

R. E. LAYMAN & J. A. BOUTHILLIER.

FASTENING DEVICE.

APPLICATION FILED APR. 20, 1908.

931.131.

Patented Aug. 17, 1909

Fig. 1.

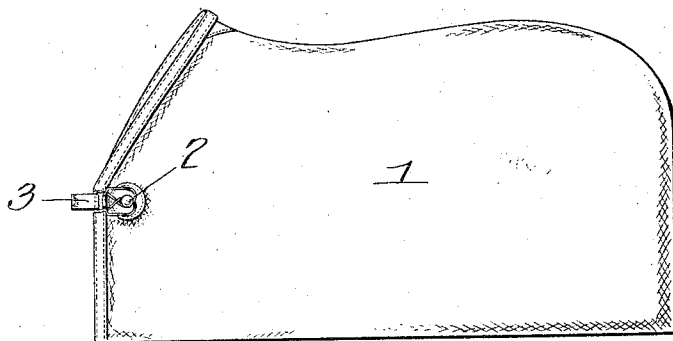


Fig. 3.

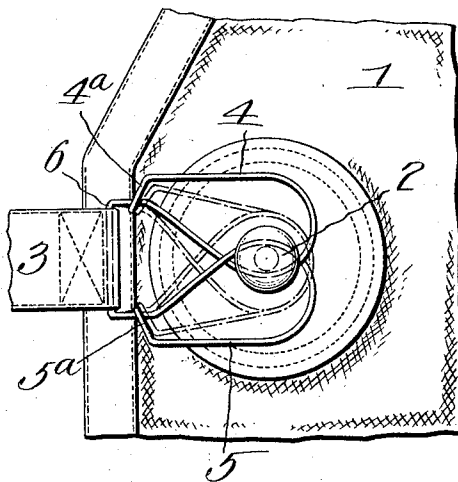
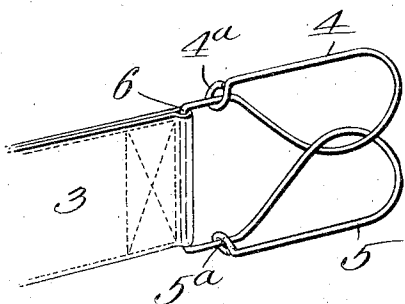


Fig. 2.



Witnesses

Oliver W. Holmes,
E. B. McEach,

Inventors

R. E. Layman and

J. A. Bouthillier

By

Orin Brock Attorney

UNITED STATES PATENT OFFICE.

ROY ELIHUE LAYMAN AND JOSEPH ALPHIDA BOUTHILLIER, OF HOWARD, RHODE ISLAND.

FASTENING DEVICE.

No. 931,181.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed April 20, 1903. Serial No. 428,112.

To all whom it may concern:

Be it known that we, ROY E. LAYMAN and JOSEPH A. BOUTHILLIER, citizens of the United States, residing at Howard, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in a Fastening Device, of which the following is a specification.

This invention relates to a spring fastening device adapted to engage a button of any suitable kind and designed especially for use as a fastener for horse blankets.

The invention consists of two elastic loops connected together but spaced apart at one end, said loops interlocking and having their free ends adapted to be brought into registry with each other, said loops being passed over a suitable button when their free end portions are pressed together so that the button head can pass through both loops at the same time.

In the accompanying drawings:—Figure 1 is a side elevation showing the practical application of the device to a blanket. Fig. 2 is a detail perspective view of the device. Fig. 3 is an enlarged side elevation showing the device in use.

In these drawings 1 represents a blanket to be fastened, 2 a button secured upon said blanket and 3 a portion of a strap which carries our fastening device.

This device consists of two spring metal loops 4 and 5 the opposite side members of which are normally parallel to each other, the said loops being pear-shaped and interlocking. An end of each loop is secured to the other loop by a common cross bar 6, to which the strap 3 is secured.

As shown in the drawings the device can readily be constructed from a single piece of wire, and in so constructing the fastener the wire is bent upon itself forming a U-shaped member having a bow portion and

two sides. The bow portion forms the connecting cross bar 6 and one of the side members is curved inwardly and then bent back upon itself to form the loop 4, the free end of the member being bent to form an eye 4^a which eye engages the side member of which said loop is formed adjacent the bow portion or cross piece 6. The other side member is passed through the loop 4 and then bent in the same way being secured to itself by bending its free end into an eye 5^a.

By forming the device in one piece it can be made more cheaply than by forming the loops separately then connecting them by a third piece, although the result in this construction and the results obtained would be substantially the same.

It will be obvious that when formed of spring wire the loops 4 and 5 will be elastic in that they will always tend to hold their outer side members parallel to each other, and when the free end portions of said loops are bent so that they overlap or register and are then passed over the head of the button they will when released spring back to their normal position, or as near to said position as the diameter of the button shank will permit.

Having thus fully described our invention, what we claim as new and desire to secure by Letters Patent is:—

A blanket fastening device comprising a strap, and a U-shaped wire frame having its bow portion engaged by said strap, the side members of said frame being bent back upon and secured to themselves, thereby forming loops, said loops interlocking.

ROY ELIHUE LAYMAN.

JOSEPH ALPHIDA BOUTHILLIER.

Witnesses:

WILLIAM G. BAGLEY,

JAMES D. WATSON.