

(No Model.)

A. BANNATYNE.
WATCH CARRIER.

No. 542,458.

Patented July 9, 1895.

Fig. 1

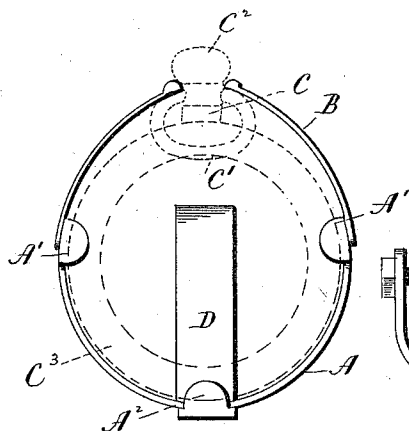


Fig. 2

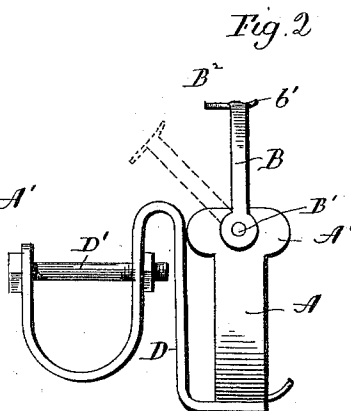


Fig. 3

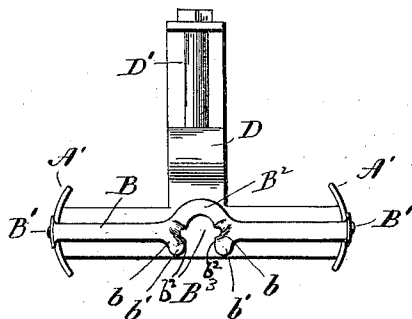


Fig. 5

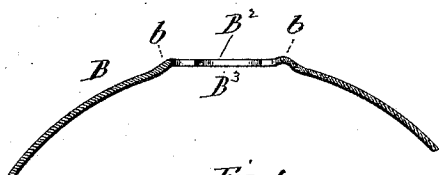
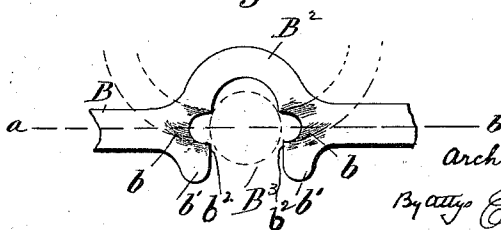


Fig. 4



Witnesses.

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UNITED STATES PATENT OFFICE.

ARCHIBALD BANNATYNE, OF WATERBURY, CONNECTICUT, ASSIGNOR TO
THE WATERBURY CLOCK COMPANY, OF SAME PLACE.

WATCH-CARRIER.

SPECIFICATION forming part of Letters Patent No. 542,458, dated July 9, 1895.

Application filed April 29, 1895. Serial No. 547,512. (No model.)

To all whom it may concern:

Be it known that I, ARCHIBALD BANNATYNE, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Watch-Carriers; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in front elevation showing a watch-carrier constructed in accordance with my invention in use, the watch being shown in broken lines; Fig. 2, a view of the device in side elevation with the bail shown in its operated position by full lines and in its retired position by broken lines; Fig. 3, a plan view of the device with the bail in its operative position; Fig. 4, an enlarged broken plan view of the bail; Fig. 5, a similar view thereof in vertical longitudinal section on the line *a b* of the preceding figure.

My invention relates to an improvement in watch-carriers for bicycles, the object being to produce a simple, compact, durable, and attractive device constructed with particular reference to convenience of operation and to being adapted to receive any watch—such, for instance, as the watch carried ordinarily by the rider—which he may temporarily remove from his pocket and place in the carrier and then return to his pocket when he leaves his mount.

With these ends in view my invention consists in a watch-carrier comprising a clip, a spring-stirrup attached thereto and adapted to receive the body of the watch, and a bail pivoted at its ends to the ends of the stirrup and constructed to engage with the pendant of the watch.

My invention further consists in certain details of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

As herein shown, I employ a spring-stirrup A, made from a single piece of metal and bent into semicircular form, but somewhat exceeding a semicircle in its curvature. It is constructed at each of its ends with a transversely-arranged pair of retaining-fingers A',

which are bent inwardly or bowed to conform to the curvature of the edge of a watch, which is indicated by broken lines in Fig. 1. The stirrup is also provided midway of its length with a centrally-arranged forwardly-projecting bowed retaining-finger A², which prevents the lower edge of the watch from forward displacement. These retaining-fingers may be made integral with the stirrup or not, as found desirable, and their number may be increased or decreased, or they may be dispensed with altogether and the body of the stirrup itself bowed to confine the edge of the watch. The device also comprises a bail B, preferably formed of spring metal and pivotally connected at its ends with the ends of the stirrup by means of pivots B' B'. Midway of its length the bail is enlarged to form a pendant-grip B², which is constructed with a forwardly-opening slot B³, adapted to receive the pendant-stem C, which is gripped between the pendant-ring C' and the pendant-crown C² of the watch C³. (Shown in broken lines, Fig. 1.) Oppositely-located notches *b b*, leading laterally out of the side walls of the said slot, give clearance to the lower ends of the pendant-ring, which is turned backward and downward until it engages with the watch-case prior to the introduction of the watch into the carrier. The pendant-grip is also struck up and embossed to form inclined ring-grips *b' b'*, which increase the grip of the bail on the pendant-ring and prevent the same from rattling, the open inner ends of the said grips coinciding with the said slots and the grips being inclined to correspond to the position of the ends of the ring when the ring is turned back and down. The said pendant-grip is also constructed with two forwardly-projecting upwardly-turned spring-retaining fingers *b² b²*, flanking the opening of the slot B³. These fingers are sprung over the pendant-ring when the bail is being engaged with the watch-pendant and assist in preventing the bail from being disengaged therefrom when the watch is adjusted in the carrier.

The particular means employed for connecting the watch with the handle-bar or other part of the vehicle may be varied. As herein shown, I employ a clip D, to which the stirrup is firmly secured, and which is bent to

form a support for the back of the watch. This clip is furnished with a bolt D', by means of which it is clamped upon the handle-bar or other part.

5 In using my improved carrier it is securely fastened to the bicycle by means of its clip, which is preferably, though not necessarily, applied to the handle-bar of the vehicle, for in that situation the dial of the watch is most
10 readily viewed. Then when it is desired to place a watch in it, its bail is thrown back and the watch, with its pendant and ring turned down and back, is set into the open upper end of the stirrup and forced down
15 thereinto, the stirrup springing open to receive it and then closing and gripping the watch by its edge. After this the bail is lifted and riding over the depressed ring is snapped, so to speak, over the same and
20 around the pendant of the watch, and thereafter holds the watch in the stirrup and prevents the ring from rattling. The watch will then ride in this way with perfect safety and in a position in which it may be readily con-
25 sulted by the rider, who may, when he dismounts and leaves his machine, readily remove the watch from the carrier by pushing the bail back into its retired position and then drawing the watch out of the stirrup, the
30 ends of which will be sprung outward by the watch to allow the same to be released.

The device is adapted to receive watches of any construction and of ordinary size, and the rider may, if he chooses, take his own
35 watch from his pocket and place it in the carrier as long as desired and then return it to his pocket again. The device therefore is not limited to watches of any particular class or construction, as watch-carriers for bicycles have
40 been as heretofore generally constructed. I do not, however, limit myself to constructing the clip in any particular way, as obviously it may be made in a variety of forms. Nor do I limit myself to constructing the stirrup
45 and bail in the exact form shown and described, for obviously they may also be changed in construction. Furthermore, I would have it understood that by the term "watch" I mean to include not only all
50 kinds of watches, but also that class of timepieces which are cased in the similitude of watches but have movements constructed rather more along the lines of clock-movements than of watch-movements. I would
55 therefore have it understood that I do not limit myself to the exact construction shown and described, but hold myself at liberty to make such variations as fairly fall within the spirit and scope of my invention.

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

1. In a watch-carrier, the combination with a clip, of a spring stirrup adapted to receive
65 a watch and grip the same by the edge thereof, and a bail pivotally connected with the upper ends of the stirrup, and adapted when

swung into the plane thereof to engage with the watch pendant, substantially as set forth.

2. In a watch-carrier, the combination of a
70 clip, of a spring stirrup adapted to receive a watch and grip the same by the edge, and constructed with transversely arranged retaining fingers, and a bail pivotally connected with the upper ends of the stirrup and adapted, when swung into the plane thereof,
75 to engage the watch by its pendant, substantially as set forth.

3. In a watch-carrier, the combination with a clip, of a spring stirrup constructed to re-
80 ceive a watch and grip the same by the edge, and a bail pivotally connected with the upper ends of the stirrup, and constructed with a forwardly opening slot to receive the watch pendant, substantially as set forth. 85

4. In a watch-carrier, the combination with a clip, of a spring-stirrup constructed to re-
90 ceive a watch and grip the same by its edge, and a bail pivotally connected with the upper ends of the stirrup, and constructed with a forwardly opening slot adapted to receive the watch-pendant, and embossed adjacent to the side walls of the said slot to co-act with the pendant-ring, substantially as set forth.

5. In a watch-carrier, the combination with
95 a clip, of a spring-stirrup constructed to receive a watch and grip the same by its edge, and a bail pivotally connected with the upper ends of the stirrup and constructed with a forwardly opening slot to receive the watch
100 pendant, and embossed adjacent to the side walls of the said slot to co-act with the pendant-ring, and the said bail being also constructed with upwardly turned fingers flank-
105 ing the opening of the slot, substantially as set forth.

6. In a watch-carrier, the combination with a clip, of a spring-stirrup constructed to re-
110 ceive a watch and grip the same by its edge, and a bail pivotally connected with the upper ends of the stirrup and constructed with a forwardly opening slot, adapted to receive the watch pendant and with oppositely located notches leading laterally out of the side walls
115 of the said slot, and embossed in line with the said notches, substantially as set forth.

7. In a watch-carrier, the combination with a spring stirrup, adapted to receive a watch
120 and grip the same by its edge, of a bail pivotally connected with the stirrup and constructed to engage with the watch pendant when brought into the plane of the stirrup, and a clip connected with the stirrup and extending upward behind the same to form a
125 rear support for the watch, and also adapted to be fastened to a bicycle, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ARCHIBALD BANNATYNE.

Witnesses:

H. L. DANIELS,
E. H. ALLEN.