

(No Model.)

C. C. BARKER.

DRINK REGISTERING ATTACHMENT FOR LIQUOR BOTTLES.

No. 396,021.

Patented Jan. 8, 1889.

Fig. 1.

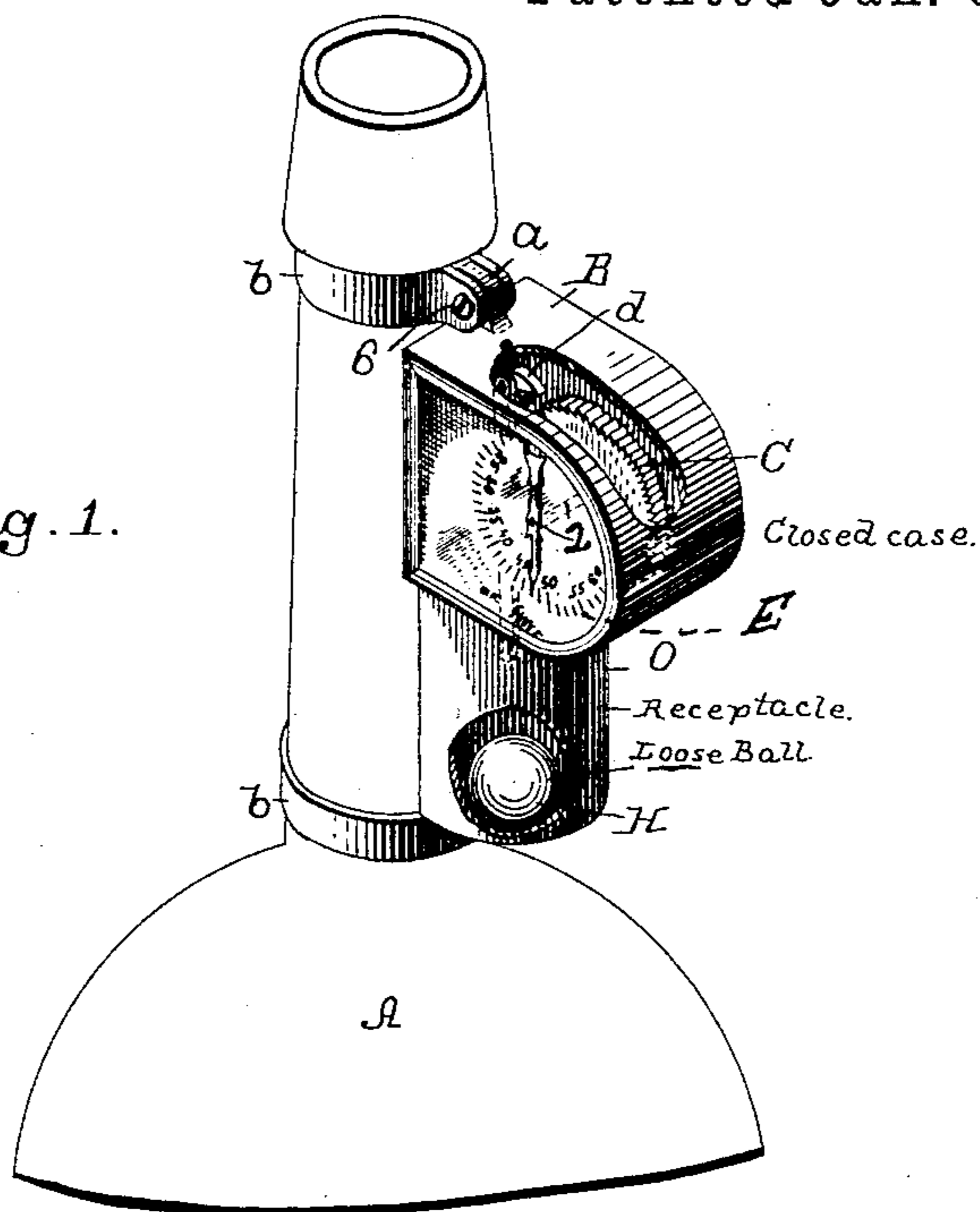


Fig. 2.

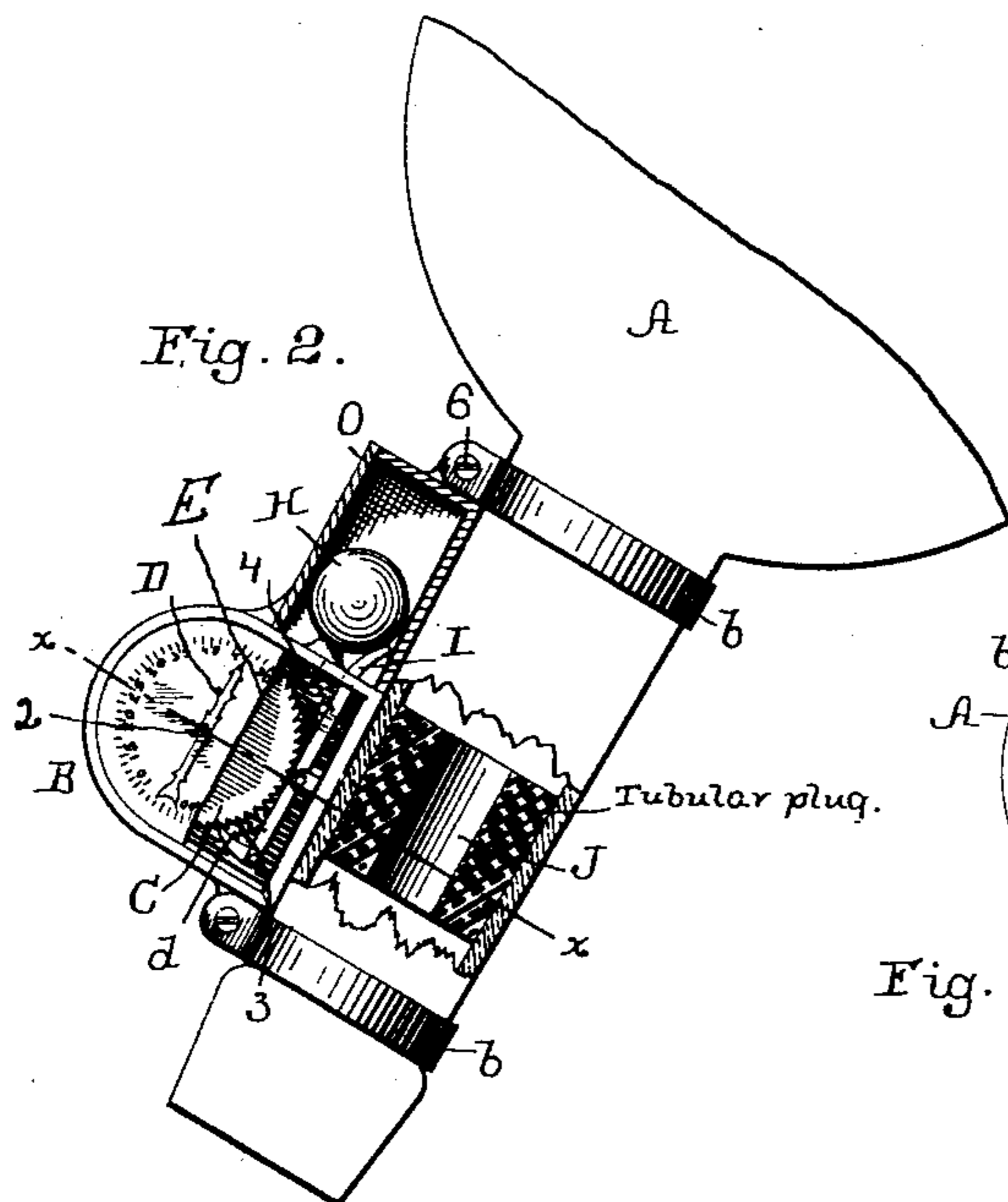
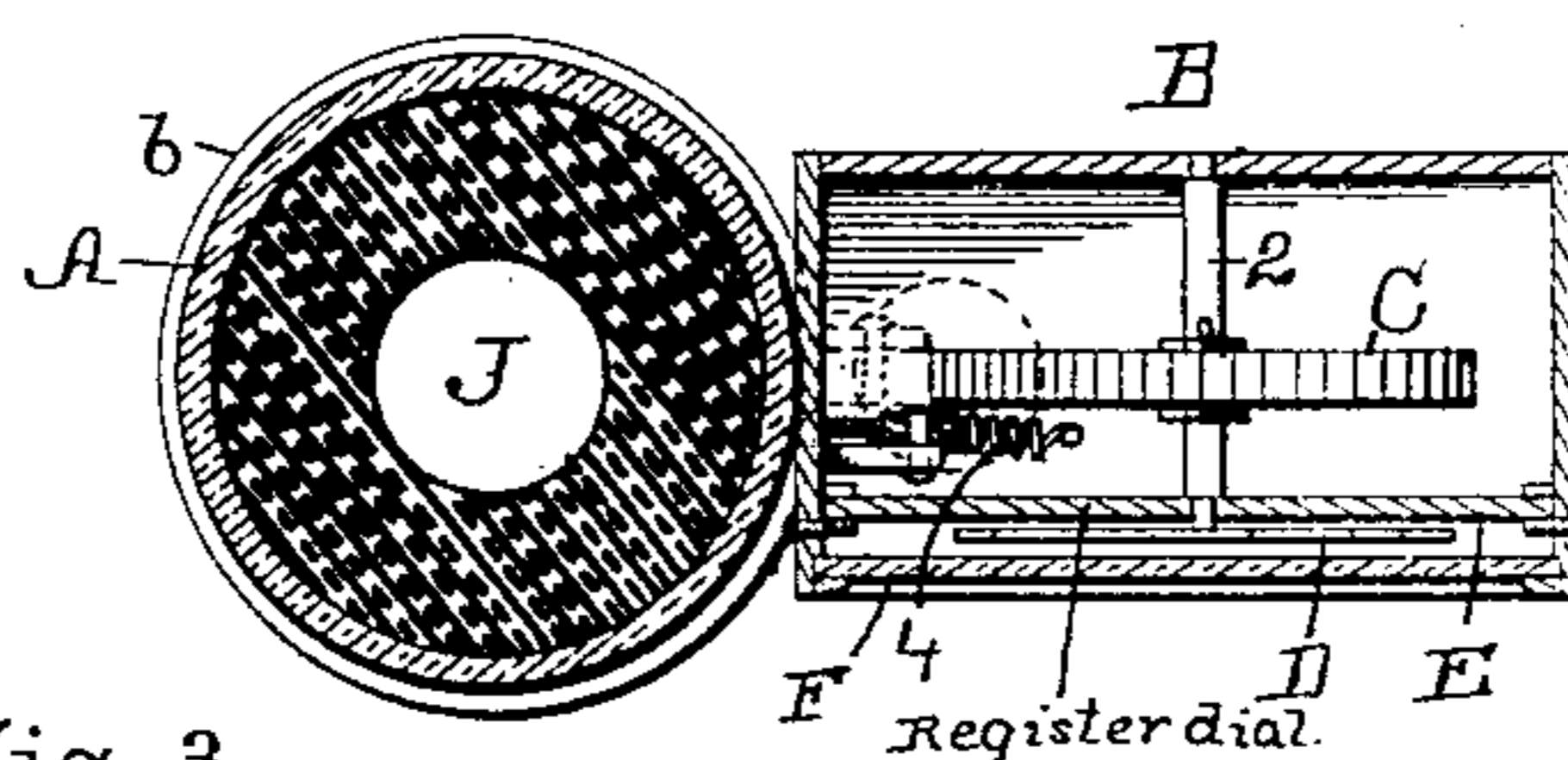


Fig. 3.



Witnesses

J. G. Fischer

A. Mason

Inventor

Henry C. Barker

By his Attorney

J. C. Higgins

UNITED STATES PATENT OFFICE.

HENRY C. BARKER, OF KANSAS CITY, MISSOURI, ASSIGNOR OF ONE-HALF TO
HENRY P. SCOTT, OF SAME PLACE.

DRINK-REGISTERING ATTACHMENT FOR LIQUOR-BOTTLES.

SPECIFICATION forming part of Letters Patent No. 396,021, dated January 8, 1889.

Application filed July 9, 1888. Serial No. 279,350. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. BARKER, of Kansas City, Jackson county, Missouri, have invented a new and useful Drink-Registering Attachment for Liquor-Bottles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to attachments which, when secured on an ordinary liquor-bottle, register the number of drinks (or the money equivalent thereto) removed from said bottle; and it may be said to consist in the novel construction, combination, and arrangement of devices hereinafter set forth, and pointed out in the claim.

In the drawings, which illustrate the manner of carrying out my invention, Figure 1 is a perspective view of my invention applied to a bottle. Fig. 2 is a sectional side view of same, the neck of bottle and case of instrument being broken away to show the internal construction; and Fig. 3 is a section on line *x x*, Fig. 2.

A indicates an ordinary bottle used for drinking purposes in bars, saloons, &c., to which is attached by suitable means—such as straps or clamps *b*, which encircle the neck of the bottle—a closed case, B, containing the operative parts of the instrument. Within this case is mounted on a short shaft, 2, a toothed ratchet-wheel, C, which is engaged by a pawl, *d*, carried by a lever, I, which latter is also mounted in said case and pivoted at about the middle of its length, so that its ends may rise and fall during operation. The pawl *d* is hinged to one end of lever I, while its opposite end is slightly curved inwardly, so that a loose ball or weight may the more readily roll upon it and depress it. A suitable coiled or other form of spring, 3, is mounted upon lever I, so as to engage it and also engage the pawl *d* to return and hold the latter to normal position. Another spring, 4, is applied to the lever I for the purpose of returning and holding it to normal position after engagement with ball H. Said ball H is located in a receptacle, O, which forms a part of case B, and which is slightly larger in dimensions than said ball is, so that the ball may be loosely mounted therein and roll on

and off the curved end of lever I as the bottle is inverted or held upright during use. Mounted upon a projecting end of the shaft 2 is the pointer or hand D, so as to move in unison with ratchet-wheel C. One side of the case is provided with a graduated dial, E, upon the outer visible face of which figures or characters indicating the price of a given number of drinks are located. For the purpose of protecting this dial and pointer, a plate of glass, F, or other transparent material, is located over them, so as to form one side of the case, as shown more clearly in Fig. 3.

The operation of the instrument is as follows: When the bottle is inverted, as it always is in pouring liquid therefrom, the ball H gravitates downwardly and rolls onto and depresses the curved end of the lever I, which operation moves the pointer D one notch, thereby indicating that one drink has been taken from the bottle, and so on. The dial E may be provided with any suitable characters upon its face—such, for instance, as follows: 5c., 10c., 50c., \$1.50, &c., up to any desired amount.

For the purpose of attaching the instrument to the neck of the bottle, I provide the case B with projecting lugs *a* at opposite ends, which lugs are engaged by straps *b* and screws *c*, which latter are passed through both straps and lugs, and may be riveted to prevent removal.

For the purpose of preventing egress of liquid until the bottle is sufficiently inverted to cause the ball H to act upon the operating-lever I, I locate a tubular cork or plug, J, within the neck of said bottle, the function of which requires the bottle to be turned or tipped a considerable amount before permitting any liquid to run out.

In carrying out my invention it is obvious that many slight changes in its mechanical construction can be made without departing from its scope and spirit, and I do not therefore desire to limit myself to the particular construction which I here show.

Having thus described my invention, what I claim is—

In a registering attachment for bottles, the combination of a closed case provided with

exterior devices which hold it upon the bottle, the shaft 2, mounted within said case, the ratchet-wheel C, mounted on said shaft, the lever I, pivotally mounted in said case, the
5 pawl d, carried by one end of said lever and arranged to engage the teeth of the ratchet-wheel, a loose ball, II, which engages and depresses the end of said lever opposite said
10 pawl when the bottle is turned, a spring which returns the lever to its normal position after

engagement with said ball, the pointer D, also mounted upon shaft 2, so as to move in unison with the ratchet-wheel, and a graduated dial-plate, substantially as described.

In testimony whereof I affix my signature in 15 presence of two witnesses.

HENRY C. BARKER.

Witnesses:

J. C. HIGDON,
F. G. FISCHER.