



US00D434143S

United States Patent [19] Poynter

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[45] Date of Patent: ** Nov. 21, 2000

[54] PLUNGERLESS SYRINGE

[75] Inventor: **Richard Q. Poynter**, Palm Beach Gardens, Fla.

[73] Assignee: **Vital Signs, Inc**, Totawa, N.J.

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

[21] Appl. No.: **29/124,456**

[22] Filed: **Jun. 6, 2000**

D. 398,838	9/1998	Nielsen	D9/301
2,667,872	2/1954	Smith	604/204
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Primary Examiner—Ian Simmons
Attorney, Agent, or Firm—R. Gale Rhodes, Jr.

[57] CLAIM

I claim the ornamental design for the plungerless syringe, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a plungerless syringe showing my new design, the rear elevational view being a mirror image thereto;
 FIG. 2 is a top plan view thereof;
 FIG. 3 is a bottom plan view thereof; and
 FIG. 4 is a right side elevational view thereof, the left side elevational view being a mirror image thereto
 FIG. 5 is a front elevational view of a second embodiment of a plungerless syringe showing my new design, the rear elevational view being a mirror image thereto;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof; and,
 FIG. 8 is a right side elevational view thereof, the left side elevational view being a mirror image thereto.

Related U.S. Application Data

[60] Division of application No. 29/099,265, Jan. 15, 1999, Pat. No. Des. 430,664, which is a continuation-in-part of application No. 29/087,760, May 8, 1998, Pat. No. Des. 419,672, which is a continuation-in-part of application No. 29/067,145, Feb. 28, 1997, Pat. No. Des. 398,396.

[51] LOC (7) Cl. **24-02**

[52] U.S. Cl. **D24/115**

[58] Field of Search D24/115; D9/302, D9/305; 604/213, 214, 212, 215, 216, 217, 191, 187, 190; 222/96, 94

[56] References Cited

U.S. PATENT DOCUMENTS

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1 Claim, 2 Drawing Sheets

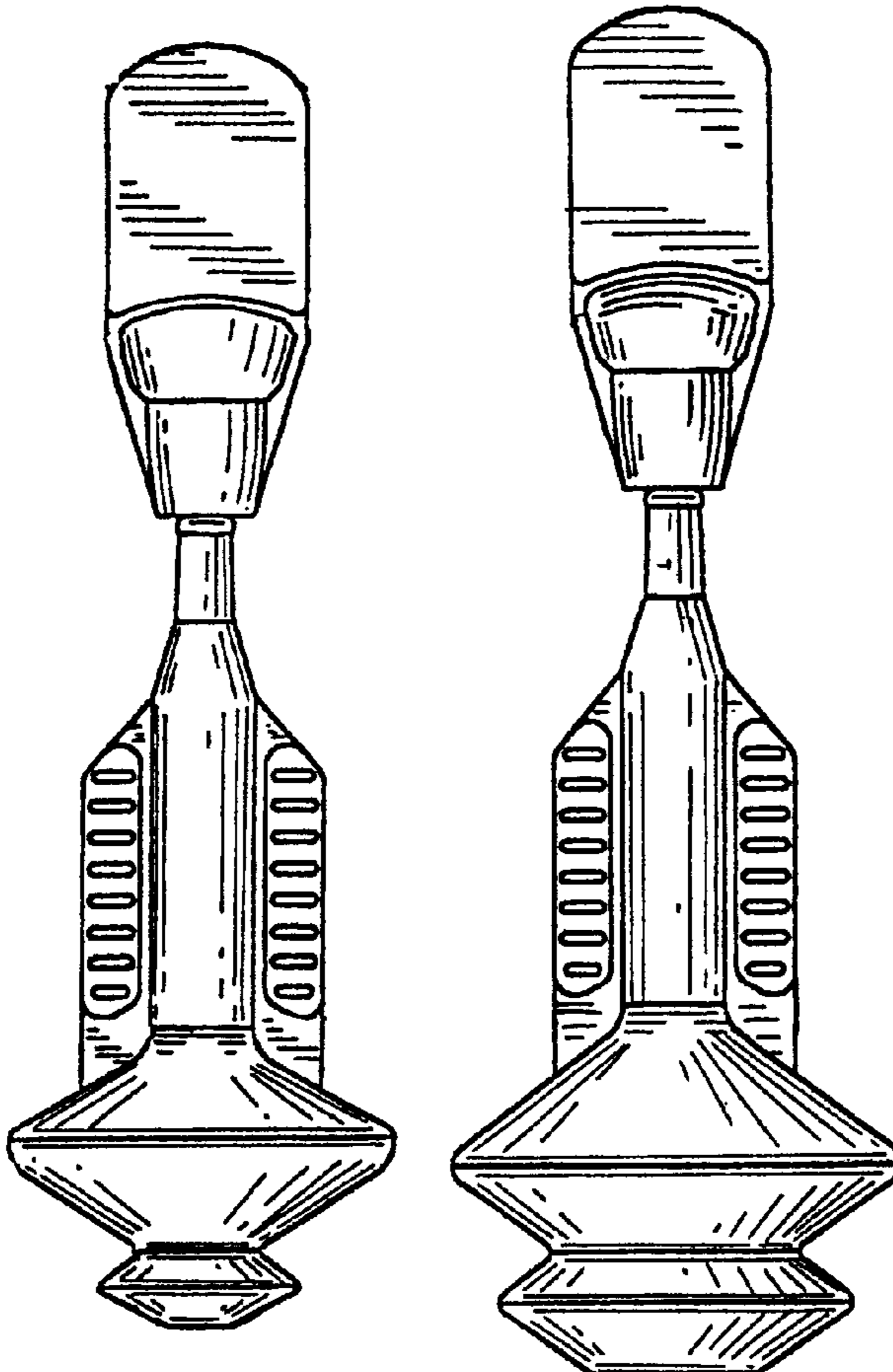


FIG. 1

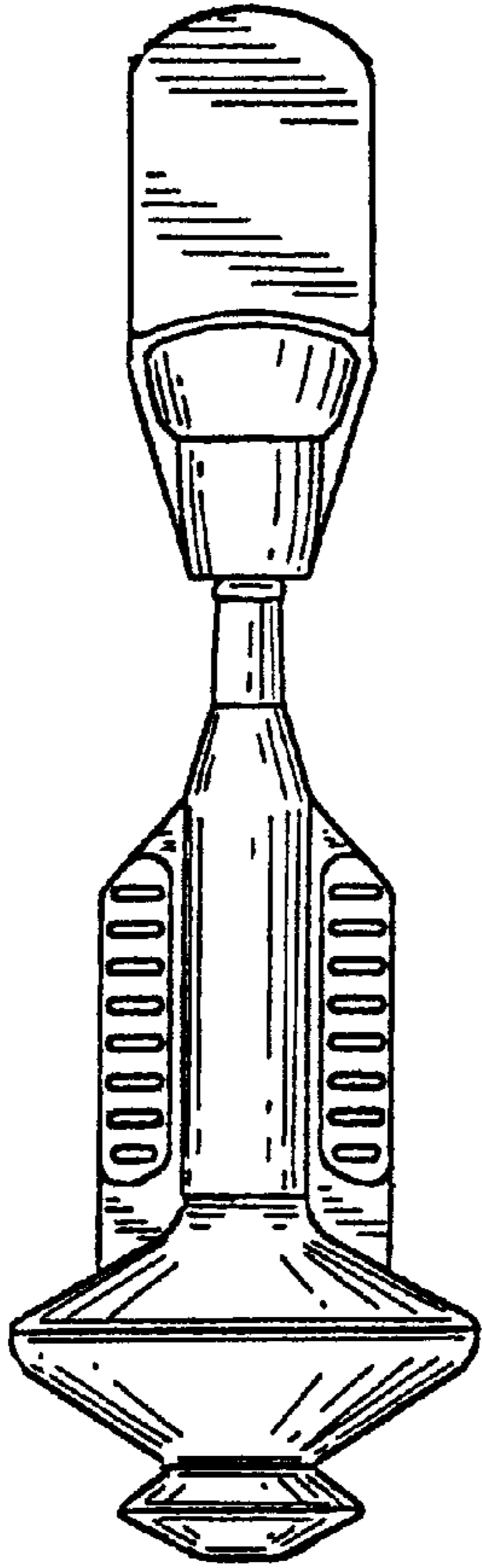


FIG. 4

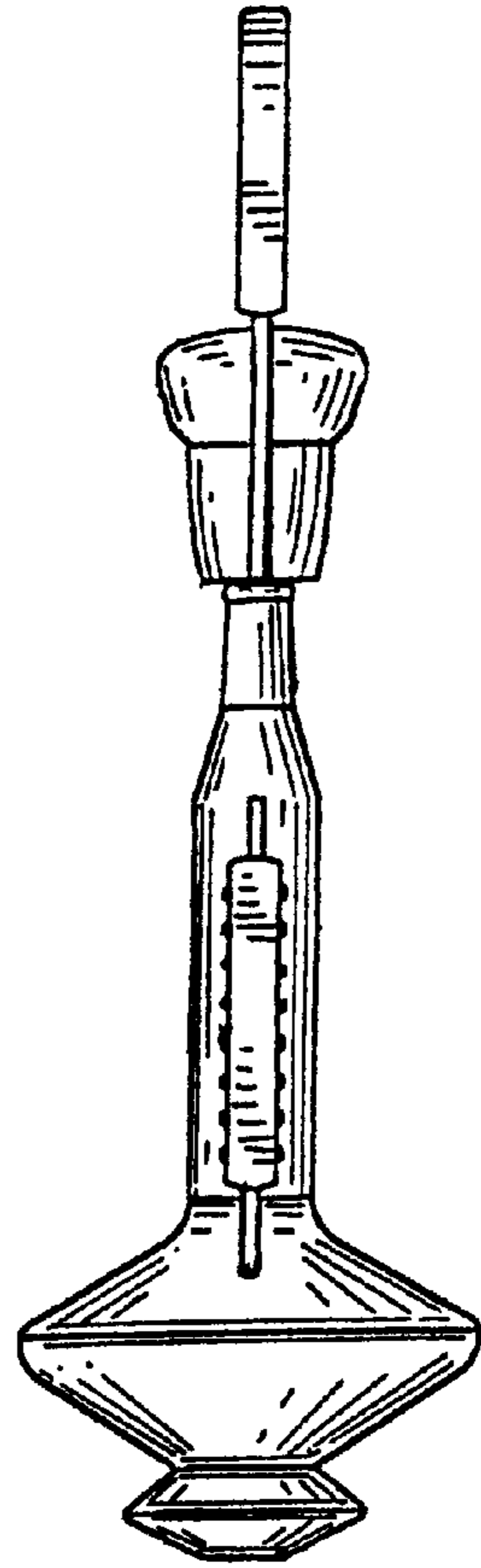


FIG. 2

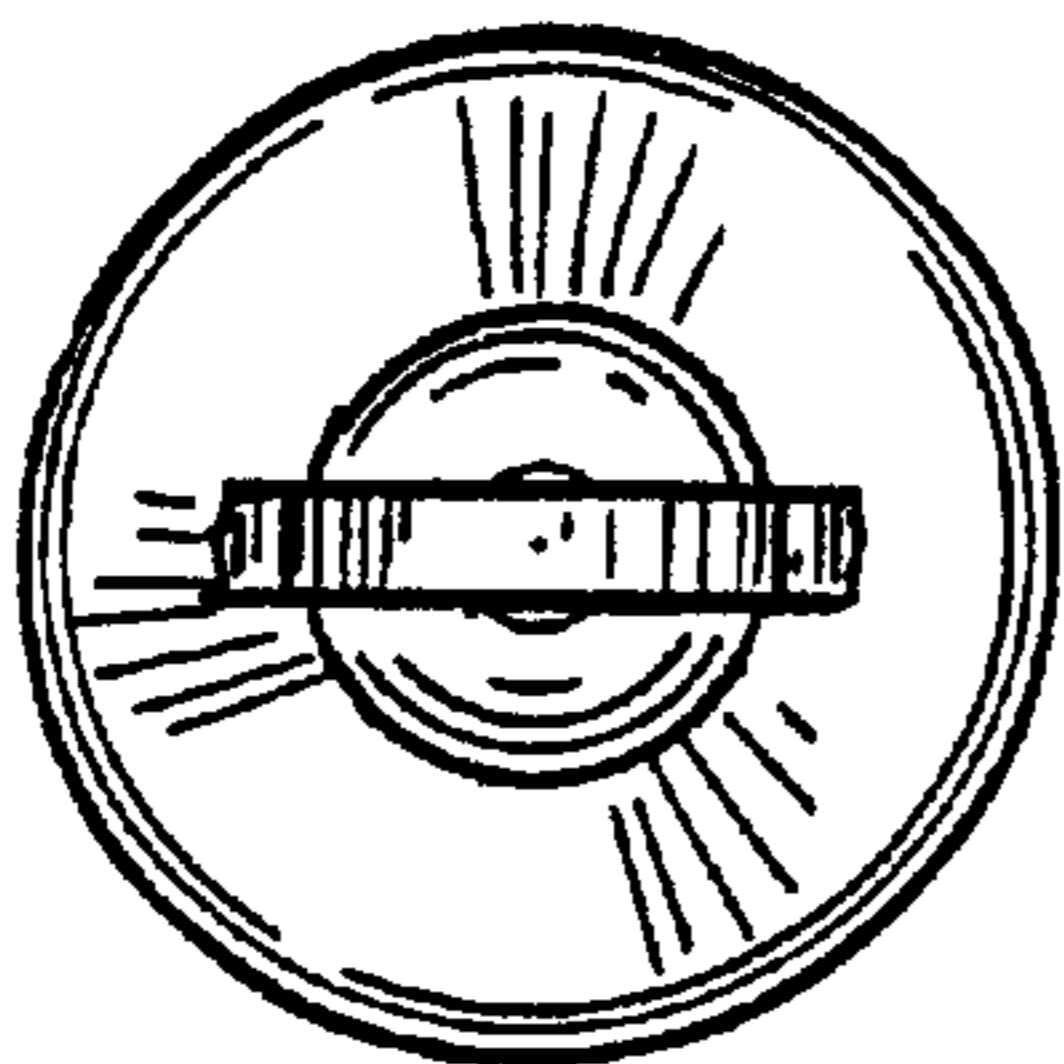


FIG. 3

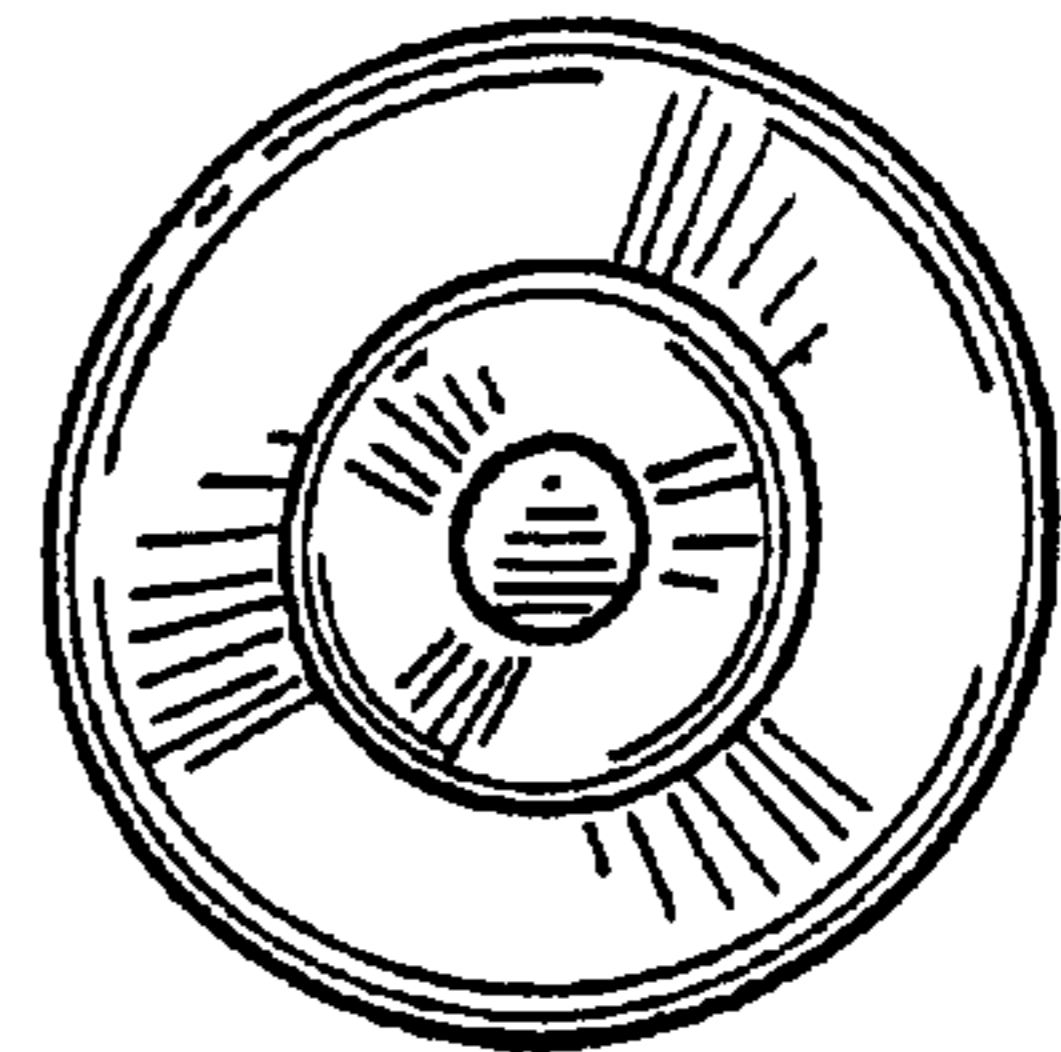


FIG. 5

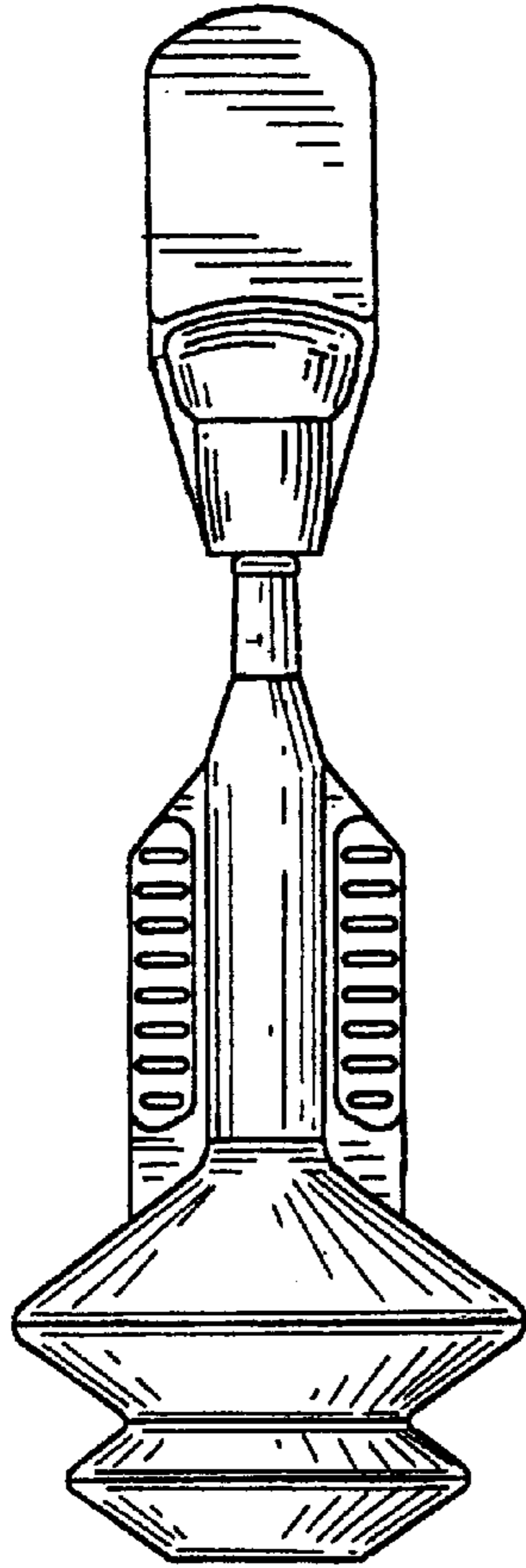


FIG. 8

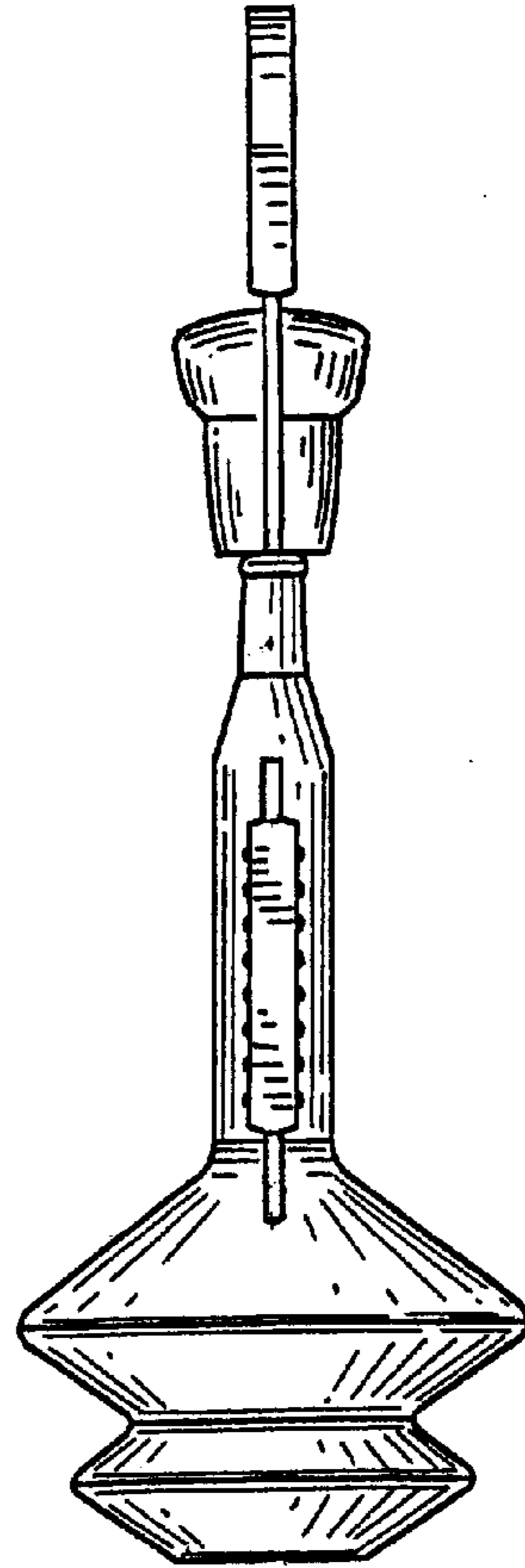


FIG. 6

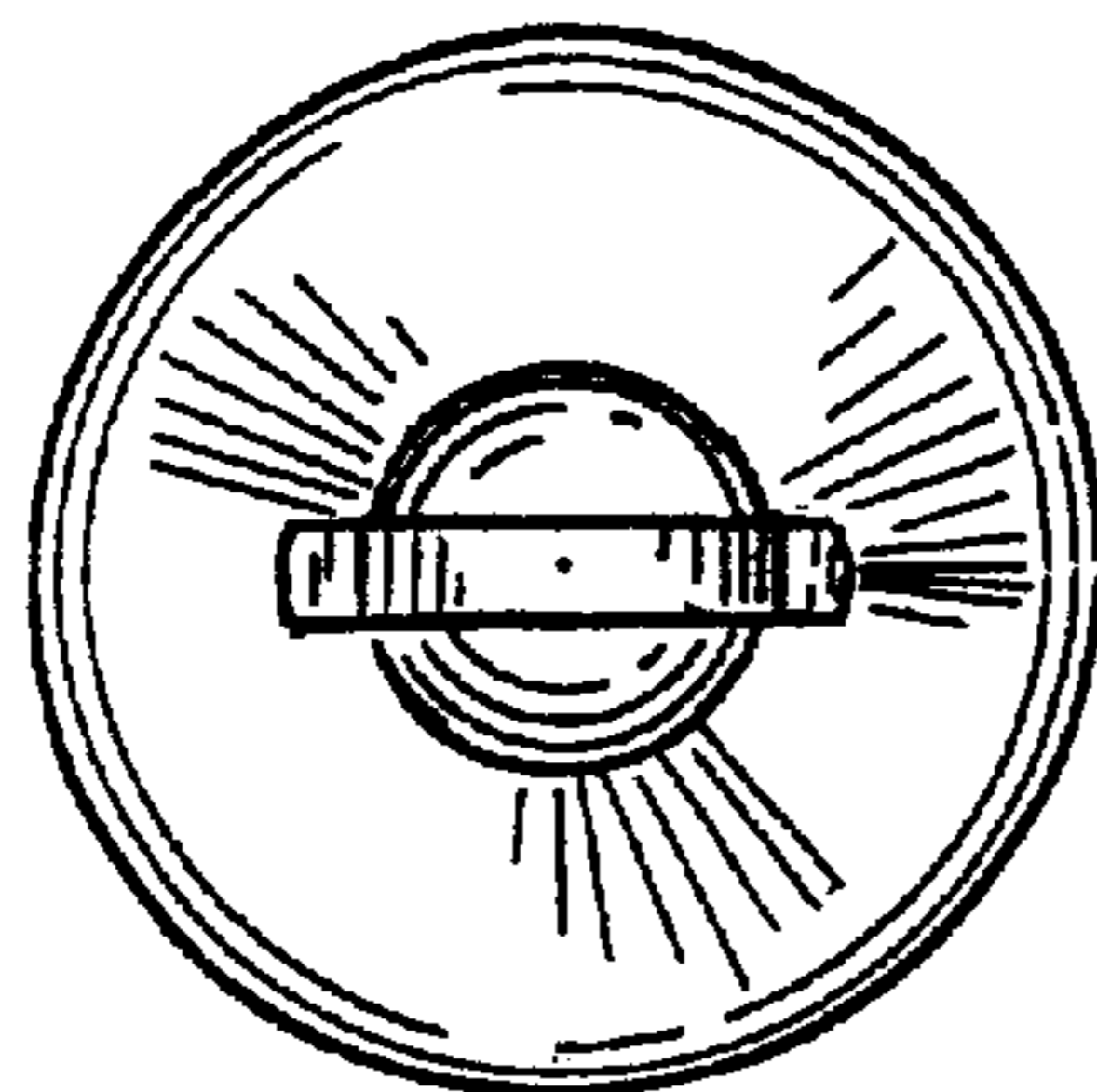


FIG. 7

