

W. M. JONES & H. STEWART.
FASTENING FOR LOOPS AND THE LIKE.
APPLICATION FILED JUNE 2, 1909.

942,330.

Patented Dec. 7, 1909.

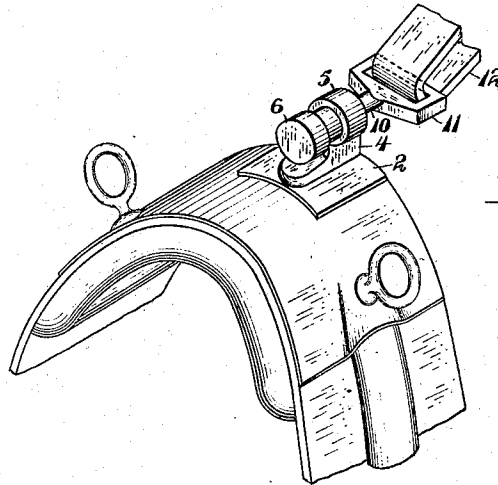


Fig. 1.

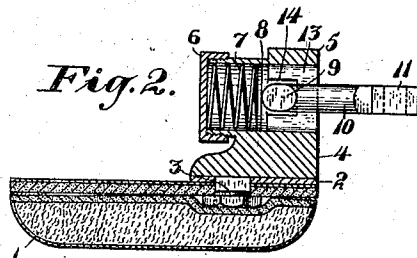


Fig. 2.

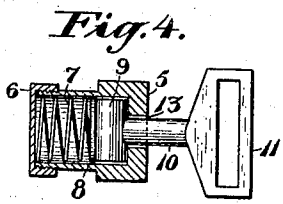


Fig. 4.

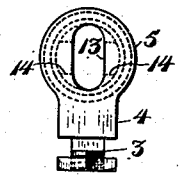


Fig. 3.

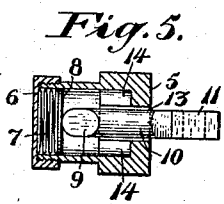


Fig. 5.

WITNESSES

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UNITED STATES PATENT OFFICE.

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FASTENING FOR LOOPS AND THE LIKE.

942,330.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, WILLIAM M. JONES and HARLAND STEWART, citizens of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Fastenings for Loops and the Like, of which the following is a specification.

The object of the present invention is to provide means for attaching a hook or loop to an object. In the present instance we show the device in use for attaching a check rein to a saddle, but it is to be understood that the invention is by no means limited thereto, but could be used for many other purposes.

In the accompanying drawing, Figure 1 is a perspective view of the upper portion of a saddle to which the device is attached; Fig. 2 is a vertical section, showing the same attached to the saddle; Fig. 3 is an end view of the device, the saddle being omitted; Fig. 4 is a longitudinal horizontal section of the same, showing the parts in place; Fig. 5 is a similar view showing the loop pushed in for the purpose of securing it in place.

Referring to the drawing, 1 indicates a saddle and 2 a metal plate resting thereon. Through said plate 2 is screwed a screw 3, depending from a base or block 4 formed integral with a cylindrical casing 5. Said casing is closed at the rear end by a cap 6 screwed, upon said rear end, and within said casing is a coiled spring 7, which presses against the follower disk 8, which, in turn, is adapted to press against the cross member 9 of a T-shaped stem 10 of a loop 11. Said loop may be connected to any device which it is desired to detachably secure, as, for instance, a check rein 12. The front end of the casing is formed with a vertical elongated hole or slot 13, just sufficiently long and wide to permit the cross member 9 of the stem of the loop to pass through when disposed vertically. Behind said vertical slot, the front end of the body of the casing is formed with recesses 14, one on each side of said slot, and extending crosswise to said slot, adapted to receive the ends of the cross member 9 of the stem when the latter has been turned through a right angle.

In use, the loop 11, to which a check rein or other device is secured, is first disposed so that its cross member 9 extends vertically, and it is then inserted in the vertical slot. In entering said slot, the cross member abuts against the follower 8, which is pressed forward by said spring 7, and a rearward pressure upon said loop forces said follower backward, compressing the spring, until the cross member 9 has arrived at a position behind the front wall of the casing. The loop is then turned through a right angle, and, when it is released, the ends of the cross member are pressed by said coiled spring into said recesses.

The loop is held very firmly and securely in the casing, when in its attached position; for, in order to release it, it is necessary not only to press back the follower until the ends of the cross head are opposite to the side recesses in the casing, but also, when in this position, to turn the loop through a right angle. This would never be done accidentally, and therefore the device furnishes a very secure means of attaching a loop or hook to a stationary device.

It is understood that the invention is not limited to the particular form of the loop here shown, as a hook, or, indeed, any other device to which can be attached a stem may, by means of this attachment, be securely connected to another object, although readily detachable when desired.

The advantages of this invention are simplicity of construction, compactness of form, and the facility with which the parts can be assembled. The body portion of the casing is made cylindrical, so that it can readily be formed with threads for securing the cap in position, and the cap, being removable, admits of readily assembling the parts.

We claim:—

In combination with a casing having a screw depending therefrom, a cap closing the rear wall of said casing, the front wall thereof being formed with a slot of uniform width in the plane of the screw, and the inner surface of said front wall being formed with recesses extending from said slot at right angles thereto, an attachment device having a T-shaped stem having a rounded cross head, the cross member thereof being adapted to

pass through said slot when in registry
therewith, and to rock in said recesses when
at right angles to said slot, a follower disk
slidable in and guided by the casing, and a
5 coiled spring between said follower and cap
arranged to press said cross member into
said recesses, substantially as described.

In testimony whereof we have hereunto

set our hands in the presence of two sub-
scribing witnesses.

WILLIAM M. JONES.
HARLAND STEWART.

Witnesses:

H. B. DENSON,
FRANCIS M. WRIGHT.