No. 628,714. Patented July 11, 1899.

C. H. INGERSOLL.

HOLDER FOR TIMEPIECES.

(Application filed May 22, 1895.)

(No Model.)

Fig. 1.

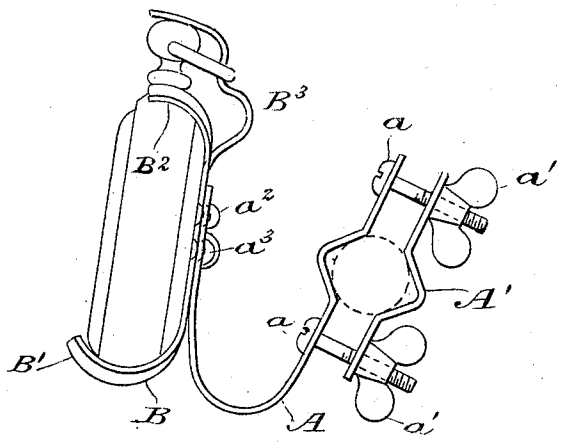
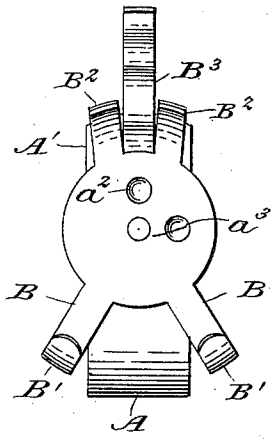


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

CHARLES H. INGERSOLL, OF JERSEY CITY, NEW JERSEY.

HOLDER FOR TIMEPIECES.

SPECIFICATION forming part of Letters Patent No. 628,714, dated July 11, 1899.

Application filed May 22, 1895. Serial No. 550,294. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. INGERSOLL, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a certain new and useful Holder for Timepieces, &c., of which the following is a specification.

My invention relates to time-movement supports or holders—as, for example, bicycle attachments—adapted for use, primarily, in holding timepieces, and has for its object the provision of watch-holders and appliances of the class described simple in construction, inexpensive in manufacture, and convenient and efficient in practical use.

To attain the desired end my invention consists in the construction, arrangement, and operation of parts hereinafter set forth.

In the drawings accompanying and forming a part of this specification, Figure 1 represents a side elevation of my timepiece-support, and Fig. 2 a front elevation of my holder proper.

Like letters of reference indicate like parts in said views.

I have found it desirable to provide means for carrying a timepiece on a bicycle in such a manner that the same will not be in the way and will be readily accessible when wanted, and I have therefore constructed according to my invention an attachment or holder embodying the preferred construction of parts and their mutual relationship, combination, arrangement, and organization in a composite body or structure, as hereinafter described.

Referring particularly to the drawings, A denotes a preferably spring arm or bracket provided with an adjustable clamp, as a vertical plate A′, horizontally-located screws a, and wing-nuts a', located at or adjacent to one end of the same. The other extremity of the bracket A is provided with a support, as a self-holding adjustable friction swivel-joint a^3, whereby the holder proper, B, may be sustained in a movable relation. The said support B is provided with suitable holding means, as the preferably spring-fingers B′ and the upper fingers B^2 and B^3, which latter is ordinarily provided with a groove or recess between its ends, the fingers B′ serving to hold the watch from moving downward or forward, the preferably bifurcated finger B^2, which ordinarily straddles the stem, assisting in preventing the timepiece from moving backward or upward, and the forwardly-projecting finger B^3 ordinarily serving to securely hold the crown and ring or bow of the watch in a rigid relation in order to prevent any rattling of the same and also to lock the timepiece in the said fingers B^2.

It is manifest that various omissions of some particulars could be made without materially affecting the essential features of my invention or the operation of the remaining parts, and I do not therefore wish to be limited to the specific structural details of the organizations herein set forth. Obviously the elements of the structure described may be located at an angle to the plane in which they are shown, or they may be inverted, if desired. I accordingly use the words "vertical," "horizontal," and the like in a relative sense.

In operation upon my adjustable clamp or bearing being applied either to the handle or frame of the bicycle the watch may be turned around and held in any desired position by means of registering devices, whereby the holder and bracket may be engaged, as points a^2, located in either the holder B or bracket A, constructed and arranged to register with corresponding recesses or indentations made in the other.

The watch may readily be detached, as for purposes of winding, setting, &c., and all rattling of the parts thereof is obviated.

As it is evident that many changes in the construction and relative arrangement of parts might be resorted to without departing from the spirit and scope of my invention, I would have it understood that I do not restrict myself to the particular construction and arrangement of parts shown and described, but that I reserve the right to make such changes, and that

What I claim as new, and desire to secure by Letters Patent, is—

1. A holder for a watch consisting of spreading, stationary, spring or elastic grip-fingers, arranged to engage the bottom edge of the watch, and stationary spring or elastic grip-fingers to engage the opposite or top edge of the watch, these fingers being arranged substantially as described, whereby,

when the lower edge of the watch is placed in the first-mentioned grip-fingers it may be forced or snapped into position to be gripped by the other fingers and be held securely against both outward and lateral movements and prevented from rattling, and elastic, flexible, or yielding means to engage the ring of the watch and hold the same in rear of the said spring grip-fingers.

2. A timepiece-holder consisting of upper and lower sustaining means, and also of holding means to press against the top of the crown and provided with a recess to receive the ring to prevent the said crown and ring from rattling.

3. In an appliance of the class described, an arm or bracket provided at one end with an adjustable clamp, and at the other with a self-holding, adjustable joint in combination with a timepiece-holder, whereby the said holder is supported by the said arm in a movable relation, the said timepiece-holder consisting of upper and lower sustaining means, and also of holding means to press against the crown or pendant and ring to prevent the said crown and ring from rattling.

4. A holder for a watch consisting essentially of a flange-like gripping means to engage one edge of the watch, and gripping means opposed thereto to engage an opposite edge of the watch, and a yielding or elastic holding device for the ring of the watch arranged in the rear of the said gripping means.

5. In an appliance of the class described, an adjustable clamp, and a self-holding adjustable joint in combination with a holder for a timepiece consisting of upper and lower retaining-fingers to grasp the body of the watch and a spring to engage the ring and crown thereof.

6. A timepiece-holder consisting essentially of a central plate, a pair of upper fingers, a pair of lower fingers, and an upper spring-arm having a groove adapted to receive the watch-ring, and a forwardly-projecting portion adapted to bear on the watch-stem.

7. A timepiece-holder consisting of a central plate having a bottom flange to support the bottom edge of the watch, an upper pair of fingers to bear on the upper edge of the watch, and also to form a fork to embrace the stem thereof, and a spring-arm to bear on the end of said stem and also to be engaged by the watch-ring, the whole being formed of an integral piece.

8. A watch-holder consisting of the central plate B, having the two flexible fingers B′, and the two opposing flexible fingers B^2, the spring-arm B^3, rising from said plate above the fingers B^2, and having a bend between its ends and extending forward over the said fingers B^2, so as to bear upon the end of the watch-stem when embraced by the fingers B^2.

9. In an appliance of the class described, a spring arm or bracket provided at one end with an adjustable clamp, and at the other with a self-holding adjustable joint, in combination with a timepiece-holder, whereby the said holder is supported by the said arm in a movable relation, the said timepiece-holder consisting of upper and lower sustaining means, and also of holding means to press against the crown or pendant, and ring or bow, to prevent the said crown and ring from rattling.

10. A holder for a watch consisting of a pair of spreading stationary arms to form a bearing or rest, and to grip the watch by the edge at the bottom thereof and a pair of stationary arms to grip the watch at the top thereof, integral with the first-named arms or rest, the relation of the arms being such that when the watch is placed in the first-mentioned arms or rest, it may be snapped into position and held against rotatory, vertical or outward movement and from which the same may be readily detached, the said holder being also provided with elastic, flexible or yielding means to engage the watch-ring, to hold the same rearward of the spring-arms to prevent the watch from being thrown by jolts or like quick movements from said spring-arms, and whereby the watch may be engaged with or disengaged from the holder by one hand.

In testimony of the foregoing specification I do hereby sign the same, in the city of New York, county and State of New York, this 8th day of May, A. D. 1895.

CHARLES H. INGERSOLL.

Witnesses:
JNO. H. JUDGE,
J. ODELL FOWLER, Jr.