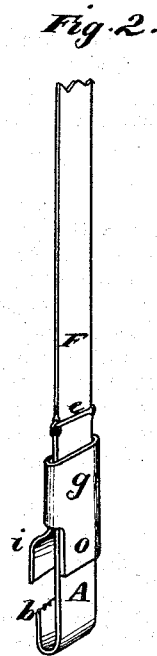
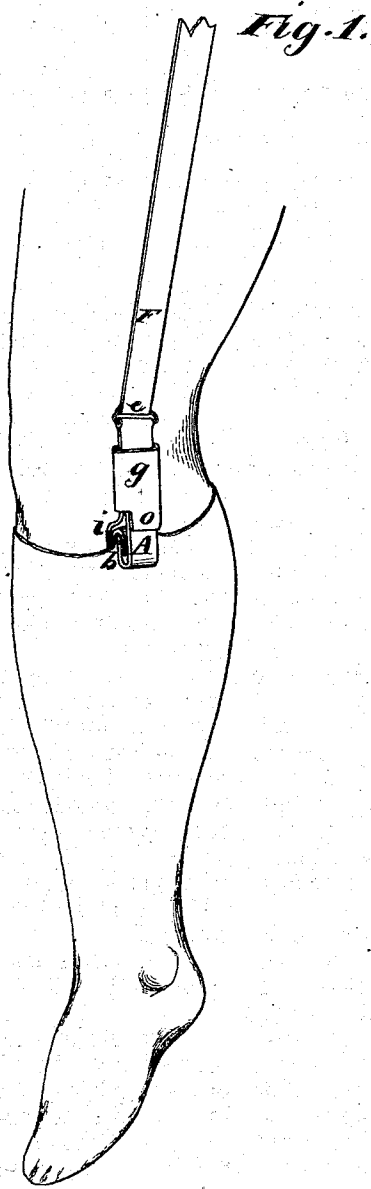


E. J. FRASER.
Suspension-Buckles.

No. 158,367.

Patented Jan. 5, 1875.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN J. FRASER, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN SUSPENSION-BUCKLES.

Specification forming part of Letters Patent No. **158,367**, dated January 5, 1875; application filed November 4, 1874.

To all whom it may concern :

Be it known that I, EDWIN J. FRASER, of San Francisco city and county, State of California, have invented an Improved Suspension-Buckle; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to that class of buckles which is used for gripping the edge of an article, for the purpose of suspending it or holding it in any desired position.

These buckles are usually secured to one end of a strap or band, and the strap is so adjusted that the strain will come at right angles to the edge of the fabric or other article to which the buckle is attached.

In order to describe my invention so that others will understand its construction and operation, reference is had to the accompanying drawing, forming part of this specification.

A represents a narrow strip of plate metal, or other suitable material, having one end bent, so as to form a hook, *b*. The other end has a ring or other wire loop, *c*, secured to it, to which one end of an elastic or other strap or band, *F*, can be attached. A small buckle can be formed upon or secured to this end of the plate *A*, so that the band or strap can be adjusted in length, as required. Around the shank or body of the metal plate *A* I secure a flat sliding band, *g*, which can be moved up and down along the shank. To the lower edge of this band I secure a bent lip, *i*, opposite the hook *b* on the plate *A*, so that the lip will pass over the edge of the hook when the band *g* is moved down against it. The opposite side of the band has an extension, *o*, which projects

down along the plate *A* as far as the lip *i* projects upon the hook side. This extension is not positively necessary, but only serves as a brace to hold the lip *i* in place when an outward strain comes upon it.

The edge of the hook *b* can be provided with shallow teeth, if desired, but usually they will not be necessary, as the clamping action of the lip *i* on the hook will serve every purpose.

This device is chiefly useful for fastening stocking-suspenders to the edge of the stocking; but it can be used as a suspension and attachment buckle or fastening for various purposes.

The wide edge of the hook *b* will hold the fabric or article to be fastened without mutilating or injuring it.

The edge of the article or fabric is caught over the hook, so that a portion of its edge will pass inside of the hook. The band *g* is then pushed down, so as to force the lip *i* over the edge of the hook, and thus bind the edge of the cloth between the hook and lip, from which it cannot escape without being properly released.

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

A suspension-buckle or clamp-fastening, consisting of the plate *A*, with its upwardly-projecting hook *b* and ring or buckle *c*, in combination with the sliding band *g*, with its downwardly-projecting lip *i*, substantially as and for the purpose described.

In witness whereof I hereunto set my hand and seal.

EDWIN J. FRASER. [L. S.]

Witnesses:

J. L. BOONE,

C. M. RICHARDSON.