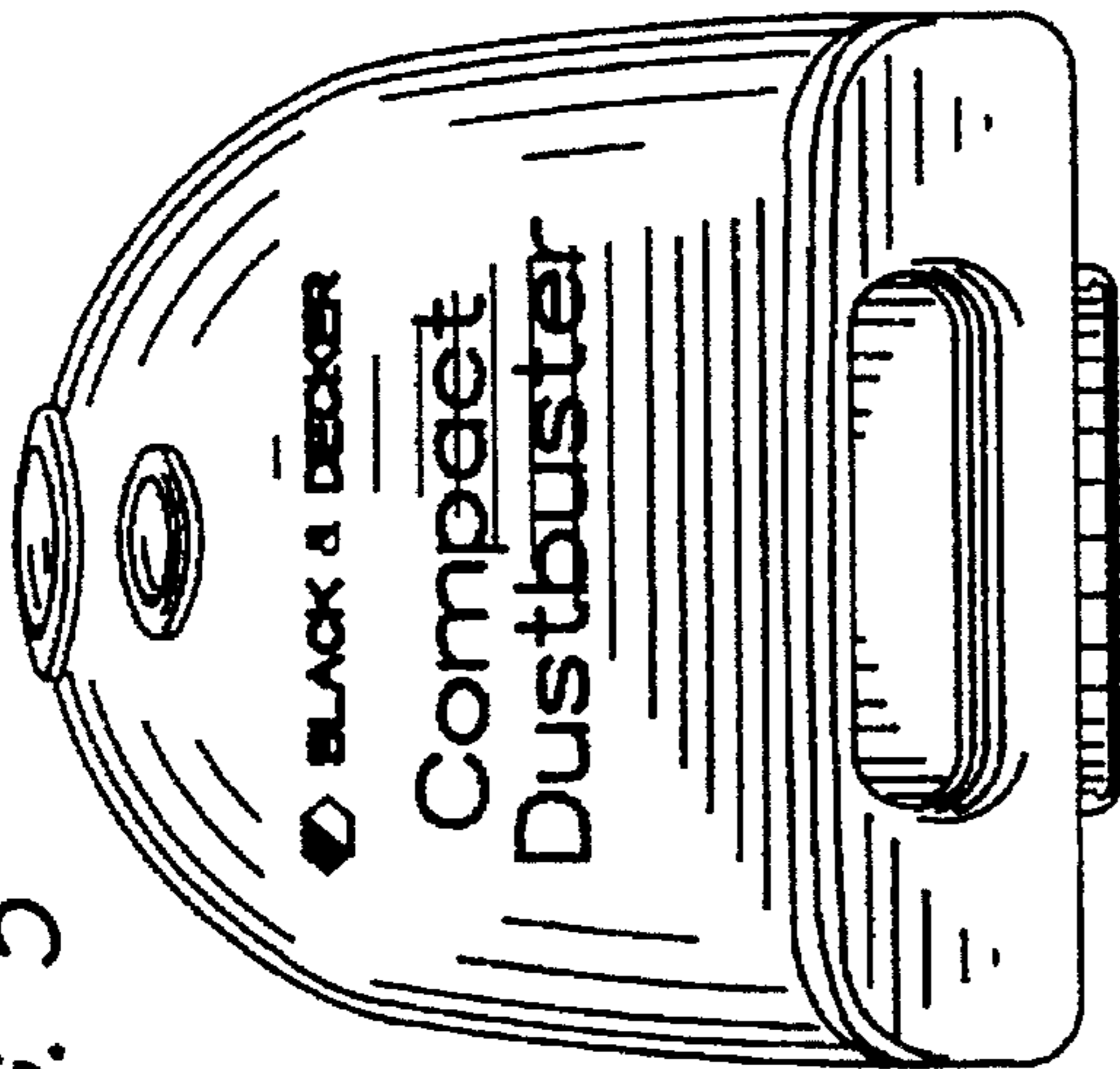


FIG. 6

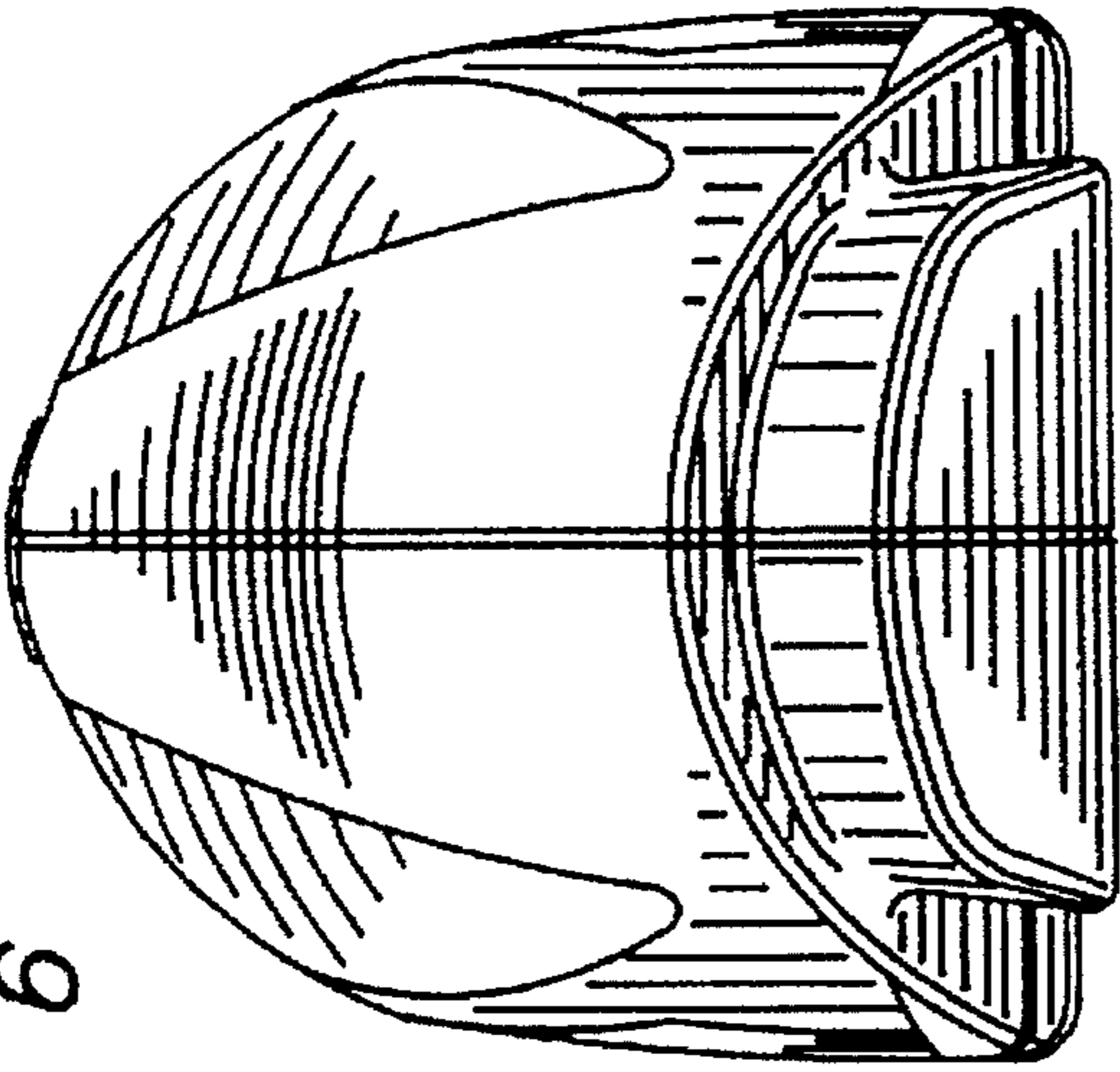


FIG. 7

