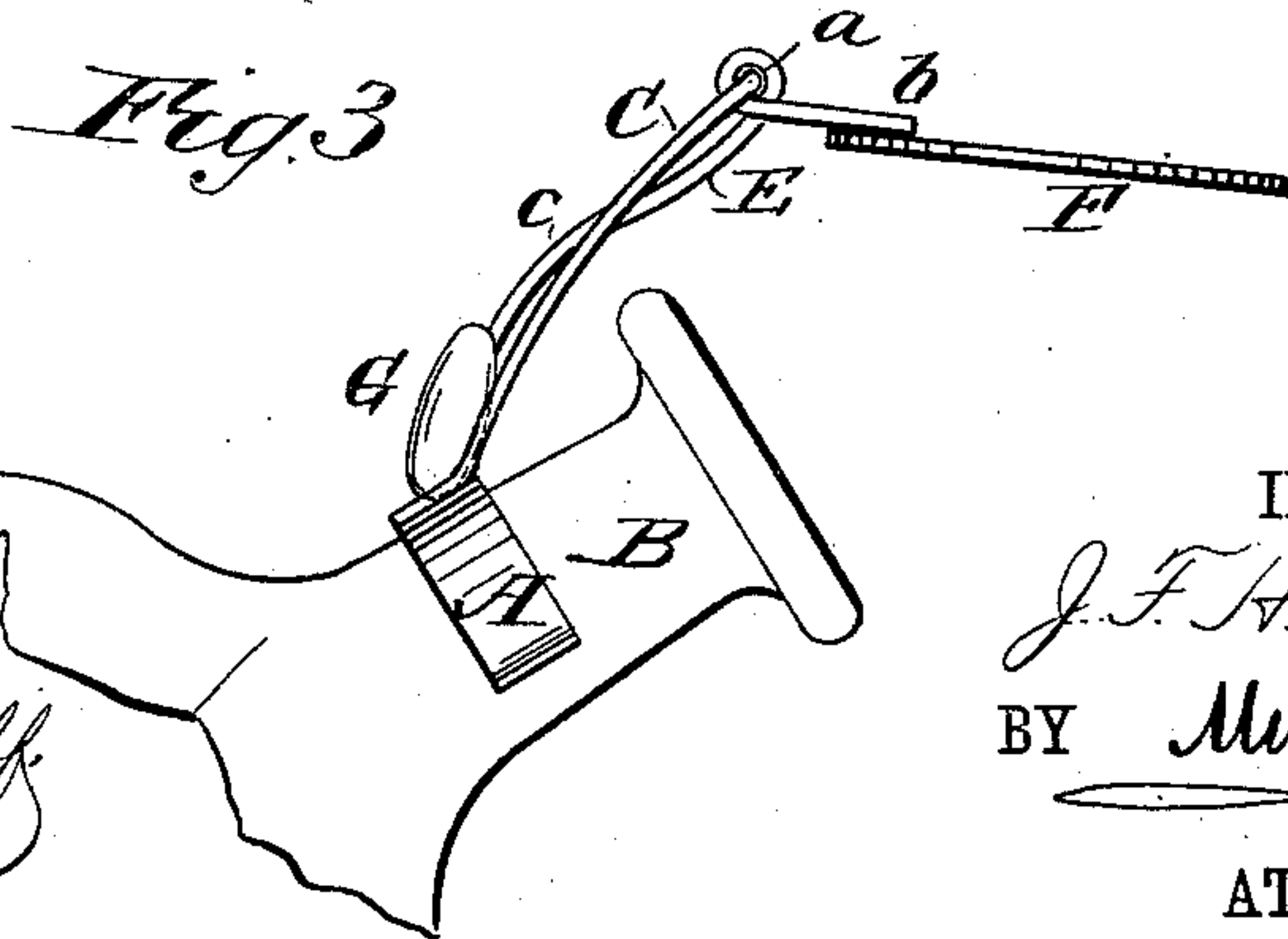
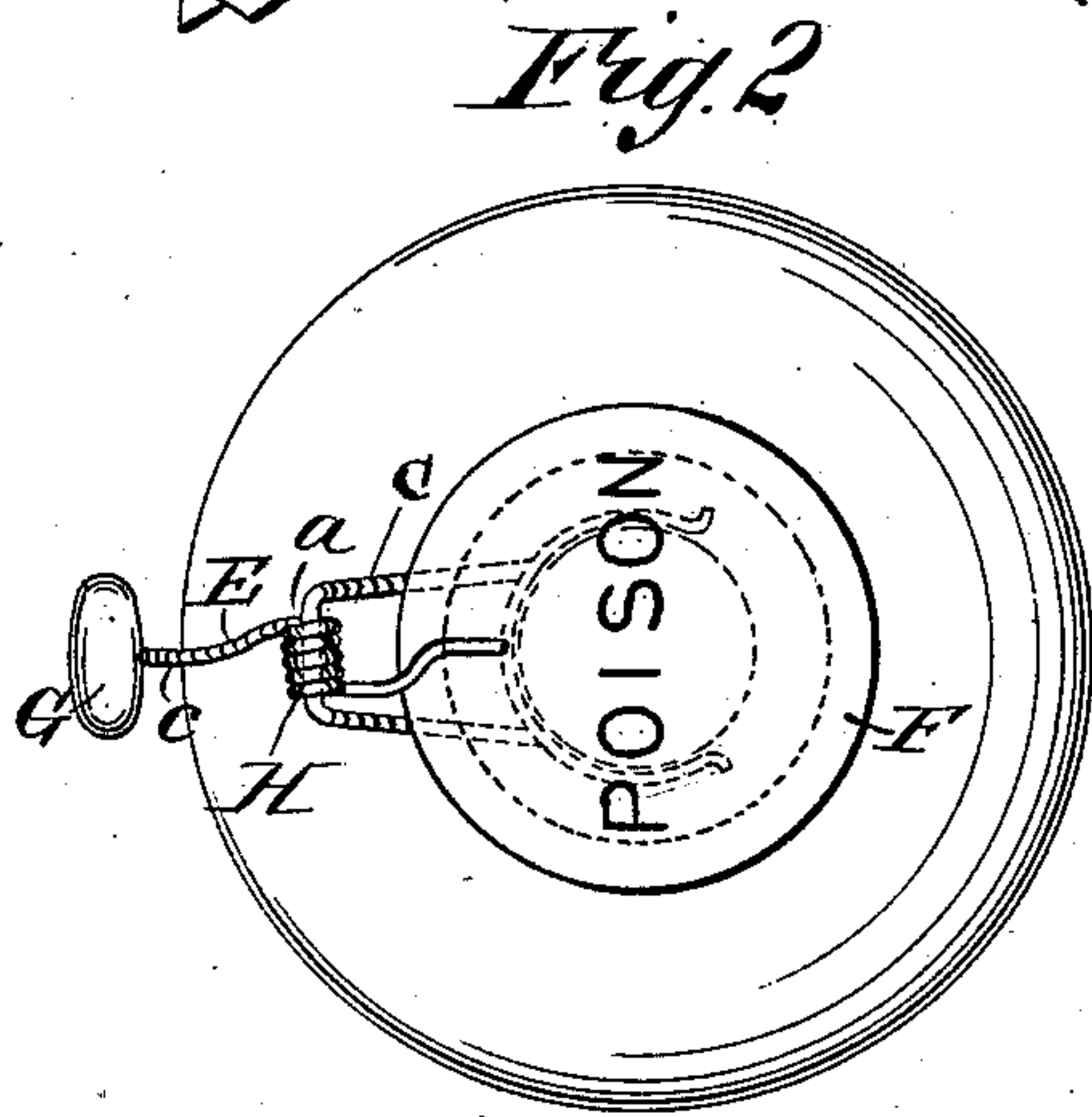
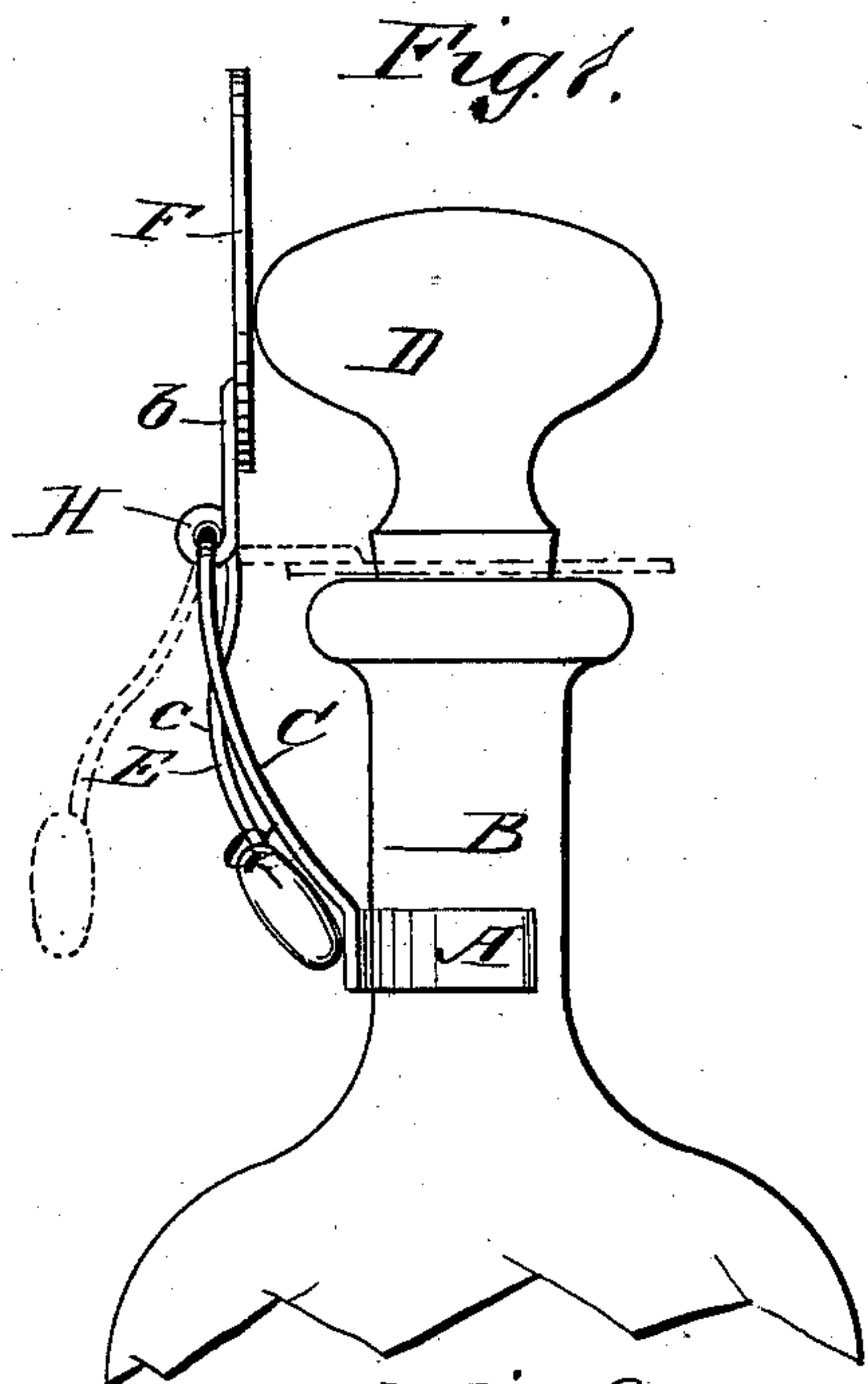


(No Model.)

J. F. H. SUGG.
BOTTLE ATTACHMENT.

No. 359,412.

Patented Mar. 15, 1887.



WITNESSES:

F. Mc Ardle.
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UNITED STATES PATENT OFFICE.

J. F. HERBERT SUGG, OF SABULA, IOWA.

BOTTLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 359,412, dated March 15, 1887.

Application filed July 21, 1886. Serial No. 208,623. (No model.)

To all whom it may concern:

Be it known that I, J. F. HERBERT SUGG, of Sabula, in the county of Jackson and State of Iowa, have invented a new and Improved Bottle Attachment, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a side elevation showing the application of my improved bottle attachment to a bottle. Fig. 2 is a plan view, the stopper D having been removed; and Fig. 3 shows the bottle in position for pouring, with the attachment automatically removed from the mouth of the bottle.

Similar letters of reference indicate corresponding parts in the different figures of the drawings.

The object of my invention is to prevent mistakes in dispensing medicine, by bringing before the eyes of the dispenser a movable label, which will notify him of the nature of the contents of the bottle.

My invention consists of a clip adapted to embrace the neck of a bottle, and provided with a wire loop, and in the combination therewith of a two-armed lever pivoted on the loop, and carrying at one end a plate for indicating the nature of the contents of the bottle and at the opposite end a weight for counterbalancing the plate, the weight and the plate both being arranged below the point of suspension.

The clip A is made of spring material, and adapted to partly encircle the bottle-neck B. At points equally distant from the center of the clip A are secured the ends of a doubled or looped wire, C, which is curved outward and extends upward slightly beyond the mouth of the bottle.

Upon the middle part, *a*, of the wire loop C is pivoted a lever, E, formed of a wire bent spirally in the middle of its length to form the spiral spring H, which is loosely placed on the loop C, the ends *b c* of the lever extending in opposite directions, the end *b* being secured to the plate F, the end *c* being secured to the counter-weight G. The plate F and weight G are below the fulcrum of the lever E, so that the lever is always in a state of stable equilibrium when the bottle-stopper is removed, so

that when the bottle is tipped the lever will maintain its position and allow the contents of the bottle to be poured out. When the bottle is in a vertical position, and its stopper thus holding the spiral spring H under tension in place, as shown in Fig. 1, the plate F stands vertically and presses against the edge of the stopper, and when the stopper is removed the plate F is thrown forward by the spiral spring and projects over the mouth of the bottle. The falling of the plate in this manner and the noise made by the striking of the weight against the collar on the neck of the bottle calls attention to the plate and the word poison, and after the removal of the stopper, if the bottle is allowed to remain in a vertical position, the plate will continue to cover the mouth of the bottle and display the warning word. When the bottle is tipped in the act of pouring out its contents, the lever E will swing on its fulcrum and the motion of the plate will attract attention.

Should a mistake be made in dispensing the contents of the bottle, the dispenser will be notified of his mistake when he attempts to return the stopper to its position in the bottle, as the plate F will intervene, and must be removed before the stopper can be replaced. In addition to these advantages the attachment will prevent drinking from the bottle in the dark by mistake, as the attachment will interfere with the direct use of the bottle in that way, and the click made by the plate F in striking the neck of the bottle will also indicate the dangerous nature of the contents of the bottle and prevent accidents.

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

As an improved article of manufacture, a bottle attachment formed of the clip A, the lever-support C, attached to the clip, the weighted lever E, provided with the spiral spring H, and the plate F, carried by the lever, substantially as shown and described.

J. F. HERBERT SUGG.

Witnesses:

J. S. KIMBALL,
C. G. ELDREDGE.