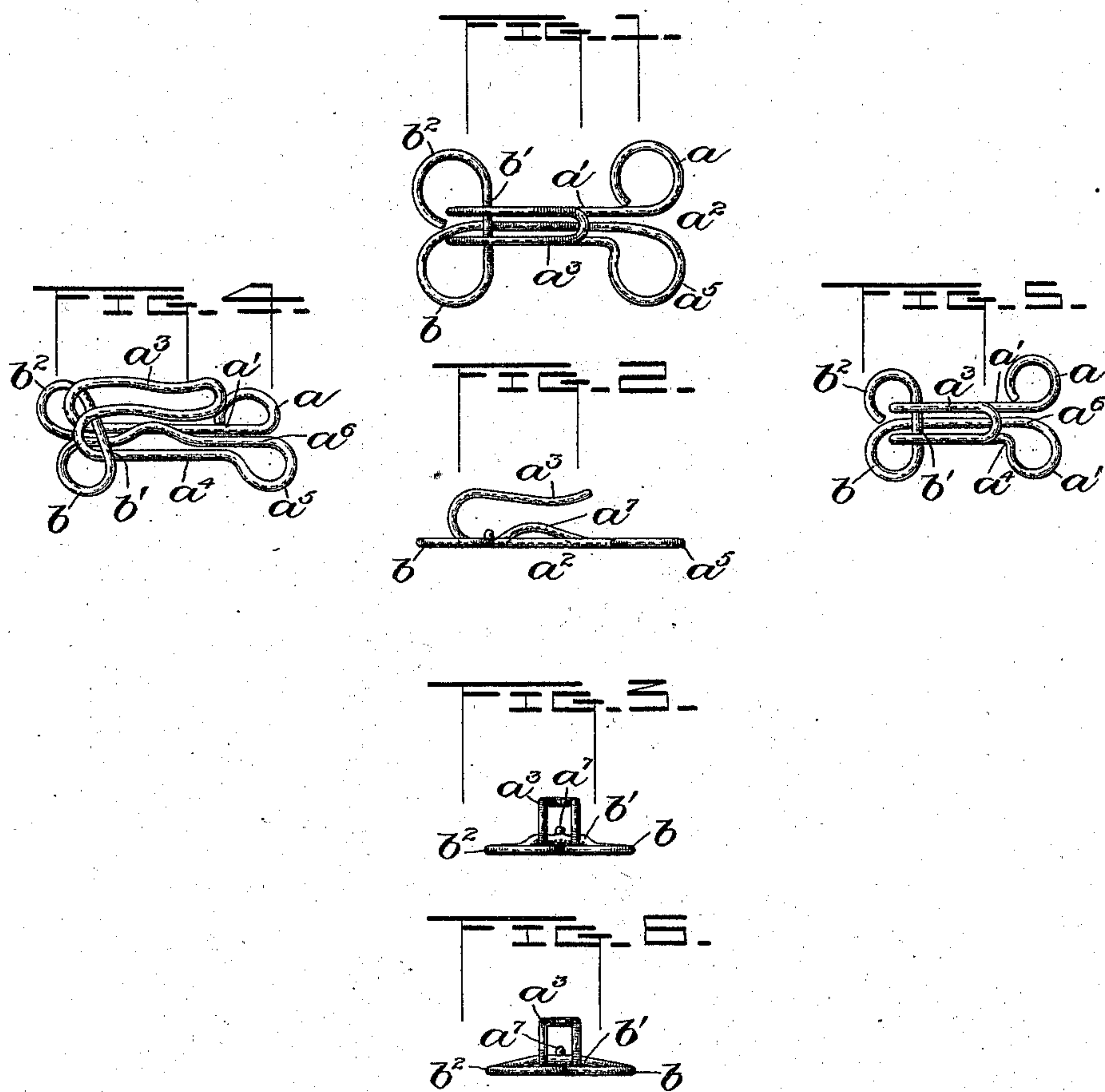


(No Model.)

K. F. MALYON.
HOOK.

No. 562,314.

Patented June 16, 1896.



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UNITED STATES PATENT OFFICE.

KITTIE F. MALYON, OF CHICAGO, ILLINOIS.

HOOK.

SPECIFICATION forming part of Letters Patent No. 562,314, dated June 16, 1896.

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To all whom it may concern:

Be it known that I, KITTIE F. MALYON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hooks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to hooks, but more particularly to the hooks employed for fastening garments and other articles together.

Heretofore it has been proposed to provide four eyes for the purpose of securing the opposite ends of a hook to a suitable article; but, as far as I am aware, no provision has been made to prevent the hooked portion thereof from bending or being lifted or sprung from the article, as the eyes were so formed that the strain exerted upon said hooked portion would lift or raise the same above the eyes located adjacent thereto, unless the hook be of such heavy material that it would be difficult to make the same, or they would be cumbersome when made.

The primary object of my invention is to overcome these objectionable features by providing means whereby the hook may be readily and securely fastened to the garment or other article, so as to effectually prevent gaping. At the same time the hook may be strengthened or stayed to prevent the possibility of the hooked portion being bent, or the hook and body portions being lifted or sprung from the article by the strain exerted on said hook portion or otherwise.

A further object is to provide a hook which may be made of one piece of light wire, and which will prevent an eye when engaging the same from becoming unfastened without a special effort being made to release said eye.

The invention will first be described in connection with the drawings, and then pointed out in the claims at the end of the description.

Referring to the accompanying drawings, forming a part of this specification, Figure 1 is an enlarged plan view of the hook embodying my invention. Fig. 2 is a side elevation. Fig. 3 is an end view looking from the rear of the curved or hooked portion of the hook. Fig. 4 is an enlarged perspective view of the

hook, illustrating the parts more compact and more nearly resembling the article as manufactured; and Figs. 5 and 6 are plan and end views, respectively, of a slightly-modified form of hook.

In the drawings, I have illustrated a preferred way of bending the wire so as to form the body portion, and the curved or hooked portion at one end thereof, and the eyes at the other end; but these may be of the usual or of any preferred form, and may be made by bending a continuous piece of wire so as to form an eye a , and then passing the wire rearwardly, so as to form one side a' of the body portion a^2 , then curving the wire upwardly and extending the same forward to form one side of the curved or hooked portion a^3 , and then curving the same abruptly and passing the wire rearwardly again to complete the other side of said hooked portion. The wire is then bent or curved downwardly and extends forward, at a^4 , substantially parallel to the portion a' of the body a^2 , and is then bent so as to form the eye a^5 , the wire then extending rearwardly again, at a^6 , between the portions a' and a^4 of the body portion, and is bent upwardly, so as to form a hump or raised portion a^7 beneath the hooked portion a^3 , so that an eye may be retained and prevented from becoming unfastened without forcing said eye between the hooked portion and said hump or raised portion.

To provide an additional securing means for the hook to prevent gaping where the two members of the article are secured together, and to materially strengthen the hook at the curved or hooked portion thereof, in order to prevent said curved portion from being bent or lifted from the material to which it is secured, I preferably pass the wire to the rear and around the hooked portion a^3 and bend the same so as to form the eye b , and then pass the wire, at b' , over the body portion of the hook, and preferably at or near the point where said hooked portion joins the body portion so that said body portion may be rigidly held to the material, and the hooked portion prevented from being bent or sprung from its proper position, yet permitting the hooked portion and the hump to yield sufficiently to permit an eye to be readily engaged or disengaged from the hook. The wire af-

ter passing over the body portion is bent so as to form the eye b^2 , and both before and after passing said body portion may be slightly abruptly depressed adjacent to the body portion so as to make the lower surfaces of the eyes substantially flush with the lower surface of the hook. I thus provide by this construction a hook which may be made of one continuous piece of light wire and which will not only prevent gaping of the article, but will also prevent the possibility of the hook being bent from its proper position with respect to the body portion of said hook.

Instead of the portion b' being abruptly depressed adjacent to the body portion, I may merely pass the wire over said body portion and curve the same so as to form the eyes without such depression, as shown in Figs. 5 and 6; and, instead of forming two eyes at either or both ends of the hook, a single eye may be formed at either or both ends without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. As an article of manufacture, a hook consisting of a continuous piece of wire, bent so as to form a body portion with securing means at one end thereof and a curved or hooked portion at its opposite end; the wire being bent and passed transversely over the body portion and then bent to form an eye adjacent to said hooked portion, whereby the body portion of the hook may be secured to the article at both ends thereof, and the hooked portion prevented from bending or separating from the article, substantially as described.

2. As an article of manufacture, a hook con-

sisting of a continuous piece of wire, bent so as to form a body portion with securing means at one end thereof and a curved or hooked portion at its opposite end, together with eyes arranged on opposite sides of and adjacent to said hooked portion; the wire being bent so as to form one of said eyes and then passed transversely over the body portion and then bent to form the other eye, whereby the body portion of the hook may be secured to the article at both ends thereof and the hooked portion prevented from bending or separating from the article, substantially as described.

3. As an article of manufacture, a hook consisting of a continuous piece of wire, bent so as to form a body portion with a hooked portion at one end thereof and eyes at its opposite end; the wire after forming the second eye being provided with a raised portion or hump arranged beneath the hooked portion, then passed to the rear of said hooked portion and bent to form an eye on one side thereof and then passed transversely over the body portion at or near the point where the hooked portion joins said body portion and then bent to form a second eye on the opposite side of said hooked portion, whereby the body portion of the hook may be secured to the article at both ends thereof, and the hooked portion prevented from bending or separating from the article, substantially as described.

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

KITTIE F. MALYON.

Witnesses:

JNO. S. COOK,
H. A. COOK.