

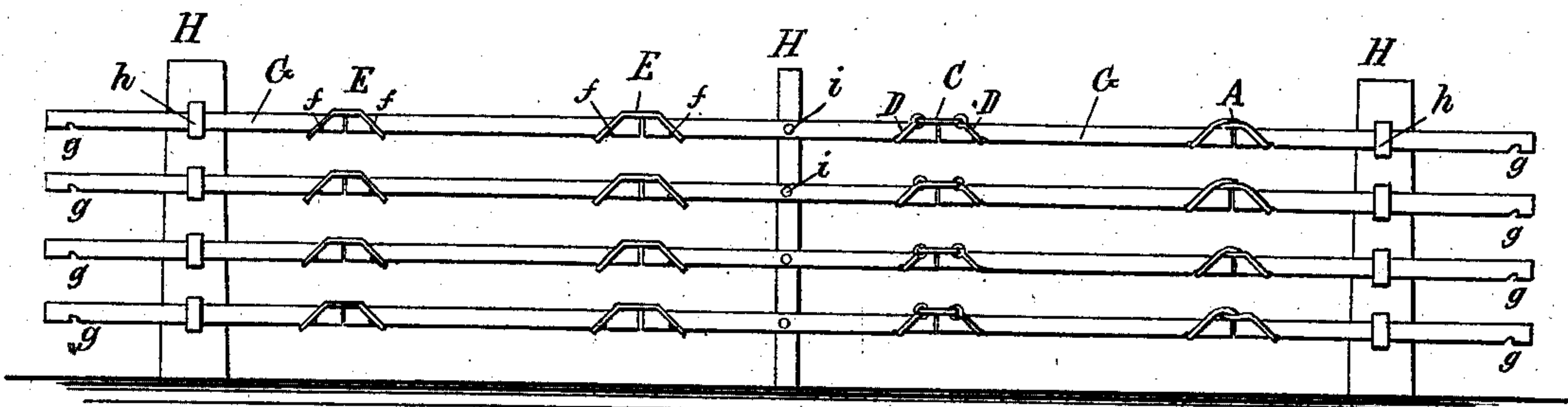
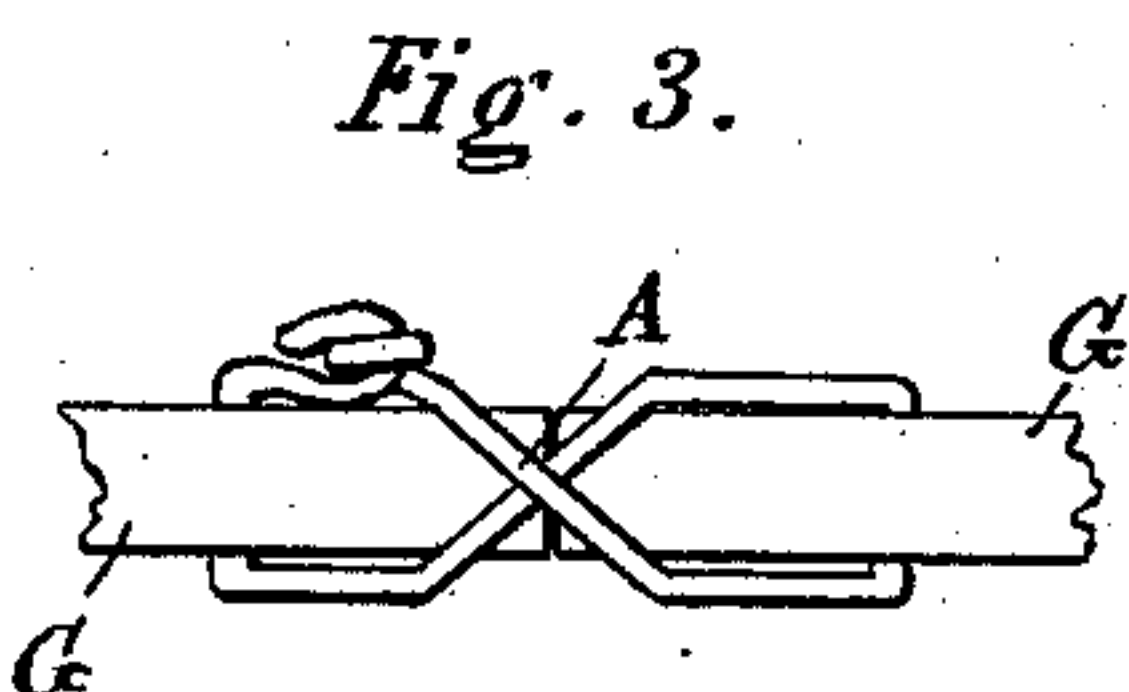
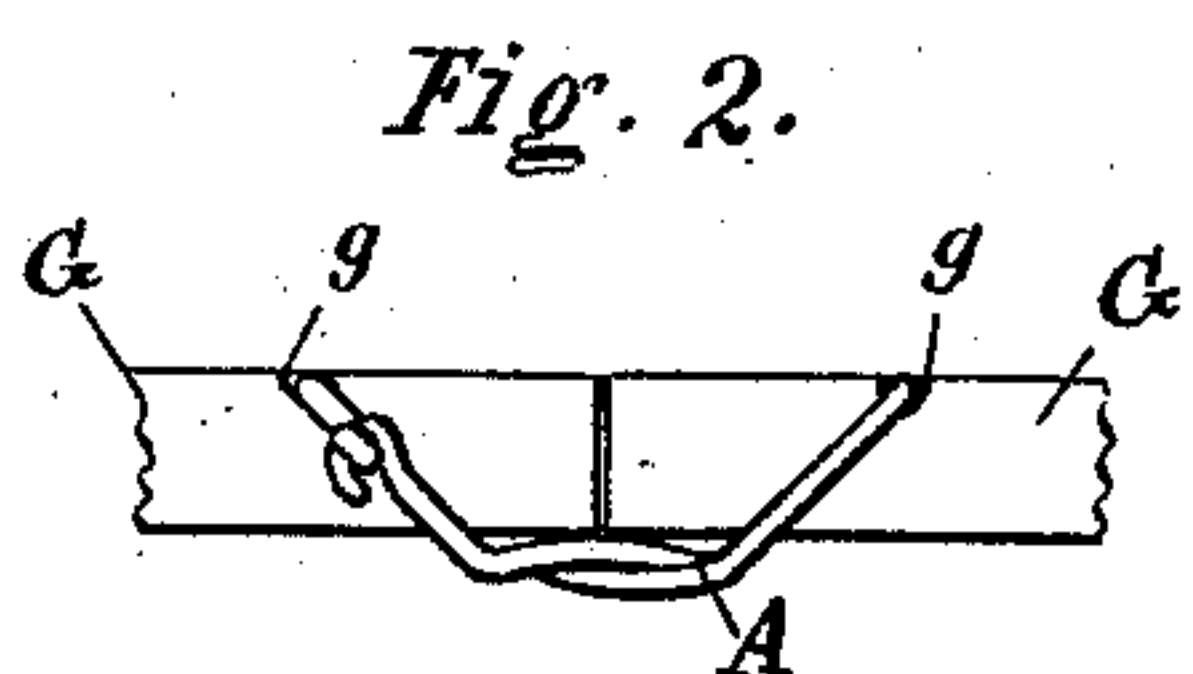
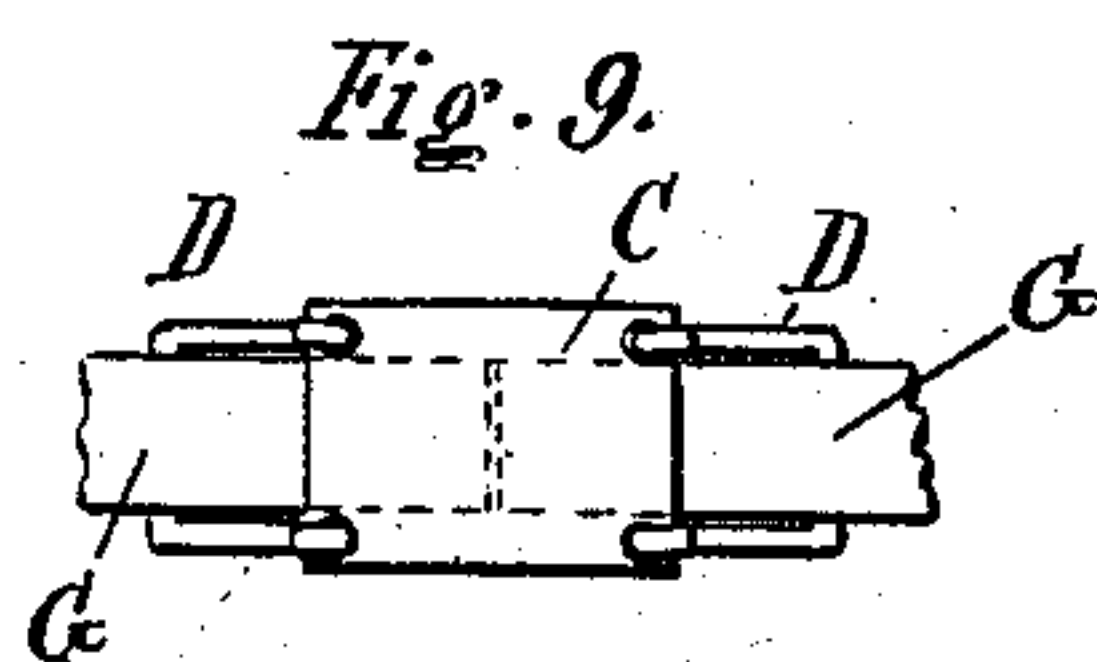
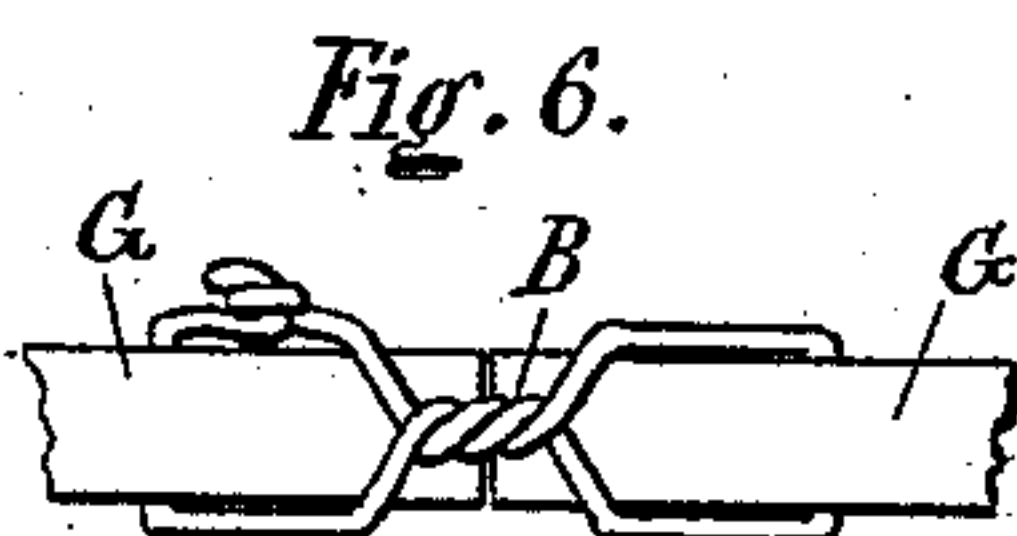
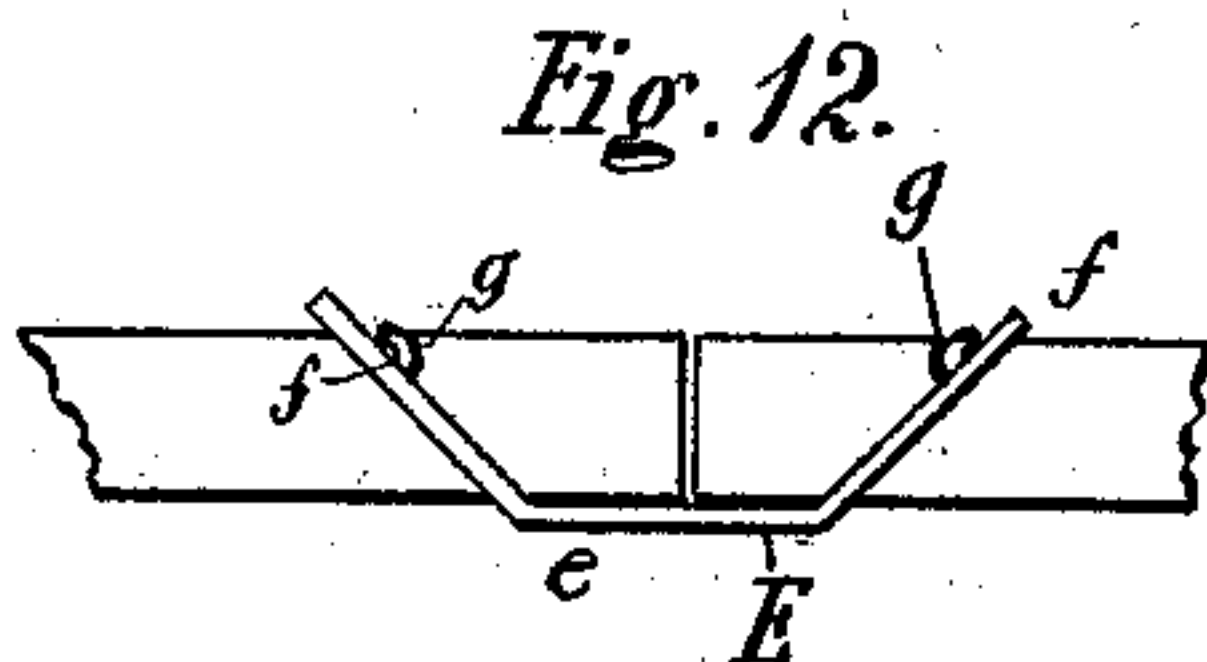
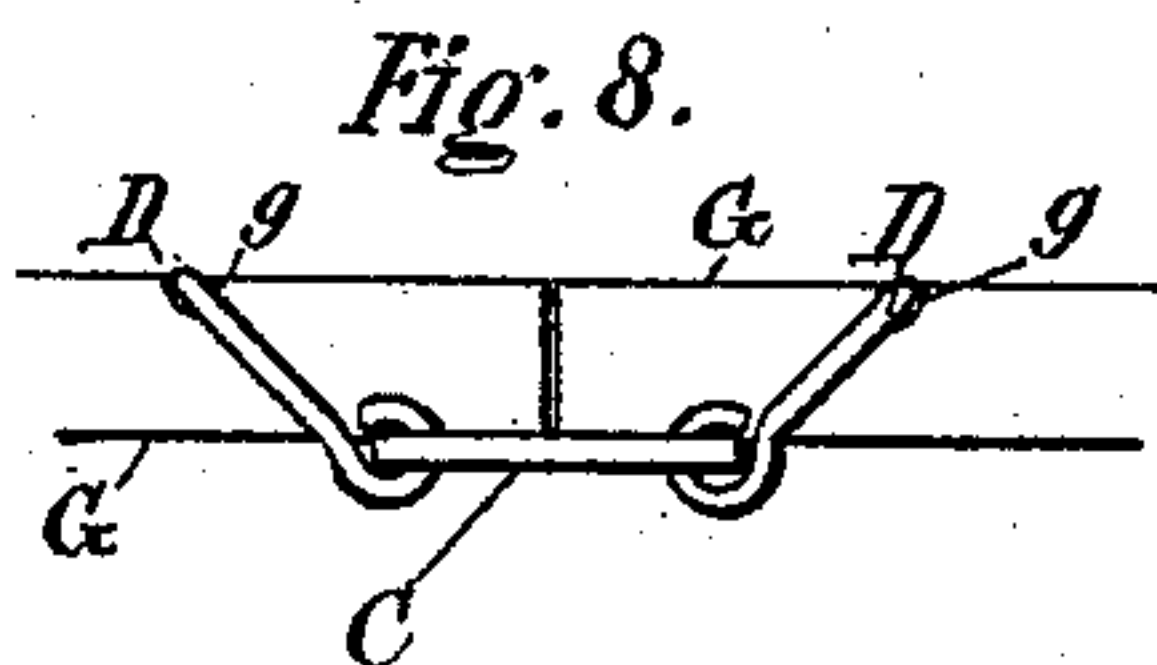
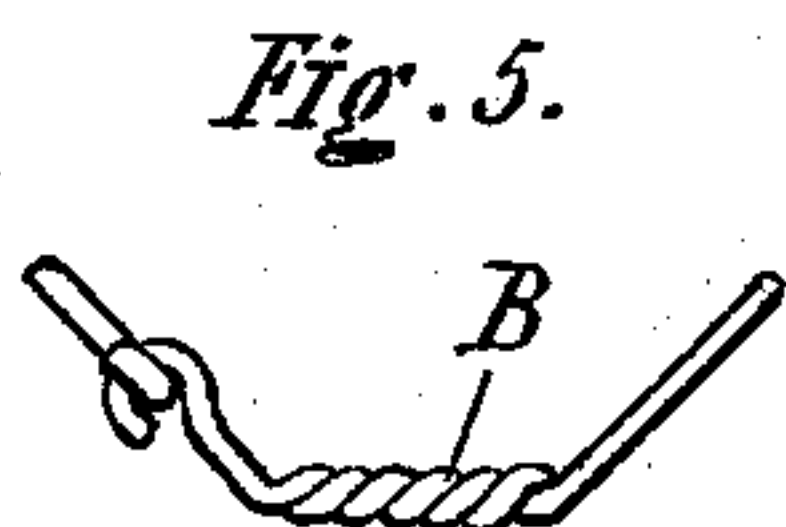
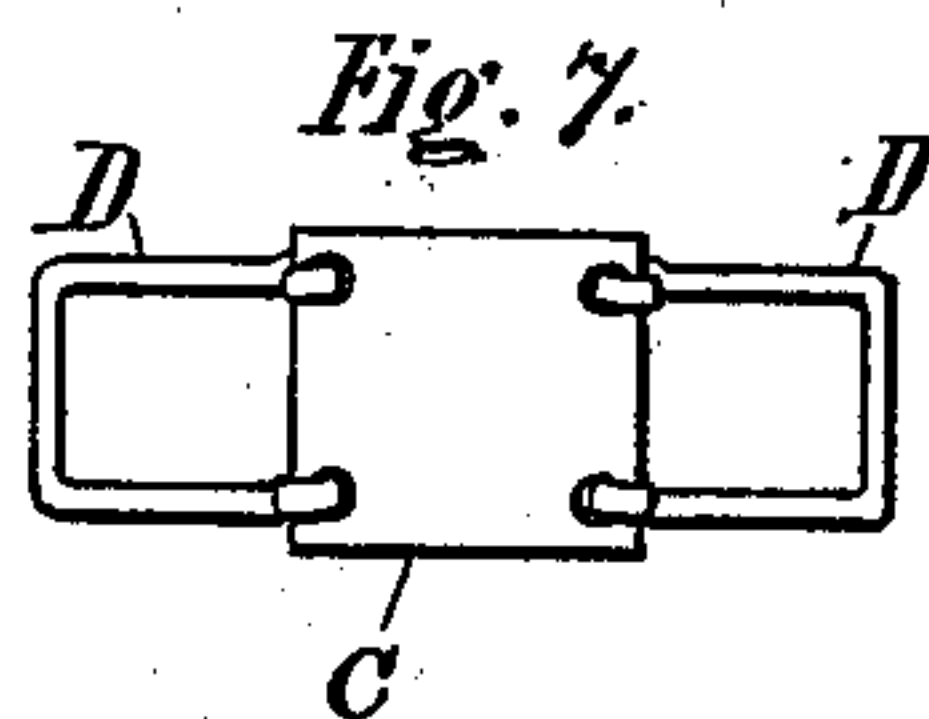
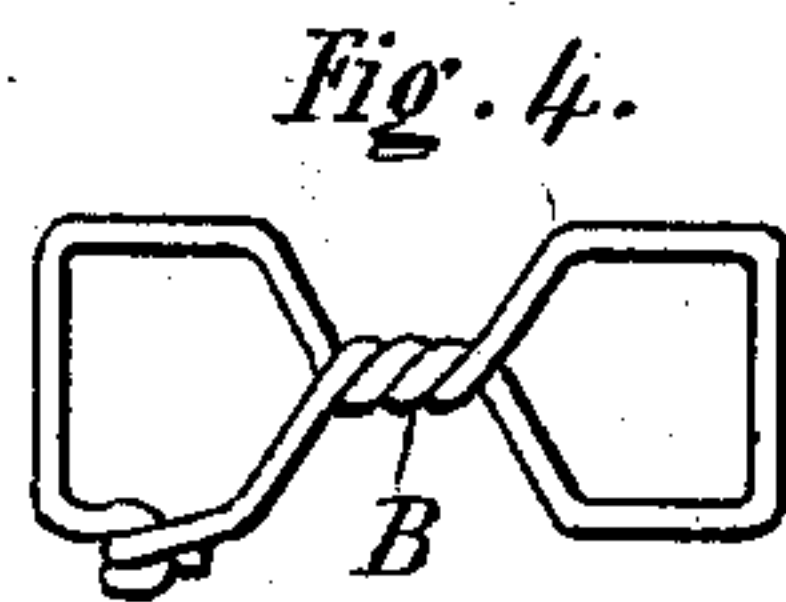
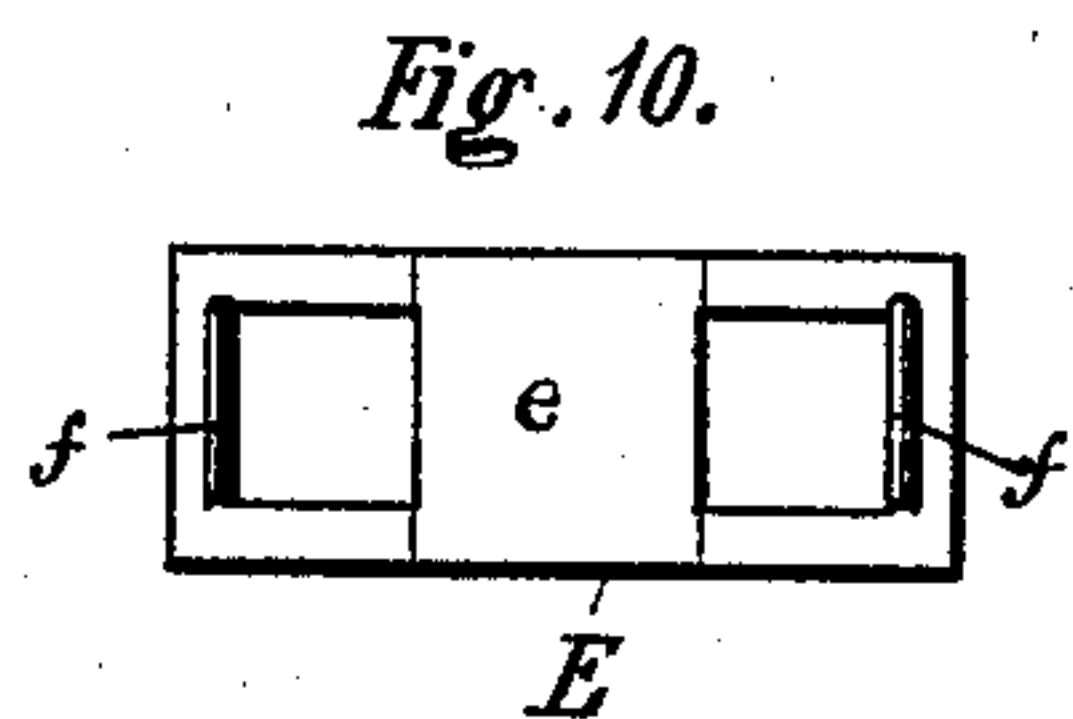
(No Model.)

A. M. BROCK.

FENCE RAIL.

No. 373,123.

Patented Nov. 15, 1887.



WITNESSES:

Gas S. Giobank
Hiram Coates

Fig. 1.

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ATTORNEY

UNITED STATES PATENT OFFICE.

ADDIE M. BROCK, OF NORTH PLAINFIELD, NEW JERSEY.

FENCE-RAIL.

SPECIFICATION forming part of Letters Patent No. 373,123, dated November 13, 1887.

Application filed March 3, 1887. Serial No. 229,633. (No model.)

To all whom it may concern:

Be it known that I, ADDIE M. BROCK, a citizen of the United States, and a resident of North Plainfield, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Fence-Rails, of which the following is a specification.

My invention consists, essentially, in the employment of a link or clevis of peculiar construction for the purpose of connecting the contiguous ends of fence-rails where they meet between the posts, whereby a continuous flexible rail is produced, as hereinafter more particularly described.

In the accompanying drawings, Figure 1 represents a portion of a fence constructed according to my invention; Figs. 2 to 12 are detail views of different forms of the link or clevis.

The link or clevis may be made of plate metal or of stout wire, or both. When made of wire, it is bent so as to form two loops large enough to surround the ends of the rails and engage with kerfs or notches therein, with the wire crossing diagonally between the links.

In Figs. 2 and 3 the link A is made of a single piece of wire crossing diagonally between the loops.

In Figs. 4, 5, and 6 the link B has the wire crossed, and it is also twisted two or three times in order to give it additional strength.

In Figs. 7, 8, and 9 the link is composed of a metal plate, C, with two wire loops, D D, hooked to the corners thereof. This form covers the joint where the ends of two rails meet, as shown in Fig. 1, and afford protection from the weather.

In Figs. 10, 11, and 12 the link E is made

from a piece of metal forming a central protecting-plate, *e*, and two loops, *f f*, the plate being bent so as to allow said loops to engage with the kerfs or notches, as shown in Fig. 1.

The mode of applying the links or clevises to the rails is shown in Fig. 1. The crossed portions of the wire, or the central protecting-plate, is placed on top, so as to cover the joint where the ends of two rails meet, and the loops extend from thence diagonally downward and outward and engage with kerfs or notches *g* in the under sides of the rails *G* near their contiguous ends. The rails may be passed through tenons in the posts *H* in the old way, or through staples *h*, driven into the posts, and in some cases they may be secured to an intermediate post by bolts *i*, as shown.

By this construction a fence-rail is constructed which is stronger than a rail made of a single piece of wood and without stiffness and brittleness, while its flexibility allows it to yield in all directions when pressed upon by cattle or under other similar circumstances.

What I claim as new, and desire to secure by Letters Patent, is—

A fence-rail composed of two or more rails having kerfs or notches on their lower sides, in combination with a metallic link or clevis consisting of a central portion and two loops adapted to connect the ends of the rails together and to engage with the joint on the upper sides and with the kerfs or notches on the lower sides of the rails, substantially as and for the purpose herein shown and described.

ADDIE M. BROCK.

Witnesses:

FRANCIS C. BOWEN,
W. E. BROCK.