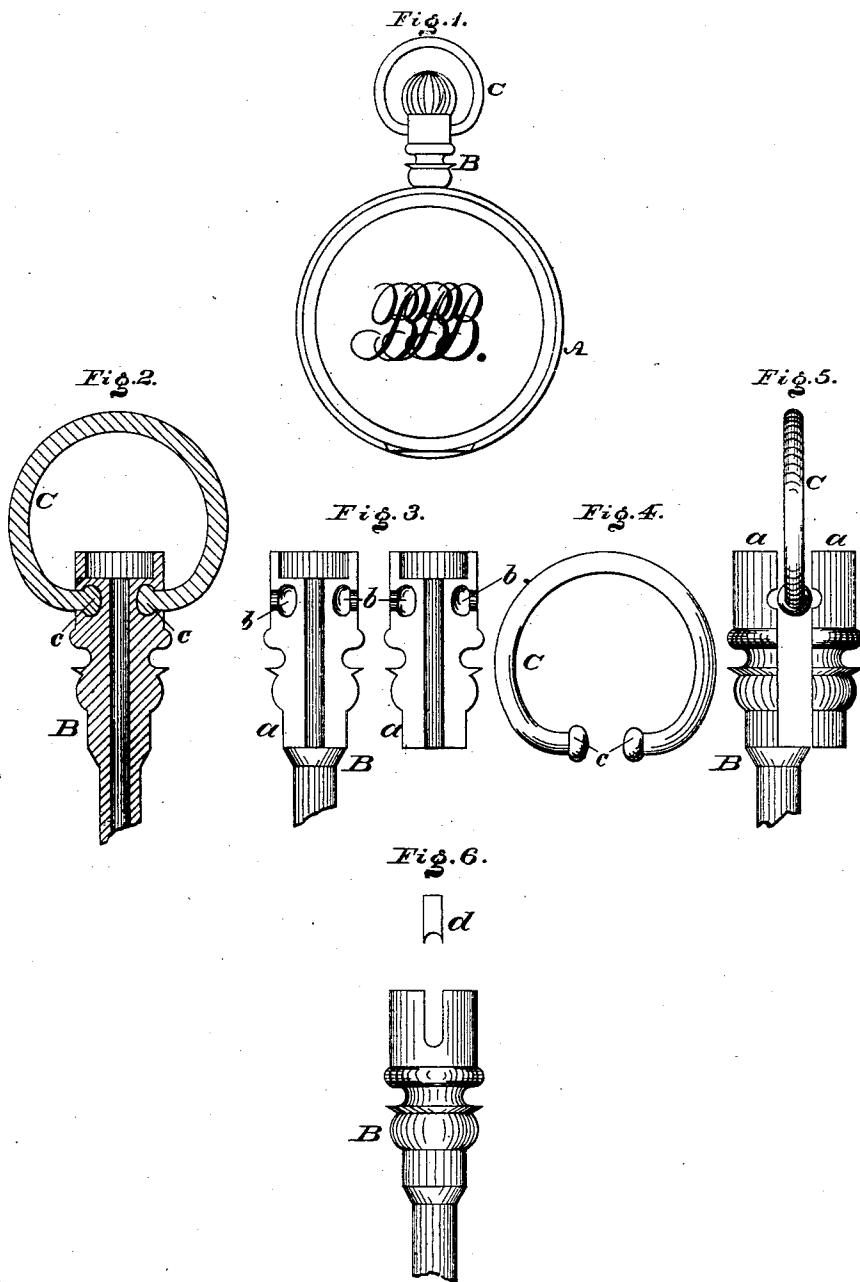


(No Model.)

C. S. HIRST.
Safety Pendant for Watches.

No. 235,529.

Patented Dec. 14, 1880.



Witnesses:

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Inventor:

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CHARLES S. HIRST, OF PHILADELPHIA, PENNSYLVANIA.

SAFETY-PENDANT FOR WATCHES.

SPECIFICATION forming part of Letters Patent No. 235,529, dated December 14, 1880.

Application filed November 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. HIRST, a citizen of the United States, residing in the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Safety-Pendants for Watches, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a view of a watch having my invention applied to it. Fig. 2 is a section of the portion thereof embodying my invention. Figs. 3 and 4 are detached views thereof. Fig. 5 is a side view of the parts separated. Fig. 6 is a view of a modification.

Similar letters of reference indicate corresponding parts in the several figures.

My invention has for its object the secure or safe attachment of the ring and pendant of a watch, whereby the separation of the body of the watch and ring by wrenching or violence is prevented.

The invention consists in constructing the ends of the rings whereby they are retained within the pendant without affecting the usual services of the ring, or "bow," as it is generally termed.

Referring to the drawings, A represents a watch of usual form and construction, and B C the pendant and ring or bow thereof, respectively.

The pendant is formed in sections *a a*, on the inner face of each of which, at opposite sides, are depressions, cavities, or sockets *b*, which are larger, wider, or deeper, or of greater diameters than the side openings, *b'*, each of which and the adjacent socket being in communication; and the ends of the bow C are constructed with bulbs, enlargements, swells or heads *c*, which are adapted to enter said sockets *b*, the heads and sockets being spherical, oval, angular, T, or other desired shapes, the socket of each section receiving one-half of a head of the bow.

When the bow is placed in position on one section of the pendant, the other section of the latter is fitted on the ends of the bow and the

first-named section, each pair of sockets forming a complete socket for one end of the bow, which, it will be noticed, is at the inner termination of the side opening, and so within the body of the pendant. The two sections are then soldered or otherwise firmly connected together as one, and the ends of the bow, as embedded within the pendant and larger than the side openings of the pendant, are rendered incapable of leaving the sockets *b*, and, consequently, of displacement from the pendant, the usual swinging motions of the bow not being prevented, and fastening screws, pins, or other devices being dispensed with.

It will be seen that the bow is securely and reliably attached to the pendant, and the separation of said parts by wrenching, as often practiced by pickpockets, and by violence, when chains are jerked or caught, is prevented, the safety of the watch thus being insured.

In lieu of forming the pendant in two longitudinal or vertical sections, the same may be constructed by removing a piece, *d*, as in Fig. 6, drilling sockets on the bottom of the cut-away piece and upper or exposed wall of the base of the space, applying the bow so that its ends enter the sockets on said wall, then inserting the piece *d* and soldering or otherwise rigidly securing the latter to the body of the pendant.

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

1. The improved connection for the pendant and bow of a watch, consisting of the pendant having within its body sockets which communicate with side openings, and the bow having on its ends heads of greater diameter than the side openings, substantially as and for the purpose set forth.

2. The pendant having sockets *b*, in combination with the bow having headed ends *c*, substantially as and for the purpose set forth.

CHAS. S. HIRST.

Witnesses:

WM. A. WIEDERSHEIM,
I. LEWIS VAN TINE.