

(No Model.)

2 Sheets—Sheet 1.

C. W. HUTCHINS.

LOCK BOTTLE STAND.

No. 274,608.

Patented Mar. 27, 1883.

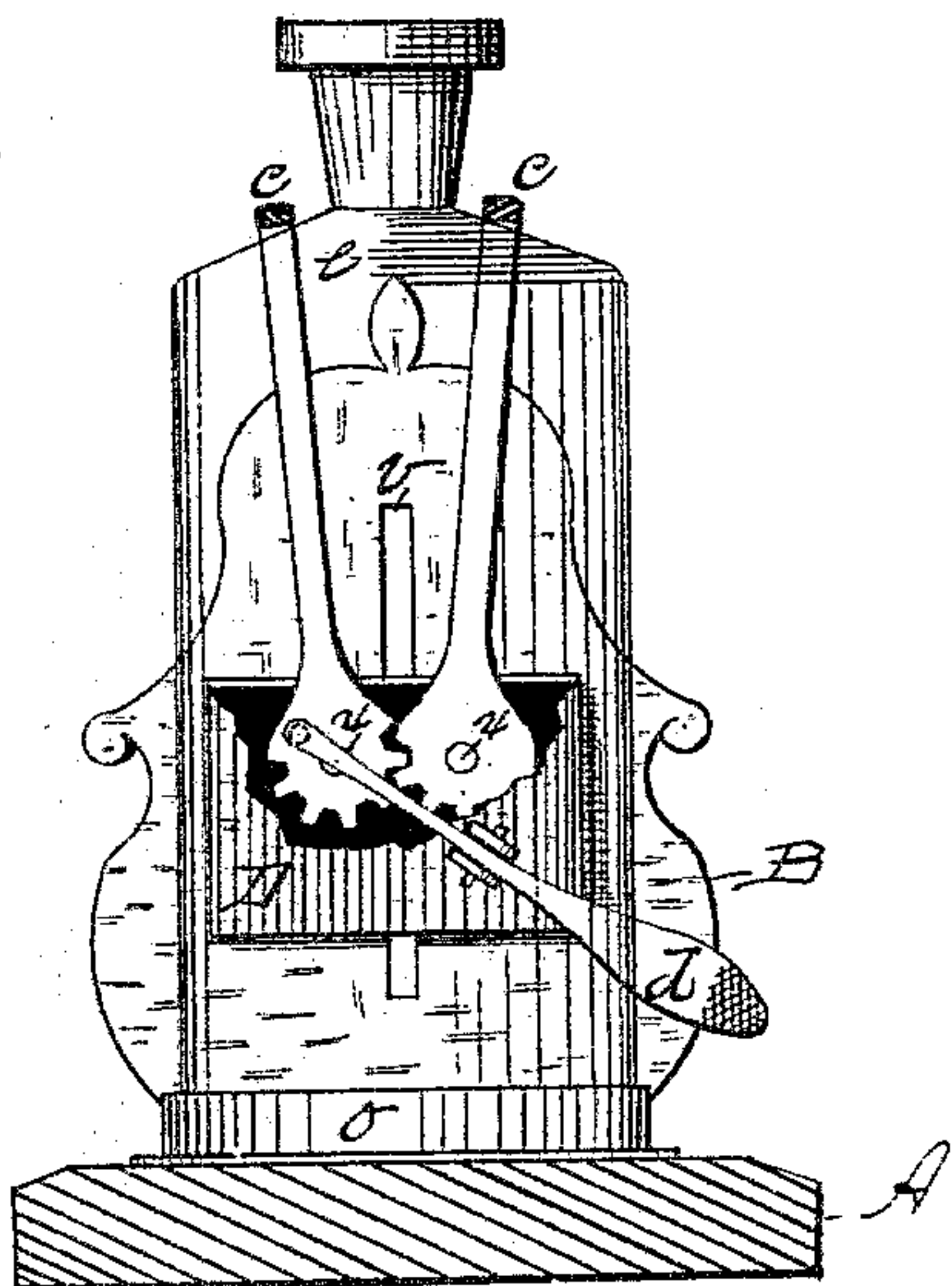


Fig. I,

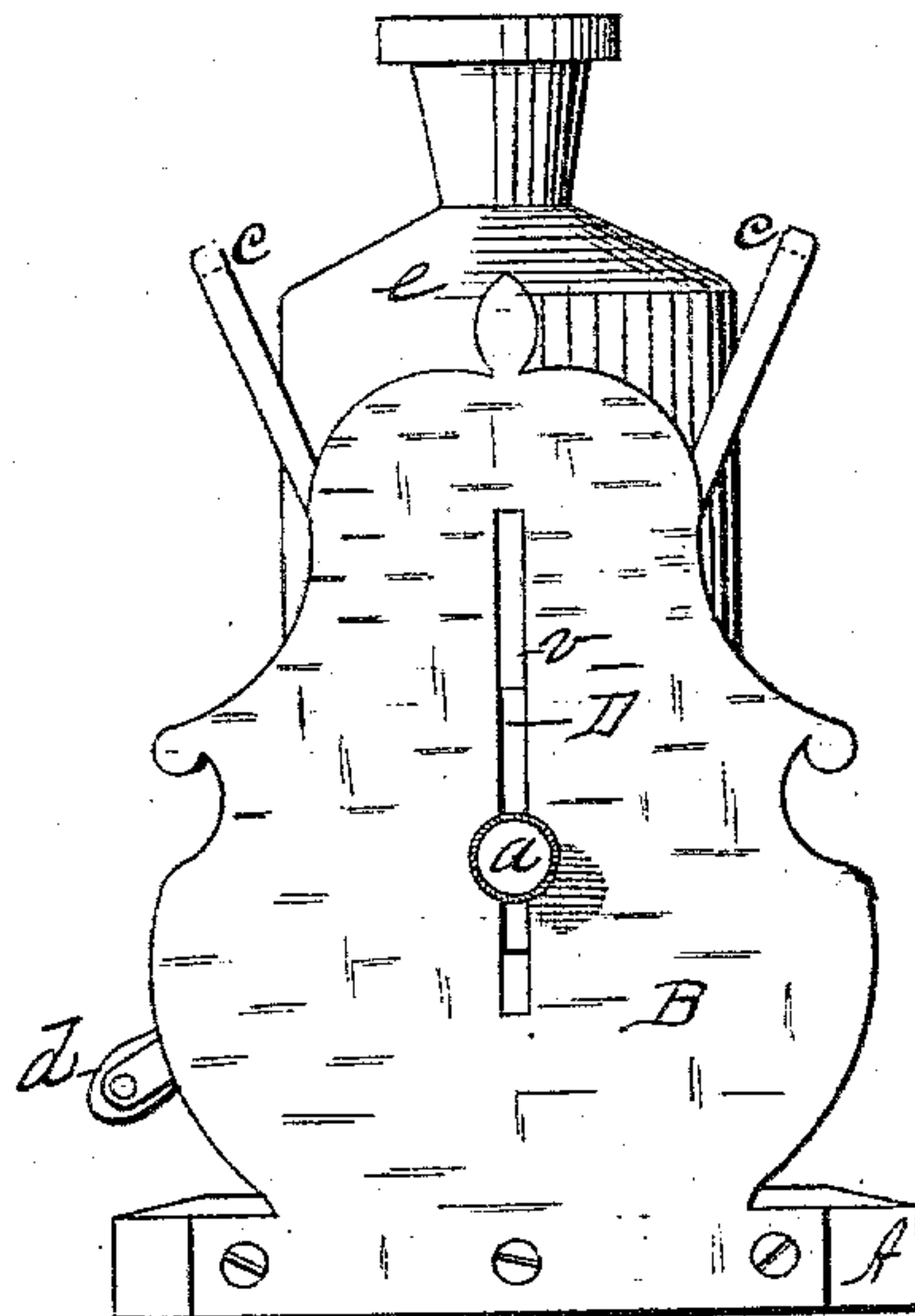


Fig. II,

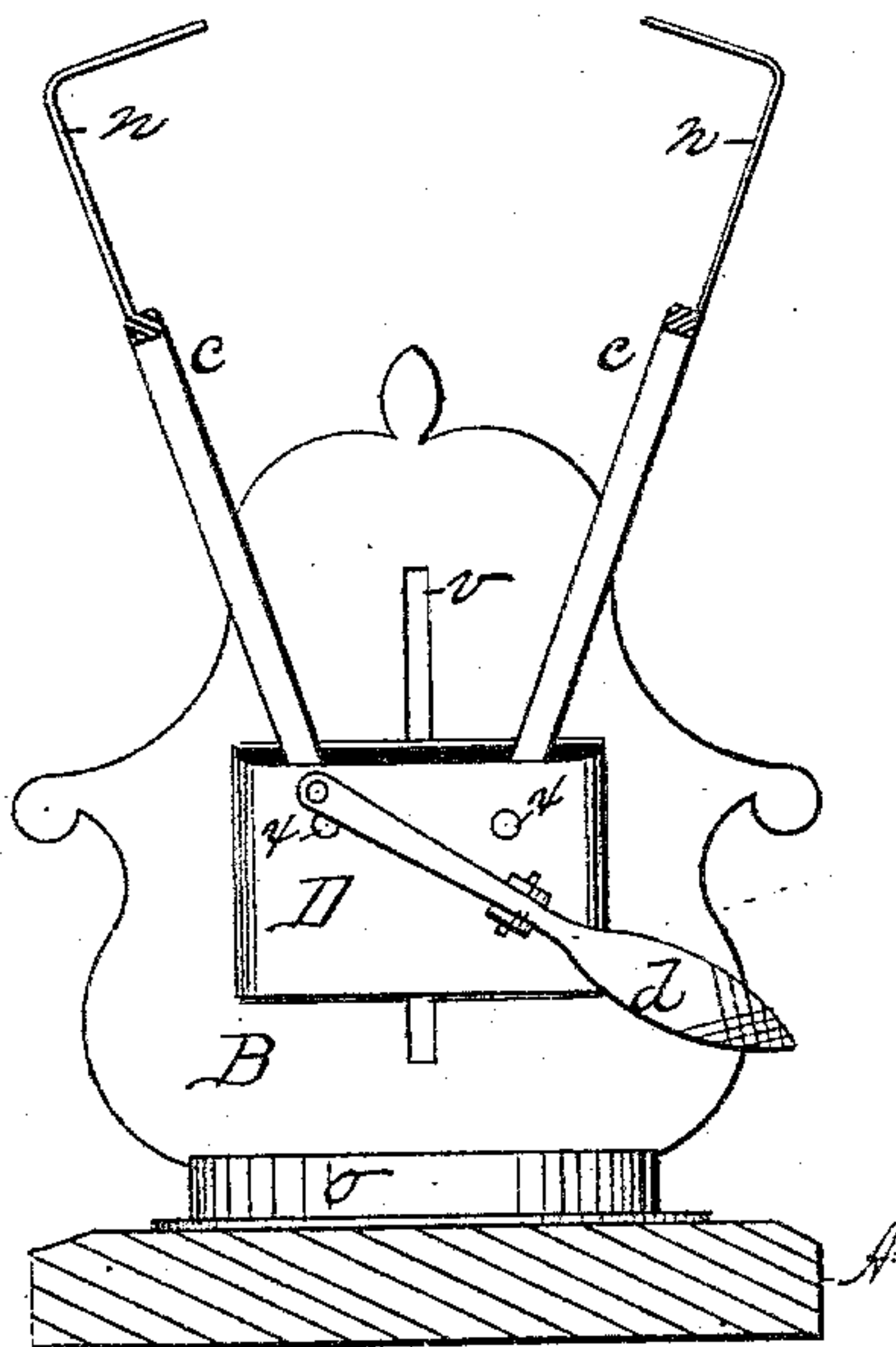


Fig. III,

Witnesses,
R. H. Hyde
H. W. Chapin

Inventor,
Charles W. Hutchins
By Henry A. Chapin
Att'y

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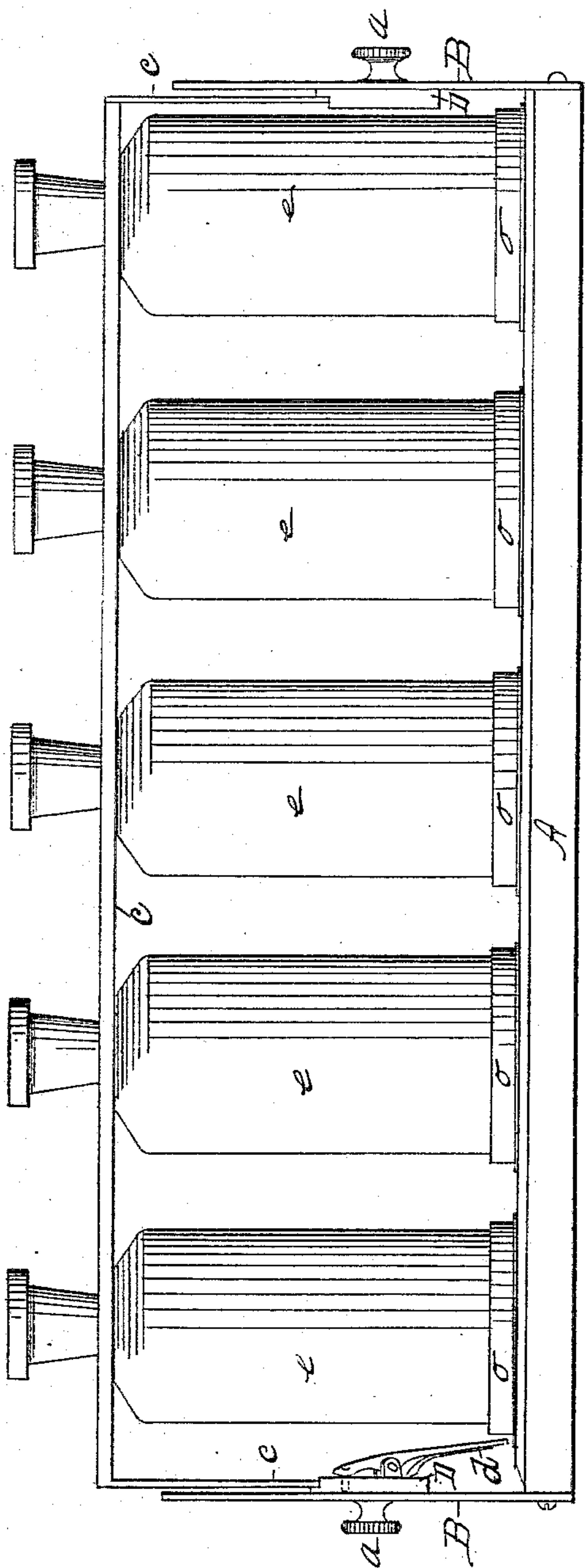


Fig. 1.

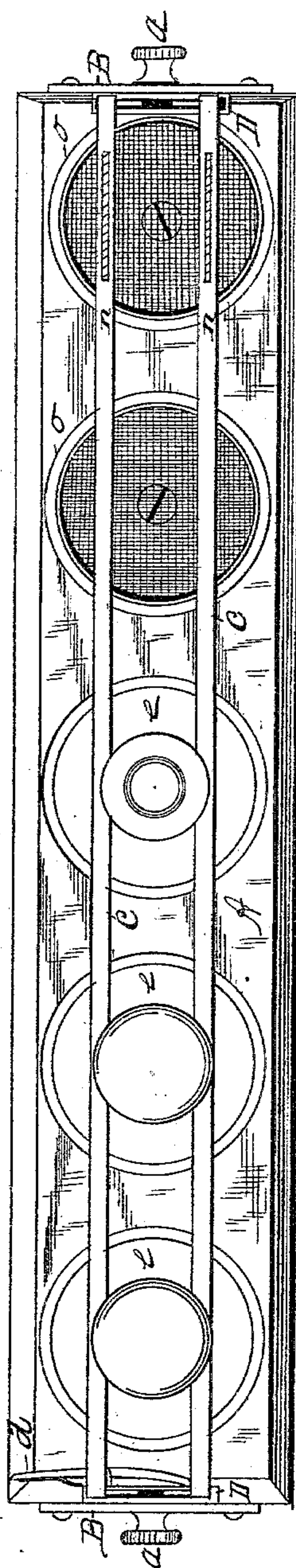


Fig. 2.

Witnesses,
R. F. Hyde
W. C. Chapin.

Inventor,
Charles W. Hutchins
By Henry A. Chapin

UNITED STATES PATENT OFFICE.

CHARLES W. HUTCHINS, OF SPRINGFIELD, MASSACHUSETTS.

LOCK BOTTLE STAND.

SPECIFICATION forming part of Letters Patent No. 274,608, dated March 27, 1883.

Application filed August 5, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. HUTCHINS, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Lock Bottle Stands, of which the following is a specification.

This invention relates to an improved lock bottle stand for holding securely bottles of perfumery and other valuable substances, the object being to provide a bottle stand or holder for druggists and others capable of containing one or more bottles arranged therein advantageously for exhibiting the same, but provided with appliances for preventing the removal of any bottle therefrom except said appliances be unlocked and disconnected from said bottle or bottles, and also to provide in connection with said bottle-locking devices means for adapting said stand to receive and lock therein bottles of various heights.

In the drawings forming part of this specification, Figures I to V, inclusive, illustrate a lock bottle stand embodying my invention. Fig. I is an inside end view, partly in section. Fig. II is an end elevation. Fig. III is an inside end view, showing the locking parts open. Fig. IV is a side elevation, and Fig. V is a plan view, of the stand, both showing bottles therein.

The aforesaid stand consists of a base, A, of oblong form, of metal or other suitable material, to each end of which is secured a vertical end piece, B, each of which has a vertical slot, *v*, therein. A thin metallic lock-bar case, D, is supported on the inner face of each of said end pieces, B, by a set-screw, *a*, which passes through said slot *v* and enters a side of said case. Two lock-bars, *c c*, each of which has an arm on each end thereof standing at right angles thereto, are pivoted through the lower ends of said arms to the said cases D a little to one side of their vertical center. Said lower ends of the arms on bars *c* are made of flat circular form, and are adapted to interlock by gears on each, or other suitable means, so that the bars *c* may have a simultaneous swinging motion to and from the bottles *e*. A lever-catch, *d*, is pivoted to one or both of cases D, and a pin in one end thereof is adapted to enter a hole in said flat part of one of the arms on bar *c* and hold said bars in an upright position over the top of said bottles *e*, as shown

in Fig. I. A suitable spring, acting on the lower or handle end of lever *d*, keeps the latter in engagement with said arm. The letter *x* indicates the pivot-point of each of the latter in case D. The said lock-bars may be at intervals thereon, or opposite each bottle-stopper, provided with the stopper-guards *n n*, as shown in elevation in Fig. III and in section in Fig. V. For the purpose of keeping the bottles *e* at equal distances apart on the base A, the shallow cup-shaped sockets *o* are secured thereto, in which the bottles stand, and, if desired, provision may be made for securing the base A to a counter or other convenient place, so that the stand could not be moved.

The operation of the above-described devices is as follows: The lower end of the lever *d* is pressed upon, to draw the pin in its upper end away from the arm of bar *c*, with which it is in engagement. The bars *c c* may now be swung outwardly to the positions shown in Figs. II and III, opening far enough to permit of placing the bottles down between them onto the base A. Bars *c c* are now swung up to the positions shown in Figs. I, IV, and V, over the tops of the bottles, and the pin in lever *d*, re-engaging with one of the arms on one of said bars, retains the latter in a locked upward position, whereby none of the bottles are free to be removed from the stand. In cases where it is unobjectionable to leave the stoppers of the bottles so that they may be removed therefrom from time to time by any one, the stopper-guards *n n* are not applied to the lock-bars *c c*; but if it be desired that said stoppers shall not be taken from the bottles except under the supervision of an attendant, the bars *c c* are provided with the guards *n n*. When greater security against the opening of bars *c c* by unauthorized persons is wanted than is afforded by a single catch like lever *d*, a suitable key-lock may be applied to one or both of the cases D. Said cases D, to which the lock-bars *c* are pivoted, are made adjustable vertically on the end pieces, B, by means of the screws *a* and the slots *v* in said pieces B. Thus various heights of bottles may be locked in a single stand.

The herein-described bottle-stand serves as a useful receptacle for holding bottles of perfumery, to prevent them from being lifted and handled by inexperienced persons and frequently broken, and for securing bottles of poison-

ous substances beyond the reach of incompetent persons, and for many other purposes.

What I claim as my invention is—

1. In combination, the lock-bars *c c*, having
5 interlocking ends pivoted to the cases *D D*,
the said cases adjustable vertically on the end
pieces, *B B*, the lever-catch *d*, base *A*, and the
screws *a a*, substantially as set forth.

2. In combination, the lock-bars *c c*, having
10 interlocking ends pivoted to the cases *D D*,

adapted to swing over the body of the bottles
below their necks, and provided with the guards
n, the said cases being adjustable vertically on
the end pieces, *B B*, the lever-catch *d*, base *A*,
and the screws *a a*, substantially as set forth. 15

CHAS. W. HUTCHINS.

Witnesses:

H. O. CHAPIN,

R. F. HYDE.