

S. H. DOUGHTY.
Buckles.

No. 138,487.

Patented May 6, 1873.

Fig. 1.

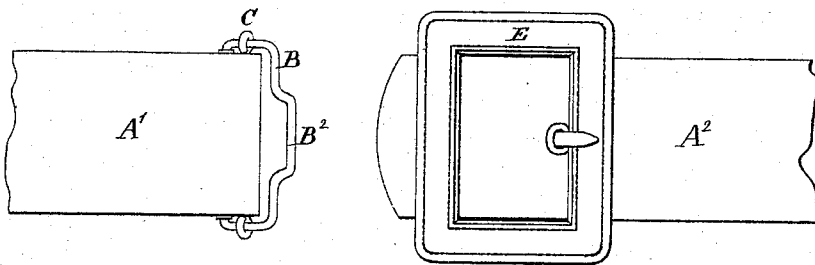


Fig. 2.

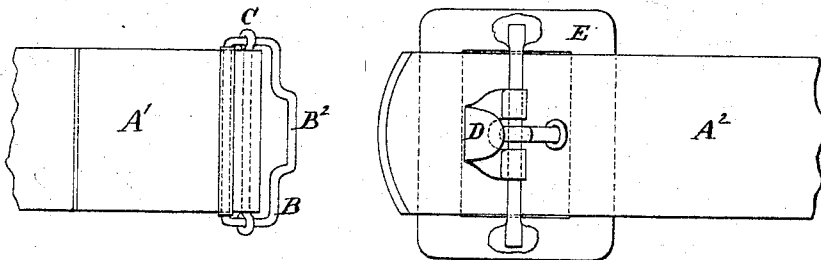


Fig. 3.



Fig. 4.

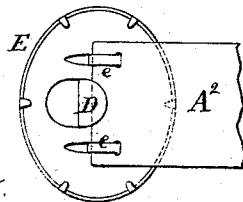


Fig. 5.



Witnesses:

Arnold Hermann

Wm. C. Dey.

Inventor,

S. H. Doughty

by his attornys
J. L. Heston

UNITED STATES PATENT OFFICE.

SAMUEL H. DOUGHTY, OF NYACK, NEW YORK.

IMPROVEMENT IN BUCKLES.

Specification forming part of Letters Patent No. **138,487**, dated May 6, 1873; application filed March 22, 1873.

To all whom it may concern:

Be it known that I, SAMUEL H. DOUGHTY, of Nyack, Rockland county, State of New York, have invented certain Improvements relating to Buckles or Adjustable Fastenings, of which the following is a specification:

The improvement is intended more especially for waist-fastenings and belt-fastenings for ladies' dresses, and is based on the invention patented June 12, 1866, by I. N. Plotts; and consists in the combination of a hook and eye therewith. It allows of the convenient and delicate adjustment due to Plotts' contrivance with the facility for instant and convenient fastening and unfastening due to the hook and eye.

I mount in a rectangular frame a movable cross-bar extending longitudinally thereof, and capable of sliding laterally from one side to the other. One end of the belt or waistband is introduced from one side, passed round this central sliding bar, and returned again on the same side of the frame from which it entered. This draws the bar forcibly to one side, and constitutes a species of jam-buckle, which is capable of as delicate adjustment of length as may be desired without any perforation of the material. The other side of the frame, instead of being sewn to the opposite end of the belt as in Plotts', engages and disengages therewith by means of a simple hook and eye.

The following is a description of what I consider the best means of carrying out the invention.

The accompanying drawing forms a part of this specification.

Figure 1 is a front view; Fig. 2, a back view; and Fig. 3, a horizontal section.

In all the figures the ends of the belt are shown a little separated. It will be easy to see how they will stand when joined together by engaging the hook.

Similar letters of reference indicate like parts in all the figures.

A¹ A² are the two ends of the belt, which

may be of leather or other suitable flexible material. B is the buckle-frame, and C the movable cross-bar, which serves relatively to one end, A¹, of the belt and the adjacent side of the frame B in the same manner as in the said Plotts' fastening. To the other end, A², of the belt is fastened a hook, D, adapted to engage with an eye formed on the adjacent side or edge of the frame B. E is an ornamental frame attached to the hook D, and which contributes to the tasty appearance of the belt.

Instead of attaching a hook to the end A² of the belt, and allowing it to engage in an eye, B², on the frame, the hook and eye may be reversed in their positions, and the eye carried on the end A² of the belt, while the hook is formed on or attached to the buckle-frame at the point B².

With the Plotts' buckle, as heretofore used, the labor of introducing the end A¹ of the belt each time the belt is put on is very serious. This difficulty my invention completely overcomes.

In applying my invention with solid-faced ornaments on the hooks, I can use the form of hook shown in Figs. 4 and 5, where Fig. 4 is a view of the back face, and Fig. 5 is a section. The end A² of the belt is engaged with the hook by means of the bent spurs *e e*, which are clenched firmly through holes in the belt, as shown.

I claim as my invention—

The within-described fastening having a hook and eye, D B², in combination with the frame B and sliding bar C, serving relatively to each other and to a belt, A¹ A², as and for the purposes herein specified.

In testimony whereof I have hereunto set my hand this 20th day of March, 1872, in the presence of two subscribing witnesses.

SAMUEL H. DOUGHTY.

Witnesses:

WM. C. DEY,
THOMAS D. STETSON.