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United States Patent [19]

Umbach et al.

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- [54] **HAND-HELD VACUUM CLEANER**
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Robert Fitzpatrick, Holland, both of Mich.
- [73] Assignee: **Bissell Inc.**, Grand Rapids, Mich.
- [**] Term: **14 Years**
- [21] Appl. No.: **30,011**
- [22] Filed: **Sep. 27, 1994**
- [52] U.S. Cl. **D32/18**
- [58] Field of Search D32/17-18; 15/329,
15/344, 347; 119/87; 43/139

- 5,218,736 6/1993 Bartasevich et al. .
- 5,329,666 7/1994 Bowerman et al. .

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

[57] CLAIM

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

[56] References Cited

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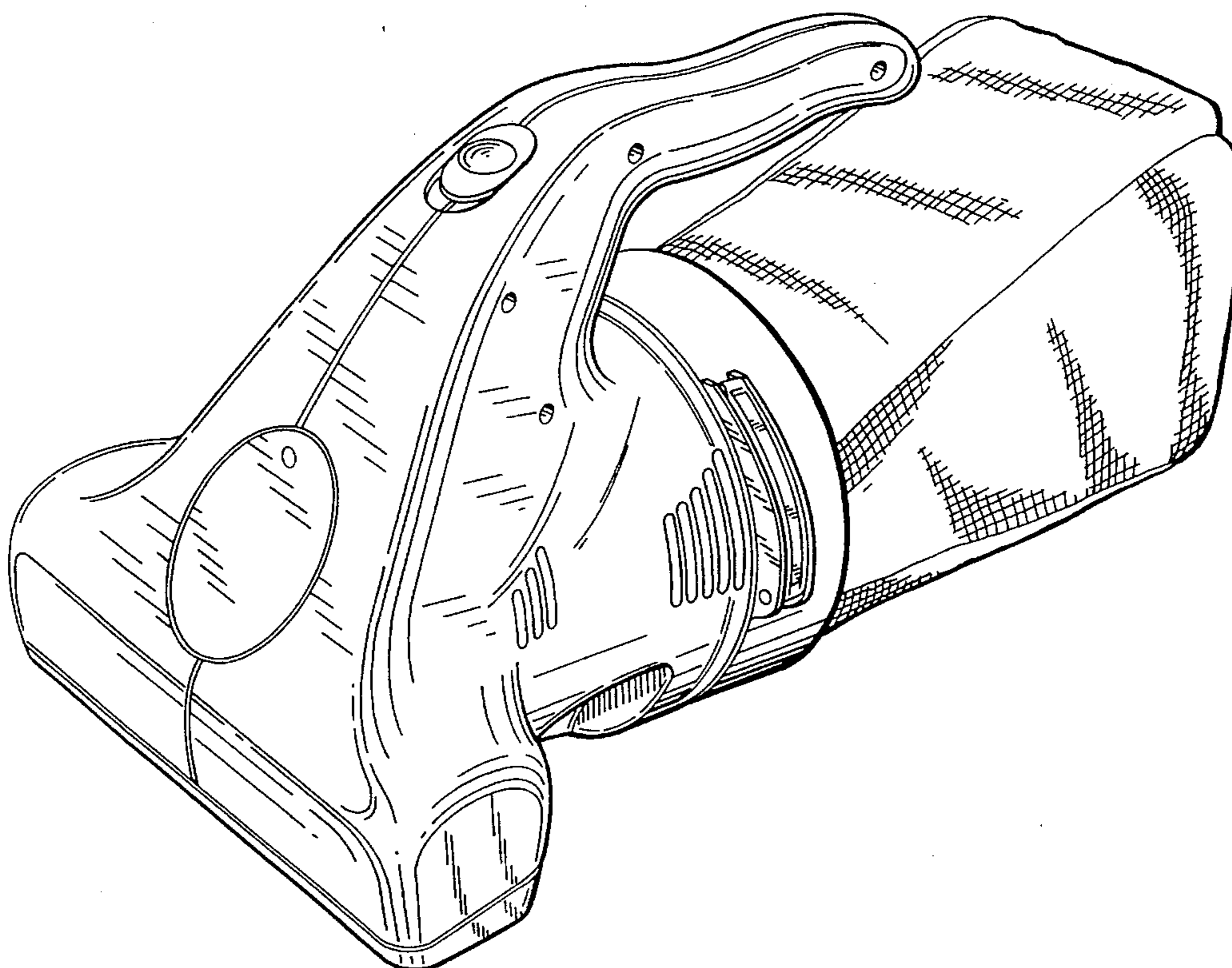
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DESCRIPTION

FIG. 1 is a perspective view of a hand-held 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;
 FIG. 6 is a top plan view thereof; and,
 FIG. 7 is a bottom plan view thereof.

The crosshatch shading shown in all views is understood to repeat through the indicated area. The broken lines in FIGS. 2, 3 and 6 are understood to represent conventional stitching.

1 Claim, 6 Drawing Sheets



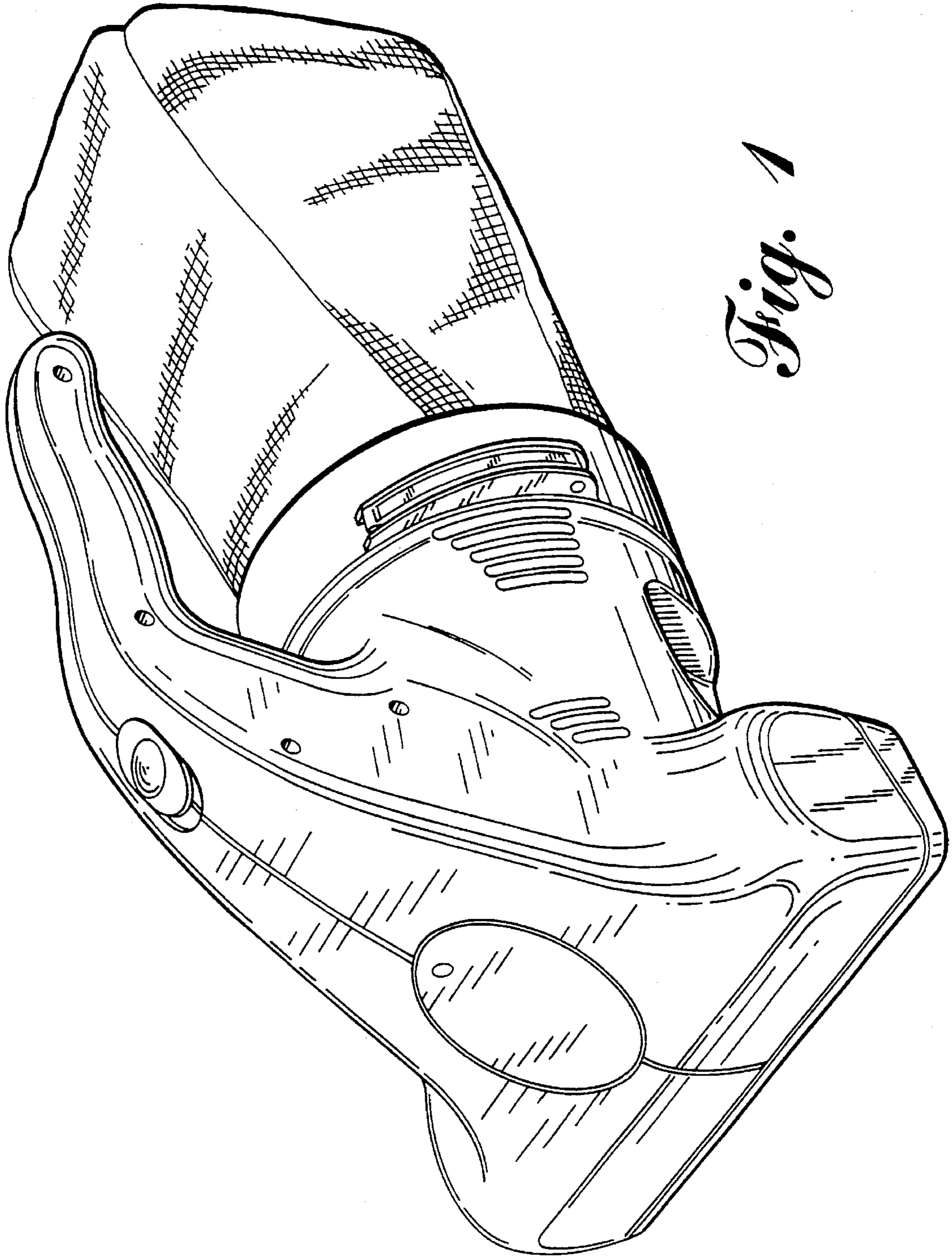


Fig. 1

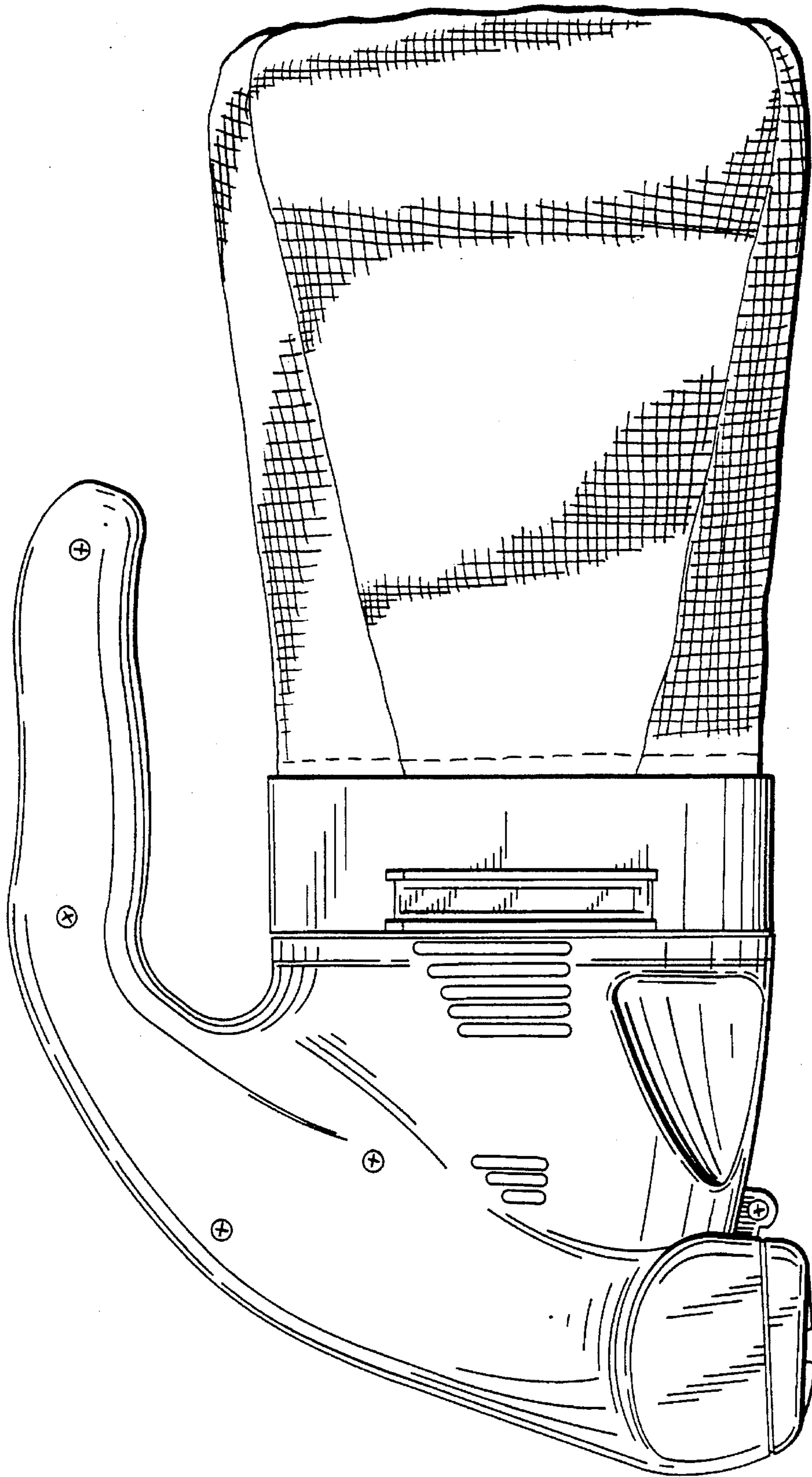


Fig. 2

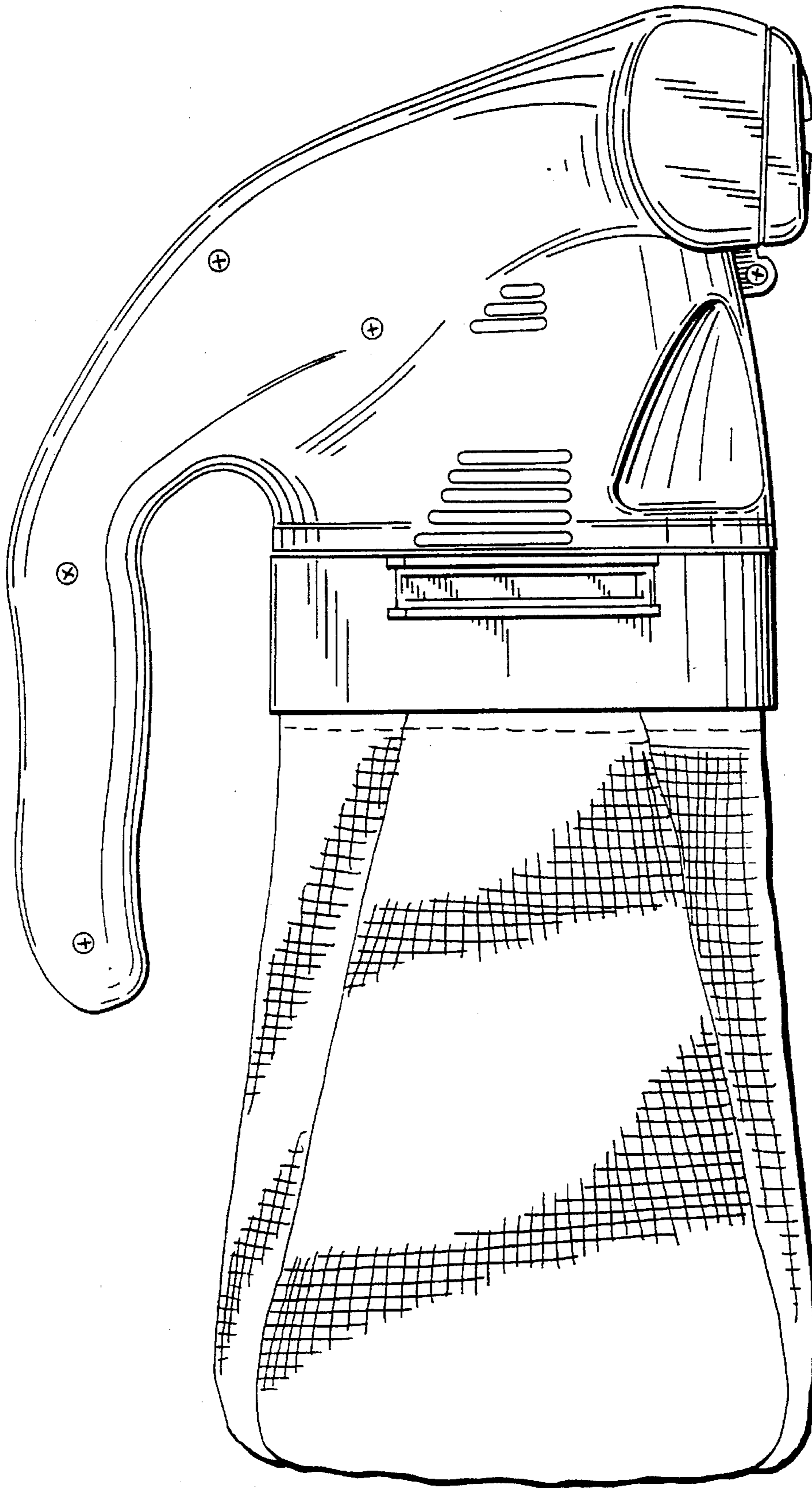


Fig. 3

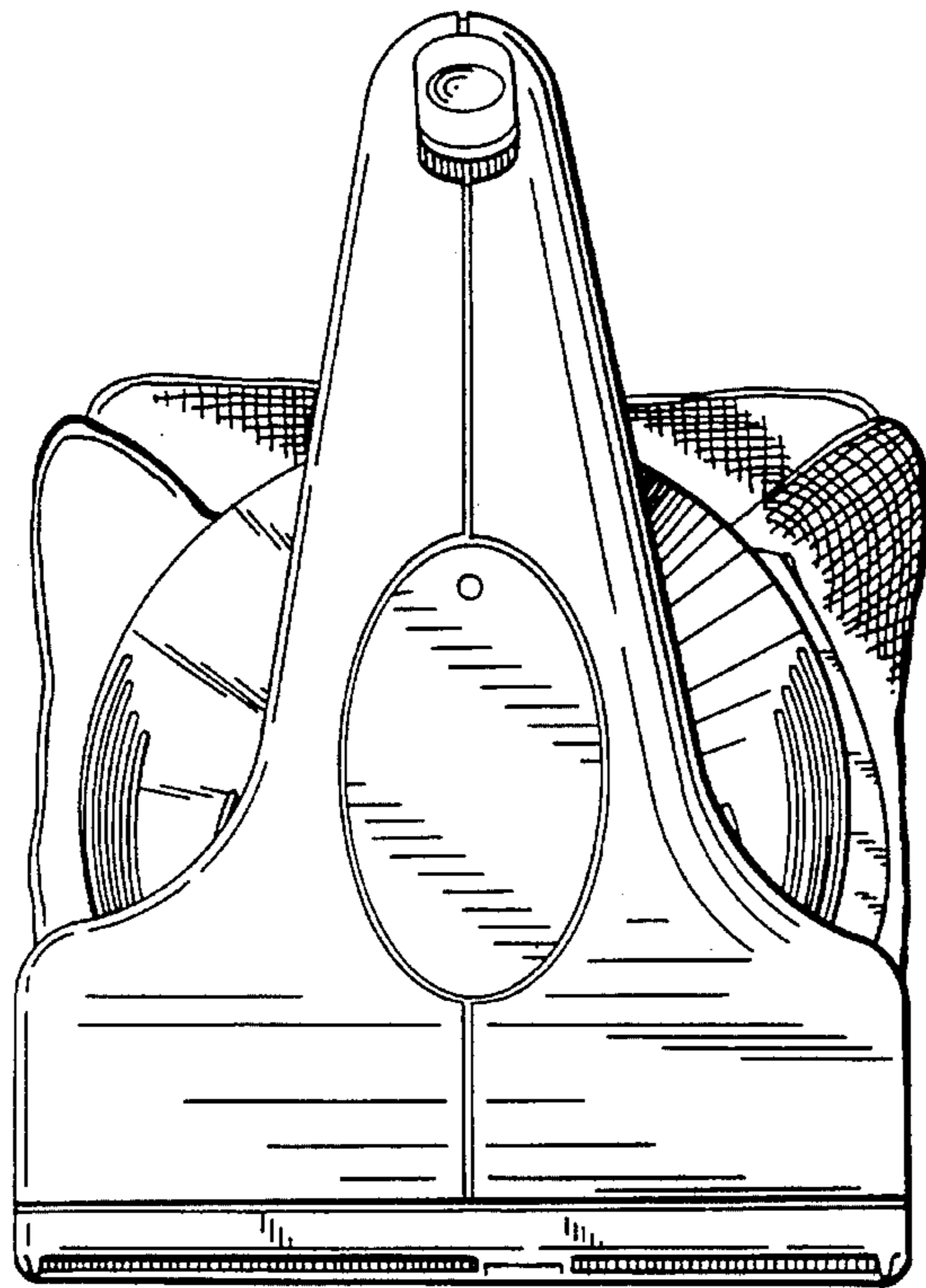


Fig. 4

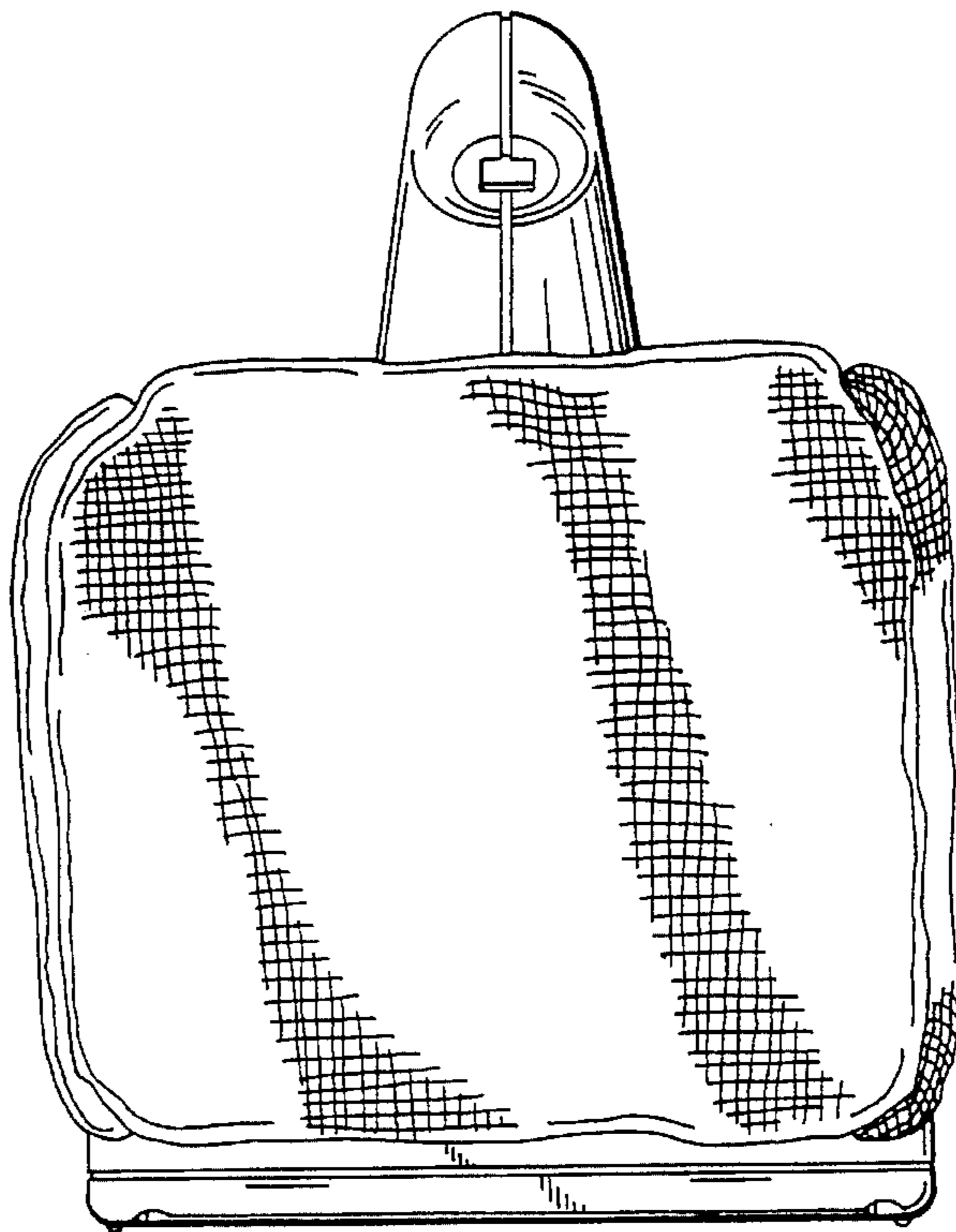


Fig. 5

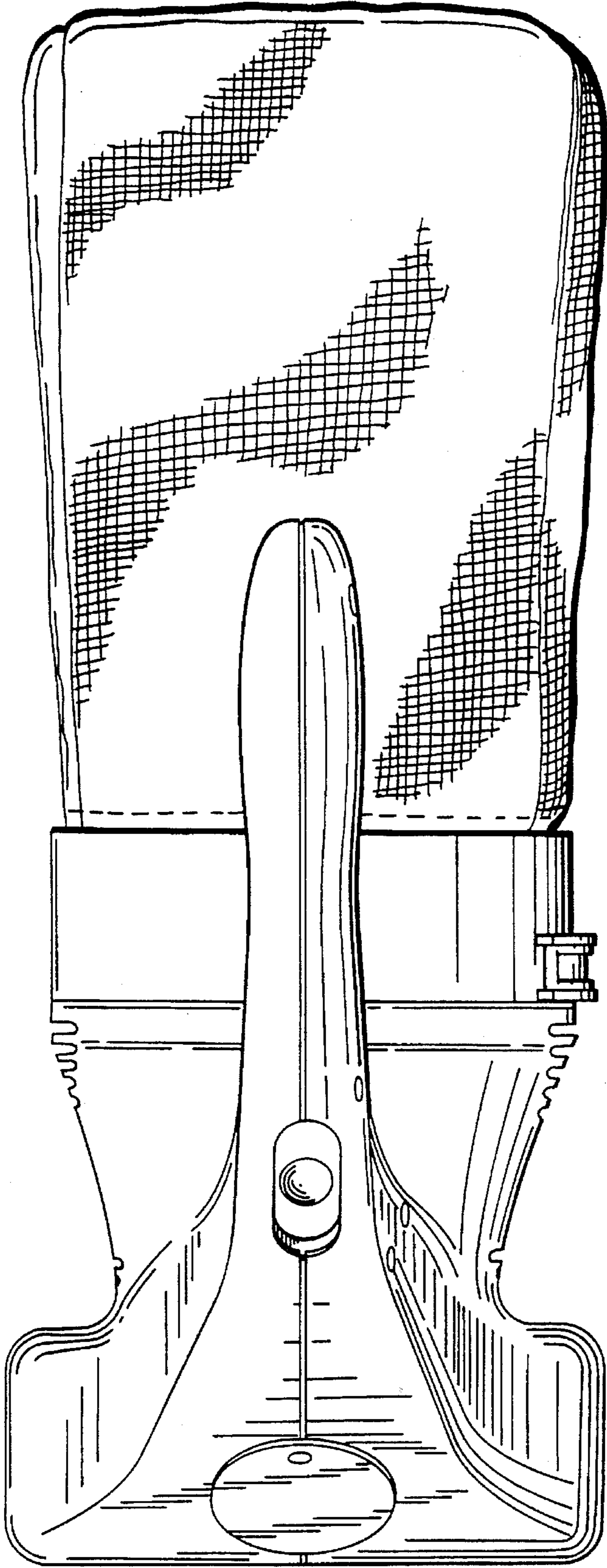


Fig. 6

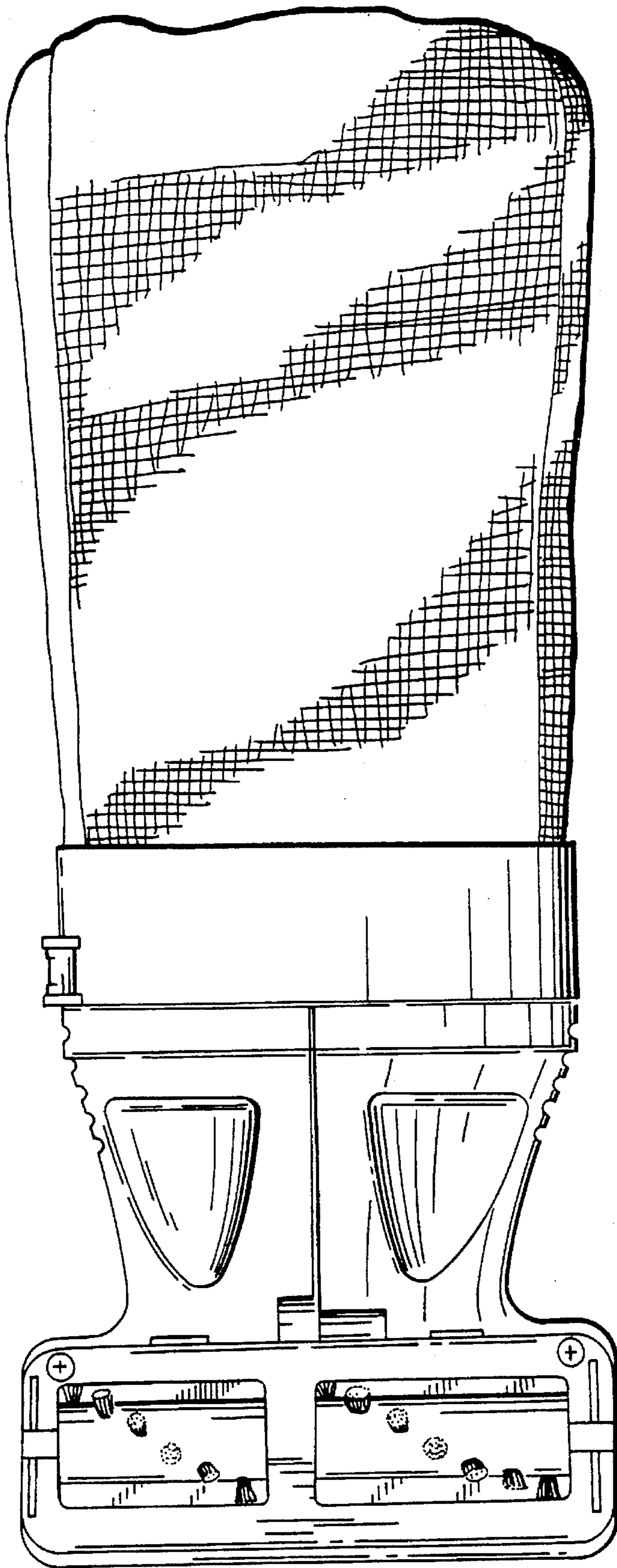


Fig. 7