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G. B. CRAPO

WATCH SUPPORT

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Fig. 1,

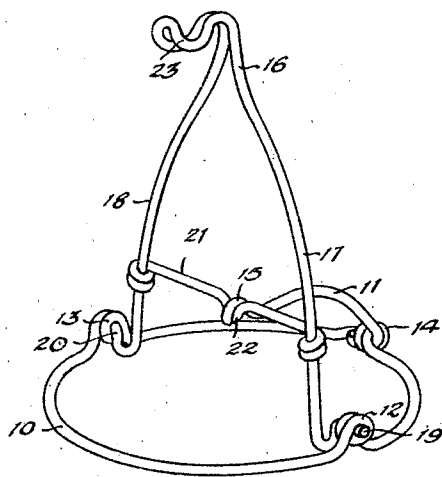
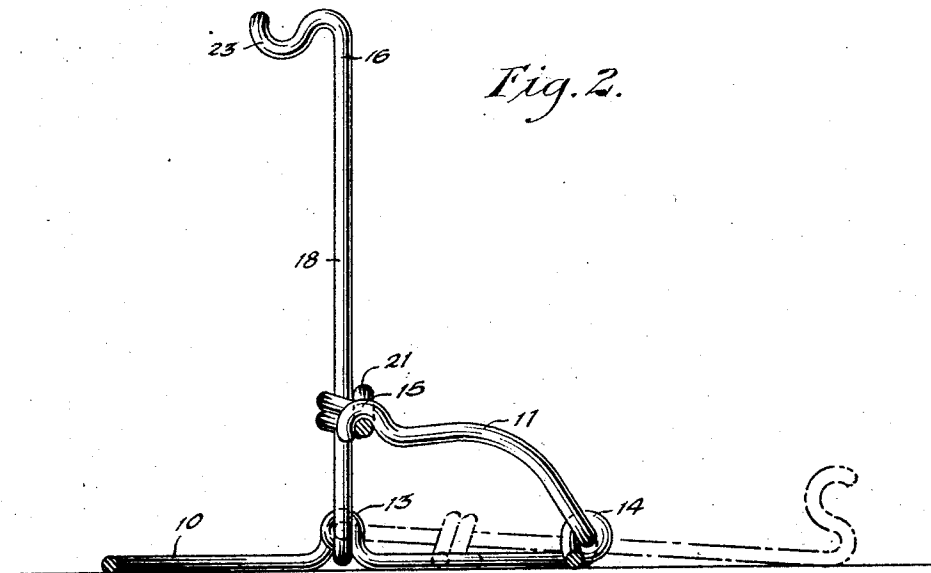


Fig. 2.



WITNESSES

Edw. Thorpe
C. W. Savage

INVENTOR

George B. Crapo
BY *Mumale*
ATTORNEYS

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UNITED STATES PATENT OFFICE.

GEORGE B. CRAPO, OF MARION, MASSACHUSETTS.

WATCH SUPPORT.

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To all whom it may concern:

Be it known that I, GEORGE B. CRAPO, a citizen of the United States, and a resident of Marion, in the county of Plymouth and State of Massachusetts, have invented new and useful Improvements in Watch Supports, of which the following is a full, clear, and exact description.

This invention relates to collapsible watch supports.

The general object of the invention is the provision of a cheap, simple and efficient folding watch support that may be easily erected for supporting a watch in an upright position so that the dial may be observed from a distance.

This object is accomplished by providing a base, hinging on the base a watch supporting arm, and providing in conjunction with the base a spring arm for engaging the supporting arm to retain it in an upright position.

This and other objects of the invention will be more clearly understood from the following detailed description and accompanying drawings.

Figure 1 is a perspective view of the collapsible watch support;

Figure 2 is a side elevation of the collapsible watch support showing its construction.

Referring to the above-mentioned drawings, the invention includes a base 10 formed from a single wire by folding the wire to form a ring. This base is retained in shape by winding the end 14 of the wire about the main body of the wire at a point where the arm 11 is folded inward. Two bearings 12 and 13 are formed in the base 10 by making loops in the wire before it is folded to form a ring. These bearings are provided for carrying the supporting arm to be described in a subsequent paragraph. The arm 11 is curved and has provided on its end a hook member 15.

A supporting arm 16 is formed by doubling a wire, as shown in Figure 1, and curving the sections of the wire outward, forming diverging legs 17 and 18. Axles 19 and 20 are formed on the lower ends of the legs 17 and 18, respectively, by turning a portion of the ends outward. These axles 19 and 20 are provided for mounting in the bearings 12 and 13, respectively, thus hinging the supporting arm 16 to the base 10. Mounted between the legs 17 and 18 is a bracing member 21 serving to retain the axles 19 and 20

in position. An offset 22 is provided in the bracing member 21 for receiving the hook 15 of the arm 11. Formed on the upper end of the supporting arm 16 is a hook 23 for receiving the ring on the watch.

When the watch support is folded it occupies the position shown by dot and dash lines in Figure 2. When folding the support the spring arm 11 rides over the connecting member 21, the said member passing under the arm and owing to the shape and resiliency of said arm, the arm 16 will be held folded. In erecting the watch support for use, the supporting arm 16 is raised into an upright position, the spring 11 riding in the offset 22. Upon the supporting arm 16 reaching its upright position the hook 15 snaps into position in the offset 22. The heel of the hook member 15 is curved so that upon the exertion of a force on the supporting arm 16 it may be rotated about its axles 19 and 20, the offset 22 of the bracing member 21 sliding out of the hook member 15.

I would state in conclusion that while the illustrated example constitutes a practical embodiment of my invention I do not limit myself strictly to the exact details herein illustrated since manifestly the same can be considerably varied without departing from the spirit of the invention as defined in the appended claims.

Claims:

1. A folding watch support, comprising an annular base, a pair of converging arms hinged to the base, a watch receiving hook formed on the upper ends of said converging arms, a bracing member extending between the converging arms near the base, and a spring arm carried by the base for engaging said bracing member to retain the converging arms in an upright position or folded on the base.

2. A folding watch support, comprising a base formed from a single wire curved to form an annular member, a spring arm formed integral with the base, bearings formed in the base by making loops in said wire, a supporting arm provided with out-turned ends for mounting in said bearings to hinge the supporting arm to the base, and means mounted on the supporting arm for engaging with said spring arm serving to retain the arm in a vertical position or folded on the base.

3. A folding watch support, comprising a ring-shaped base having oppositely ar-

5 ranged bearings, a supporting arm having diverging legs provided with axles mounted in the said bearings, said arm having means at its upper end for suspending a watch therefrom, a member connecting the legs of the arm, and a spring arm on the base and engaging the leg connecting member to hold the arm in vertical position.

10 4. A folding watch support, comprising a ring-shaped base having oppositely arranged bearings and provided with an in-

tegral spring arm terminating in a hook, a supporting arm having diverging legs terminating in pivots engaging said bearings, the arm having a hook at its upper end, and 15 a member connecting the legs of the supporting arm and provided with an offset with which the hook of the spring arm engages to hold the supporting arm in a vertical position.

GEORGE B. CRAPO.