

A. S. BUCKELEW.
WATCH-CASE SPRING.

No. 170,341.

Patented Nov. 23, 1875.

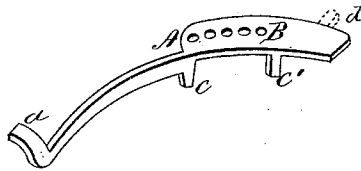


Fig. 1

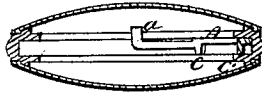


Fig. 2

Witnesses

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IMPROVEMENT IN WATCH-CASE SPRINGS.

Specification forming part of Letters Patent No. **170,341**, dated November 23, 1875; application filed September 18, 1875.

To all whom it may concern:

Be it known that I, ANSEL S. BUCKELEW, of Colusa, in the county of Colusa and State of California, have invented certain new and useful Improvements in Watch-Case Springs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a sectional view of a watch-case, showing the spring in position.

This invention has relation to watch-case springs; and consists in a certain improvement in the construction thereof, whereby springs of one size and make may, with less trouble than heretofore, be fitted to watches of various sizes, and thus diminish the cost of repair.

This improvement has reference particularly to the class of springs to which the patent to me bearing date August 24, 1875, pertains, the same consisting, essentially, of a curved plate, having at one end a bent lug, constituting the spring proper, and having a lateral projection near the other end, by filing which the plate may be adapted to the form of the circumferential recess in the watch-case.

In the said patented springs provision is made chiefly for the lateral adjustment to correspond with the depth of the recess.

In the present instance I provide for the adaptation of the spring-plate to the width of said recess; and for this purpose I form the plate with supports—one near the middle, and

the other near the rear end—of very diminutive size, and of length sufficient to suit the widest case watches, said supports projecting vertically from the under surface of the plate. Now, when a spring is to be fitted to a watch, this may be done by merely filing sufficient off the ends of the supports—the labor of a moment.

Referring to the drawings, A designates the spring-plate; *a*, the spring-lug; B, the screw-holes through which the plate is fastened to the case, several being provided to allow longitudinal adjustment. *c c'* are the vertical supports.

In the spring shown in my patent the support *c* is used; but I find it necessary to use another to supply the place of the large solid base usually formed. The two supports, therefore, are substituted for said base, and are decidedly more advantageous.

The plate may be made with or without the lateral projection *d*.

Having described my invention, I claim—

As a new article of manufacture, the improved spring for watch-case, consisting of the longitudinally-adjustable plate A, spring-lug *a*, and diminutive vertical supports *c c'*, said supports being located, respectively, near the middle and near the rear end of the plate, substantially as shown and described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of August, 1875.

ANSEL S. BUCKELEW.

Witnesses:

J. B. DE JARNATT,
ALFRED MEAD.