

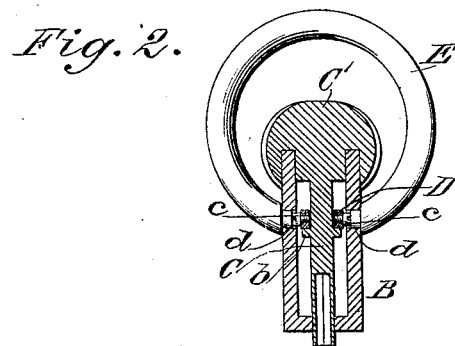
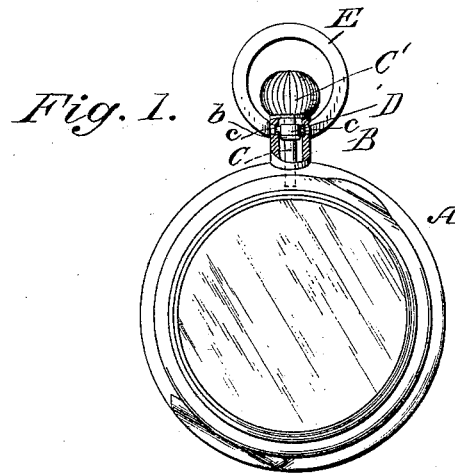
(Model.)

G. T. BAUGHMAN.

STEM HOLDING DEVICE FOR WATCHES.

No. 302,087.

Patented July 15, 1884.



WITNESSES:

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GEORGE THEODORE BAUGHMAN, OF BELLEFONTAINE, OHIO, ASSIGNOR TO
ALEXANDER W. MILLER, OF SAME PLACE.

STEM-HOLDING DEVICE FOR WATCHES.

SPECIFICATION forming part of Letters Patent No. 302,087, dated July 15, 1884.

Application filed January 7, 1884. (Model.)

To all whom it may concern:

Be it known that I, GEORGE THEODORE BAUGHMAN, of Bellefontaine, Logan county, and State of Ohio, have invented certain new and useful Improvements in Stem-Holding Devices for Stem-Winding Watches, of which the following is a full, clear, and exact description.

This invention has for its object the production of a simple, cheap, and efficient means for holding the stem with its attached crown in the pendant of the case of a stem-winding watch; and it consists, mainly, in a collet or ring within the pendant, and through which the stem having an inner shoulder is fitted to turn freely, said collet being provided with one or more screws or pins arranged to enter the hole or holes in the pendant in which the ends of the bow fit. Such construction gives a positive hold of the stem to and within the pendant independently of the bow, yet provides for a ready detachment of the stem and its crown after the bow has been removed, substantially as hereinafter described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both figures.

Figure 1 represents a face view of a watch-case of a stem-winding watch having my invention applied, the pendant being in section. Fig. 2 is a longitudinal section, upon a larger scale, of the pendant, the stem with its attached crown, and the collet on the stem, together with, as shown by full lines, the holding screws or pins of the collet and the bow in their respective places.

A is the watch-case, and B its hollow pendant. C is the stem with its attached crown C'.

Fitted loosely around the stem C, within the pendant B, is an independent stem-retaining collet or ring, D, which may be either made entire or divided to fit different-sized stems. This collet is arranged outside or in the rear of a shoulder or projection, *b*, on the stem, and is provided with duplicate removable pins or screws *c*, arranged so that their heads or outer ends enter the holes *d* on the opposite sides of the stem, within which the reduced ends of the divided watch-bow E fit.

Instead of duplicate pins or screws *c* fitting both the holes *d*, the collet D may only have one of such pins or screws fitting one of said holes. This construction, it will be seen, while it in no way restricts the free rotation of the stem, positively holds the stem with its crown in place, without being dependent upon the bow E to positively lock it or to hold it in place by mere friction, so that if the bow should become accidentally or otherwise detached it will in no way interfere with the positive lock or hold of the stem C within the pendant, yet in springing the bow out from its fit within the holes *d* in the pendant B the stem may be readily detached by simply removing the pin or pins, screw or screws *c*, from the outside of said hole or holes. When, however, the bow is in place, it will cover or conceal the pins or screws *c*.

This improvement may be readily applied to any stem-winding watch at such a trifling cost as to be scarcely appreciable.

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

1. In stem-winding watches, the combination, with the hollow pendant B and the winding-stem C, of the retaining independent collet or ring D for the stem, said collet being constructed to provide for the free turning of the stem within and through it, and being provided with one or more removable pins or screws, *c*, arranged to enter a side hole or holes in the pendant, substantially as specified.

2. In stem-winding watches, the combination of the independent stem-retaining collet D, having one or more removable and externally-projecting side pins or screws, *c*, the stem C, fitted to freely turn within and through said collet, the hollow pendant B, having side holes, *d*, within which said pin or pins, or screw or screws, are arranged to enter, and the bow E, constructed to engage with said holes, essentially as and for the purposes herein set forth.

GEORGE THEODORE BAUGHMAN.

Witnesses:

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