

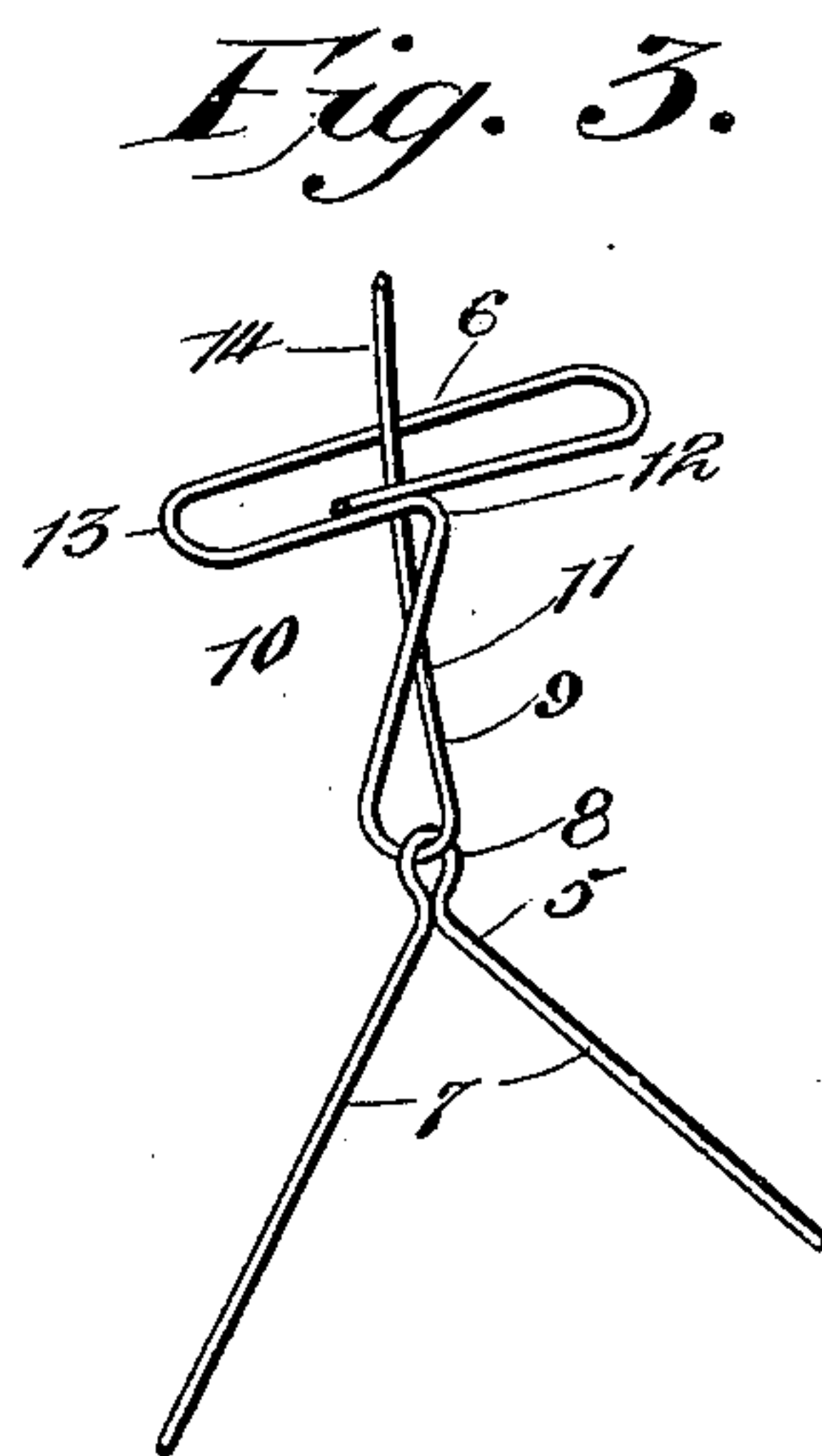
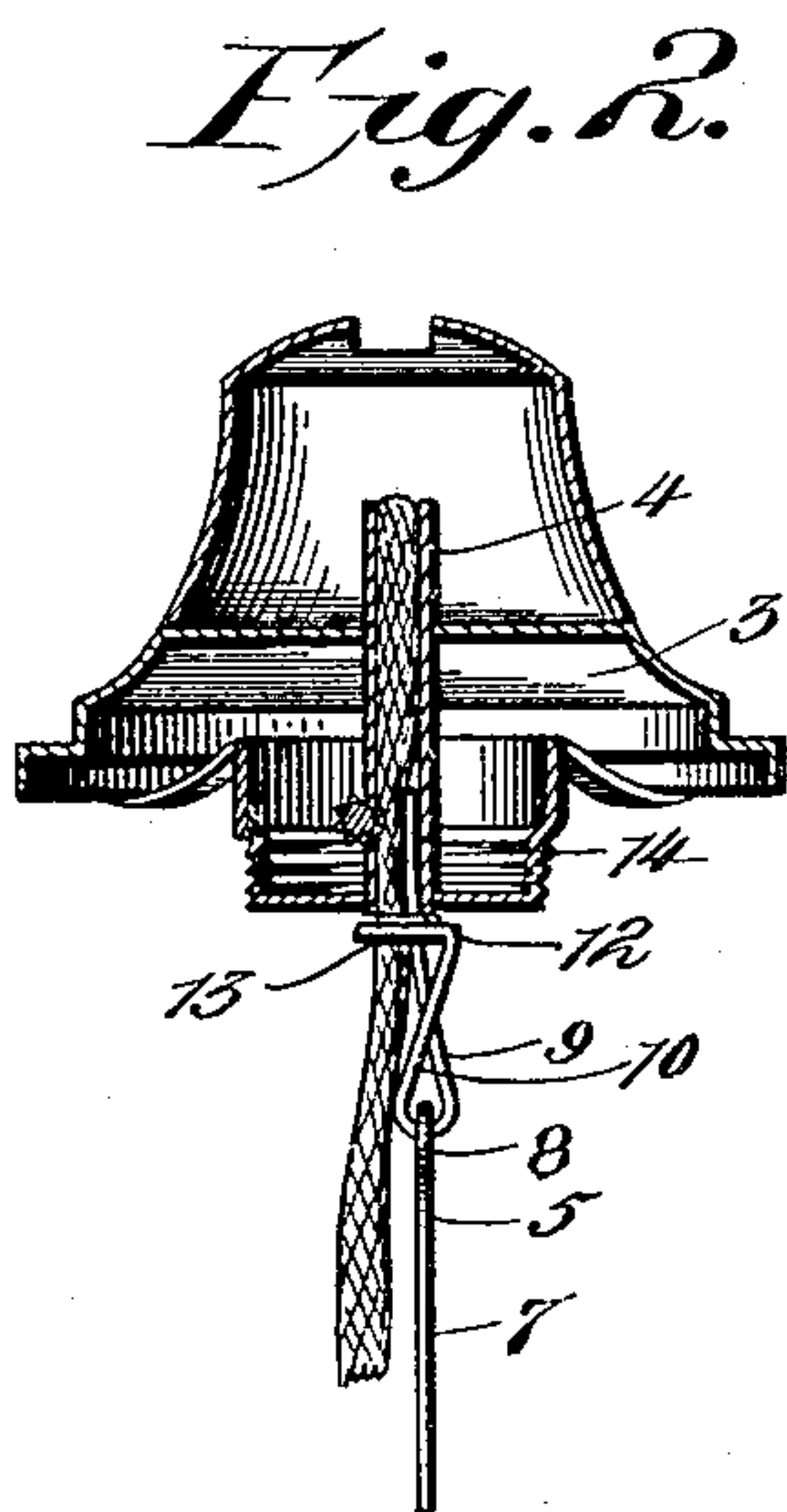
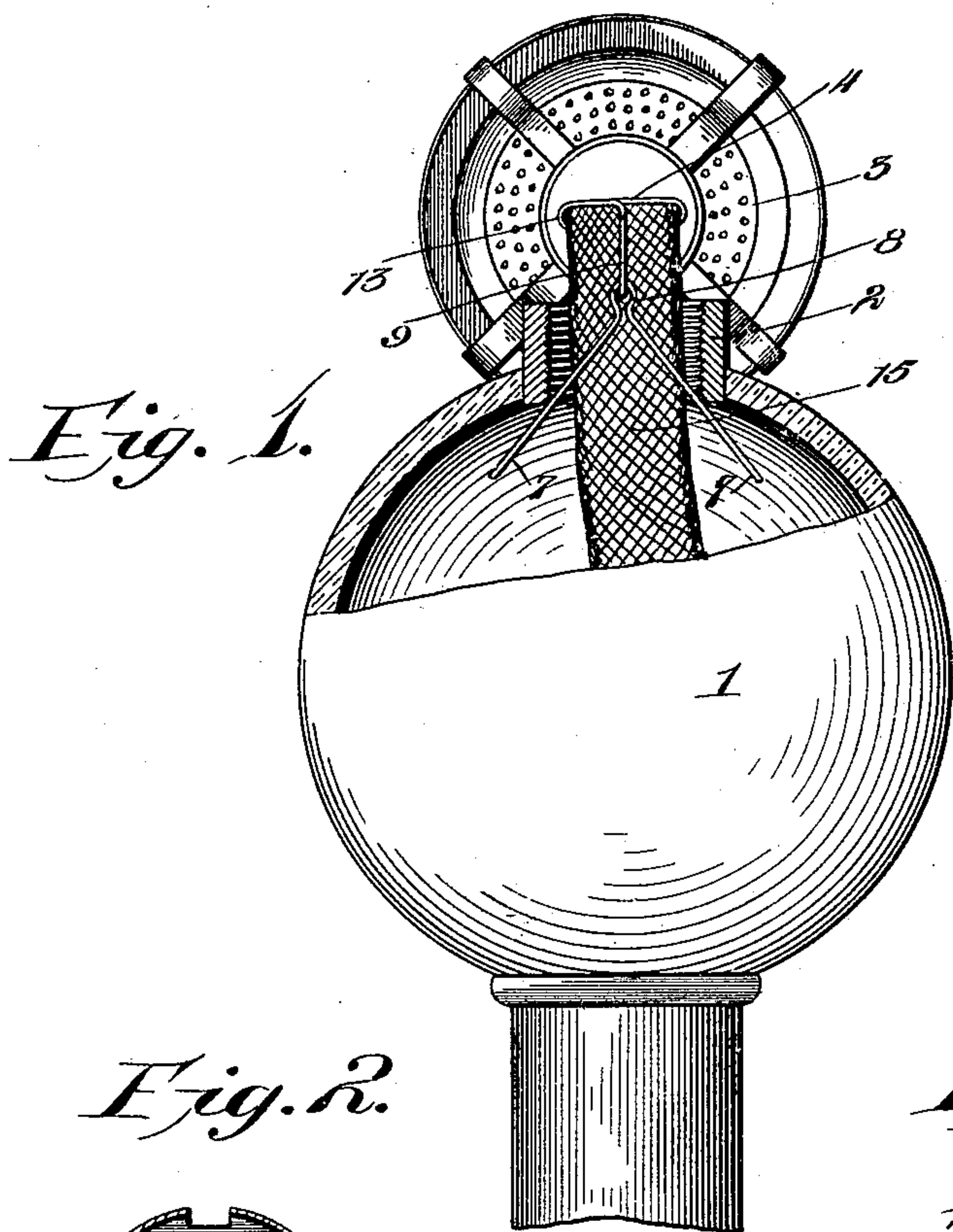
No. 640,828.

Patented Jan. 9, 1900.

J. L. STONE.
LAMP BURNER AND WICK HOLDER.

(Application filed Sept. 23, 1899.)

(No Model.)



Witnesses
E. H. Walker. By *His* Attorneys,
Chas. S. Hoyer.

J. L. Stone Inventor

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UNITED STATES PATENT OFFICE.

JESSE L. STONE, OF WOODLAND, PENNSYLVANIA.

LAMP-BURNER AND WICK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 640,828, dated January 9, 1900.

Application filed September 23, 1899. Serial No. 731,429. (No model.)

To all whom it may concern:

Be it known that I, JESSE L. STONE, a citizen of the United States, residing at Woodland, in the county of Clearfield and State of Pennsylvania, have invented a new and useful Lamp-Burner and Wick-Holder, of which the following is a specification.

This invention relates to a lamp-burner and wick-holder; and the object of the same is to provide simple and effective means for holding a burner to a lamp while the latter is being filled and also to dispose the wick at such times as to be out of the way of the pouring-spout of the filling vessel or that containing the oil and fully clear the filling-orifice of the lamp-body, the improved device being continuously connected to the wick without interfering with the adjustment of the same or the saturation thereof with oil.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a sectional elevation of a part of a lamp, showing the burner released and thrown over and it and the wick held by the improved attachment. Fig. 2 is a transverse vertical section of the burner, showing a wick therein and the improved attachment applied thereto. Fig. 3 is a detail perspective view of the improved holder.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates a lamp-body having the usual reservoir and burner-neck 2, which is interiorly screw-threaded and affords means for filling the reservoir. The burner 3 is adapted to be fitted in the neck 2 in the usual manner and has a wick-tube 4. The parts thus far described may be of any preferred form, as there is no special construction necessary to make the improvement applicable thereto.

The improved attachment comprises, essentially, a retainer 5 and a slide-clamp 6, each of which is preferably constructed of a single piece of spring-wire of suitable gage. The retainer 5 comprises a pair of divergent legs 7, which are continuous with an upper connecting eye or loop 8, which is movably swung

from a pendent loop 9 of the sliding clamp 6. The pendent loop 9 is arranged in a plane at right angles to that of the eye or loop 8, and the opposite members 10 and 11 thereof are crossed, the member 10 being extended or directed toward one side or plane of the device and formed with a bend 12 to provide a horizontal guide-loop 13 above the pendent loop 9. The said loop 9 is located in a plane about centrally of the guide-loop 13, and the member 11 of said pendent loop is continued in the form of a tongue 14, which projects through the loop 13 and above the same. The said tongue 14 normally bears against the member of the loop 13 opposite the bend 12, so that it will have a spring-bearing upon the wick in a manner which will be presently set forth.

To connect the wick 15 with the holder, the tongue 14 is sprung over to clear the loop 13 to permit the free end of the wick to be threaded through said loop and to position the tongue on the side of the wick opposite that engaged by the feed wheels or mechanism of the burner. When the tongue 14 is released, it exerts a pressure against the wick and holds the same against slipping or too loose movement, particularly when the lamp-burner is disconnected, as shown by Fig. 1, as it will be observed that the pendent loop 9 presses against the same side of the wick on which the tongue 14 bears and presses said wick closely against the adjacent portion of the neck 2. The legs 7 of the retainer also have their upper portions bearing on the wick and the burner is prevented from disconnection relatively to the lamp-body by the divergent position of the said legs. The legs 7 will catch and hold under the inner end of the neck 2, and the opening through the latter will be almost completely cleared and provide convenient means for filling the reservoir. When the wick bearing the attachment is applied to the lamp-body, together with the burner, the legs 7 are pressed together or confined sufficiently to insert them through the neck 2. The tongue 14 projects upwardly into the wick-tube 4, as shown by Fig. 2, and keeps the wick close to the feeding devices therefor, as well as prevents the disengagement of the holder from the wick when the

burner is arranged as shown in Fig. 1 and also prevents slipping of the guide-loop 13 on the said wick. The improved attachment, however, does not interfere with the proper
5 feed of the wick upwardly through the wick-tube 4 nor with the proper saturation or feed of the oil through the wick.

It will be observed that the clamping-guide 6 has a free hinged movement relatively to
10 the retainer 5, and the two parts are not strained in the least when the burner 3 is thrown over one side of the lamp-body, as shown by Fig. 1, and are caused to more effectively serve their intended functions.

15 The use of the improved attachment obviates the necessity of holding the burner or removing a greasy burner and wick when it is necessary to fill a lamp, and the hands of the operator are thereby left free for prop-
20 erly holding and arranging the oil-can.

Other advantages will become apparent in the use of the device, and changes in the form, proportions, and minor details may be re-
25 sorted to without in the least departing from the nature or spirit of the invention.

Having thus described the invention, what is claimed as new is—

1. A device of the character set forth, comprising a slidable looped clamp to embrace

a wick, and a retainer movably attached 30 thereto.

2. A device of the character set forth, comprising a slidable looped guide to embrace a wick and having a pendent loop and a re-
35 tainer movably attached to said loop and having a pair of divergent legs.

3. A device of the character set forth, consisting of a clamping-guide comprising a pendent loop, a horizontal guide-loop in a plane
40 at right angles to the pendent loop and a tongue extending through the said guide-loop, and a retainer having an upper eye or loop movably swung on the pendent loop and from which extend divergent legs.

4. The combination with a lamp-body, a
45 burner and a wick, of a holder comprising a clamping-guide including a guide-loop having a yielding tongue extending therethrough, and a retainer having divergent legs, the guide-loop surrounding the wick and the
50 tongue resting against the latter.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JESSE L. STONE.

Witnesses:

R. B. THOMPSON,
GEO. B. MCGILL.