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United States Patent [19]

[11] **Patent Number: Des. 421,652**

Gamper et al.

[45] **Date of Patent: ** Mar. 14, 2000**

[54] **POWERED EXTERNAL VACUUM APPLIANCE FOR THE TREATMENT OF IMPOTENCE**

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[75] Inventors: **Steven C. Gamper**, Atlanta; **David S. Rowley**, Smyrna; **Stephen J. Flynn**, Peachtree City; **Devin L. Moore**, Decatur; **John A. McMillan**, Atlanta; **John M. Mitchell**, Martinez; **Maureen Carroll**, Atlanta, all of Ga.

OTHER PUBLICATIONS

“Penile Plethysmography on Impotent Men Using Vacuum Constrictor Devices”; by Marmar, et al.; pp. 198–203, vol. XXXII, No. 3; Sep. 1988.

[73] Assignee: **Osbon Medical Systems, Ltd.**, Augusta, Ga.

RFSU Vacuum Pump Active Erection System Instruction Manual and Product Details; 1991, 11 pages.

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

“Santoprene” Thermoplastic Rubber Specification Sheet, Undated, 1 page.

[21] Appl. No.: **29/088,630**

Primary Examiner—Stella Reid
Attorney, Agent, or Firm—Burns, Doane, Swecker & Mathis, L.L.P.

[22] Filed: **May 27, 1998**

Related U.S. Application Data

[57] CLAIM

[62] Division of application No. 29/053,584, Apr. 25, 1996, Pat. No. Des. 398,998.

The ornamental design for a powered external vacuum appliance for the treatment of impotence, as shown and described.

[51] **LOC (6) Cl. 24-02**

DESCRIPTION

[52] **U.S. Cl. D24/143**

[58] **Field of Search D24/143, 133; 600/38, 41**

FIG. 1 is a back end elevational view of the vacuum cylinder component of a powered external vacuum appliance for the treatment of impotence, embodying our new design;

[56] References Cited

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FIG. 2 is a top plan view thereof, the bottom plan view being identical thereto;

FIG. 3 is a right side elevational view thereof, the left side elevational view being identical thereto;

FIG. 4 is a front end elevational view thereof;

FIG. 5 is a back end elevational view of the cylinder mount and pump housing component of the powered external vacuum appliance for the treatment of impotence;

FIG. 6 is a right side elevational view thereof, the left side elevational view being identical thereto;

FIG. 7 is a top plan view thereof;

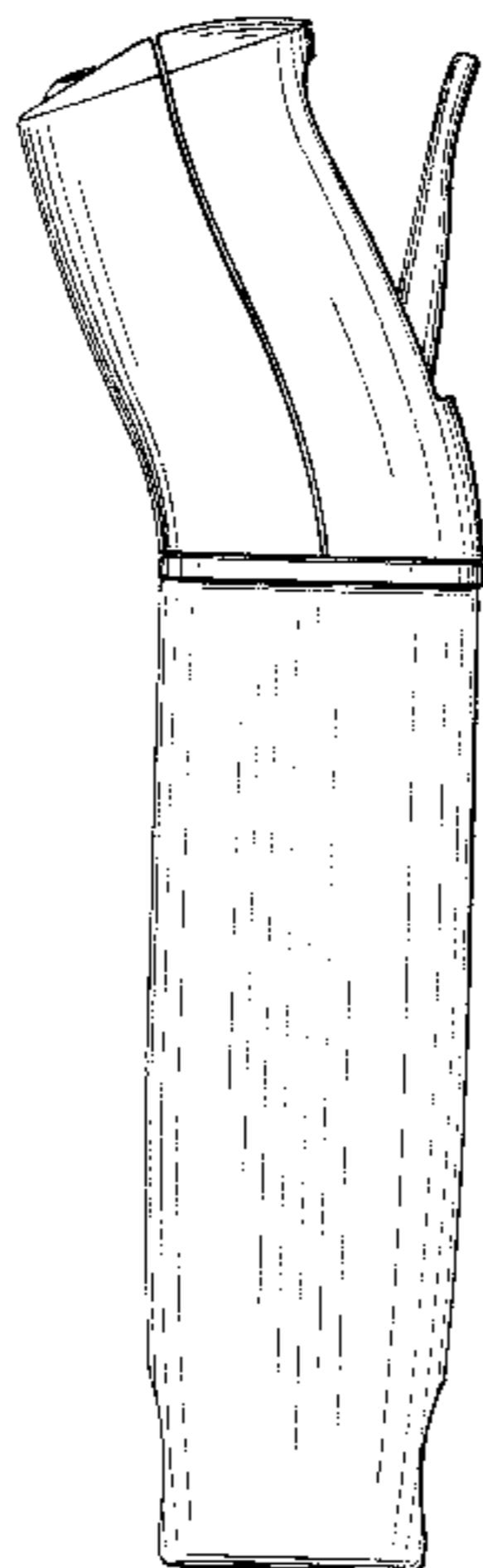
FIG. 8 is a bottom plan view thereof;

FIG. 9 is a front end elevational view thereof; and,

FIG. 10 is a right side elevational view of the vacuum cylinder component and the cylinder mount and pump housing component in combined condition.

(List continued on next page.)

1 Claim, 3 Drawing Sheets



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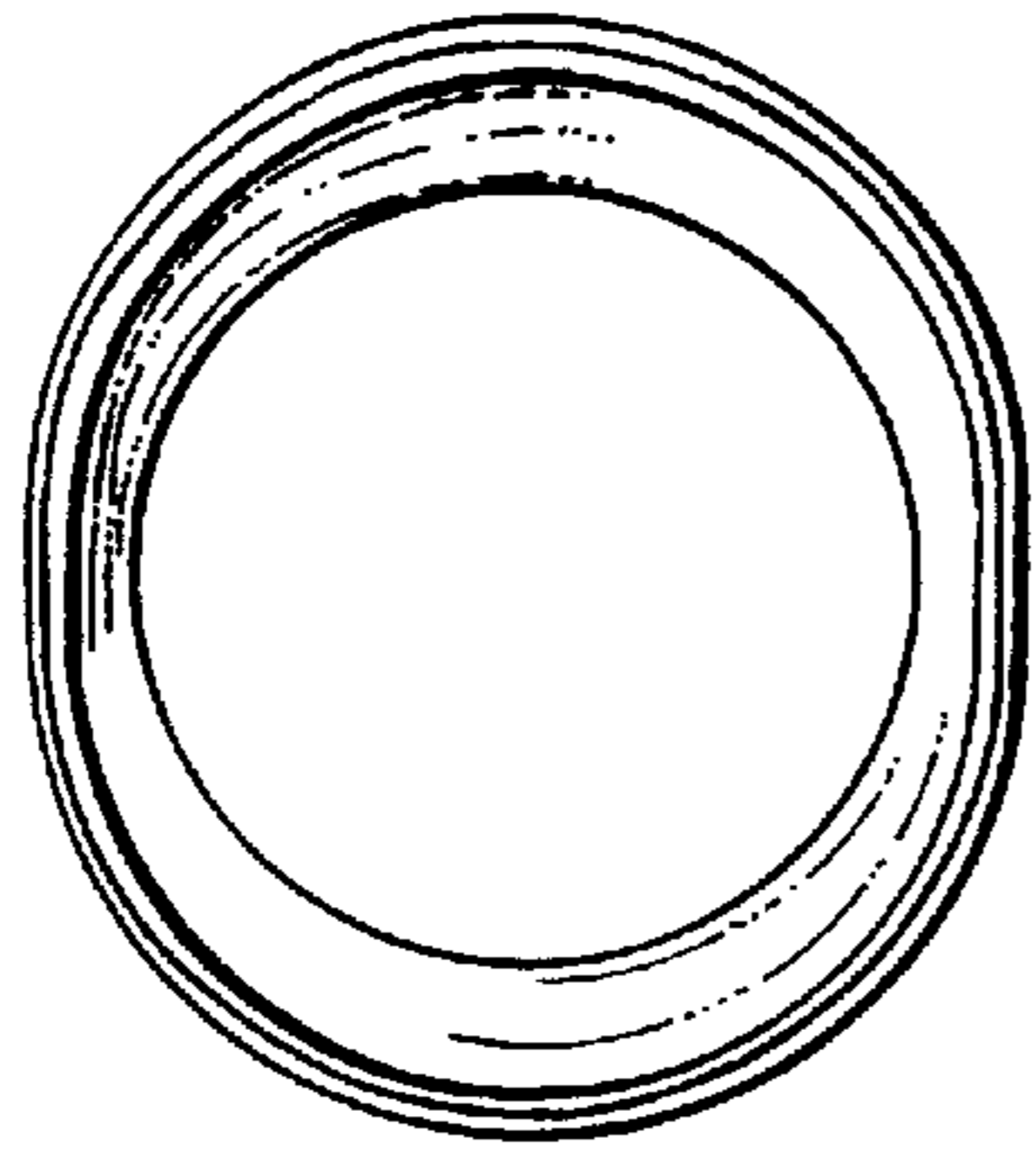


Fig. 1

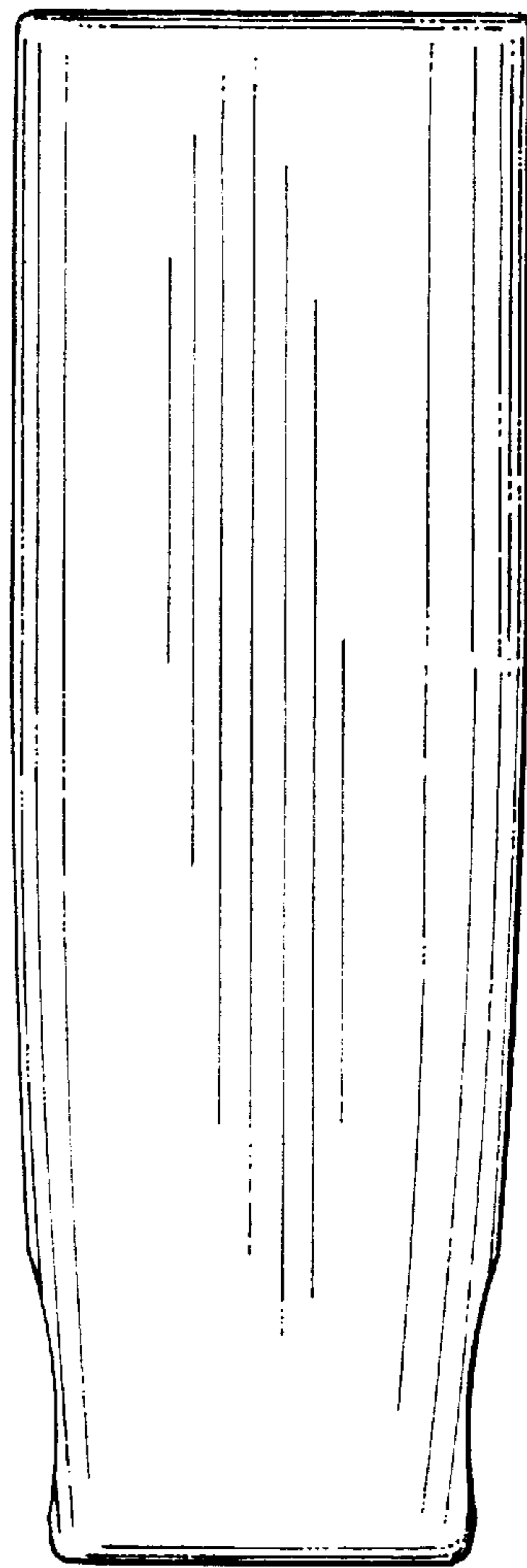


Fig. 3

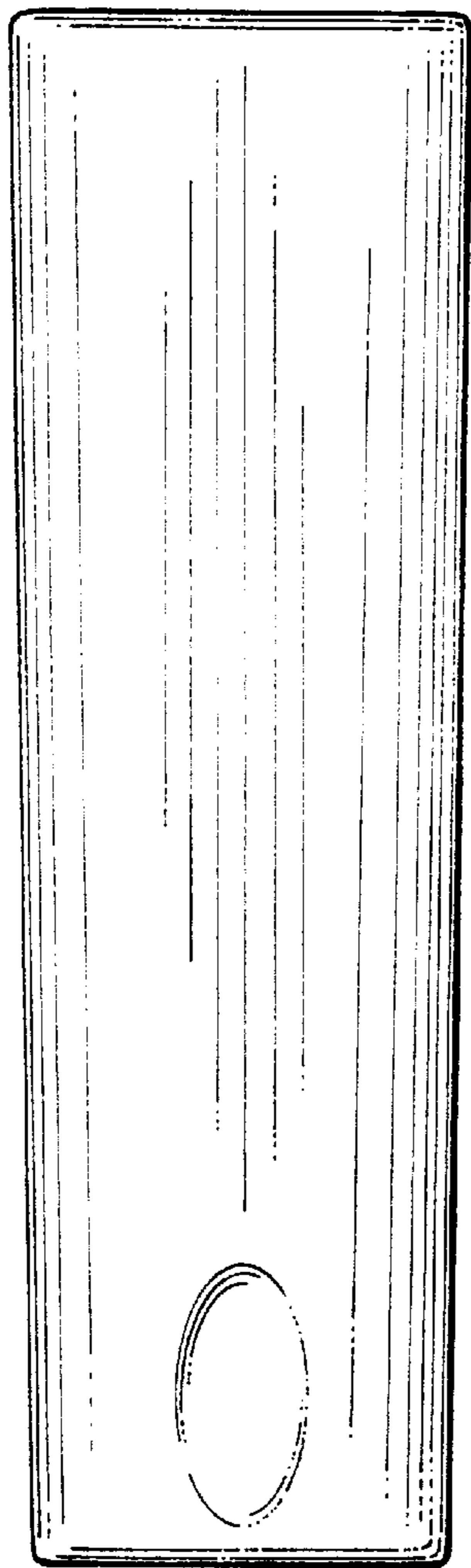


Fig. 2

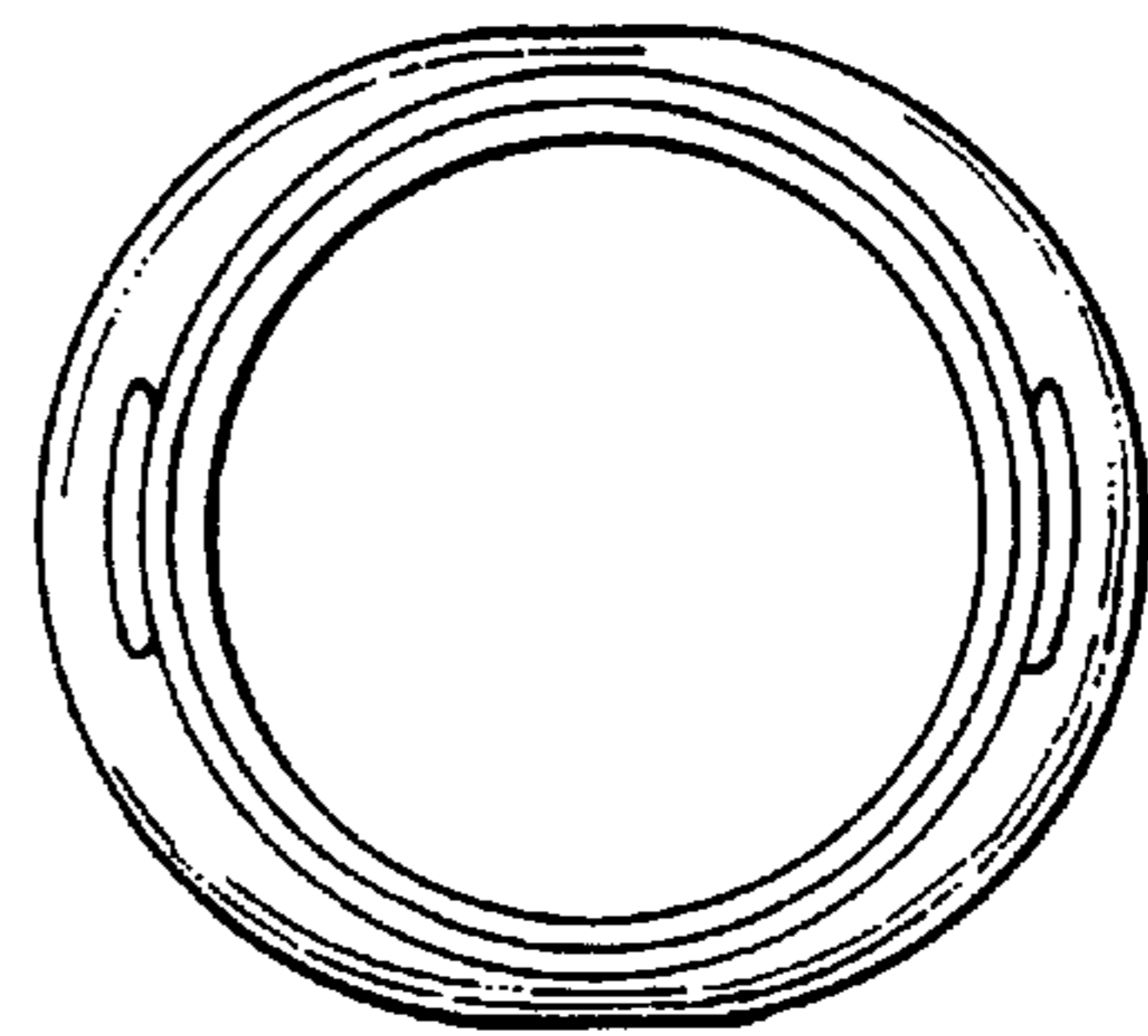


Fig. 4

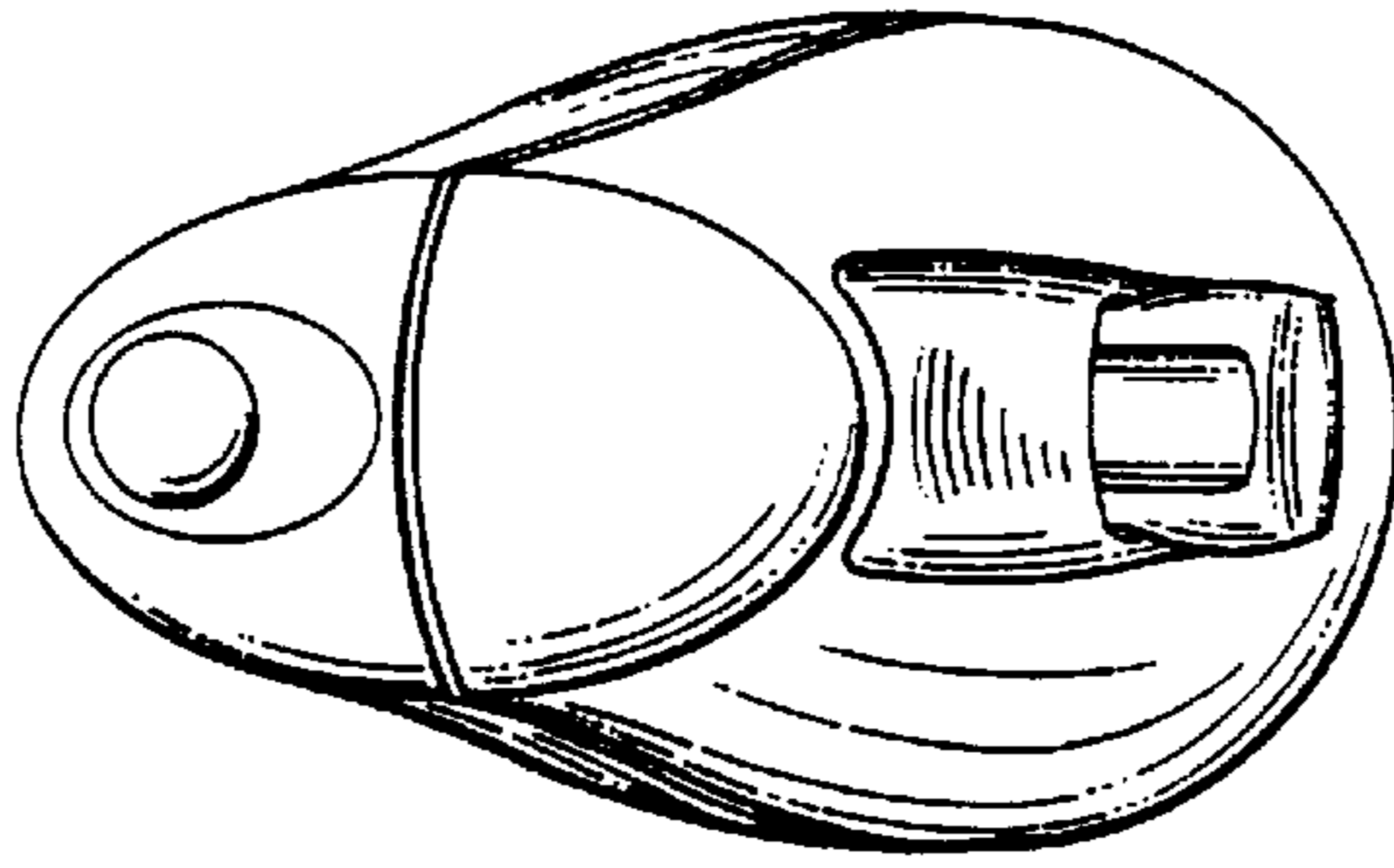


Fig. 5

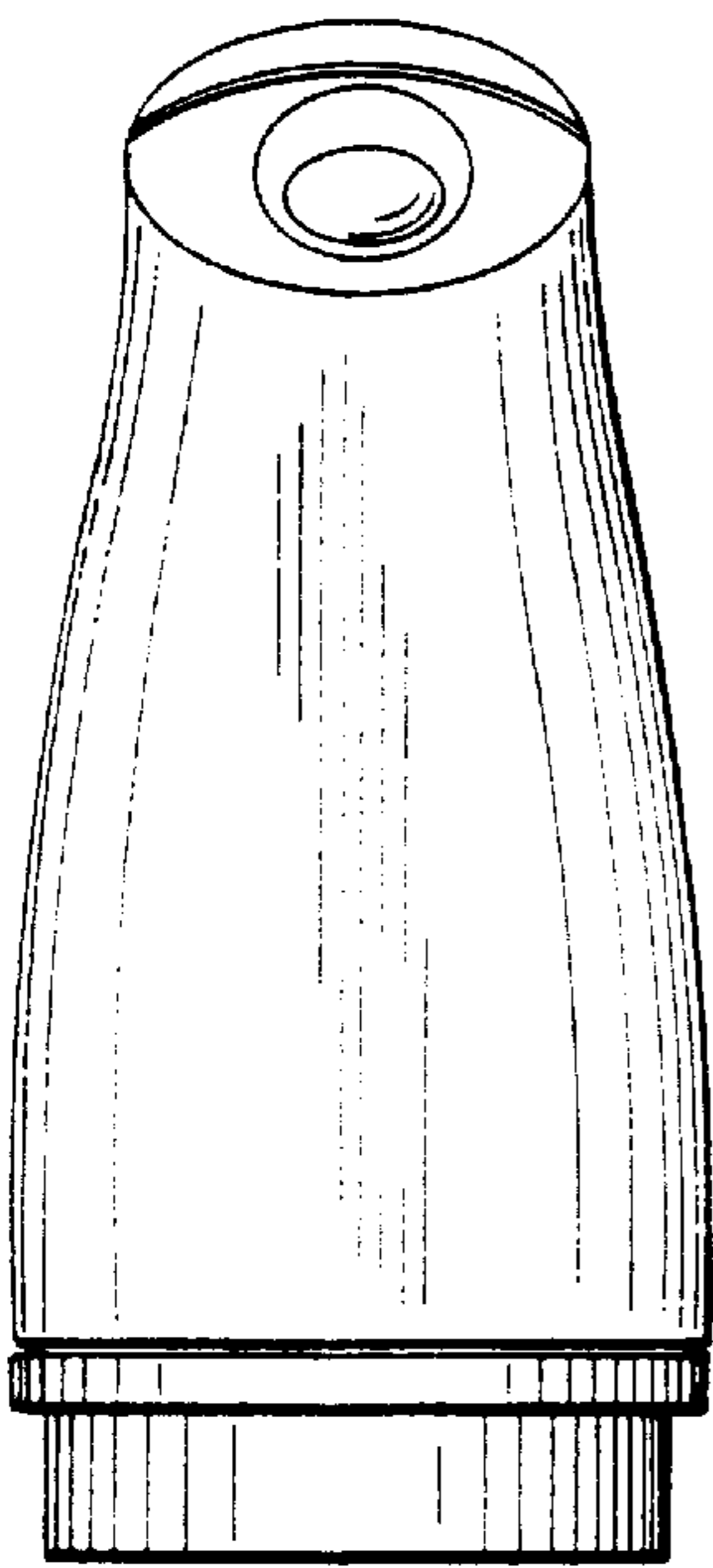


Fig. 7

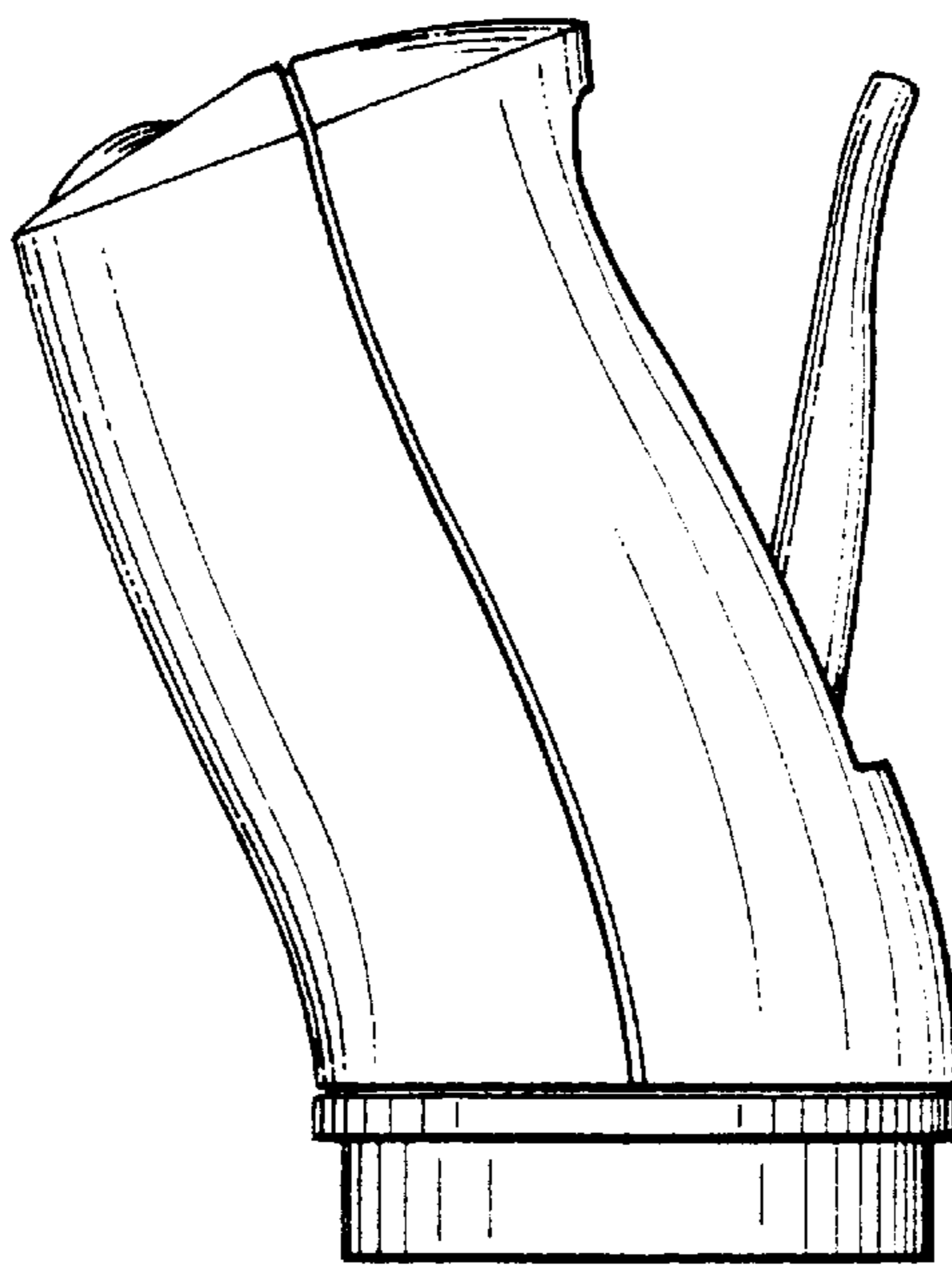


Fig. 6

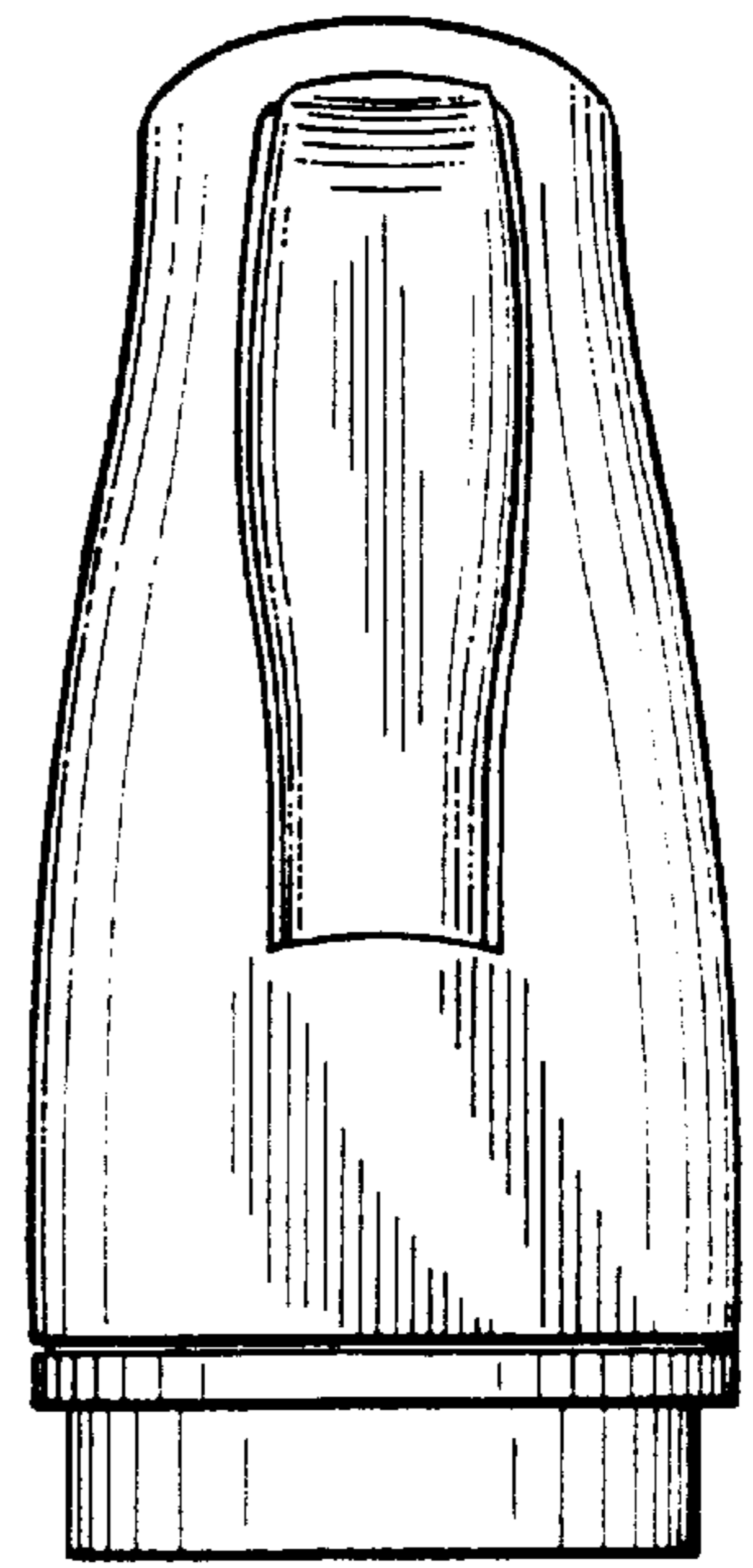


Fig. 8

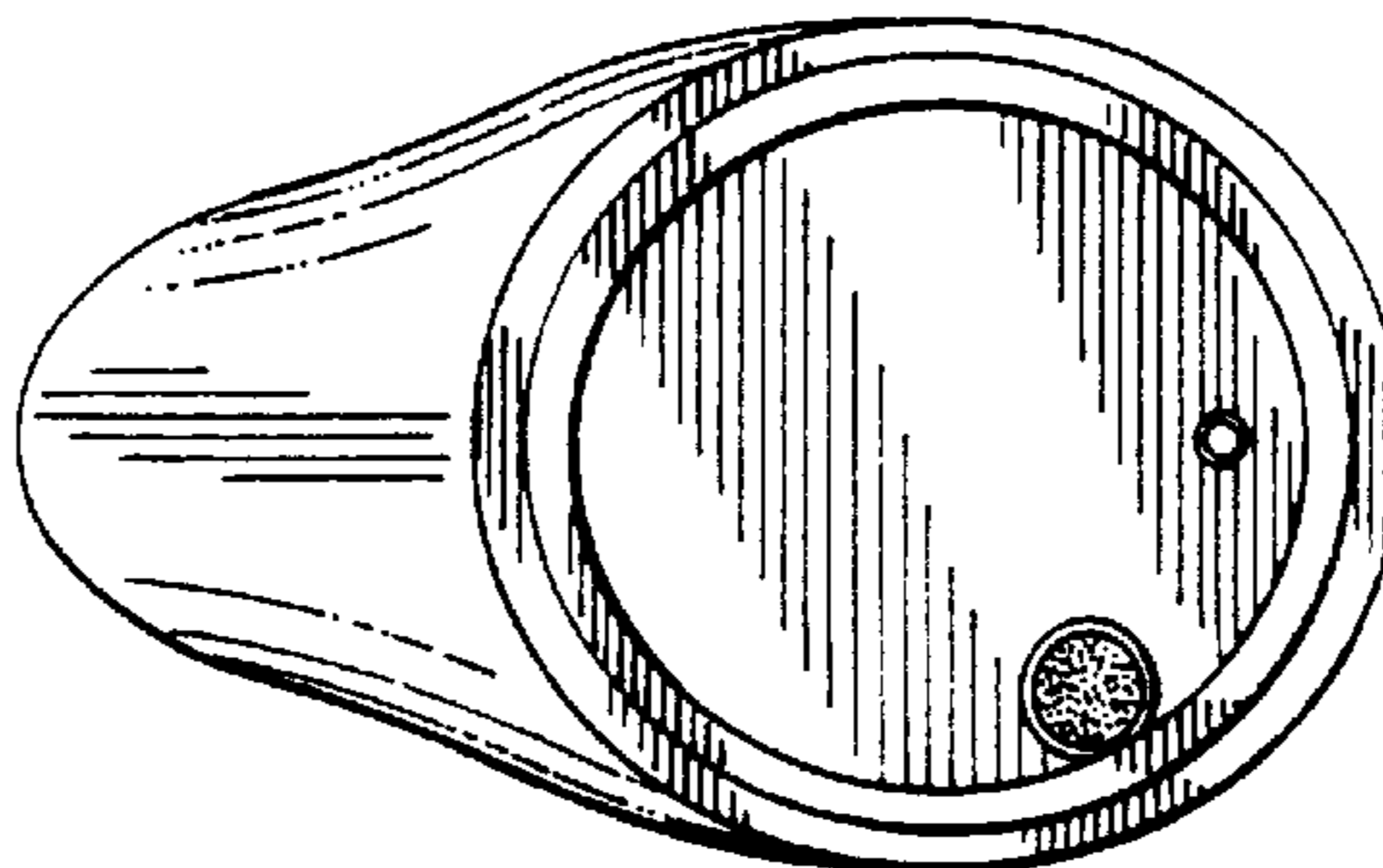


Fig. 9

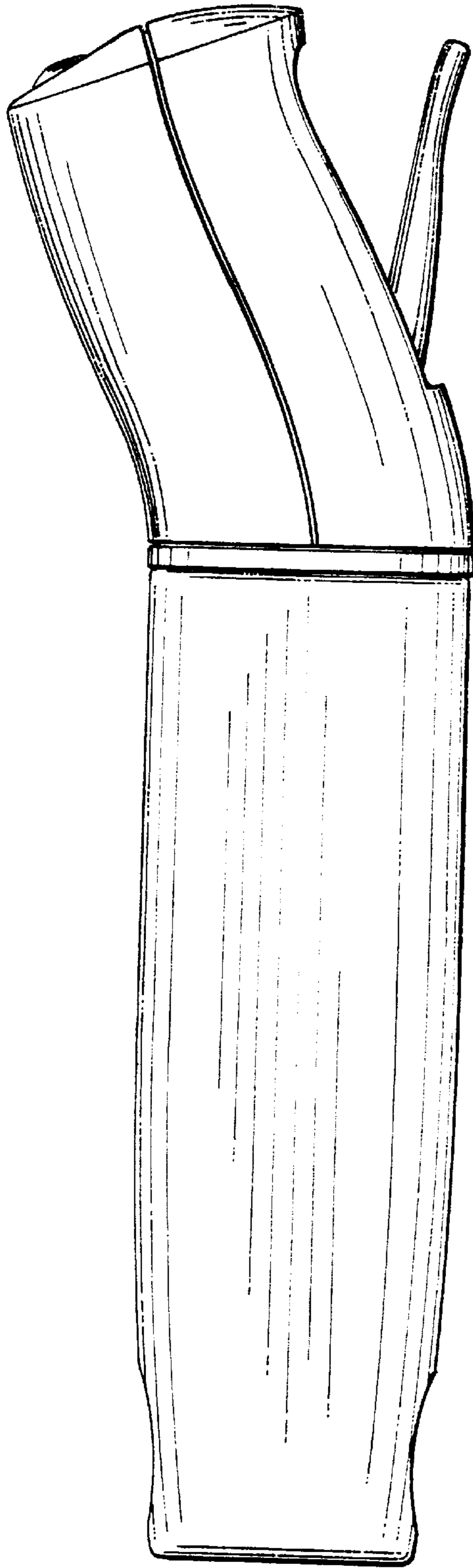


Fig. 10