

G. P. REED.
Watch Key.

No. 231,681.

Patented Aug. 31, 1880.

Fig. 1.

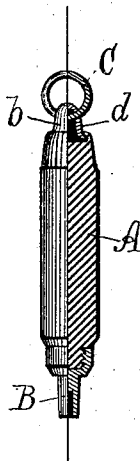


Fig. 2.



Fig. 3.

Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE P. REED, OF MELROSE, MASSACHUSETTS.

WATCH-KEY.

SPECIFICATION forming part of Letters Patent No. 231,681, dated August 31, 1880.

Application filed February 24, 1880.

To all whom it may concern:

Be it known that I, GEORGE P. REED, of Melrose, county of Middlesex, and State of Massachusetts, have invented certain useful
5 Improvements in Watch-Keys, of which the following is a specification.

The drawings accompanying this specification represent, in Figure 1, a sectional elevation of a watch-key containing my invention;
10 Fig. 2, a section of eyelet; Fig. 3, a section of the upper part of key-shank.

My invention relates to the peculiar construction of the swivel carrying the pendent ring by which the key is suspended, by which
15 I provide a strong, effective, and neat connection between the ring and body of the key, and one made at very small cost.

In the above-named drawings the body of the key is shown at A, its tubular winding-stem or barrel at B, and its pendent ring at C.
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In carrying my invention into practice I create in the end of the body A a shallow pocket or recess, *a*, and in this recess I deposit the lower end of the swivel-head, which
25 is shown at *b*, such head having an outstanding annular flange or lip, *c*, which loosely fills the recess. The annular edge or wall of the

recess *a* is now rubbed down and contracted about the body portion *d* of the head *b*, and the pendent ring C is passed through the upper part of said body, thus completing the swivel. 30

The head is a hollow cylindrical cup struck up from sheet metal, and upon its exterior, and when applied to the body of the key, has the appearance of being solid. It is sufficiently strong for all requirements, is neat in appearance, and can be made at minimum cost. 35

The head *b* may be solid; but it would present no advantage over the hollow cup, and would be more expensive to manufacture. 40

I claim—

A swivel for watch-keys, composed of a cylindrical head carrying a pendent ring, and having an annular lip to extend into a pocket in the end of the key-body, the wall of the pocket being turned or rubbed down about the lip, and the whole being substantially as and for purposes stated. 45

GEORGE P. REED.

Witnesses:

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