No. 705,951. Patented July 29, 1902.

W. B. MacLEAN.

FENCE LOCK.

(Application filed Oct. 13, 1900.)

(No Model.)

Fig. 1

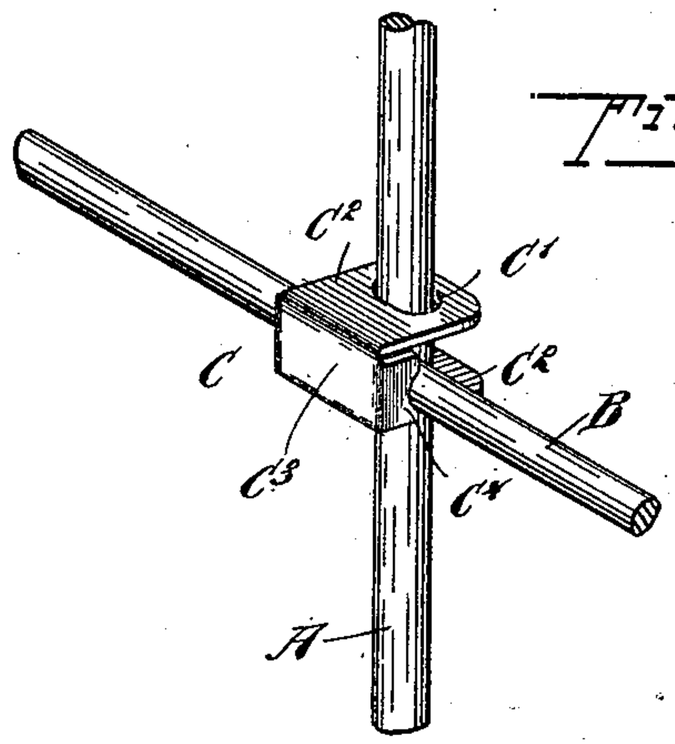


Fig. 2

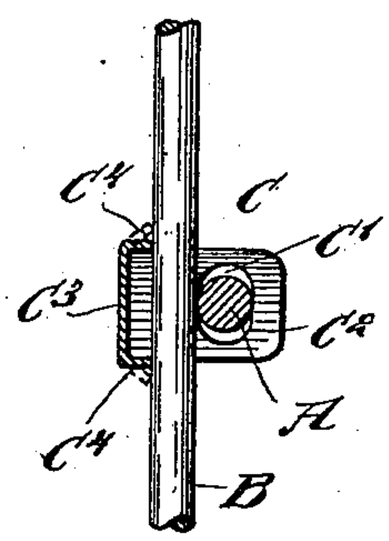


Fig. 3

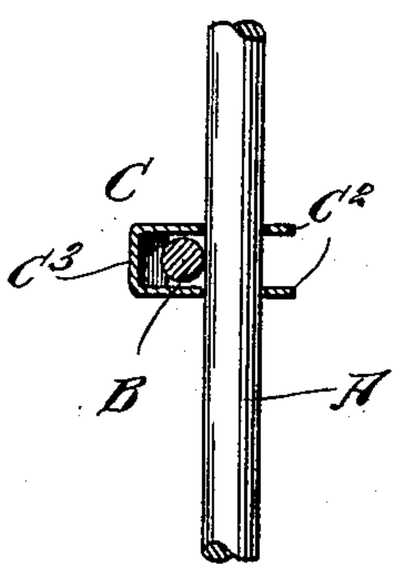


Fig. 4

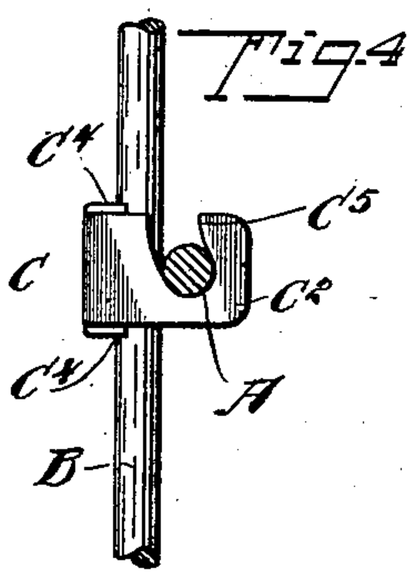


Fig. 5

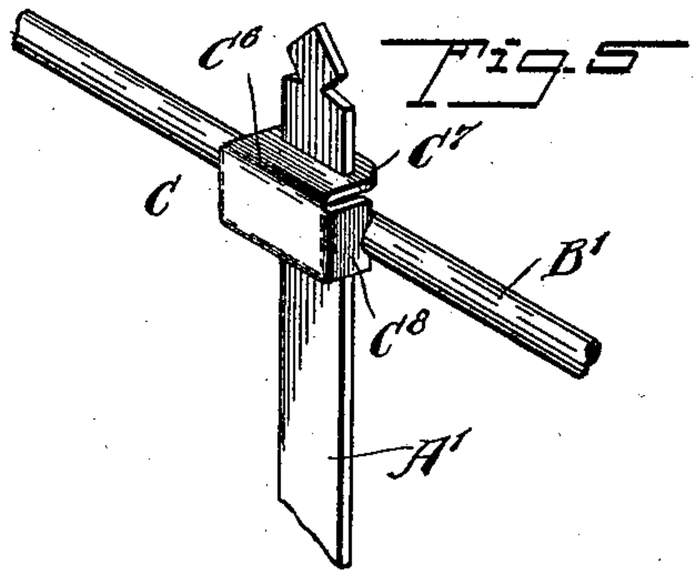
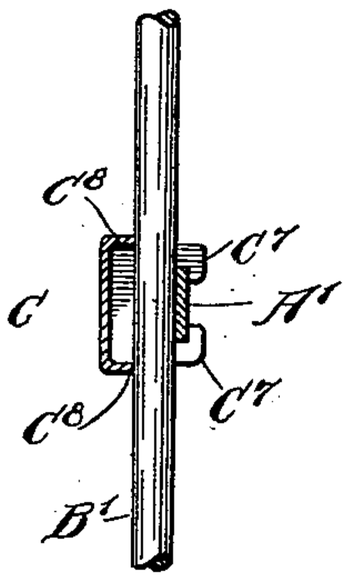


Fig. 6



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM BALMER MACLEAN, OF GALETTA, CANADA.

FENCE-LOCK.

SPECIFICATION forming part of Letters Patent No. 705,951, dated July 29, 1902.

Application filed October 13, 1900. Serial No. 32,941. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BALMER MACLEAN, a citizen of the United States of America, and a resident of Galetta, in the Province of Ontario and Dominion of Canada, have invented a new and Improved Fence-Lock, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved fence-lock more especially designed for securely fastening the longitudinal wires to the pickets of a fence, the lock being simple and durable in construction, very effective in operation, and readily applied to securely fasten or bind the parts together.

The invention consists of novel features and parts and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement as applied to a fence with round pickets. Fig. 2 is a sectional plan view of the same. Fig. 3 is a transverse section of the same. Fig. 4 is a sectional plan view of a modified form of the improvement. Fig. 5 is a perspective view of another modified form of the improvement as applied to a fence having flat pickets, and Fig. 6 is a sectional plan view of the same.

The parts on which the lock is applied are shown in the form of a fence-post A and a longitudinal wire B, crossing the fence-post at a right angle, the post A extending through elongated apertures C′ in the flanges C^2 of a U-shaped clip C, forming the lock, the fence-wire B being in contact with the post A, between the said flanges C^2 and a distance from the back or connecting part C^3 of the clip C. The wire B is securely pressed into contact with the post A by arms C^4, extending integrally from the ends of the part C^3 of the clip, it being understood that in manufacturing the clip the said arms C^4 extend at an angle to the back C^3, as indicated in dotted lines in Fig. 2; and these angular arms are bent by the operator by the use of a suitable tool down into a locking position against the fence-wire B at the time the lock is applied.

The inner edges of the arms C^4 are preferably curved or notched to correspond to the surface of the wire B to be locked in place on the post A between the flanges C^2 of the clip, it being understood that when said arms C^4 are bent to engage the wire B then the latter is firmly pressed against the post A, so that both the post A and the wire B are held immovably in the clip and the latter is held immovably on the post. The post A instead of extending through apertures C′ in the flanges C^2 may be slipped into recesses C^5, formed in the flanges C^2, as illustrated in Fig. 4.

As shown in Figs. 5 and 6, the device is applied to a flat fence post or picket A′ and the longitudinal wire B′, and in this case the flanges C^6 of the clip C are formed with inwardly-extending lugs or hooks C^7, adapted to engage the said post and to lock the clip in place.

The inner edges of the arms C^8 of the clip are curved or notched to correspond to the surface of the wire B′.

Although I have shown the device applied to fence wires and posts, it is evident that the device may be used for other purposes, if desired.

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

1. A lock for locking a wire to a post or picket, comprising a U-shaped clip adapted to receive a wire between its parallel members and having vertically-alined bearings in said members to receive a post or picket, and integral locking-arms projecting from the ends of the portion connecting the parallel members, said arms being adapted to be bent so as to engage with their inner edges the wire and force it in firm contact with the post or picket, as set forth.

2. A lock for locking a wire to a post or picket, consisting of a U-shaped clip adapted to receive a wire between its parallel members and having vertically-alined openings in said members to receive a post or picket,

and integral locking-arms projecting from the ends of the portion connecting the parallel members, said arms having their inner edges recessed or notched and adapted to be bent into engagement with the wire to force it into firm contact with the post or picket, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM BALMER MACLEAN.

Witnesses:

J. E. THOMPSON,

R. A. HUNT.