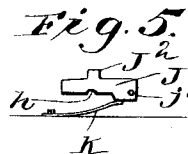
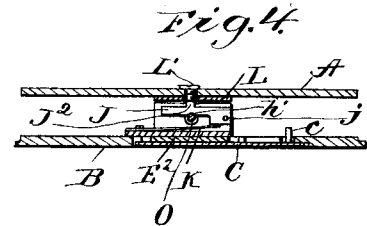
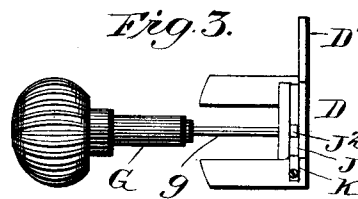
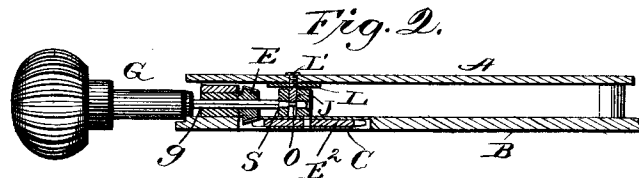
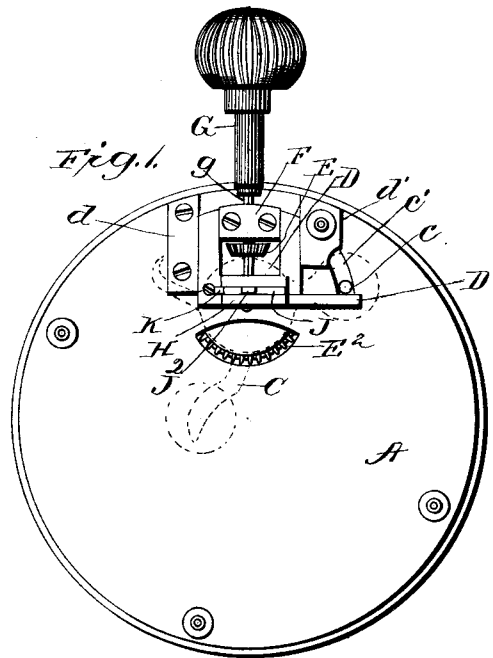


(No Model.)

E. GENEVAY & C. A. RANDOLPH.
PENDANT SETTING WATCH.

No. 533,532.

Patented Feb. 5, 1895.



Witnesses:

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UNITED STATES PATENT OFFICE.

EMILE GENEVAY AND CHARLES ADAMS RANDOLPH, OF HUNTSVILLE, TEXAS.

PENDANT-SETTING WATCH.

SPECIFICATION forming part of Letters Patent No. 533,532, dated February 5, 1895.

Application filed September 8, 1894. Serial No. 522,465. (No model.)

To all whom it may concern:

Be it known that we, EMILE GENEVAY and CHARLES ADAMS RANDOLPH, citizens of the United States, residing at Huntsville, in the county of Walker and State of Texas, have invented certain new and useful Improvements in Pendant-Setting Watches; and we 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 appertains to make and use the same.

This invention relates to an improvement in pendant setting watches, and it consists in the construction and arrangement of the parts hereinafter described and definitely pointed out in the claims.

The aim and purpose of the invention is the provision of an improved and simplified means for removably attaching the stem and for effecting the adjustments for setting and winding purposes.

To this end the invention relates to the construction illustrated in the accompanying drawings, wherein—

Figure 1 represents the pillar plate with the back plate of the movement removed. Fig. 2 is a central section taken in a line through the stem. Fig. 3 is a detail view of the stem and its immediate connection. Fig. 4 is a sectional view taken through the channel block of Fig. 2, and Fig. 5 is a detail view of the spring actuated locking device.

In the drawings A represents the pillar plate, and B the back plate, of the movement. On the bottom of the base is located the usual yoke for effecting the setting of the watch, the same being indicated in dotted lines Fig. 1 at C. The yoke C has a pin *c* projecting through an oblong slot *c'* in the base.

D represents a sliding yoke secured to the base by the cleats *d d'*. The yoke has an arm *D'* extending laterally therefrom and arranged to engage with the pin *c* to adjust the yoke C for setting purposes as the sliding yoke D is moved outwardly.

E represents a pinion having the usual shank which is journaled in the post or journal block F and through which the squared shank *g* of the stem G loosely fits. The pinion E actuates the winding and setting wheel E² as is usual.

On the inner upper face of the yoke D is

formed a channeled block H in the channel of which is pivoted the locking dog J by the pivot *j*. This dog is formed with a groove *h'* which registers with a lateral opening formed in the block H.

*j*² represents an upwardly projecting lug formed on the upper edge of the dog for purposes hereinafter stated.

K represents a spring projecting into the channel of the block H and engaging the under face of the dog and normally forces the same upward, and is used only to facilitate the removing of the stem.

On the under side of the pillar plate is secured a projecting plate L having a smooth under surface and an aperture therein. This aperture is adapted to register with and to receive the lug *j*² when the sliding yoke D is in its outward position. The dog J, when the yoke is pressed in is normally held down by having its lug *j*² in contact with the plate L. A filling screw L' is passed through the opening *l* its lower end being normally flush with the under face of the plate L so that the dog J will normally be held down when the yoke D is in its outward position for the reason that the lug *j*² will engage the inner end of the filling screw which is flush with the plate L.

It is to be understood that the plate L may be omitted and the pillar plate used in lieu thereof.

The inner end of the stem D is reduced and has an annular groove O therein. The reduced end of the stem is fitted in the aperture of the block H, its inward movement being limited by a shoulder S formed by the reduced portion and when the dog is down the same engages in the groove O and thereby locks the stem J.

In operation the stem is pulled outward moving the yoke which in turn moves the yoke C through the pin *c* the lug *j*² being held down by the plate L and the screw L'. When it is desired to remove the stem the screw L' is unscrewed a sufficient distance to allow the spring K to force the dog up and out of the groove O when the lug *j*² reaches the screw opening in the outward movement of the yoke. The stem is thereby released and may be easily withdrawn.

We are aware that many minor changes in the parts of the device can be made and substi-

tuted for those herein shown and described without in the least departing from the nature and principle of our invention.

Having thus fully described our invention, 5 what we claim as new, and desire to secure by Letters Patent, is—

1. In a watch, the combination with a removable stem, of a block at the end of the stem, means for slidingly securing the block 10 in place, a locking dog on the block adapted to engage and lock the stem in position, means for retaining the dog in a locked position, and a screw passing through said means with which the dog engages, substantially as described. 15

2. In a watch, the combination with a stem, of a sliding block in which the stem engages, a spring actuated dog on the block for locking the stem in place, and a cap plate arranged to engage the dog and retain the same 20 in a locked position and having a removable section arranged in line with the dog, substantially as described.

3. In a watch, the combination with a sliding yoke, a spring actuated dog carried there-

by, of a stem with which the dog engages, a plate above the dog for normally holding the same in engagement with the stem, a spring for pressing the dog out of engagement with the stem, a projection on the dog, and a screw 30 passing through said plate in line with said projection and of a diameter slightly greater than said projection, substantially as described.

4. In a watch, the combination with a yoke, 35 of a sliding yoke for adjusting the same, a spring actuated dog pivoted on the sliding yoke, a stem having an annular groove into which the dog is adapted to project, and a retaining plate for normally retaining the dog 40 in the groove and having a removable section with which the dog engages, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

EMILE GENEVAY.

CHAS. ADAMS RANDOLPH.

Witnesses:

E. B. SMITH,

W. A. TURNER.