

H. D. SARGENT.
GARMENT LOOP.
APPLICATION FILED JULY 26, 1909.

999,878.

Patented Aug. 8, 1911.

FIG. 1.

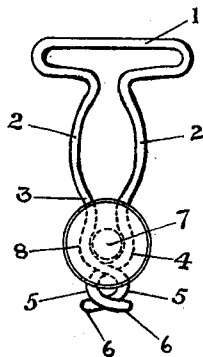
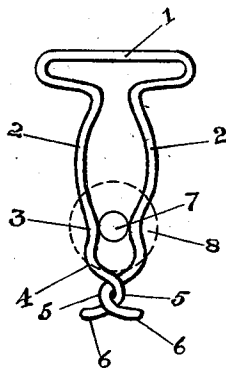


FIG. 2.



WITNESSES

George J. Tribe

Jesse M. Knight

INVENTOR

HENRY D. SARGENT

ATTY-

O. G. Jeff

UNITED STATES PATENT OFFICE.

HENRY D. SARGENT, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO T. MARTIN & BROTHER MANUFACTURING COMPANY, OF CHELSEA, MASSACHUSETTS, A CORPORATION.

GARMENT-LOOP.

999,878.

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To all whom it may concern:

Be it known that I, HENRY D. SARGENT, citizen of the United States of America, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Garment-Loops, of which the following is a specification.

My invention relates to clasps and more particularly to that form of clasp which is adapted to be fastened to the end of a suspender or other supporting means to engage a button or a shank thereof which is connected to a garment.

The object of my invention is to produce a clasp in the form of a link which is adapted to be held by the bracket of a suspender end which is of such configuration as to be readily applied not only to the suspender but also to a suitably located button which latter it is adapted to receive and clasp between resilient spring arms.

Another object of my invention is the production of such a clasp or link consisting of a single piece of spring wire provided with a loop for engaging the suspender end and with separated hooked ends for engaging the shank of the button, said hooked ends adapted to interlock beneath said crank. An intermediate bowed portion is also provided through which the button may be received.

With the foregoing and other objects in view, my invention consists in such details of construction and combination of parts as will hereinafter more fully be described and specifically pointed out in the claim.

In describing my invention in detail, reference will be had to the accompanying drawings in which like reference characters denote like or corresponding parts throughout the several views and in which:—

Figure 1 is a view in elevation of my improved link showing the shank of the button in position; and Fig. 2 is a similar view showing the shank of the button just before the latter has reached its designated position.

In carrying out my invention I provide a loop 1 which is adapted to be clasped in the bracket of a suspender end. This loop is contracted near the center of the lower side and has two arms 2 depending therefrom, said arms being bowed outwardly, as

shown, in order that a button may be held therebetween.

Arms 2 are contracted as at 3 sufficient space being left between them to receive the shank 7 of a button 8 in order that said shank may spring the arms apart in passing through said contracted portions. Below said contracted portions the arms are again bowed outwardly as shown at 4 in order that said arms may receive the shank 7 of the button.

The lower ends of the arms are again contracted and formed into hooks 5 said hooks being adapted to interlock. By reference to Fig. 1, however, it will be observed that the twist given to the hooks 5 is such that said hooks are permitted to be loosely interlocked, or in other words to be sprung apart a short distance when the arms are in their normal position. When the shank 7 of the button passes between the upper contracted portion 3—Fig. 2,—the arms are pressed outwardly and the hooks are then brought into contact with one another. The hooks immediately spring apart, however, as soon as the shank of the button passes out of said contracted portion. The ends of the hooks are slightly prolonged as at 6, and said ends being turned or bent laterally and finished in such manner as to prevent rubbing and wearing of the cloth against which they come in contact. It will be noted that the ends may be bent upwardly or downwardly or in any direction consistent with the variation in conditions and circumstances.

As may be readily seen I have provided a link connection which is easily and cheaply constructed of a single piece of spring wire. It is easily applied to the suspender end and just as easily secured to the button. The button is first forced through the upper bowed portion then passed down through the contracted portion 3, thus forcing the hook ends to interlock as shown and holding the button securely within the lower bowed portion by the pressure which is exerted by the spring arms. The shank of the button is securely grasped and retained and it is necessary to apply considerable pressure to release the button from the lower bowed portion within which it is received.

I wish it to be understood that I do not limit myself to the exact construction and

arrangement as disclosed and hereinbefore set forth, but that slight changes may be resorted to within the spirit and scope of my invention.

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

10 As an article of manufacture, a garment supporting loop for suspenders, said loop being formed of a single section of resilient wire looped upon itself to form a suspender receiving portion with depending arms restricted at their juncture with the suspender receiving portion and then bowed outwardly, 15 said arms also having inwardly bowed portions forming a restricted passage and then bowed outwardly for receiving a button shank, said arms being then bent inwardly

and curved laterally outwardly to form hook portions adapted to overlap each other 20 in twisted relation, and adapted to engage the inner face of the button below the shank, to prevent uneven strain thereon, said hook portions being disposed in engagement with each other when the shank 25 is disposed at the restricted passage and being adapted to spring apart when said shank is disposed in the receiving portions therebelow.

In testimony whereof, I affix my signature 30 in the presence of two witnesses.

HENRY D. SARGENT.

Witnesses:

O. A. TAFT,
IRENE M. KNIGHT.

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