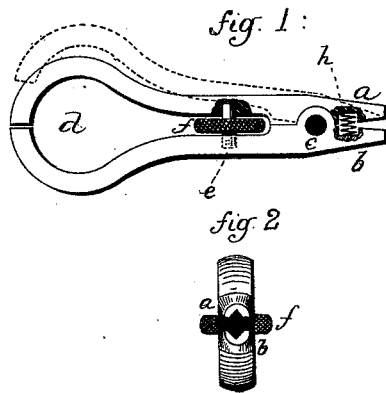


D. D. SMITH.  
WATCH-KEYS.

No. 195,542.

Patented Sept. 25, 1877.



Witnesses.

*J. H. Shumway*  
*Maria H. Lynch*

*Donald D. Smith*

*Inventor.*

*By Atty*

*Wm. Earle*

# UNITED STATES PATENT OFFICE.

DONALD D. SMITH, OF ROCK FALL, CONNECTICUT.

## IMPROVEMENT IN WATCH-KEYS.

Specification forming part of Letters Patent No. **195,542**, dated September 25, 1877; application filed June 19, 1877.

*To all whom it may concern:*

Be it known that I, DONALD D. SMITH, of Rock Fall, in the county of Middlesex and State of Connecticut, have invented a new Improvement in Watch-Keys; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a sectional side view, and in Fig. 2 an end view.

This invention relates to an improvement in watch-keys, the object being to adapt the key to various sizes of stems.

It consists in a pair of jaws, the noses of which are formed each with a longitudinal angular cavity, combined with an adjusting-screw between the arms of the jaws' back, and a spring forward of the pivot, by which the opening of the jaws may be made greater or less, as more fully hereinafter described.

*a* is one jaw and *b* the other, hinged together as at *c*, the ends of the jaws each constructed with a longitudinal angular cavity, as seen in Fig. 2. Back of the pivot the jaws are extended, and preferably so as to form together a ring-shaped end, *d*. Between the extensions a screw, *e*, is arranged, with a suitable head, *f*, for turning it, the screw preferably at right angles to the arms of the jaws, and the head *f* between the two, so as to pro-

ject at each side. By turning this screw the arms of the jaws are forced from each other, and this movement correspondingly closes the ends of the jaws, and thus the cavity in the ends of the jaws may be adjusted to fit various size winding-stems.

One end of the screw is free in one arm, the other end screwed into the other arm, and a spring, *h*, arranged forward of the pivot, the tendency of which will be to open the jaws. The ring or bow shaped end *d* forms a convenient means for attaching the key to a chain or otherwise.

By this construction the key may be adjusted after it is placed upon the stem—that is to say, the jaws open sufficiently wide to pass onto the stem, then the screw turned until the stem is grasped. The arrangement of the screw at *f* is convenient for such adjustment.

I do not broadly claim a watch-key consisting of two pivoted jaws and corresponding arms, as such, I am aware, is not new.

I claim—

The herein-described adjustable watch-key, consisting of the pair of recessed hinged jaws *a b*, combined with an adjusting-screw in rear, and spring *h* forward, of the pivot, substantially as specified.

DONALD D. SMITH.

Witnesses:

JOHN E. EARLE,  
R. KNEEBINGER.