Apr. 3, 1923. 1,450,264

H. J. SCHITTERER

SWIVEL HOOK FOR WATCH CHAINS

Filed Nov. 16, 1921

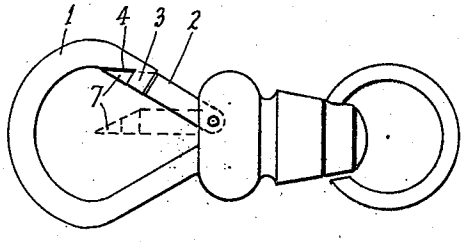


FIG. 1.

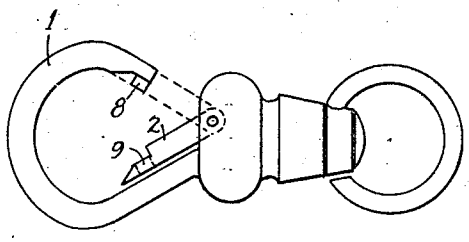


FIG. 2.

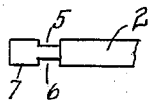


FIG. 3.

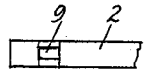


FIG. 4.

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UNITED STATES PATENT OFFICE.

HERMAN J. SCHITTERER, OF SAN DIEGO, CALIFORNIA.

SWIVEL HOOK FOR WATCH CHAINS.

Application filed November 16, 1921. Serial No. 515,524.

To all whom it may concern:

Be it known that I, HERMAN J. SCHITTERER, a citizen of the United States, residing at San Diego, in the county of San Diego and State of California, have invented a certain new and useful Swivel Hook for Watch Chains, of which the following is a specification.

My invention relates to watch chain swivel hooks and more particularly to such swivels as are provided with a spring latching snap hook, and some of the objects of my invention are; to provide a swivel hook which shall be neat in appearance, of light weight, strong without being bulky, to provide a safety catch which shall prevent the hook from unbending under extraordinary strain, simplicity of construction, ease of operation, and durability.

With these and other objects in view as will appear hereinafter my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application in which:

Figure 1 is a side elevational view of my swivel hook showing the opening position of the latch by dotted lines; Fig. 2, is a side elevational view of a modified form showing the latch open; Fig. 3 is a fragmentary top or plan view of the snap or latch in Fig. 1; and Fig. 4 is a fragmentary top or plan view of the latch or snap in the modification as shown in Fig. 2.

Similar reference characters refer to similar parts and portions throughout the several views of the drawings.

Difficulty is experienced with the ordinary or conventional watch chain swivel hook on account of the hook portion unbending very easily when subjected to extraordinary strain unless the hook portion is formed of sepecially heavy material. I have overcome this difficulty with my invention.

The principal parts of my invention are; the hook portion 1 and snap or latch portion 2.

These are similar in shape to the conventional hook and snap of the swivel hook now in use.

In the embodiment of my invention illustrated in Fig. 1 the hook 1 is crossed at the extremity into the shape of an inverted U, one of the depending legs 3 of which is shown in Fig. 1, the U forming an open slot adapted to receive the latch 2 and a deepened notch is formed in hook 1 adjacent to the depending legs of the U.

The latch 2 is formed with notches 5 and 6 on either side thereof for the purpose of receiving the legs 3 of the U portion. The expanded portion 7 sinks into notch 4 and resists any tendency to unbend the hook due to unusual strain thereon. The spring latch or snap 2 is depressed as shown by dotted lines in Fig. 1.

In the modification shown in Fig. 2 of the drawing a free end of hook 1 is provided with an inwardly extending lug 8 instead of the depending legs of the U as 3 and the latch or snap 2 instead of it shown with notches at the sides 5 and 6 is formed with a hole 9 into which the lug 8 fits as a tenon. In Fig. 2 the latch 2 is shown depressed while it is shown in position by dotted lines.

It is obvious that this device will prevent the unbending of the hook and its consequent destruction; the simplicity of operation of my device is obvious because it is the same as the conventional swivel hook; its superior durability will also be appreciated since it obviously prevents destruction of the hook.

Although I have shown and described a particular construction, combination and arrangement of parts and portions I do not wish to be limited to this particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

A device of the class described, including a casing, a hook member secured to one end of said casing and provided with an inwardly beveled free end and a lug extending inwardly from said free end with

its inner side at a substantial right angle with the outer edge of the hook, and a latch member pivotally mounted at its one end in said casing and having its opposite end bevelled outwardly conforming with the bevelled free end of said hook member and provided with a slot extending from the outer to the inner side and spaced from the end thereof conforming substantially with the lug at the free end of said hook member.

In testimony whereof, I have hereunto set my hand at San Diego, California this 10th day of November 1921.

HERMAN J. SCHITTERER.