

(No Model.)

H. HIGGIN.

STRAP FASTENING LOOP FOR CARRIAGE CURTAINS.

No. 298,969.

Patented May 20, 1884.

Fig. 1.

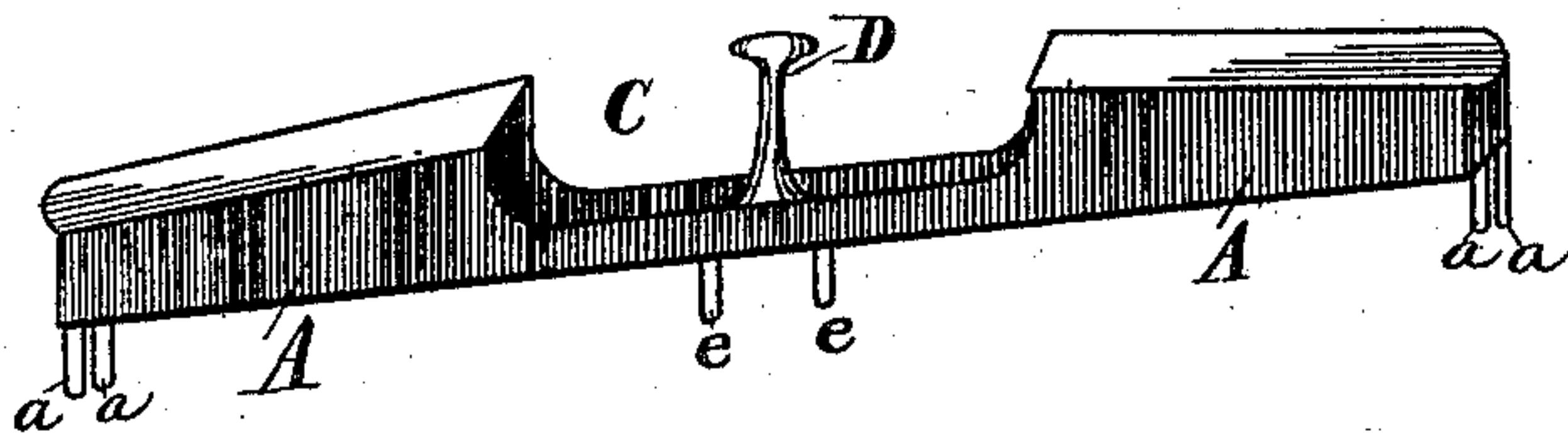


Fig. 2.

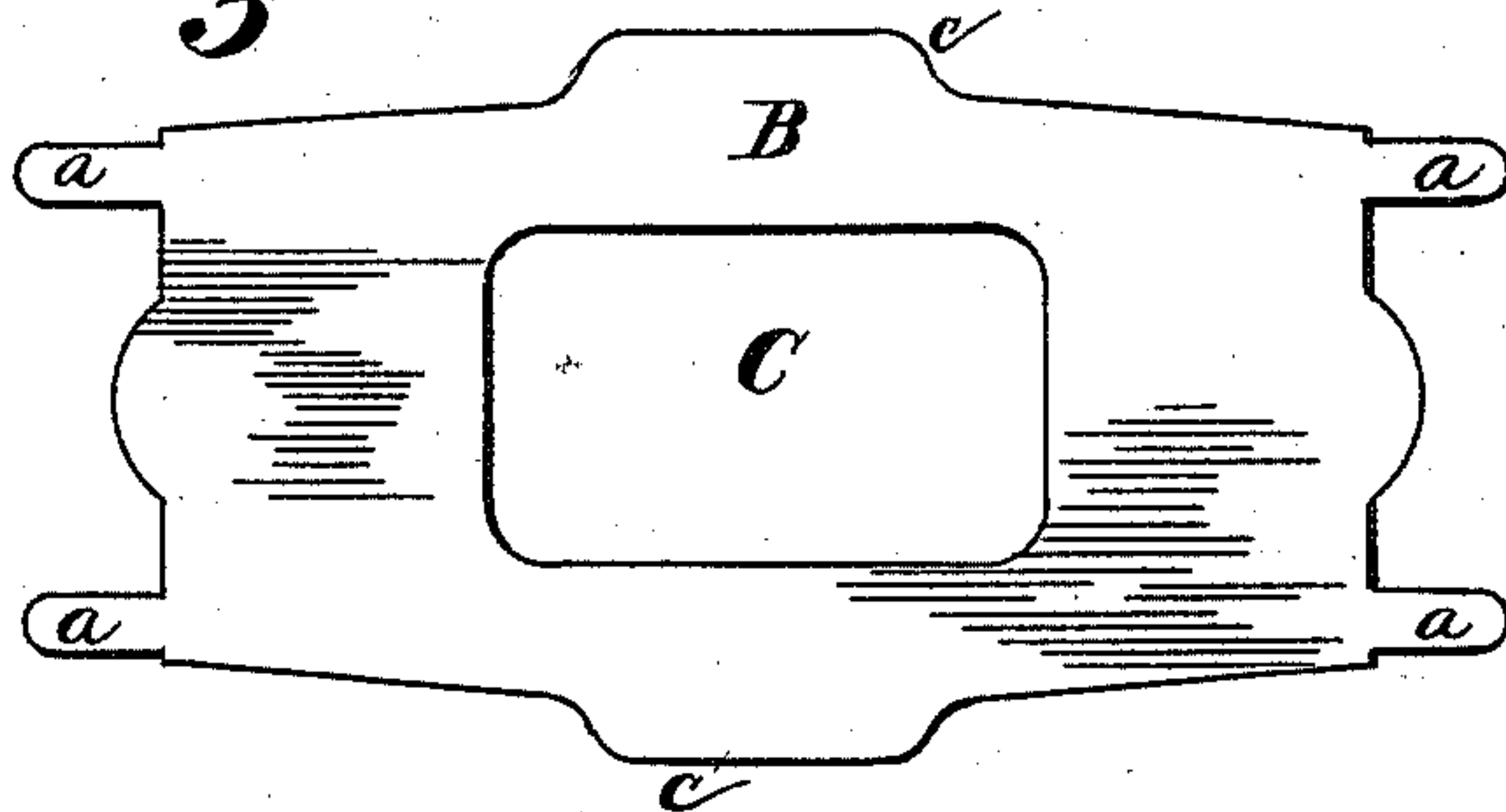


Fig. 3.

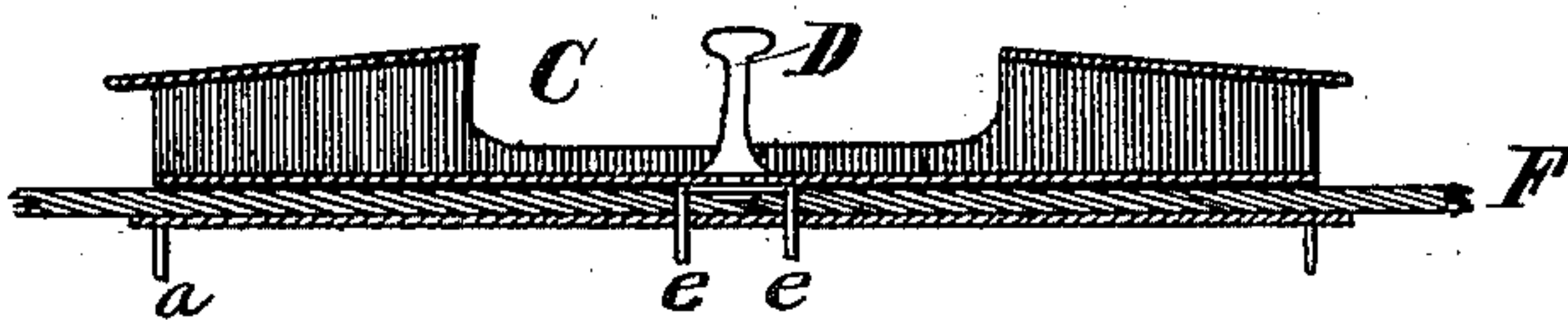


Fig. 4.

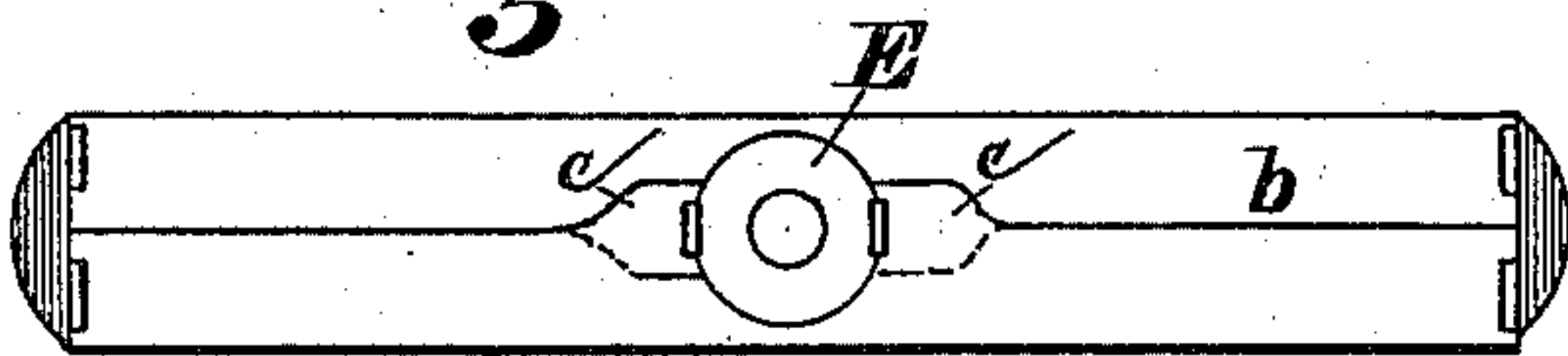


Fig. 5.

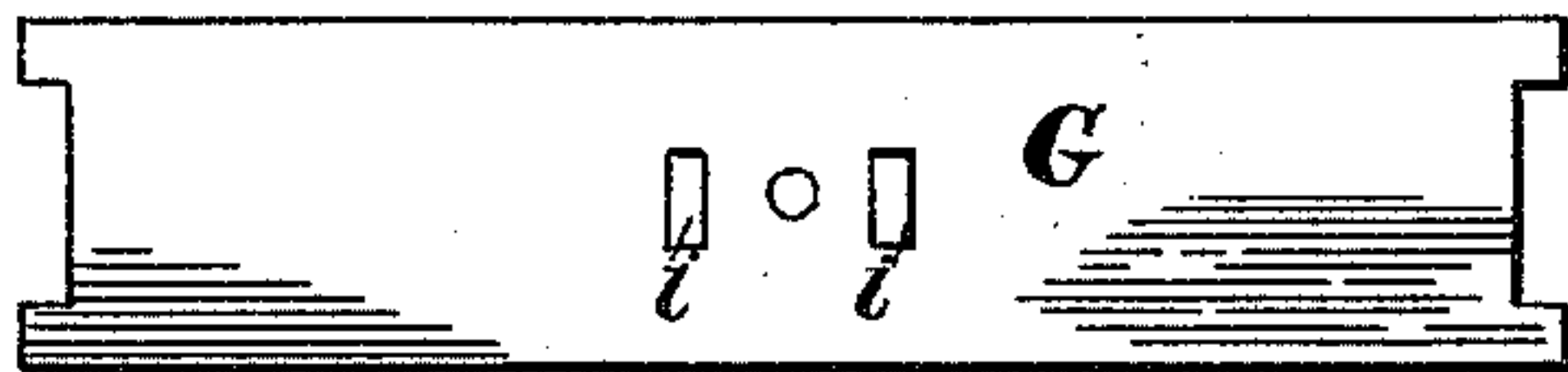
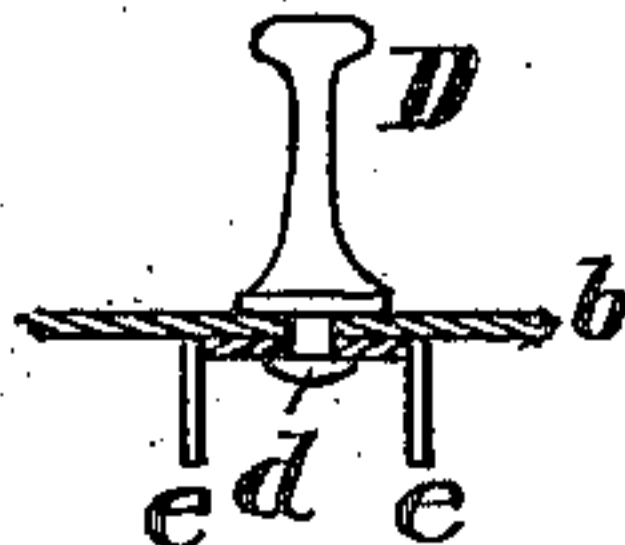


Fig. 6.



Attest

Joe H. Sims

A. Glushowsky

Inventor

Henry Higgin

by Wood & Boyd

his Attorneys &c

UNITED STATES PATENT OFFICE.

HENRY HIGGIN, OF NEWPORT, KENTUCKY.

STRAP-FASTENING LOOP FOR CARRIAGE-CURTAINS.

SPECIFICATION forming part of Letters Patent No. 298,969, dated May 20, 1884.

Application filed April 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY HIGGIN, a citizen of the United States, and a resident of Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Strap-Fastening Loops for Carriage-Curtains, of which the following is a specification.

My invention relates to carriage-curtain fastening-loops.

The object of my invention is to provide a cheap, strong, durable loop, having a strap-fastening stud in the center and dispensing with buckles.

Another object of my invention is to provide a cheap mode of uniting the edges of the metal forming the loop by a riveting-burr attached to the fastening-stud.

Other objects of my invention will be understood by the following specification explaining the drawings.

Figure 1 is a perspective view of my improved fastening-loop. Fig. 2 is a plan view of a blank cut from the metal, from which the loop is struck up. Fig. 3 is a central longitudinal section of my improved loop attached to a carriage-top. Fig. 4 is a bottom plan view of Fig. 1. Fig. 5 is a plan view of the fastening-strip. Fig. 6 is an elevation of the fastening-stud and clips.

A A represent a double loop, which is formed of a piece of blank metal, B, as shown in Fig. 2.

a a represent tangs or projections, which are formed of the metal blank, as shown in Fig. 2, and bent in, striking up the blank to project downward, as shown in Fig. 1.

b represents the bottom of the loop. The edges of the metal blank meet near the center to form the joint. They may be made in different ways.

C represents a recess or opening in the center of the loop.

D represents a fastening-stud. It is preferably attached to the loop by a shank, d, which passes through the bottom b of the loop, and through a burr, E.

e e represent tangs formed on the burr.

The parts are secured by riveting the shank d to the burr or washer E, and clamping the metal B between the shoulder of stud D and the burr E. Another modification in the mode of securing the stud D would be to provide a

screw upon the shank d, which would be projected downward, so as to be screwed into a base. In order to avoid soldering and to hold the parts together, projecting lips or flanges c are formed on the metal blank, which overlap each other, as shown in Fig. 4, the shank d passing through two thicknesses, which, with the washer E, strengthens the loop and makes a secure anchoring for the stud D.

F represents a leather base, to which the loop A is secured, preferably by a fastening-strip, G, which is slotted at its ends to receive the tangs a.

i represents slots pierced in the strip G, through which the tangs e project, so as to be bent down upon the bottom of strip G, to more firmly anchor the stud D.

The fastening-loop A A is designed to form a fastening for securing two straps, like the curtain-straps of a carriage-top, one of which passes through the right-hand loop and engages over the head of stud D, the other passing into the opposite loop from the opposite end and engaging over the same stud and resting upon the opposite strap. The recess C affords a convenient means for inserting and removing the straps. The head of stud D is elongated for the purpose of preventing the straps from becoming unloosed.

I do not wish to limit myself to the peculiar shape of the blank B, nor to the peculiar mode of fastening it to the curtain by means of the strip G, as the principal features of my invention may be employed with the use of various other fastening devices.

Loop A A may be covered with leather or other finishing material. Its mode of construction, however, enables it to be used without covering, and various forms of ornamental figures or designs may be struck up from the blank B to give it a finished appearance. When no covering material is used, it is japanned in the ordinary manner.

It will be obvious that where only one strap is to be fastened, one of the loops A may be omitted and still retain a feature of my invention.

I claim—

1. A strap-fastening loop provided with a central recess, C, and projecting stud D, adapted to be secured to the base F, substantially as specified.

2. A strap-fastening loop provided with a central opening, C, formed of the blank B, struck up to form a joint in the bottom *b*, substantially as specified.
- 5 3. A strap loop, A, having a central opening, C, struck up from the blank B, provided with overlapping lips *c*, in combination with the stud D, substantially as specified.
- 10 4. A strap-fastening loop, A, having a central opening, C, struck up from blank B, provided with overlapping lips *c*, in combination with the stud D and washer E, substantially as specified.
- 15 5. The strap-fastening loop A A, having central opening, C, stud D, washer E, and tangs *a*, in

combination with fastening-strip G, for securing the loop to its base, substantially as specified.

6. A strap-fastening-loop having a central recess or opening, C, fastening-stud D, and washer E, and fastening-tangs *e*, for securing the loop to the base F, in combination with fastening-strip G, substantially as specified.

In testimony whereof I have hereunto set my hand.

HENRY HIGGIN.

Witnesses:

A. GLUCHOWSKY,
E. E. MOORE.