C. J. CALLAHAN.

SNAP HOOK.

APPLICATION FILED FEB. 1, 1918.

1,275,842. Patented Aug. 13, 1918.

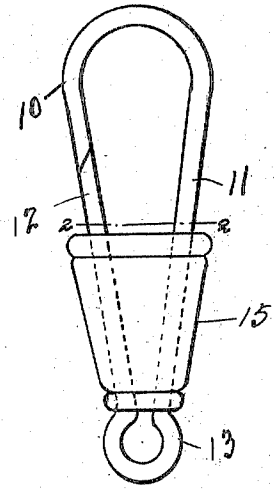


Fig. 1

Fig. 3

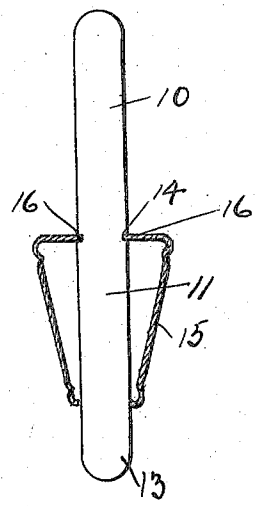
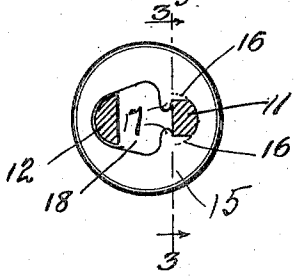


Fig. 2



Inventor

Charles J. Callahan

By Howard E. Barlow

Attorney

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES J. CALLAHAN, OF ATTLEBORO, MASSACHUSETTS, ASSIGNOR TO FREEMAN-DAUGHADAY CO., OF CHARTLEY, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

SNAP-HOOK.

1,275,842. Specification of Letters Patent. Patented Aug. 13, 1918.

Application filed February 1, 1918. Serial No. 214,795.

To all whom it may concern:

Be it known that I, CHARLES J. CALLAHAN, a citizen of the United States, and resident of the city of Attleboro, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Snap-Hooks, of which the following is a specification.

This invention relates to improvements in snap hooks used more particularly for chains such as watch chains, neck chains and the like for personal wear.

The object of my invention is to reduce the expense of construction of snap hooks of this character and provide such a hook that is neat and finished in construction.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings:

Figure 1— is a side elevation of my improved hook.

Fig. 2— is a section on line 2—2 of Fig. 1 looking down onto the inclosing sleeve, showing the lips on the sleeve as engaging corresponding notches in the back member of the hook.

Fig. 3— is a section on line 3—3 of Fig. 2, showing the notches formed in the side edges of the back member of the hook and the inturned lips of the sleeve engaging said notches.

Referring to the drawings, 10 designates the body portion of the hook member, which is preferably formed of half round stock and bent into hook form having an elongated body portion, the same comprising a rigid back member 11 and a spring tongue front member 12.

The lower end of this body portion is bent into eye form at 13. The opposite edges of the back member 11 of this hook are provided with oppositely-disposed notches 14 at a point substantially opposite the spring-tongue member 12.

In order to provide a convenient means for manipulating this snap hook and also for providing a protector for the spring tongue, I have formed a sleeve 15 of sheet metal, which is rolled about the body of the hook into substantially a conical form; and in order to connect this sleeve member rigidly to the hook member so as to prevent relative movement between these two parts I have provided inwardly-turned-oppositely-disposed lips 16 on the upper edge of this sleeve, which engage the notches 14 formed in the edge of the back member 11, and I also provide inwardly-turned fingers 17 which engage the inner surface of the back member 11 so as to rigidly and effectually lock the edges 16 of this sleeve member to the back arm 11 of the hook.

An elongated opening 18 is provided in the upper portion of this sleeve member so as to permit a free movement of the tongue member 12 therein.

The device is extremely simple, inexpensive and practical in its construction.

The foregoing description is directed solely toward the construction of snap hook illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claim.

I claim:

A watch chain snap hook comprising an elongated hook-shaped body having a rigid back member and a spring tongue front member, said back member being provided with recesses formed therein at a point substantially opposite said tongue, a sleeve inclosing a portion of said body and having inwardly extending lips engaging said recesses, and fingers engaging the inner face of said member to lock said lips in said recesses and prevent movement of said sleeve on the hook.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES J. CALLAHAN.

Witnesses:

FRANK P. DAUGHADAY,

M. E. SHARKEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."