

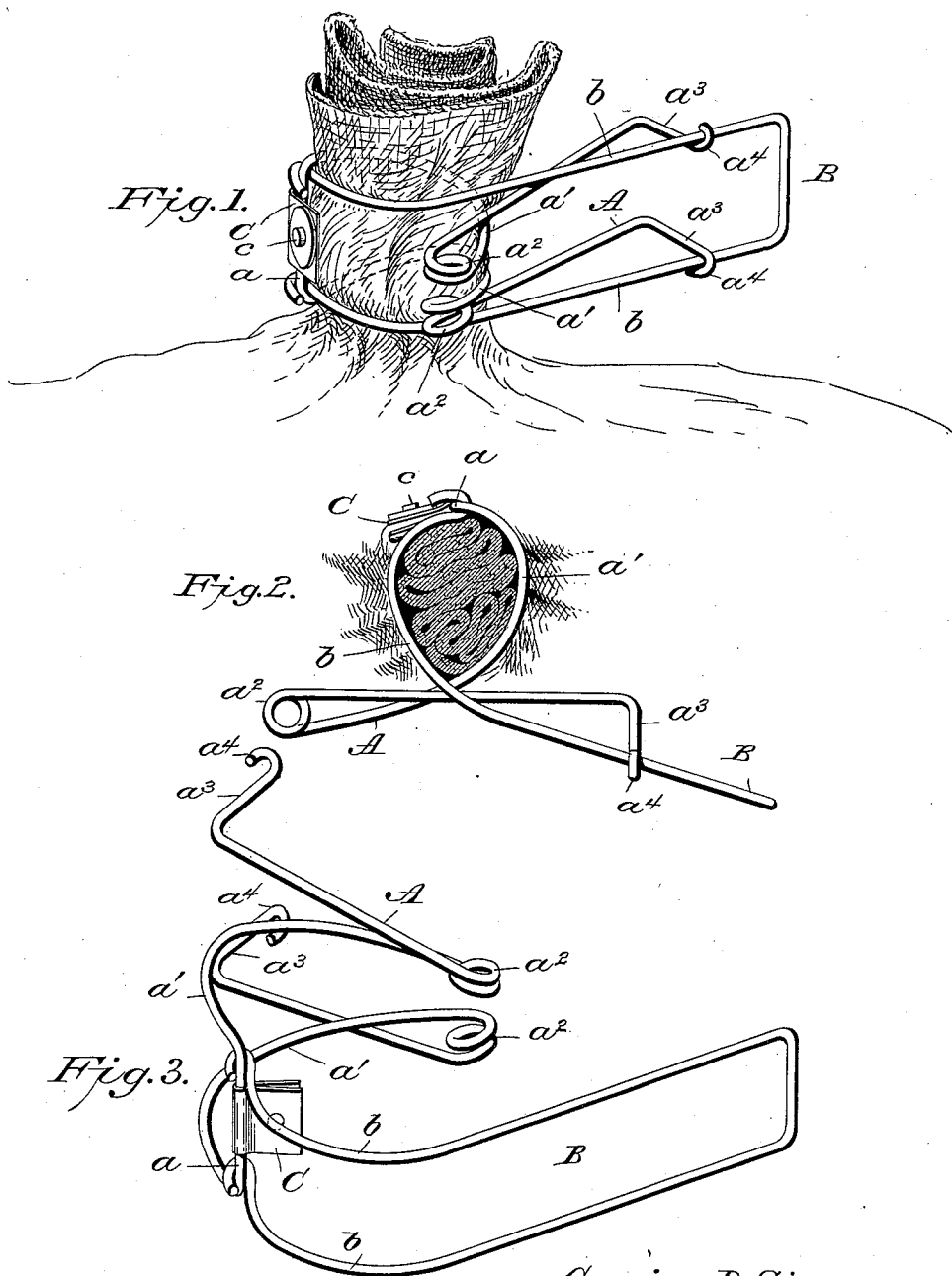
No. 613,826.

Patented Nov. 8, 1898.

C. D. SIMMONS.
BAG FASTENER.

(Application filed Dec. 7, 1897.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

CASSIUS D. SIMMONS, OF BERLIN, NEW YORK.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 613,826, dated November 8, 1898.

Application filed December 7, 1897. Serial No. 661,044. (No model.)

To all whom it may concern:

Be it known that I, CASSIUS D. SIMMONS, a citizen of the United States of America, residing at Berlin, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Bag-Fasteners; 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.

My invention is an improvement in bag-fasteners; and the object of my said invention is to provide a device of this character which will effectually close the gathered end or mouth of a bag, being held in locked engagement therewith by spring-pressure of one part against the other, the peculiar construction of the device making it possible to readily and conveniently effect both an engagement with the bag and disengagement therefrom, it being intended that the device form a permanent fixture in connection with the bag.

The invention contemplates a peculiar construction of the bag-fastener by which it is made up of two pieces of spring-wire hinged together and bent in a particular manner, presenting, practically, two members which firmly embrace the gathered mouth of the bag and are placed in locked engagement with each other, being held in such engagement by the spring tendency of the wires forming said members.

The following specification gives a detail description of the manner of bending the wires in forming my improved bag-fastener, including the operation of placing the device in connection with the mouth of the bag, and what I consider to be new in the art and desire to protect by Letters Patent is specifically set forth in the appended claims.

In the accompanying drawings, which form a part of the specification, Figure 1 is a perspective view showing the application of my improved bag-fastener. Fig. 2 is a plan view of the bag-fastener, the mouth of the bag being cut away immediately above the device. Fig. 3 is a perspective view of the bag-fastener with the members or jaws thrown open.

Referring more particularly to said drawings, A designates one jaw or member of the device and B the other, said jaws being each

made up or formed from a single piece of spring-wire of the proper gage to insure the required strength.

The wire of which the jaw A is formed is first bent upon itself centrally into a loop presenting the connecting portion *a* and side members *a'* *a'*, the latter being brought together and bent into coils *a*² *a*², from which the end portions of the wire are extended across the side members *a'* and further bent to present outwardly-projecting members *a*³, terminating in hooks *a*⁴. The wire forming the other jaw is simply bent into a loop the ends of the side members *b* *b* of which are bent into engagement with the connecting portion *a* of the jaw or member A, said loop or jaw B being curved adjoining its hinged connection with the jaw A to embrace one side of the mouth of the bag, while the looped portion of the jaw A is also similarly curved to embrace the other side of the mouth.

In the operation of closing the end of a bag with my improved device the jaws A and B are placed around the same and the intermediate portion of the jaw A passed between the side members of the loop or jaw B, after which pressure is applied to the outer ends of the jaws, bringing the hooked arms of one into engagement with the side members of the other, forming an interlocking connection. It will thus be seen that the jaws or members of the device present clamping portions embracing the mouth of the bag and extensions or levers by which the parts are locked in such engagement, the pressure required to overcome the spring of the wire in interlocking the parts serving not only to firmly clamp the gathered end or mouth of the bag, but also to prevent accidental unlocking. It will also be noted that the operation of placing the device in engagement with the bag can be readily accomplished.

I anticipate having the fastener form a permanent fixture upon the bag, and to this end fold a small metal strap C around the connecting portion *a* of the member A and connect the free ends of said strap to the bag by means of a rivet *c*. This provides for the bag-fastener being always in position for use, and the connection being made at the hinge will not interfere with the manipulation of the jaws.

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

1. A bag-fastener, comprising two jaws each
5 made up of a single length of spring-wire, one
jaw presenting a loop the side members of
which are bent into coils at an intermediate
portion from which the ends project rear-
ward and terminate in hooks, while the other
10 jaw consists of a loop through which the
former jaw is passed in bringing the hooked
ends in engagement therewith, as shown and
for the purpose set forth.

2. A bag-fastener, comprising two jaws or
15 members each made up of a single length of
spring-wire, the wire forming one of the jaws

being bent into a loop the side members of
which are brought together and formed into
coils from which the end portions extend rear-
ward and terminate in hooks bent outward; 20
while the wire forming the other jaw is bent
into a loop the terminals of which are bent
into engagement with the connecting portion
of the former loop or jaw, as herein shown
and described.

In testimony whereof I affix my signature 25
in presence of two witnesses.

CASSIUS D. SIMMONS.

Witnesses:

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