

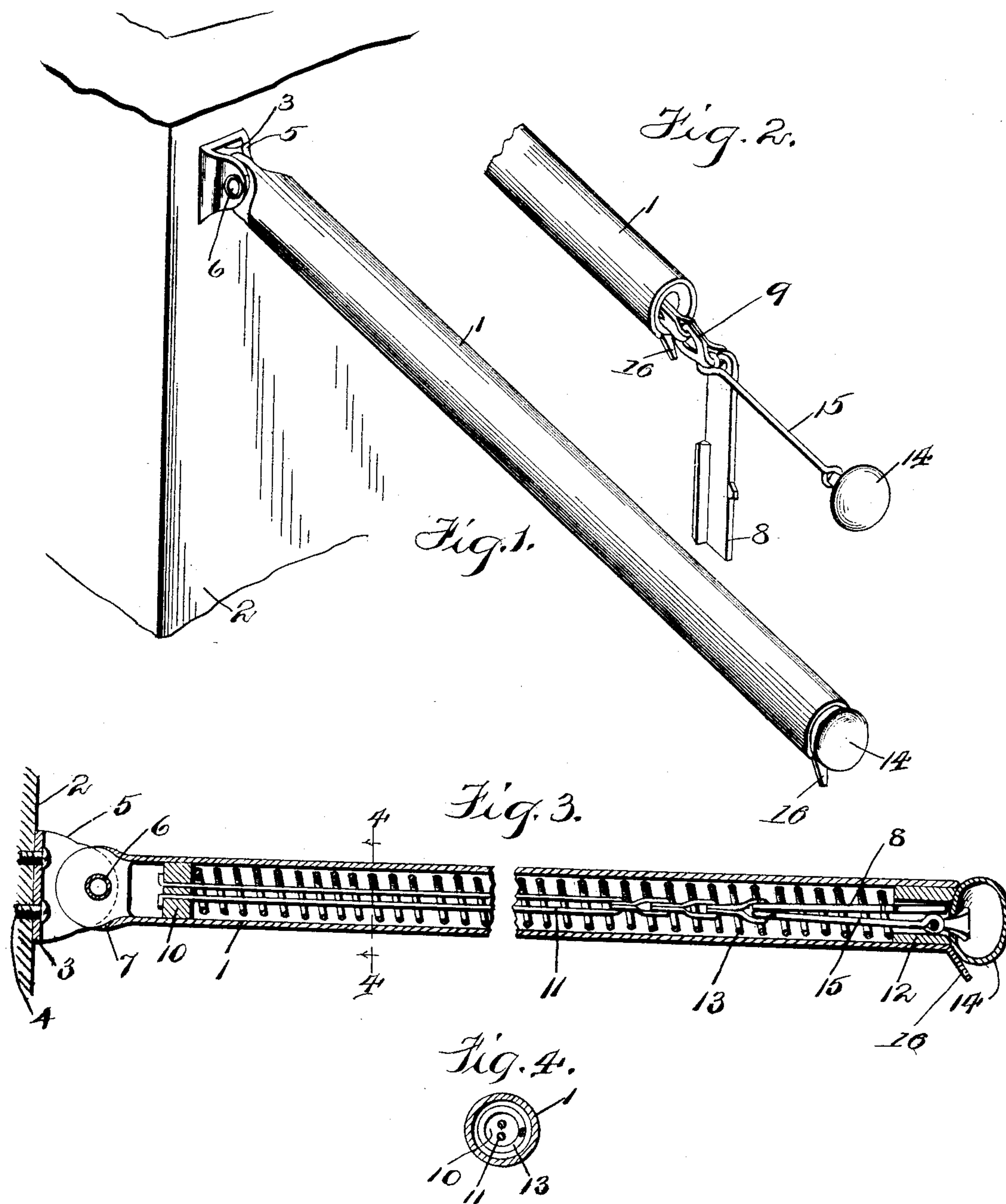
No. 697,066.

Patented Apr. 8, 1902.

A. BEYER.
WATCHMAN'S CLOCK KEY HOLDER.

(Application filed Nov. 12, 1900.)

(No Model.)



Witnesses:
J. S. Keir
J. A. D. Perry

Inventor
A. Beyer
by C. A. Beyer
C. A. Beyer's
attys

UNITED STATES PATENT OFFICE.

ALOIS BEYER, OF CHICAGO, ILLINOIS.

WATCHMAN'S-CLOCK-KEY HOLDER.

SPECIFICATION forming part of Letters Patent No. 697,066, dated April 8, 1902.

Application filed November 12, 1900. Serial No. 36,151. (No model.)

To all whom it may concern:

Be it known that I, ALOIS BEYER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented certain new and useful Improvements in Key-Holders for Watchmen's-Clock Keys, of which the following is a full, clear, and exact specification.

My invention relates to means for holding
10 keys employed for that class of watchmen's clocks which are usually carried by the watchmen from post to post or station to station where the key is located and the clock there manipulated by means of such key, thus compelling the watchman to make his rounds at the
15 proper time in order to get to the various keys; and my invention has for its primary object to provide improved and simple means whereby such keys may be immovably fixed at the
20 post or station, and the watchman thereby prevented from detaching the key and taking it to a more convenient place for manipulating the clock at the proper hour.

A further object of my invention is to provide means whereby the key will be protected from dirt and detrimental atmospheric influences.

With these ends in view my invention consists in certain features of novelty in the construction, combination, and arrangement of
30 parts by which the said objects and certain other objects hereinafter appearing are attained, all as fully described with reference to the accompanying drawings and more particularly pointed out in the claims.

In the said drawings, Figure 1 is a perspective view of my improved key-holder in its normal condition. Fig. 2 is a perspective
40 view of one end thereof, showing the key withdrawn in readiness to manipulate the clock. Fig. 3 is a longitudinal sectional view showing the key in place in the holder; and Fig. 4 is a transverse section taken on the line 4-4, Fig. 3.

45 In carrying out my invention I employ a tube or sheath 1, which is secured at one end to the building, wall, or other fixed part 2 by devices which will permit the sheath 1 to be turned into a convenient attitude for manipulating the key and at the same time prevent
50 either the key or the sheath from being removed. This means preferably consists of a

bracket having a back portion 3, through which rivets or nails or other suitable attaching devices 4 are driven into the wall or object 2, and side portions or ears 5, which are
55 pinched together over the heads of the screws 4 and are pivoted by means of a rivet 6 to a flattened end 7 of the sheath 1, so that while the sheath is pivotally attached to the bracket
60 the bracket may not be detached from the wall without destroying or defacing some of the parts.

8 represents the key, which may be of the usual or any suitable form, but of a form which
65 will pass into the sheath 1, and it is securely attached to the outer end of a chain or other flexible connection 9, whose inner end is connected in any suitable way to a follower 10, the means of connection between the chain
70 and follower being a U-shaped staple 11.

Arranged in the outer end of the tube or sheath 1 is a ring 12, which constitutes a shoulder, between which and the follower 10 is inserted a coil-spring 13, the spring surrounding the chain, key, and staple 11 and serving
75 to pull the same through the ring 12 and into the sheath 1. To the outer end of the chain 9, however, is attached a knob or ball 14 by means of a link 15 or other suitable flexible
80 connection, which passes, together with the key 8, through the ring 12 and into the sheath, the outer end of the key resting normally within the ring 12 and the ball or knob 14 being normally pulled against the outer end of
85 the sheath, so as to constitute a stopper for closing the sheath and excluding dirt and moisture. When it is desired to use the key, therefore, it will be seen that the same may be rendered accessible by simply pulling on
90 the knob 14, and when the latter is released the spring will again pull the key into the sheath and cause the ball or knob to close the outer end of the latter.

Another important feature of my invention
95 is a stop 16, which appears in the form of a spur or hook struck out from the end of the tube or sheath 1 and is adapted to engage in one of the links of the chain 9 when the latter is pulled out, so as to hold the spring from re-
100 coiling until the key has been used.

While I have described my invention as a means for holding the keys of watchmen's clocks, it will nevertheless be understood that

this is only one example of the many different forms of keys or other like objects that might be held and protected by my invention.

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

1. In a device for the purpose described the combination of the key, the sheath 1 having a ring 12 in one end thereof, the follower 10, a flexible connection between said follower and key for drawing said key into said ring, said key resting normally within said ring, a spring surrounding said flexible connection and bearing between said follower and ring and a knob having operative connection with said key and remaining normally outside of said sheath, substantially as set forth.

2. In a device for the purpose described the combination of a sheath, a yielding elastic connection in said sheath, a key inserted in said sheath and connected at its inner end to said elastic connection, a knob adapted to come against the outer end of said sheath and an elongated link connecting said knob with

said elastic connection at the inner end of said key, substantially as set forth. 25

3. In a device for the purpose described the combination of a key, a sheath for containing said key having one end flattened, a bracket 5, fastening devices passing through said bracket 5, said bracket having ears mashed together against and pivoted to said flattened end of the sheath and covering said fastening devices so as to prevent access to the latter, substantially as set forth. 30 35

4. In a device for the purpose described, the combination of a key, means connected with said key and having a flattened end, a bracket 5, fastening devices passing through said bracket, said bracket having ears mashed together against and pivoted to said flattened end and covering said fastening devices so as to prevent access to the latter, substantially as set forth. 45

ALOIS BEYER.

Witnesses:

F. A. HOPKINS,
EDNA B. JOHNSON.