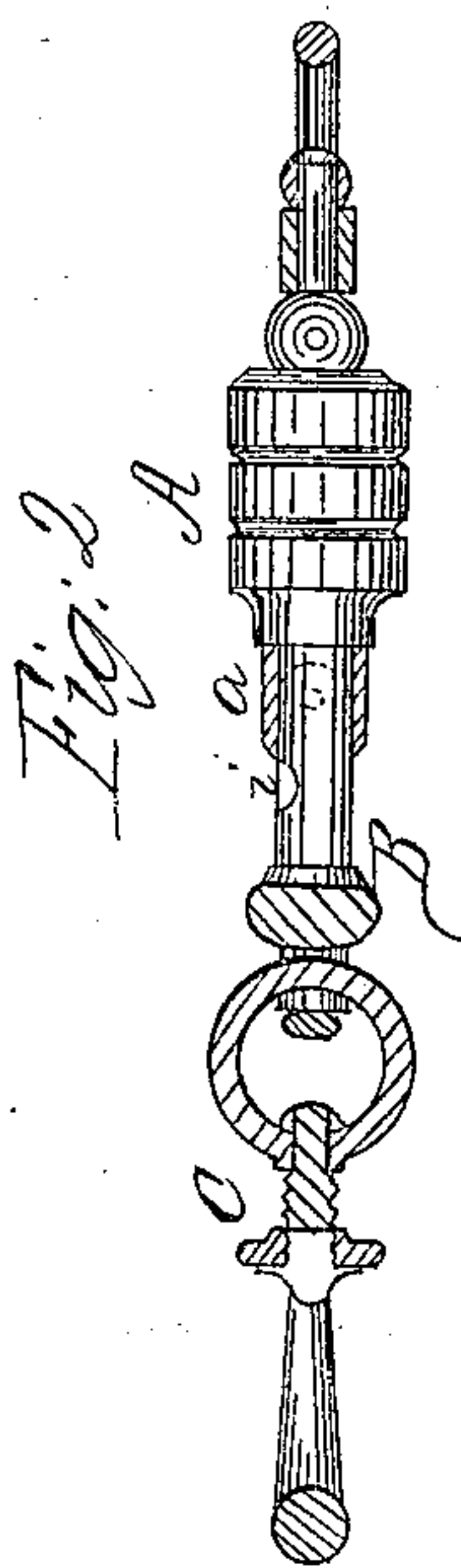
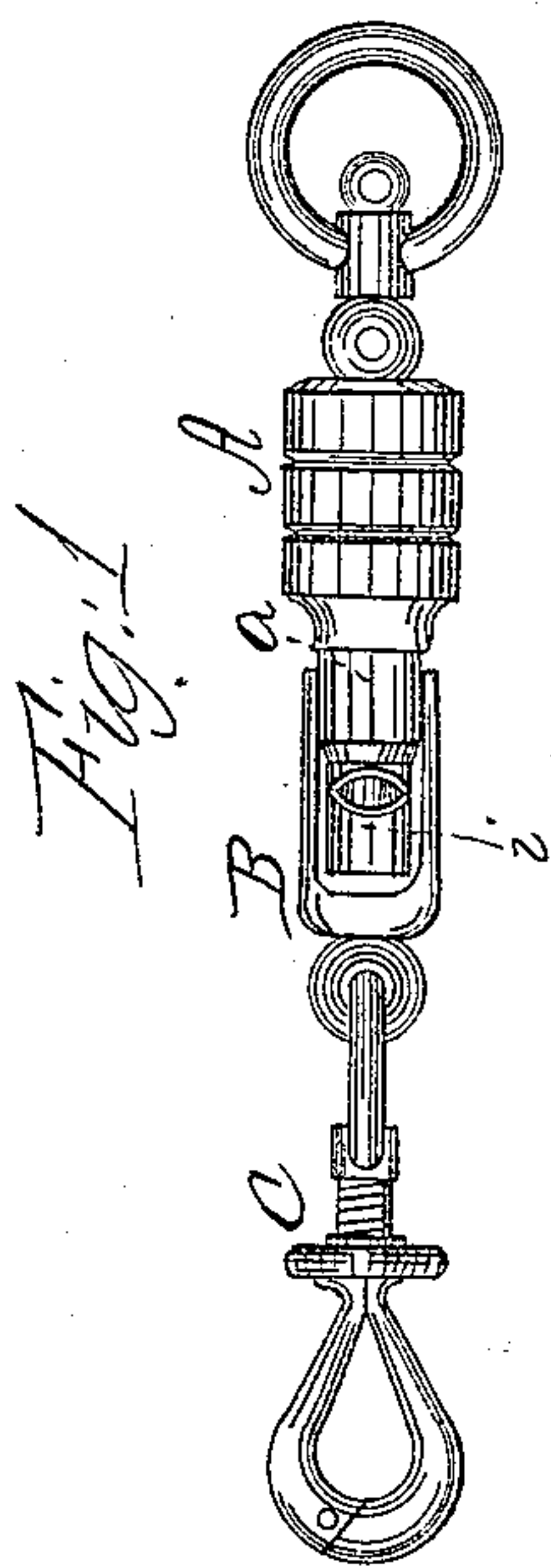


O. P. Kingman,
Watch Key,
No 68,208, Patented Aug. 27, 1867.



Witnesses:
Baltis D. Long
Theodore Lang.

Inventor:
O. P. Kingman
by his Attys
Boalwin & Son

United States Patent Office.

O. P. KINGMAN, OF BRIDGEPORT, CONNECTICUT.

Letters Patent No. 68,208, dated August 27, 1867.

IMPROVEMENT IN WATCH-KEYS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, O. P. KINGMAN, of Bridgeport, in the county of Fairfield, and State of Connecticut, have invented a new and useful Improvement in Watch-Keys, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, which makes part of this specification, and in which—

Figure 1 represents a view, in elevation, of my improved key; and

Figure 2 a similar view of the same, (partly in section,) taken at right angles to fig. 1.

It is the object of my invention to protect the barrel of the key from becoming obstructed, to clear it readily when obstructed, and to give the key an ornamental appearance, and to these ends the improvement herein claimed consists in swivelling a watch-key so as to turn freely (axially) in a collar turning on trunnions in a half-link, so that the key may be turned at right angles to the link on its trunnions, and then placed upon the arbor and turned to wind up the watch without turning the half-link, and then swing back within the link to protect it from obstruction. My invention further consists in cutting an opening near the bottom of the barrel of the key, to remove lint or other obstructions.

In order to carry out my invention, (as shown in the accompanying drawings,) an ordinary watch-key, A, is fitted with a collar, *a*, in which it turns freely axially. This collar is suspended on pivots or trunnions in a half-link, B, in such manner that the key may swing freely in a plane parallel with the sides of the half-link or loop B. This loop may also be suspended in an ordinary swivel, C. To wind up a watch the key is turned at a right angle to the loop and placed upon the arbor, when it turns freely in its collar without turning the loop B. When released the key hangs with its barrel within the loop, as shown in the drawings, where it is protected from dust. In order, however, to remove any obstructions which may enter the barrel, I cut a notch, *i*, in the side of the barrel, so as to insert a pin or needle, and draw or push out the obstruction. It is obvious that my improved key may be attached to the watch or suspended from the chain, and be concealed in the garment of the wearer when not in use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A watch-key rotating axially in a collar oscillating on trunnions, substantially in the manner described for the purposes set forth.
2. The combination of the axially-rotating key, the swinging collar, the half-link or loop, and the swivel C, for the purpose of winding up the watch with a key attached to the watch itself by a short link, and of protecting the key when not in use.
3. The notch *i* in the barrel for the removal of obstructions, as set forth.

In testimony whereof I have hereunto subscribed my name.

Witnesses:

JAMES A. HOUSE,
L. H. NORTHROP.

O. P. KINGMAN.