



US00D430664S

**United States Patent** [19]  
**Poynter**

[11] **Patent Number: Des. 430,664**

[45] **Date of Patent: \*\* Sep. 5, 2000**

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

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

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

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[21] Appl. No.: **29/099,265**

[22] Filed: **Jan. 15, 1999**

[57] **CLAIM**

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

**Related U.S. Application Data**

[63] 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; 604/212, 213, 214, 215, 216, 217, 191, 187, 190; 222/96, 94

**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 thereto, the left side elevational view being a mirror image thereto.

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

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**1 Claim, 1 Drawing Sheet**

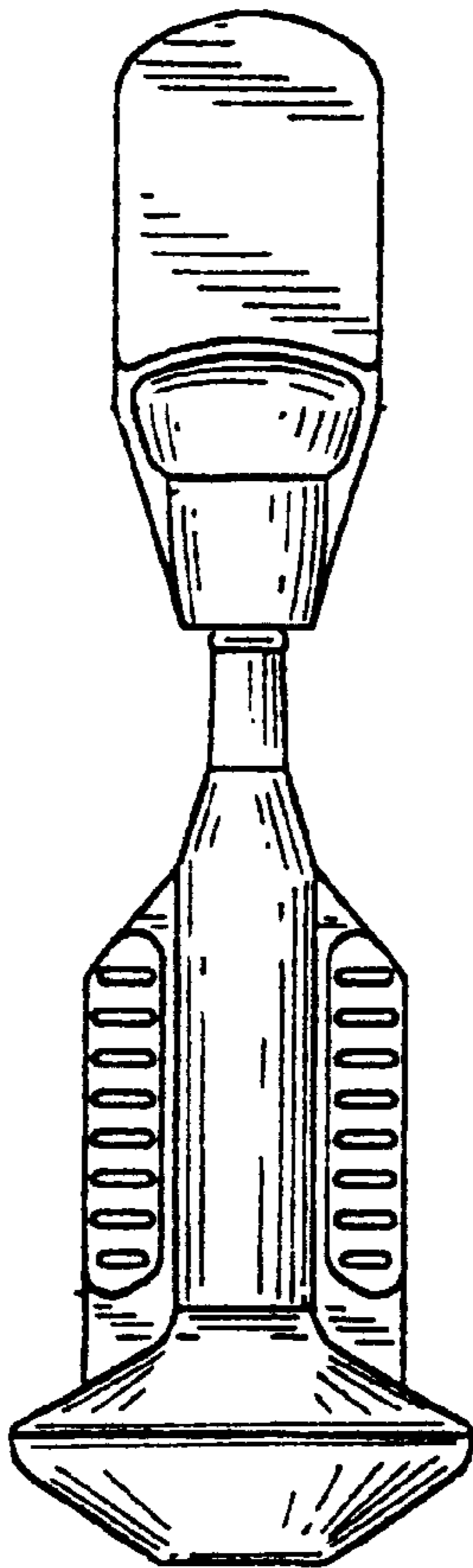


FIG. 1

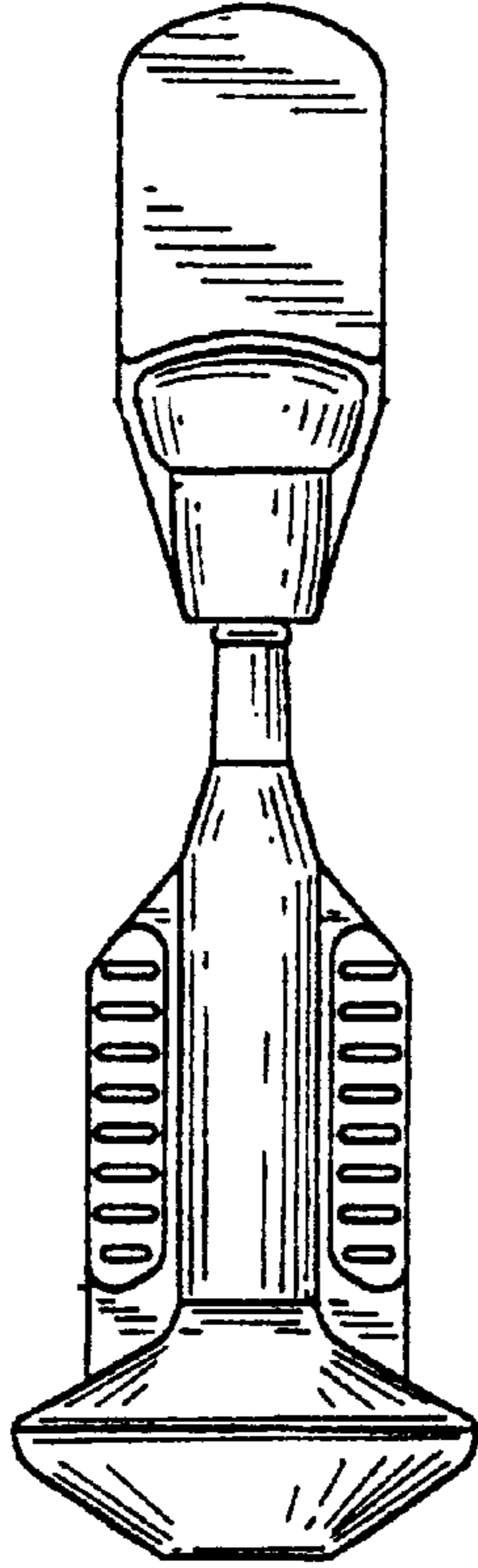


FIG. 4

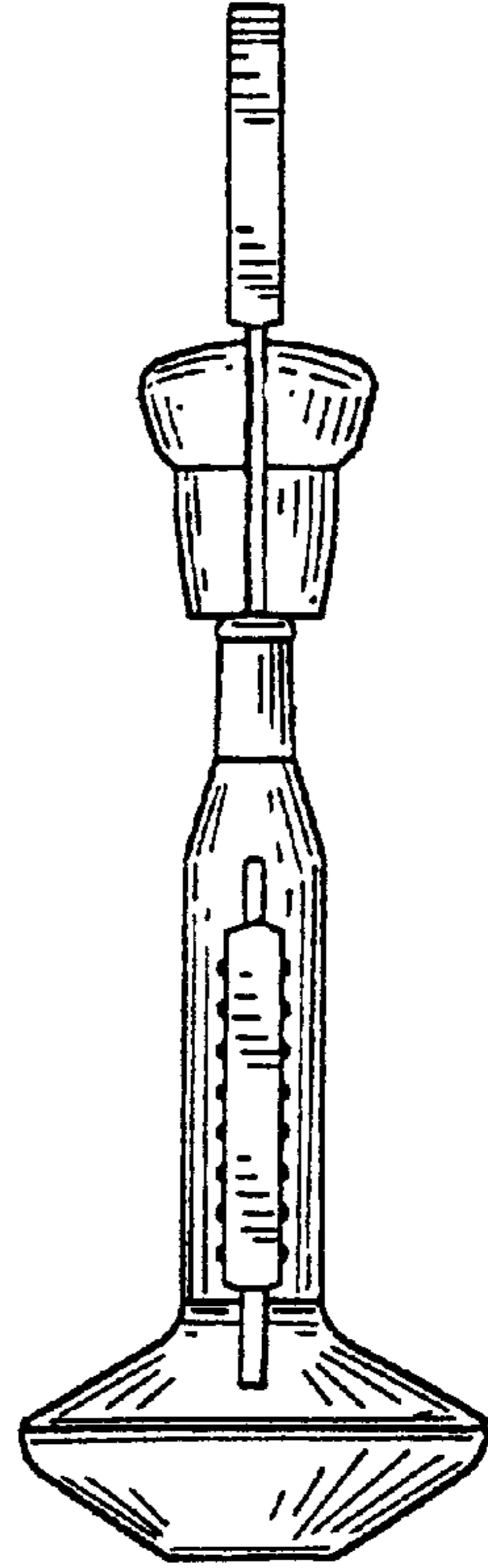


FIG. 2

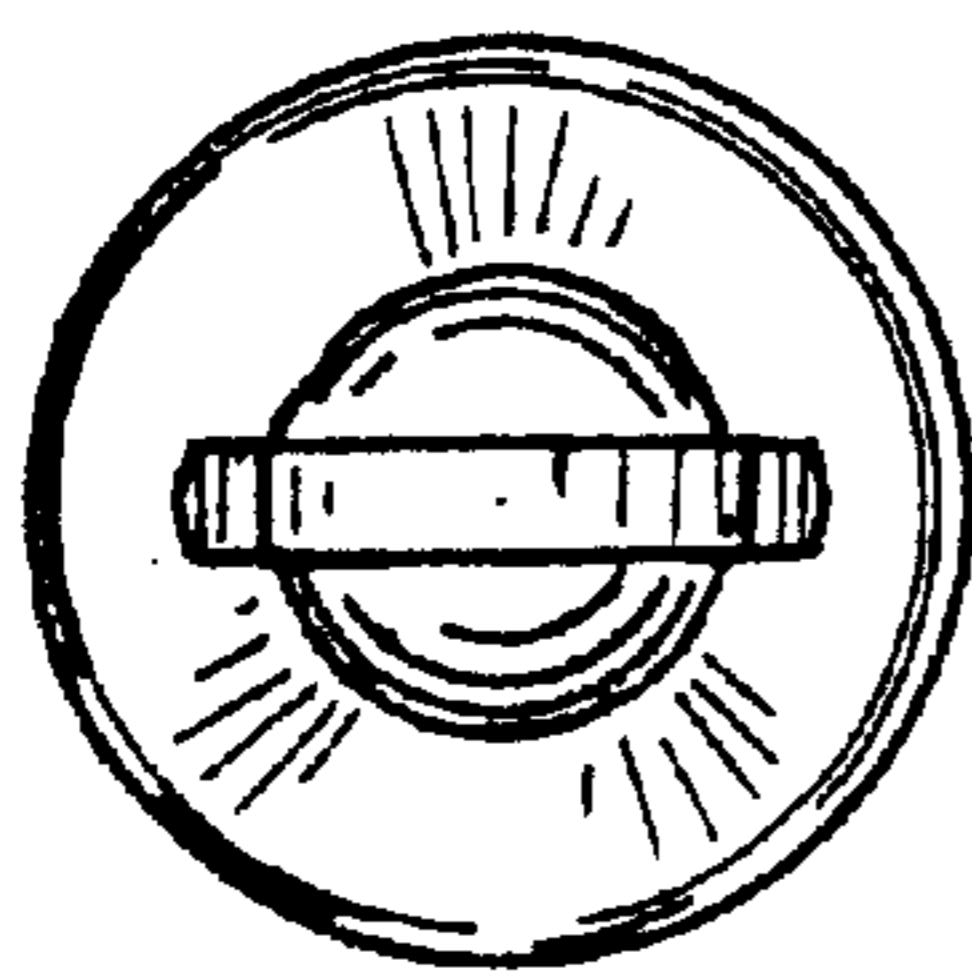


FIG. 3

