

United States Patent [19]

Chieda et al.

[11] Patent Number: Des. 309,806

[45] Date of Patent: ** Aug. 7, 1990

[54] VACUUM CLEANER

[75] Inventors: Robert A. Chieda, Westport, Conn.;
Robert Romeo, Maplewood, N.J.

[73] Assignee: TRC Acquisition Corporation,
Atlanta, Ga.

[**] Term: 14 Years

[21] Appl. No.: 51,113

[22] Filed: May 15, 1987

[52] U.S. Cl. D32/22

[58] Field of Search D32/18, 21-22,
D32/31-34; 15/323-324, 325, 335, 329, 338,
344, 350-351, 361

[56] References Cited

U.S. PATENT DOCUMENTS

D. 275,428 9/1984 Wareham D32/22
D. 293,728 1/1988 Ohhira et al. D32/22

D. 299,176 12/1988 Bowerman et al. D32/22
4,517,705 5/1985 Hug 15/351

Primary Examiner—A. Hugo Word

Assistant Examiner—Ruth McInroy

Attorney, Agent, or Firm—Martin LuKacher

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a top plan view of a vacuum cleaner showing our new design;

FIG. 2 is a right side elevational view thereof;

FIG. 3 is a left side elevational view thereof;

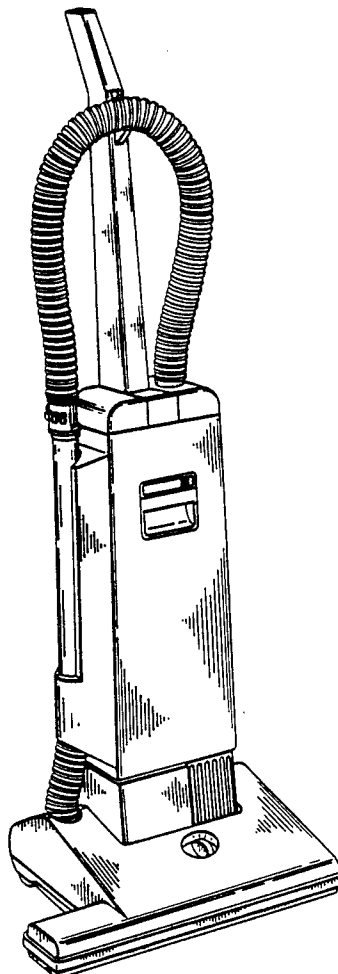
FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof; and

FIG. 6 is a bottom plan view thereof; and

FIG. 7 is a front perspective view thereof.

The electric cord shown broken away in FIGS. 1, 2, 3 and 5 is understood to represent indeterminate length.



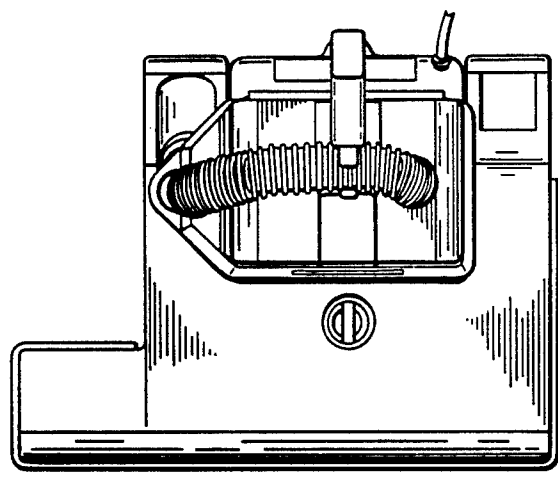


FIG. 1

FIG. 6

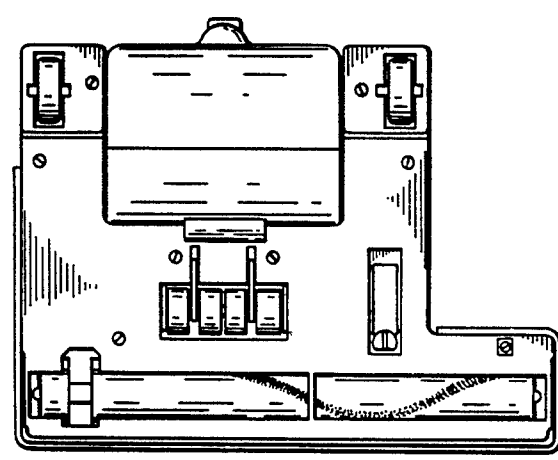
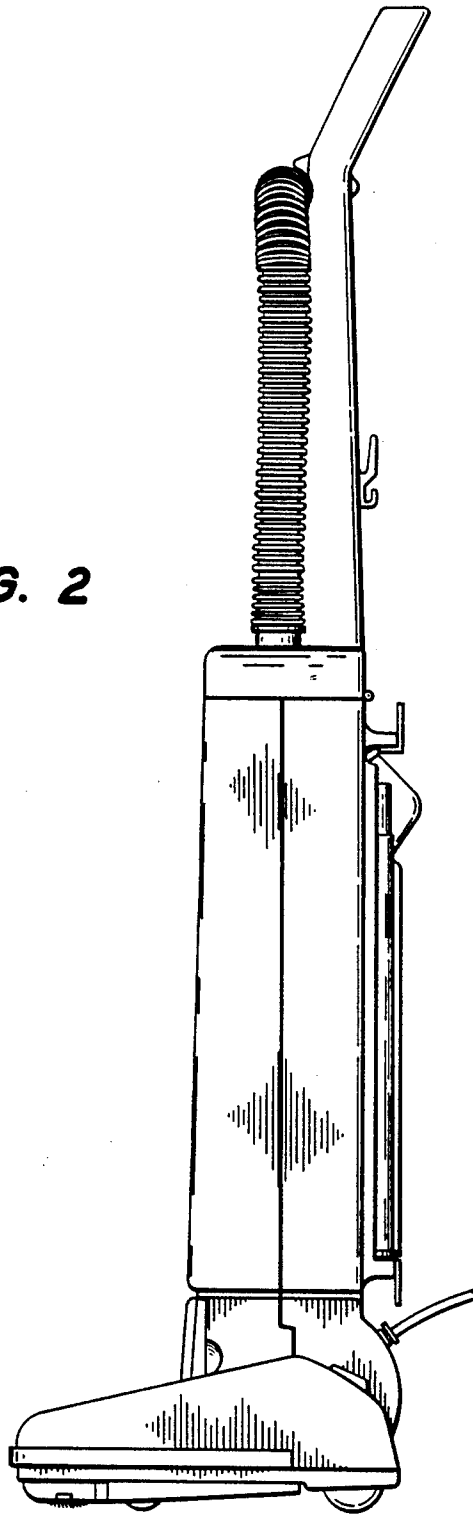


FIG. 2



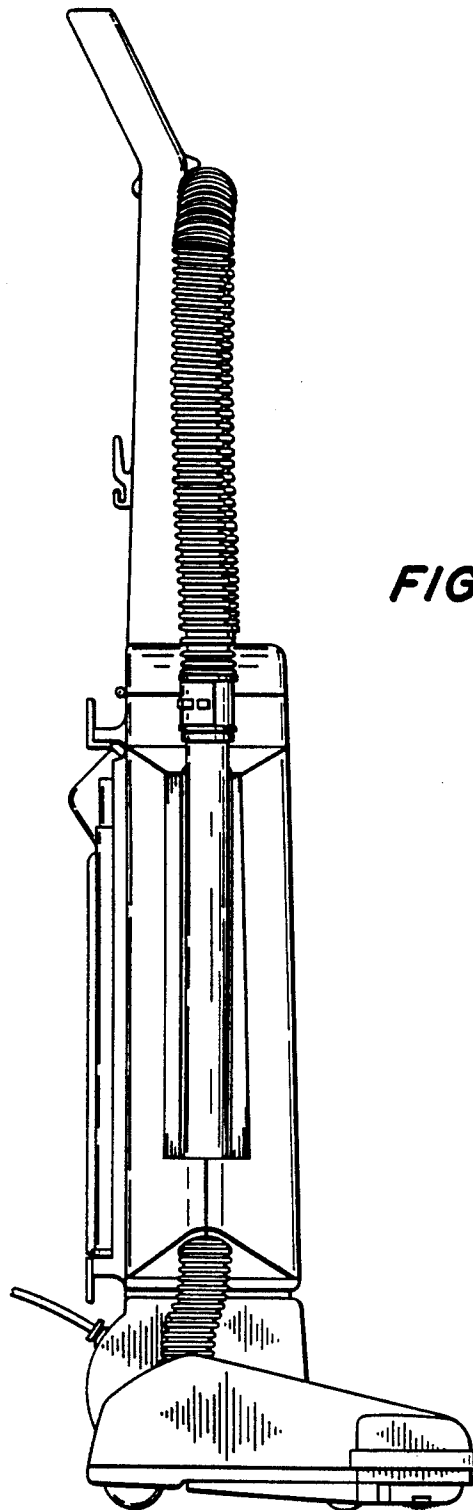


FIG. 3

FIG. 4

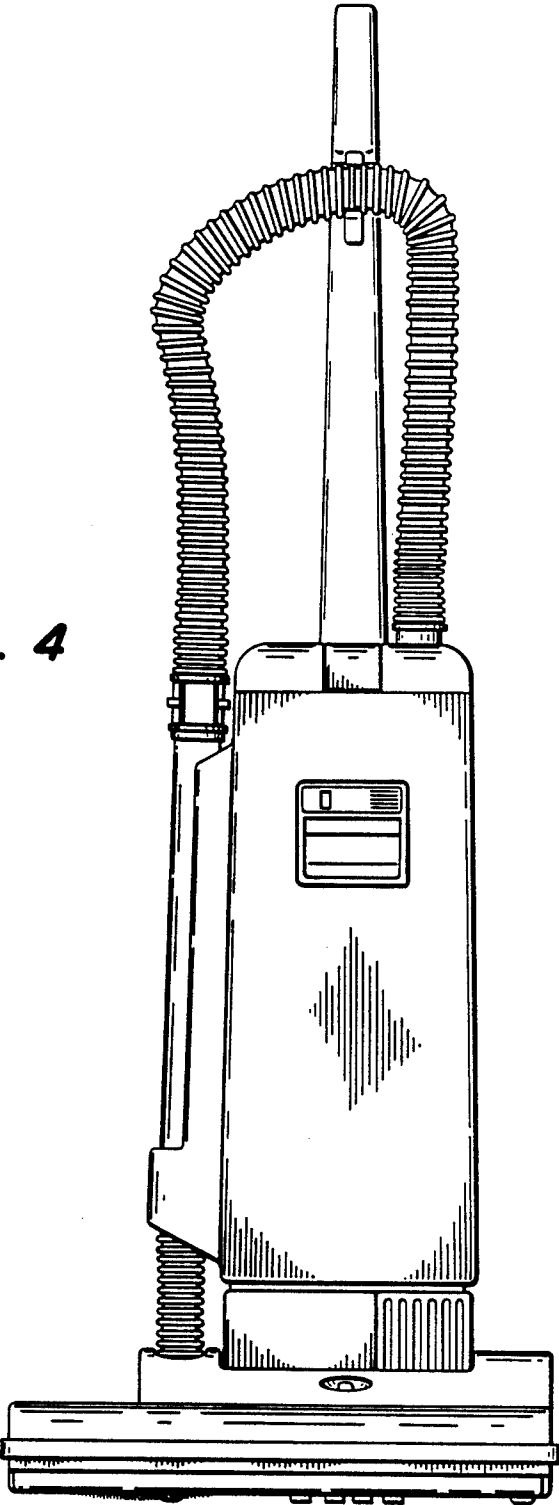


FIG. 5

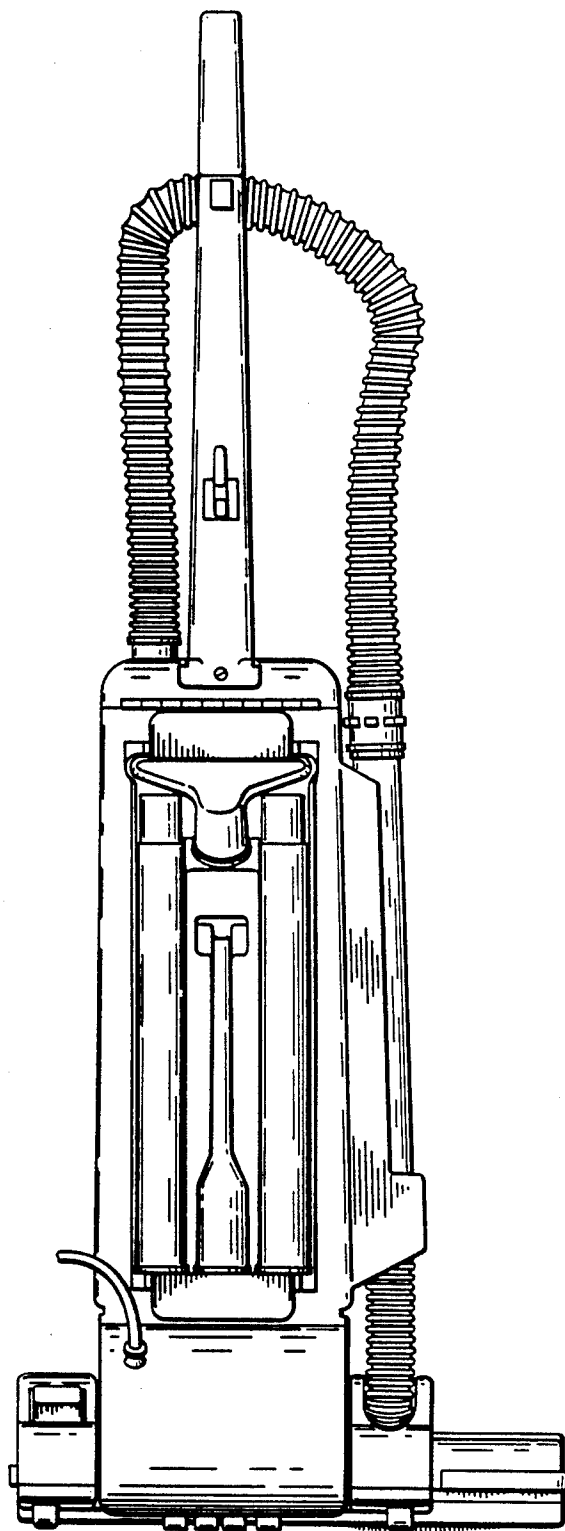


FIG. 7

