



US00D374955S

United States Patent [19]
Umbach

[11] **Patent Number: Des. 374,955**
[45] **Date of Patent: **Oct. 22, 1996**

[54] **VACUUM CLEANER**

[75] Inventor: **Steven Umbach**, East Grand Rapids, Mich.

[73] Assignee: **Bissell Inc.**, Grand Rapids, Mich.

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

[21] Appl. No.: **42,939**

[22] Filed: **Aug. 21, 1995**

Related U.S. Application Data

[62] Division of Ser. No. 18,742, Feb. 14, 1994.

[52] **U.S. Cl.** **D32/21; D32/22; D32/31**

[58] **Field of Search** **D32/21, 22, 31-34; 15/320, 321, 323, 328, 347, 350-353, 361, 335**

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 307,658 5/1990 Ikeda et al. .
- D. 310,438 9/1990 Burns .
- D. 314,072 1/1991 Shinozaki et al. .
- D. 314,847 2/1991 Shouji et al. .
- D. 315,042 2/1991 Ikeda .
- D. 316,167 4/1991 Petralia et al. .
- D. 319,517 8/1991 Sovis et al. .

- D. 325,453 4/1992 Tsuge .
- D. 325,657 4/1992 Brewin .
- D. 325,658 4/1992 Brewin .
- D. 327,145 6/1992 Kuriya .
- D. 335,556 5/1993 Kuriya .
- D. 338,293 8/1993 Kojima et al. .
- D. 339,433 9/1993 Stein et al. .
- D. 347,500 5/1994 Abe et al. .
- D. 354,379 1/1995 Shinozaki .
- D. 354,593 1/1995 Koike .

Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Varnum, Riddering, Schmidt & Howlett LLP

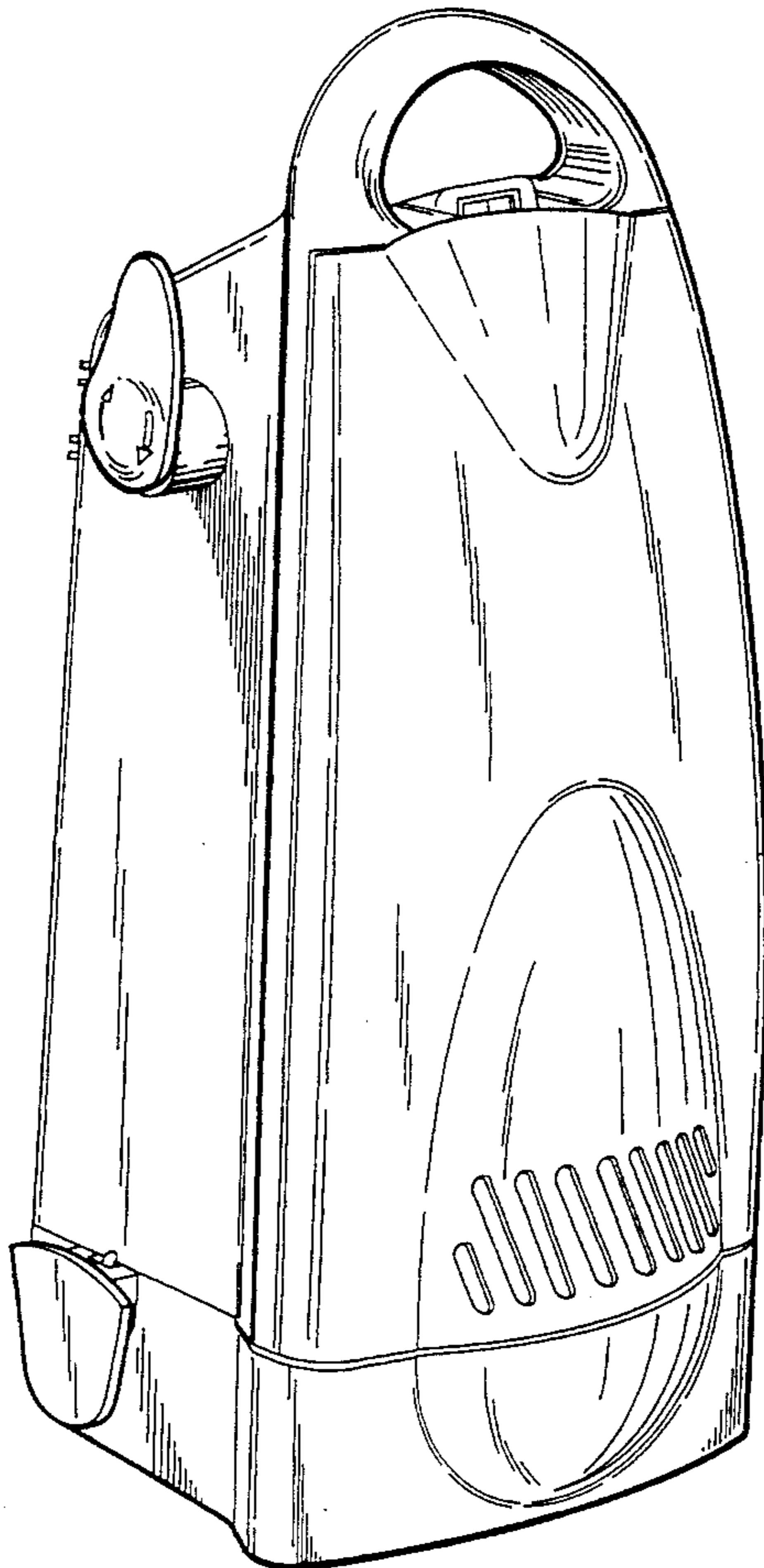
[57] **CLAIM**

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

DESCRIPTION

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

1 Claim, 4 Drawing Sheets



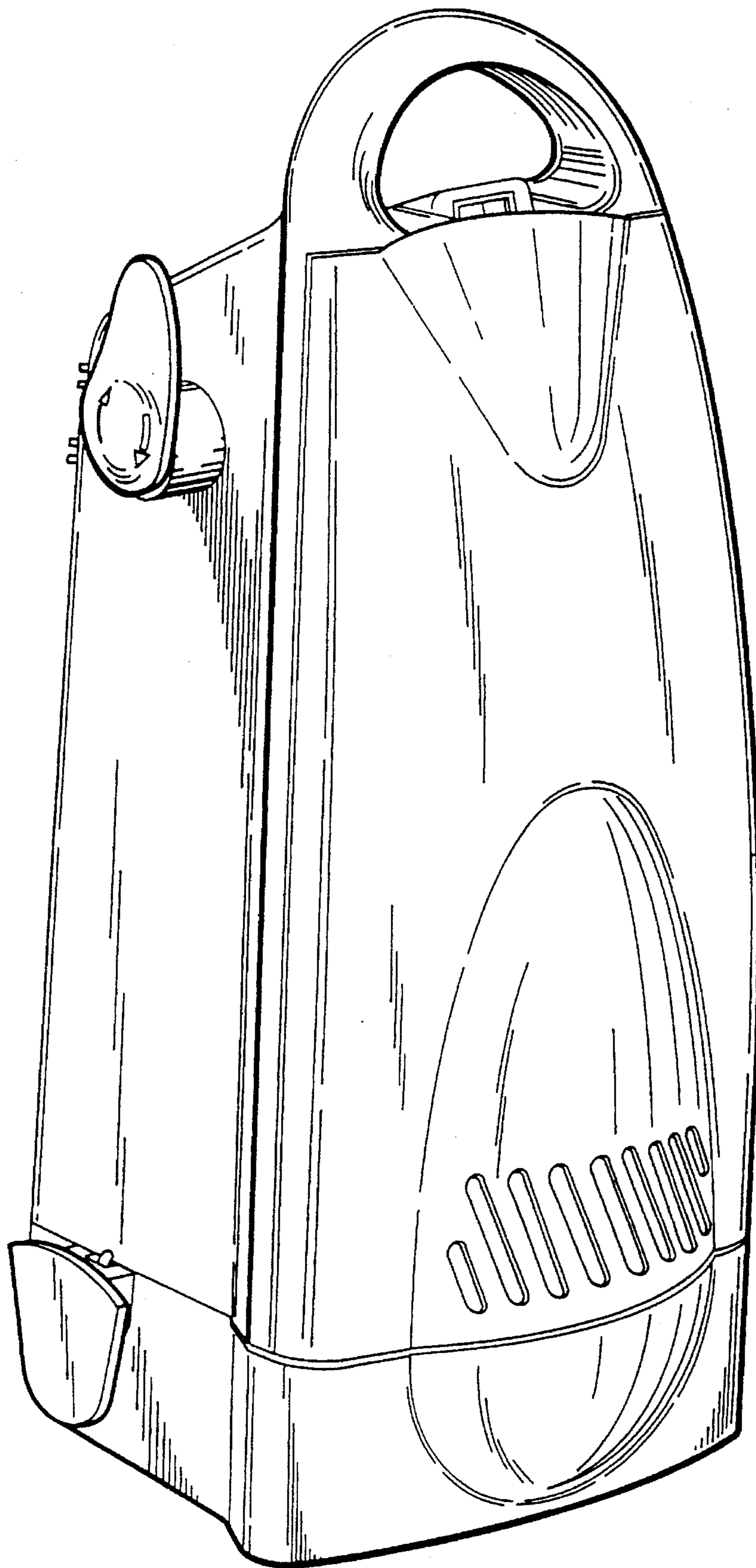


Fig. 1

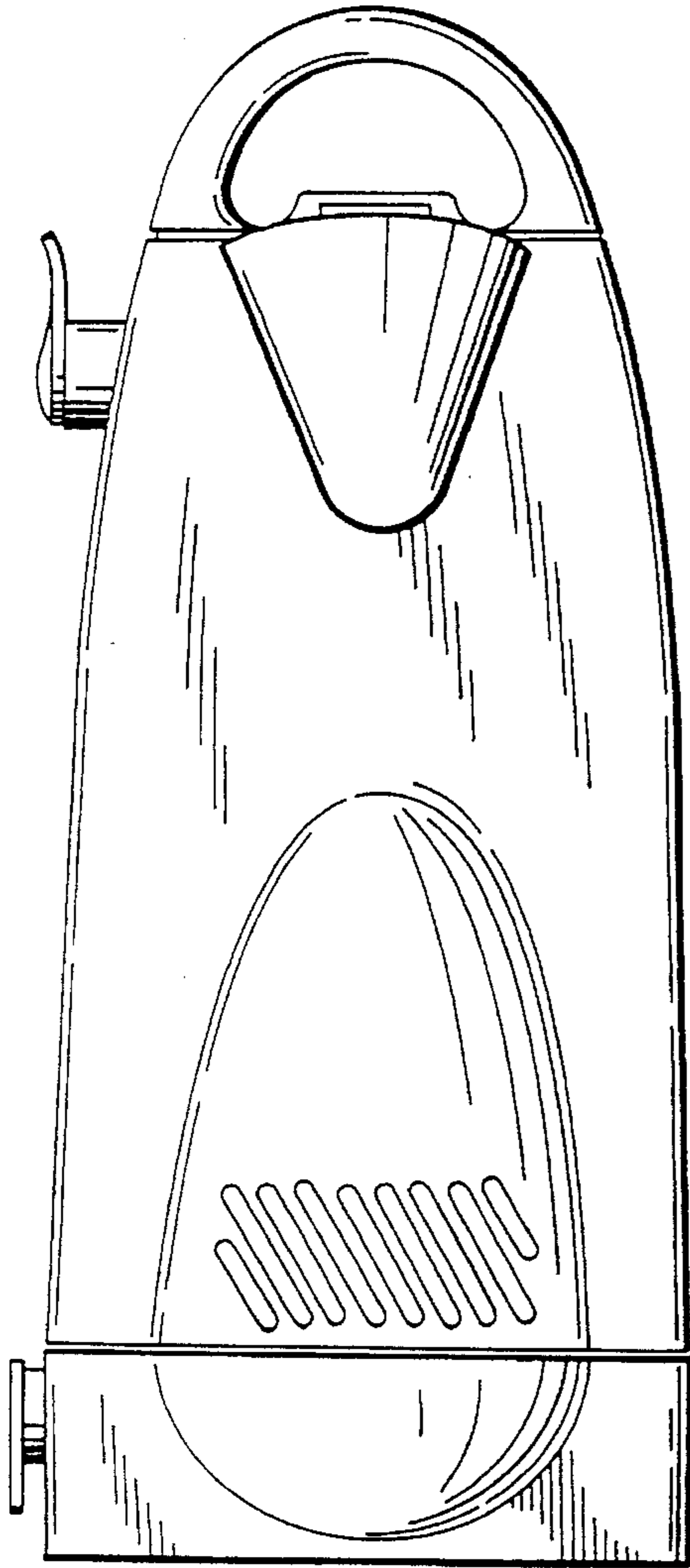


Fig. 2

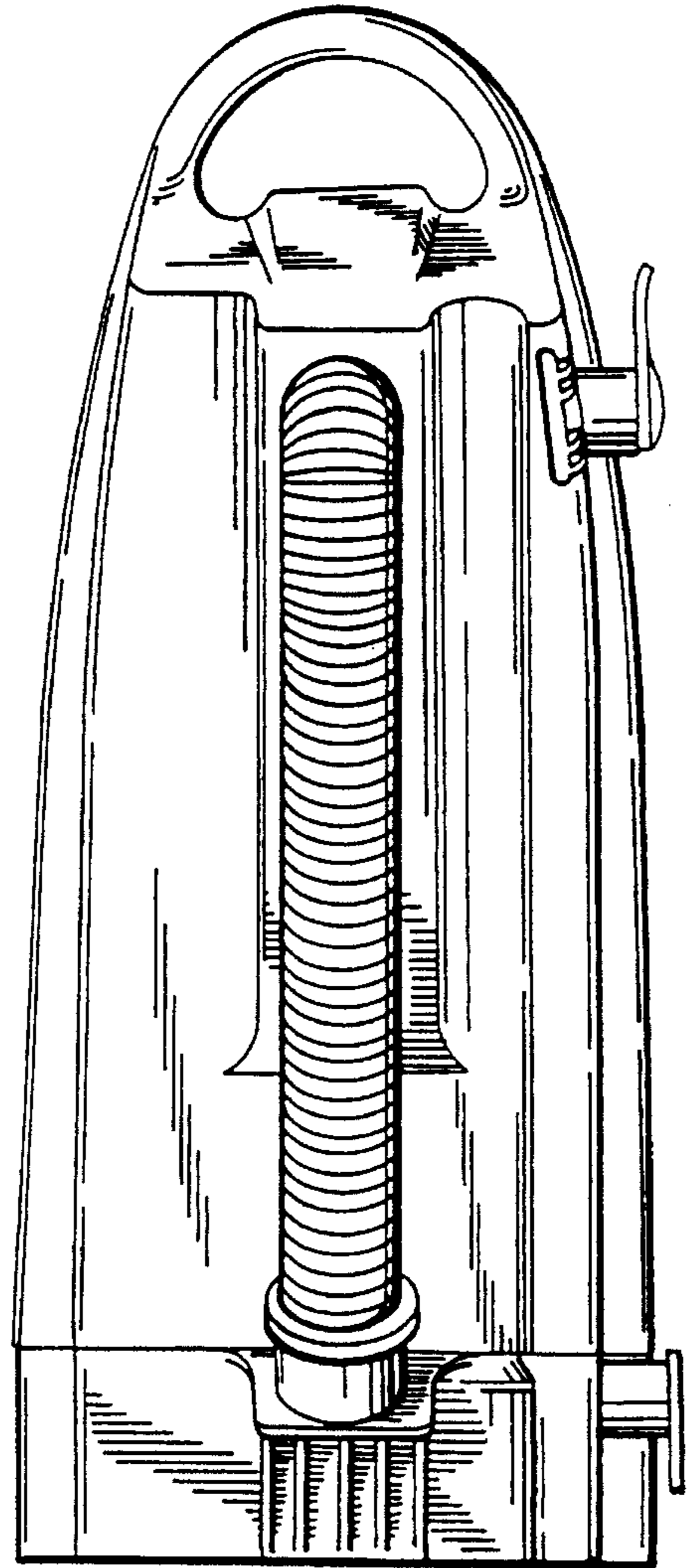


Fig. 3

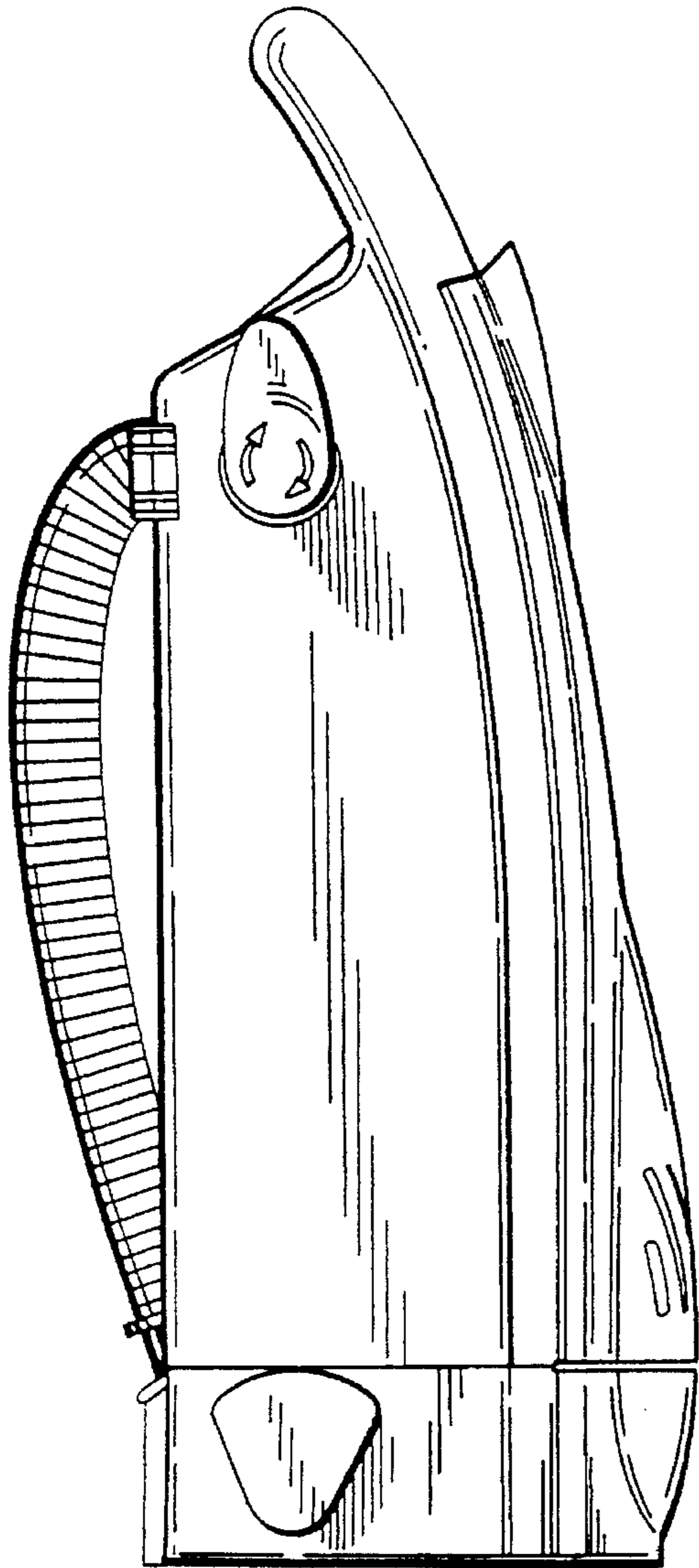


Fig. 4

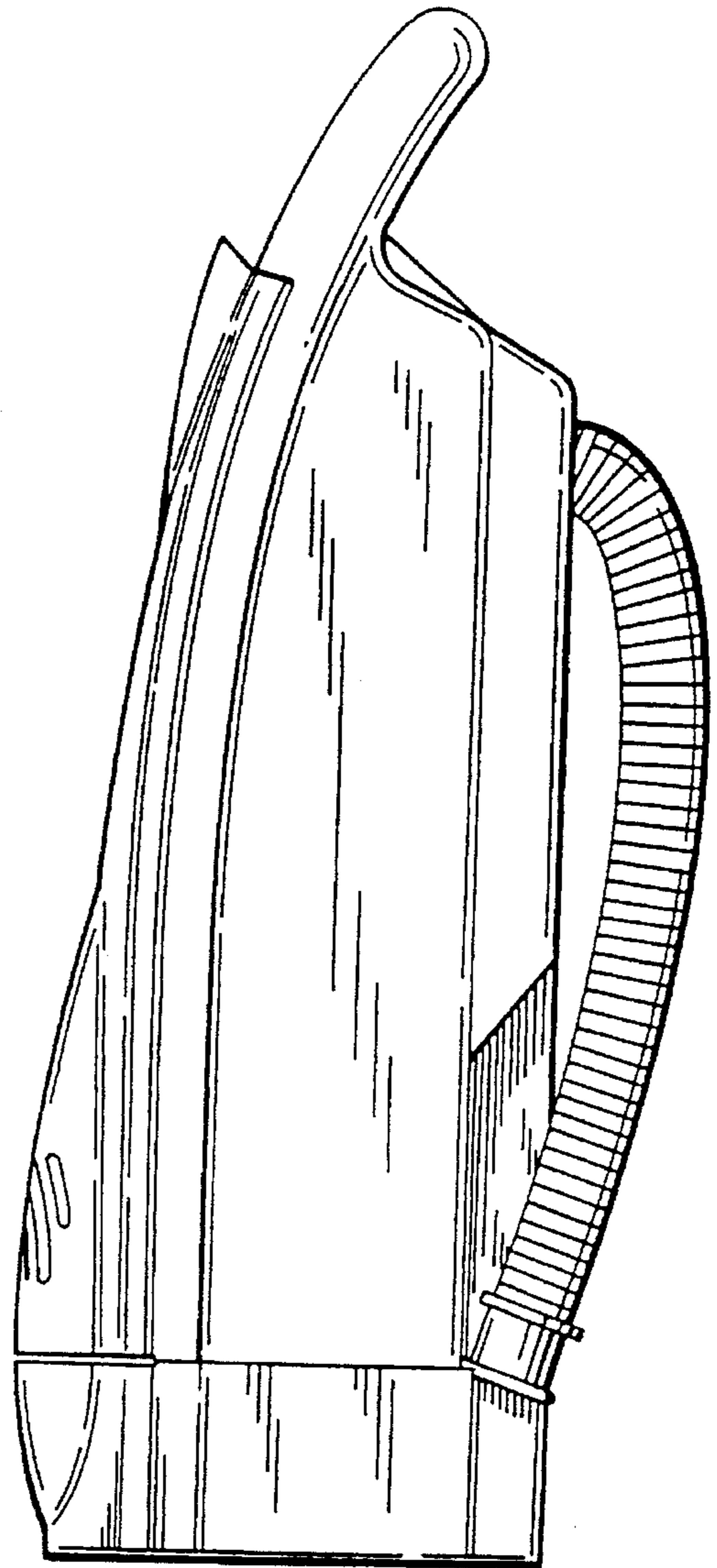


Fig. 5

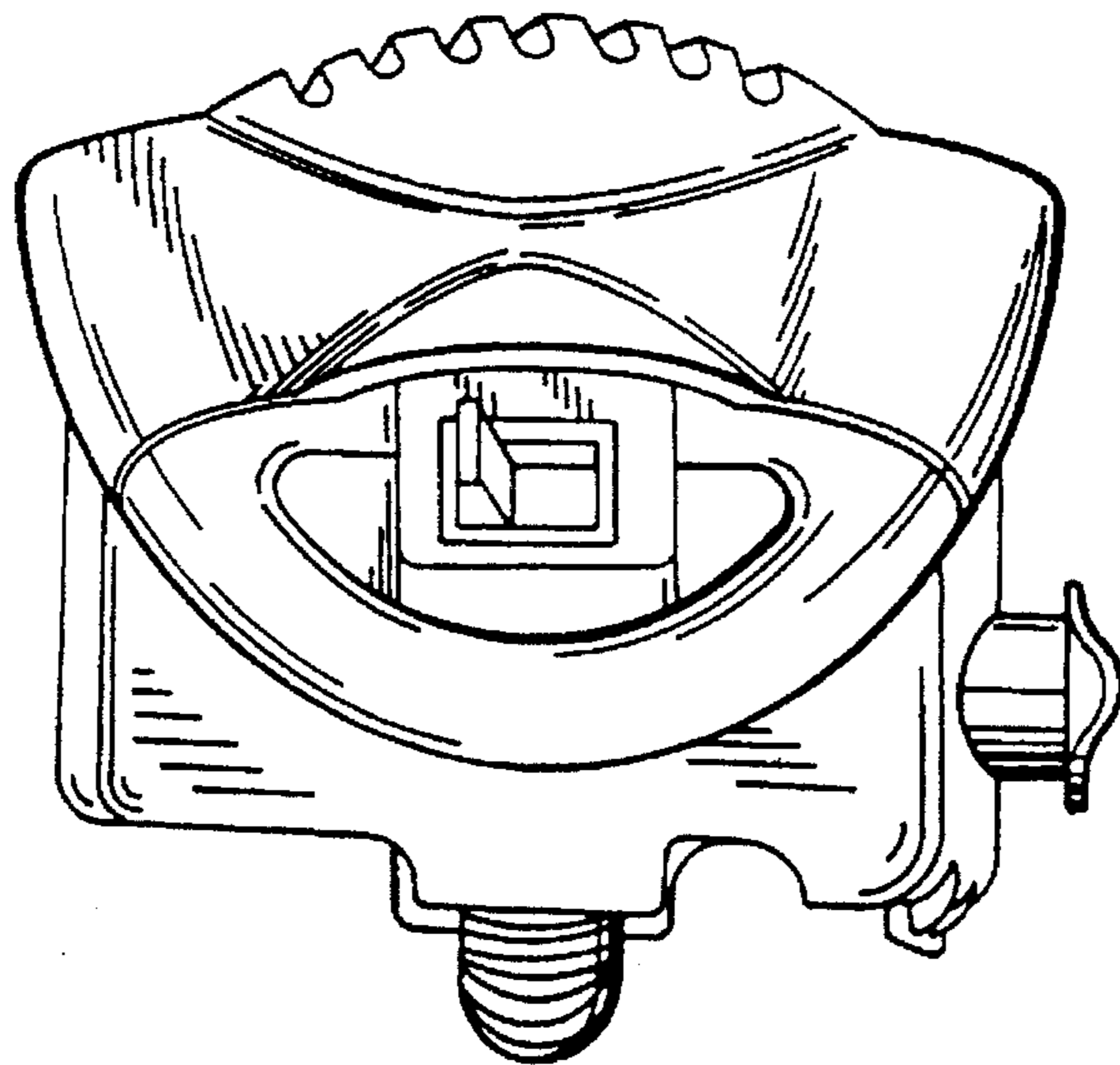


Fig. 6

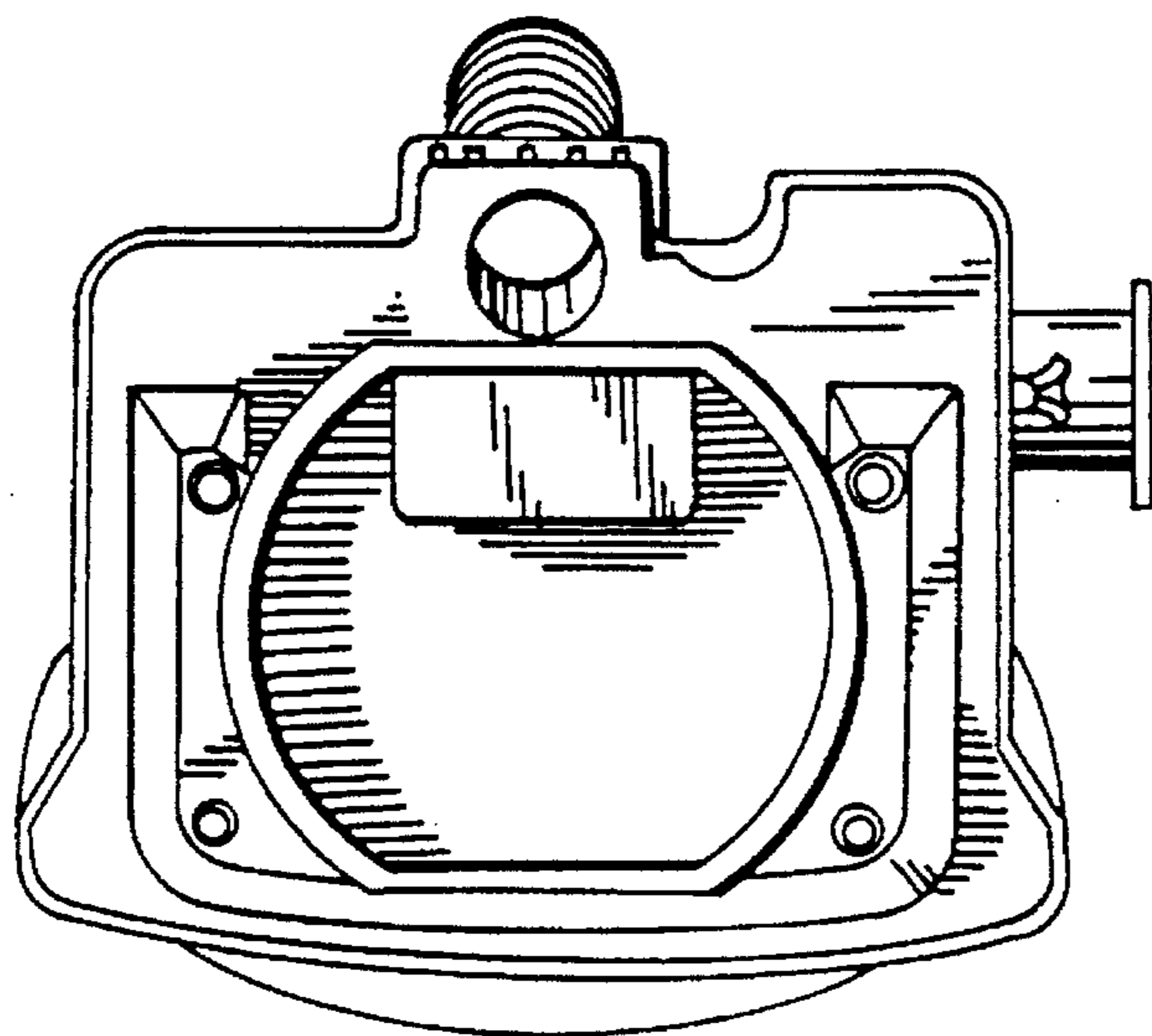


Fig. 7