

E. J. SELDEN.
 HOOK AND EYE.
 APPLICATION FILED MAY 11, 1910.

988,827.

Patented Apr. 4, 1911.

Fig. 1.

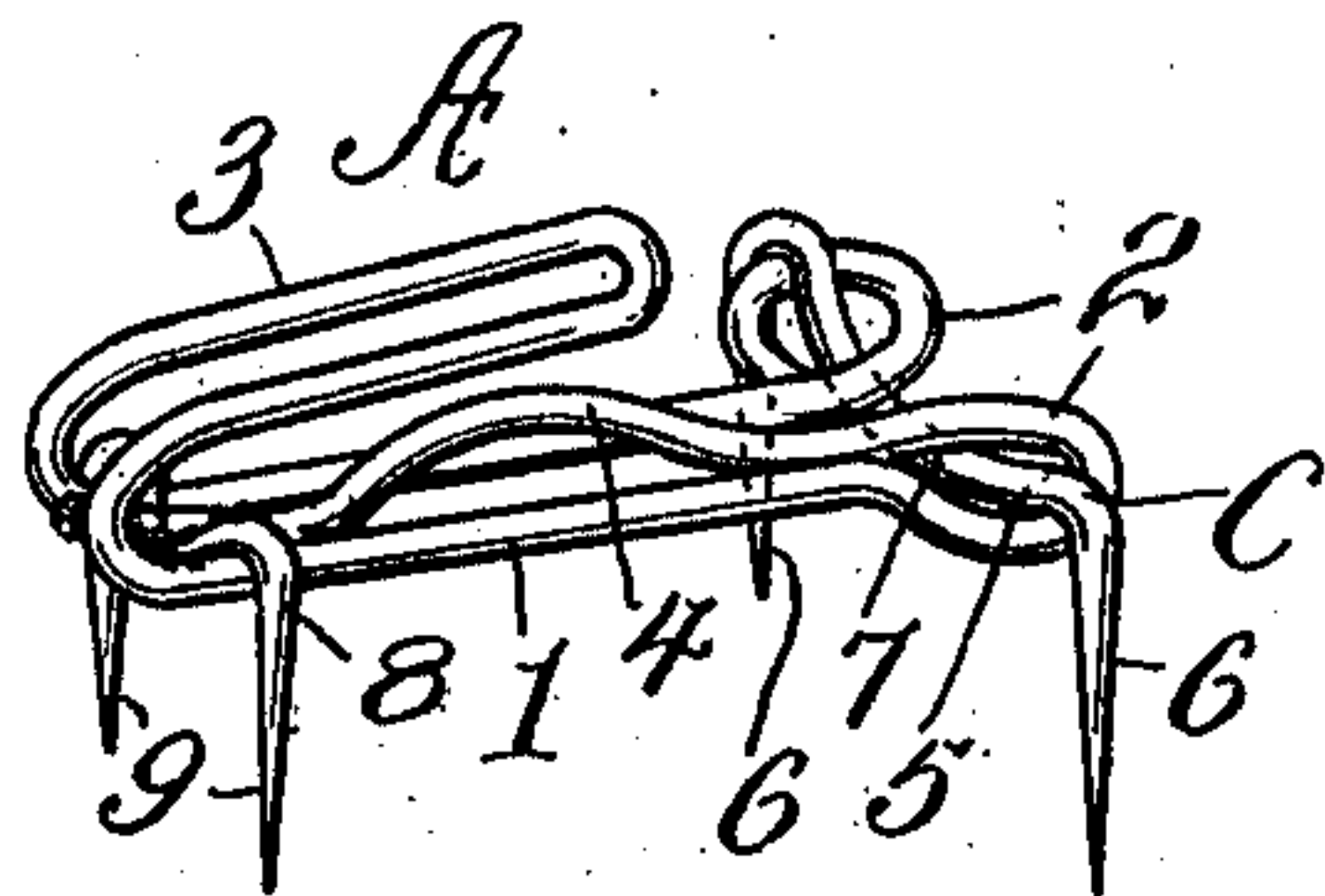


Fig. 2.

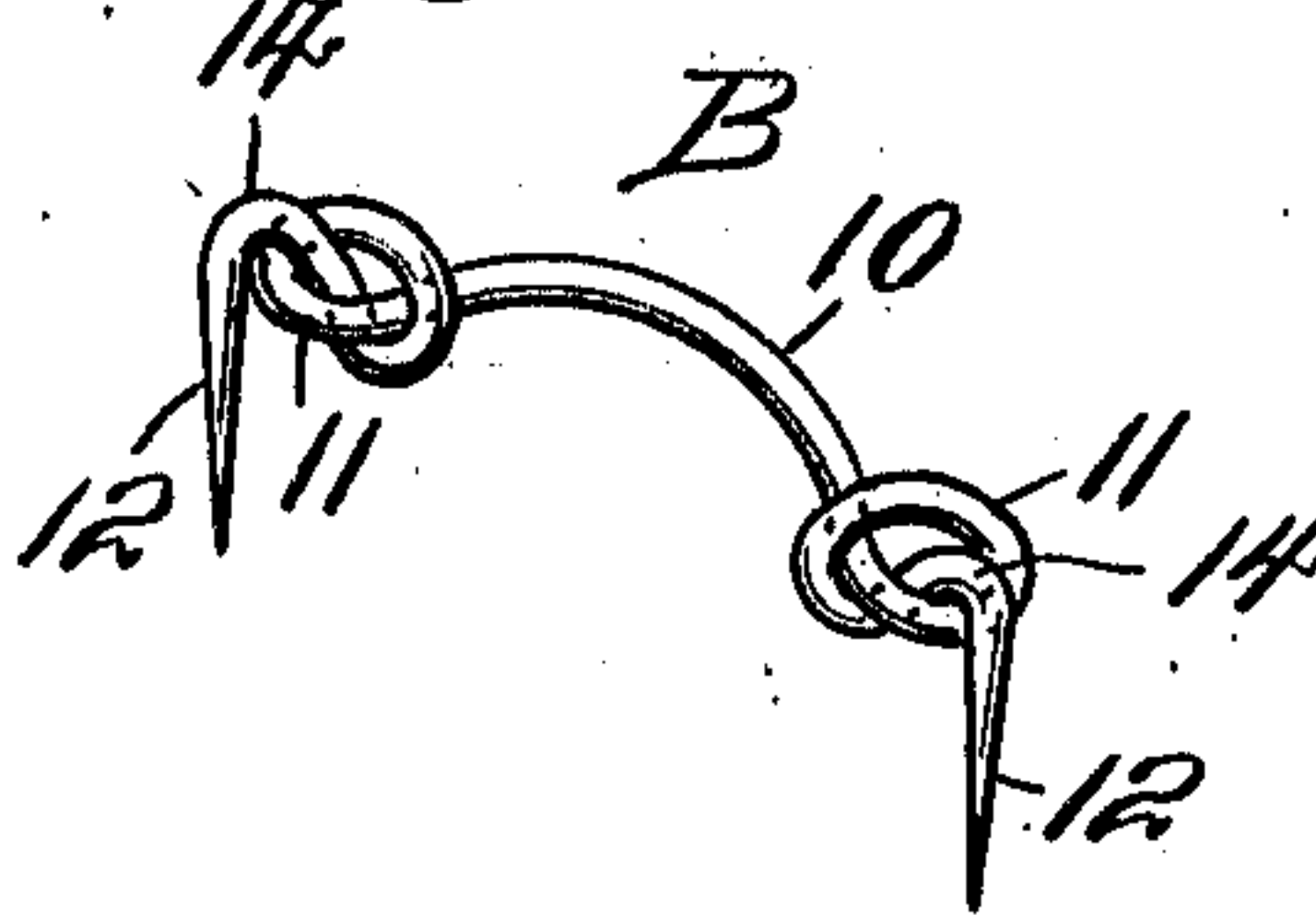


Fig. 3.

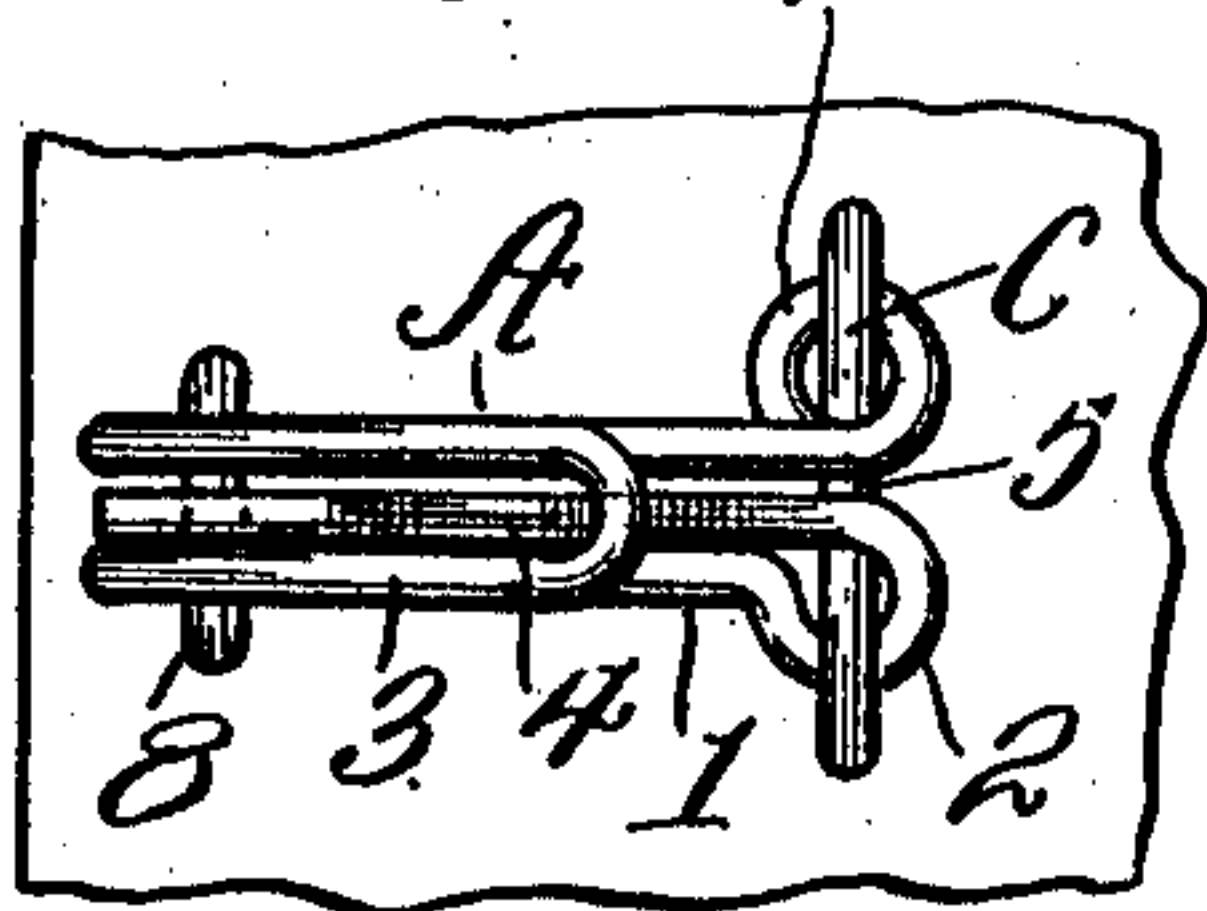


Fig. 4.

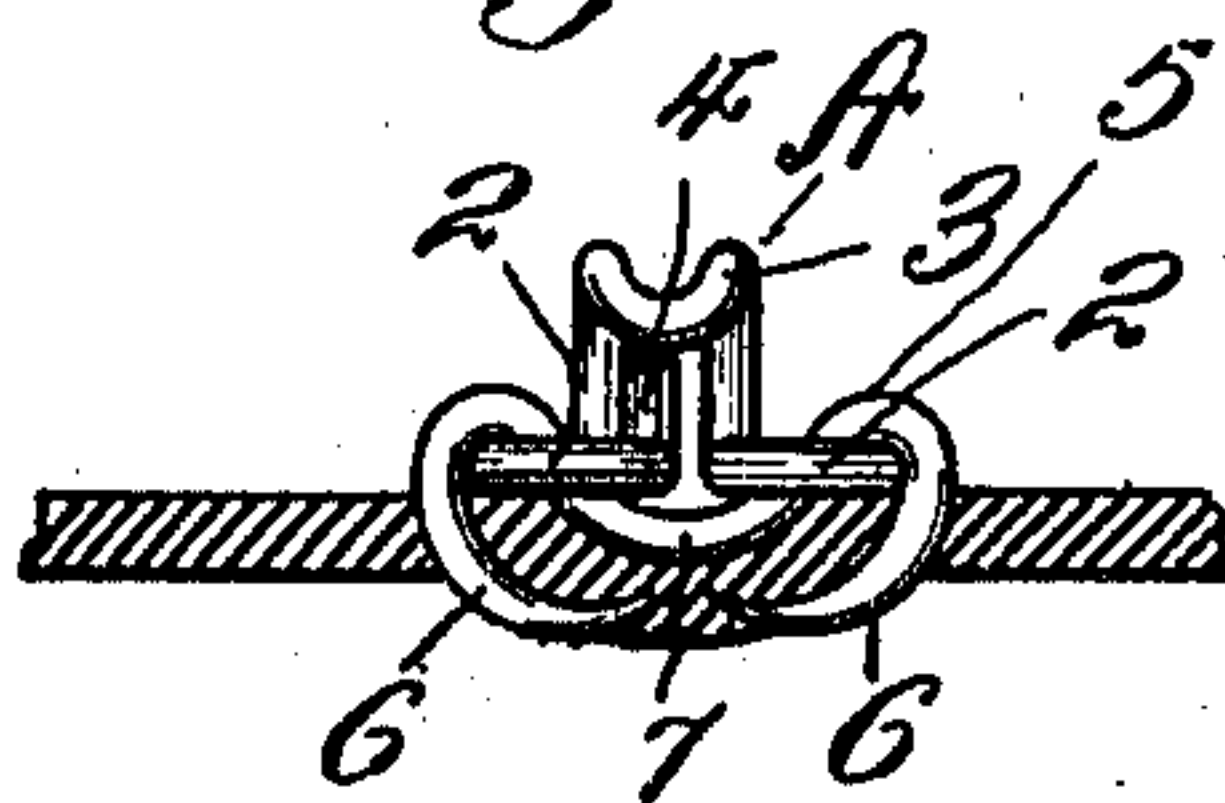


Fig. 5.

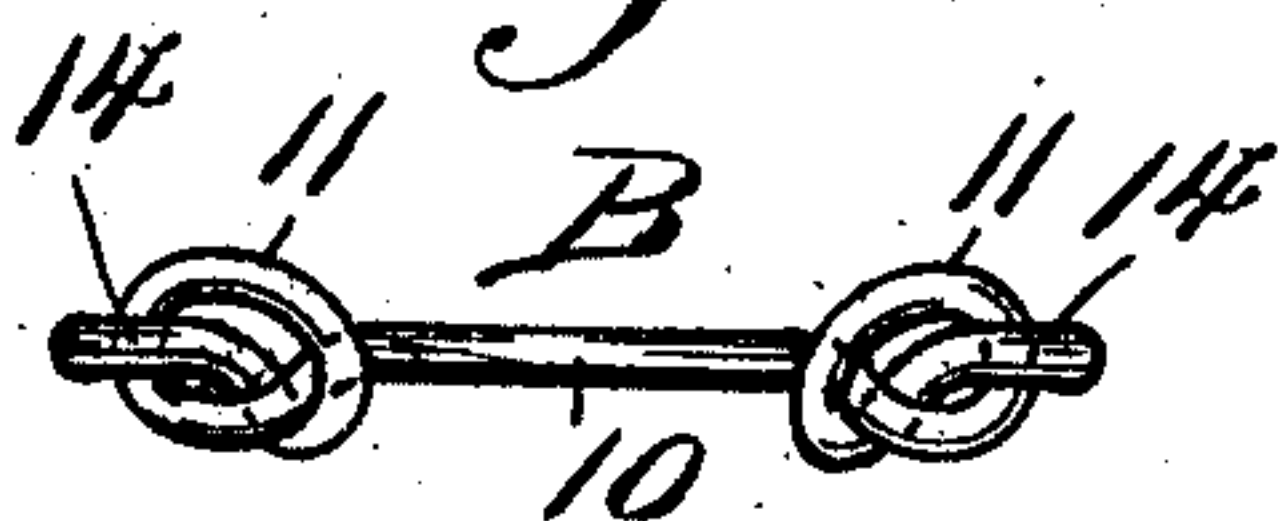


Fig. 6.

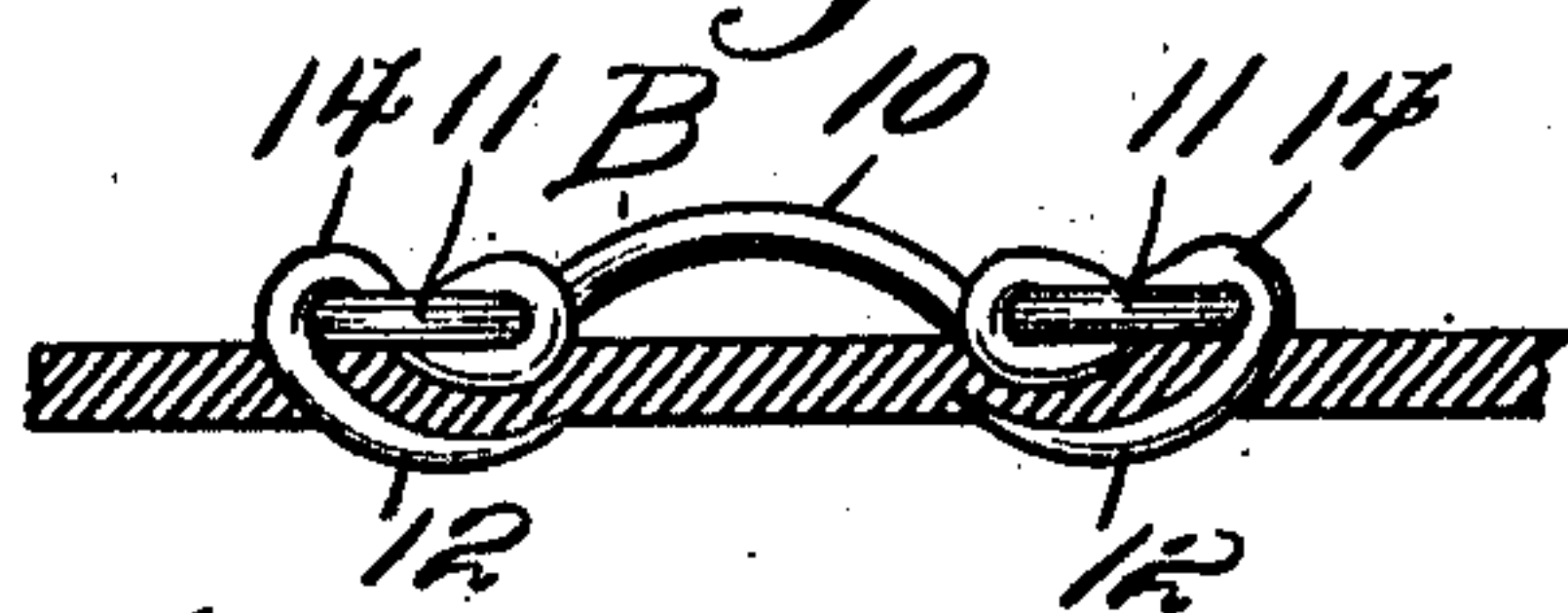


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

EMMA JULIA SELDEN, OF SPARTANBURG, SOUTH CAROLINA.

HOOK AND EYE.

988,827.

Specification of Letters Patent.

Patented Apr. 4, 1911.

Application filed May 11, 1910. Serial No. 560,658.

To all whom it may concern:

Be it known that I, EMMA J. SELDEN, a citizen of the United States, residing at Spartanburg, in the county of Spartanburg and State of South Carolina, have invented new and useful Improvements in Hooks and Eyes, of which the following is a specification.

This invention relates to fastenings of the hook and eye type and it has to do more particularly with means for attaching the hook and eye to a garment without sewing.

The invention has for one of its objects to improve and simplify the construction of devices of this character so as to be comparatively simple and inexpensive to manufacture, reliable and efficient in use and so designed that the hooks and eyes can be quickly attached by using a suitable tool.

Another object of the invention is the provision of a novel form of eye having integral prongs which penetrate the fabric and are bent backwardly at the under side of the latter to securely attach the eye.

Another object of the invention is the employment of novel staple attaching devices for the hook.

With these objects in view, and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention:—Figure 1 is a perspective view of a hook showing the attaching devices applied thereto and ready for application to a garment. Fig. 2 is a perspective view of the eye ready to be applied to a garment. Fig. 3 is a plan view of the hook shown attached. Fig. 4 is an end view of the hook attached. Fig. 5 is a plan view of the eye. Fig. 6 is a side view of the eye shown attached to a garment. Fig. 7 is a side view of one of the attaching staples for the hook.

Similar reference characters are employed to designate corresponding parts throughout the several views.

Referring to the drawing, A designates a hook of any approved type consisting of a shank or body 1 having the usual thread eyes 2 at one end and bill 3 at the opposite end, there being a spring tongue 4 for coöp-

erating with the bill for holding the eye B connected with the hook. Instead of attaching the hook to the garment by sewing, a staple-like attaching device C is employed, the same consisting of a single piece of wire bent into a cross bar 5 and terminal prongs 6, the center of the bar being bowed downwardly at 7. The staple has its bar portion extending through the eyes 2 of the hook with the prongs 6 disposed outside the eyes. The bowed portion 7 of the bar extends under the inner portion of the eyes so that when the prongs have penetrated the fabric, they can be bent inwardly under the bowed portion 7 of the cross bar 5, as clearly shown in Fig. 4 to thereby firmly hold the hook attached to a garment. The portion of the hook adjacent the bill is also fastened to the garment by means of a staple 8 that has its cross bar extending across the shank or body 1 and under the tongue 4 of the hook with its prongs 9 extending downwardly from the sides of the body or shank so that they can penetrate the fabric and then be bent inwardly toward each other and under the shank or body of the hook, the bending of the prongs being formed by a suitable tool.

The eye B is made of a single piece of wire that has its central portion bent into an arched bar 10 at the ends of which loops or eyes 11 are formed, the said loops being in fact, open knots disposed inwardly from the ends of the wires from which the eye is constructed, and these knots form bearing bases at the ends of the cross bar so that the knot will have substantial engagement with the fabric. The ends of the wire are bent downwardly from the knots or loops and are shaped into prongs 12 which penetrate the fabric and are bent inwardly under the loops 11 and extend approximately diametrically to such loops. The portion 14 of the wire passing through each loop extends approximately diametrically of the latter and the prongs are bent to lie substantially in the same plane with the portions 14. When the eye is attached to the garment, the bar portion 10 is raised from the fabric so that the bill of the hook can be readily engaged therewith.

From the foregoing description taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent

to those skilled in the art to which the invention relates; and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made when desired as are within the scope of the claims.

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

1. A hook comprising a shank, a bill connected with one end of the shank, attaching eyes connected with the shank and both disposed horizontally, a spring tongue extending longitudinally under the bill, and attaching staples extending transversely to the shank and each consisting of a curved cross bar and terminal prongs, one staple being
15 fastened in the attaching eyes by the cross bar passing therethrough and the other staple being attached to the shank at the bill

end thereof and retained in place by the spring tongue engaging the cross bar thereof.

2. The combination of a hook constructed of a single piece of wire and formed into a bill, shank members, eyes formed at the ends of the shank members opposite from the bill, and a spring tongue extending from one of the eyes to the root of the bill and between the shank members, with attaching staples secured in place, respectively, one by passing through the attaching eyes and under the shank members and the other by passing under the tongue and over the shank members, said staples being disposed in parallel relation and at opposite ends of the hook. 25 30 35

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

EMMA JULIA SELDEN.

Witnesses:

I. J. SIMPSON,
E. F. SIMPSON.

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