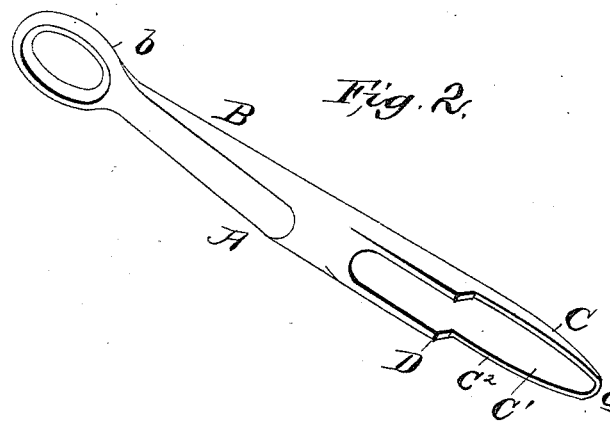
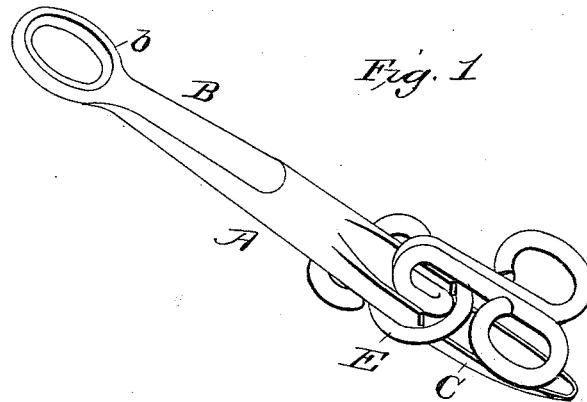


(No Model.)

A. S. DOUGLAS.
BUTTONER.

No. 457,475.

Patented Aug. 11, 1891.



Witnesses
A. H. Cornwall
Charles F. Mallard.

Inventor
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Attorneys

UNITED STATES PATENT OFFICE.

ALANSON S. DOUGLAS, OF WASHINGTON, DISTRICT OF COLUMBIA.

BUTTONER.

SPECIFICATION forming part of Letters Patent No. 457,475, dated August 11, 1891.

Application filed December 6, 1890. Serial No. 373,782. (No model.)

To all whom it may concern:

Be it known that I, ALANSON S. DOUGLAS, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in a Combined Hook-and-Eye Fastener and Glove-Buttoner, of which the following is a specification.

My invention relates to an improvement in a combined hook-and-eye fastener and glove-buttoner; and it consists in the construction and arrangement of the same, hereinafter described, and definitely pointed out in the claims.

The object of my invention is to produce a simple, cheap, and convenient device of the kind above described. I attain this object by the construction illustrated in the accompanying drawings, wherein like letters of reference indicate corresponding parts in the several views, and in which—

Figure 1 represents, in perspective, my device in a position for forcing the eye over the hook. Fig. 2 is a perspective view of the fastener.

In the drawings, A represents the body of the fastener, having a handle B, on one end of which is formed an eye *b*, through which a button is passed when the device is to be used as a button-fastener for gloves. The opposite end C of the body A is cut away on one side and tapered to a point *c*, and has a concavity or groove *c'* formed therein, extending from the point to or near the center of the body. The side walls *c''* of the groove are inclined at their outer ends, which inclination terminates midway the length of the groove, and at which point right-angled shoulders D are formed. The size of the grooved point is such as to admit of its being inserted in an eye up as far as the shoulders.

In operation, the grooved end of the fastener is inserted through the eye E, the shoulders D resting against the sides of the eye. The fastener is then forced forward, carrying the eye with it, until the end *c* is below and beyond the point of the hook. The eye is then forced in behind the point of the hook, which falls through the eye into the groove in the fastener. The fastener is then withdrawn and the hook passes through the eye and is fastened. This operation may be accomplished with but little trouble, and renders the hooking of eyes comparatively easy.

I am aware that many minor changes in the construction and arrangement of the parts of the device can be made and substituted for those herein shown and described without in the least departing from the nature and principle of my invention.

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

1. As an improved article of manufacture, a hook-and-eye fastener consisting of a body having its under face at one end grooved, forming the side walls, which are cut away to form shoulders and the groove inclined rearwardly, substantially as described.

2. As an improved article of manufacture, a hook-and-eye fastener consisting of a body having its upper face at one end grooved, the side walls of which are cut away to form shoulders D, and a button-fastener formed on its opposite end, substantially as described.

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

ALANSON S. DOUGLAS.

Witnesses:

CHAS. F. MALLARD,
WM. W. PALMER.