

(No Model.)

J. F. LEHMANN.

SELF LEVELING GRADUATING MEASURING GLASS AND HOLDER.

No. 575,033.

Patented Jan. 12, 1897.

Fig. 1

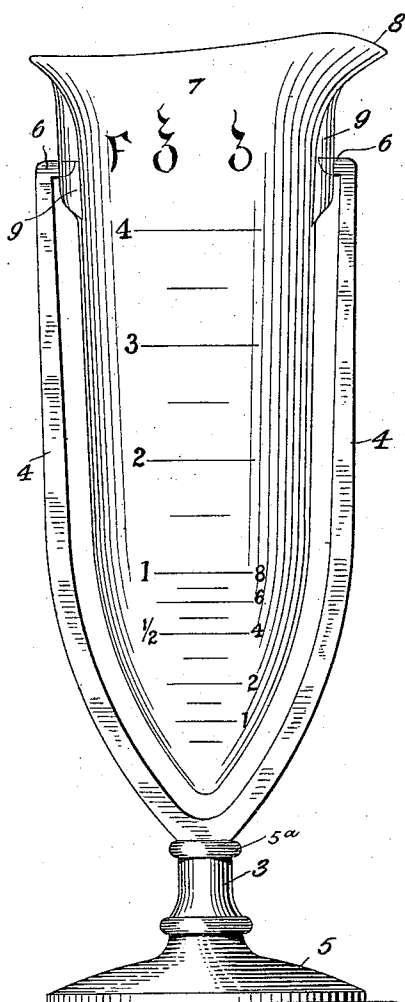
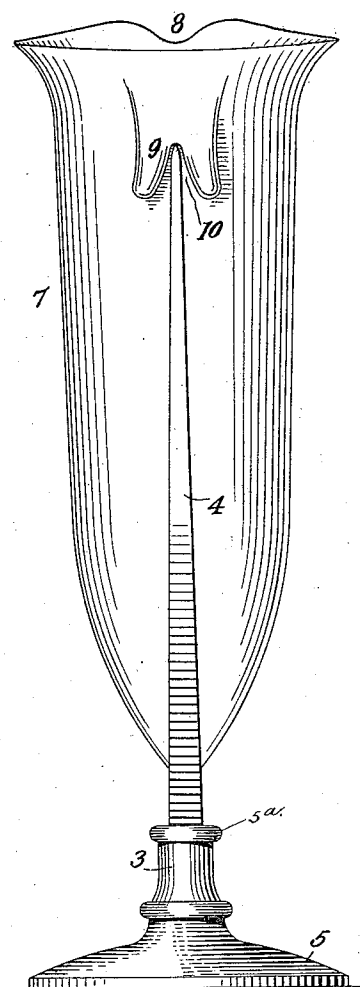


Fig. 2



Witnesses:

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JAMES F. LEHMANN, OF NEW YORK, N. Y.

SELF-LEVELING GRADUATING MEASURING-GLASS AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 575,033, dated January 12, 1897.

Application filed May 4, 1896. Serial No. 590,147. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. LEHMANN, a citizen of the United States, and a resident of New York, in the county and State of New York, have invented a certain new and useful Self-Leveling Graduating Measuring-Glass and Holder, of which the following is a specification.

My invention relates to graduating measuring-glasses employed by druggists in determining the correct quantity of fluid ingredients in compounding prescriptions.

Heretofore graduating-glasses have been constructed with a foot or projecting base integral with the glass and serving to support the same in an upright position when resting on a table or counter. The foot or base being of glass is often broken off in use, and when this occurs the instrument for many purposes is rendered unserviceable; and in the accurate measurements of quantity the instrument must rest upon a perfectly level surface, which is not always available.

The object of the present invention is to furnish a graduating measuring-glass free from the objections above mentioned and which will be self-leveling.

The invention is shown in the accompanying drawings, in which—

Figure 1 is a view in elevation of my graduating measuring-glass and its holder, and Fig. 2 a similar view at right angles to Fig. 1.

In both views the same numerals are used to indicate the same parts.

Referring to the drawings, 3 indicates a stand or holder comprising an extended flat base or foot 5 and a pedestal 5^a, from the top of which rise a pair of standards 4, which curve outwardly from the pedestal and are provided at their tops with the inwardly-extending parts 6, the top surfaces of which are formed with knife-edges, as shown best in Fig. 2. The stand 3 will preferably be made of metal, and its base 5 will be sufficiently heavy to firmly sustain the stand in an upright position.

The measuring-glass 7, which tapers to a point, or to such an extent as not to be adapted

to stand safely on its own bottom, is provided, as shown, with the usual graduations and has an outwardly-curved lip and a spout 8. In addition, I form the glass 7, in the process of making the same, with the ears or lugs 9, having in their bottom grooves or slots 10, preferably inverted-V shaped, whose bottom surfaces are curved or rounding, as shown clearly in Fig. 2.

The measuring-glass 7 is adapted to be supported by the lugs 9 upon the knife-edges 6 of the standards 4 of the stand, as shown in the drawings, and when placed in the supporting-stand it will assume and maintain a perpendicular position, whether the stand 3 rests upon a perfectly level surface or not. Aside from the advantages incident to the employment of a measuring-glass and stand constructed as explained there is an advantage in having a fixture for the glass when not in use where it is protected from breakage and may always be found when needed.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of a druggist's or similar glass having inverted-V-shaped lugs on opposite sides near its top, and a base and pedestal with standards the ends of which bend inward and engage said lugs from the lower side, whereby the glass takes a vertical position, and is free to be lifted from the standards.

2. The combination of a graduated druggist's or similar glass tapering to a point at its lower end, inverted-V-shaped lugs near the top of the glass, and a base with standards engaging the lugs, whereby the glass hangs freely, and is free to be lifted from the standards.

Signed at New York, in the county and State of New York, this 1st day of May, 1896.

JAMES F. LEHMANN.

Witnesses:

J. E. M. BOWEN,
RAPHAËL NETTER.