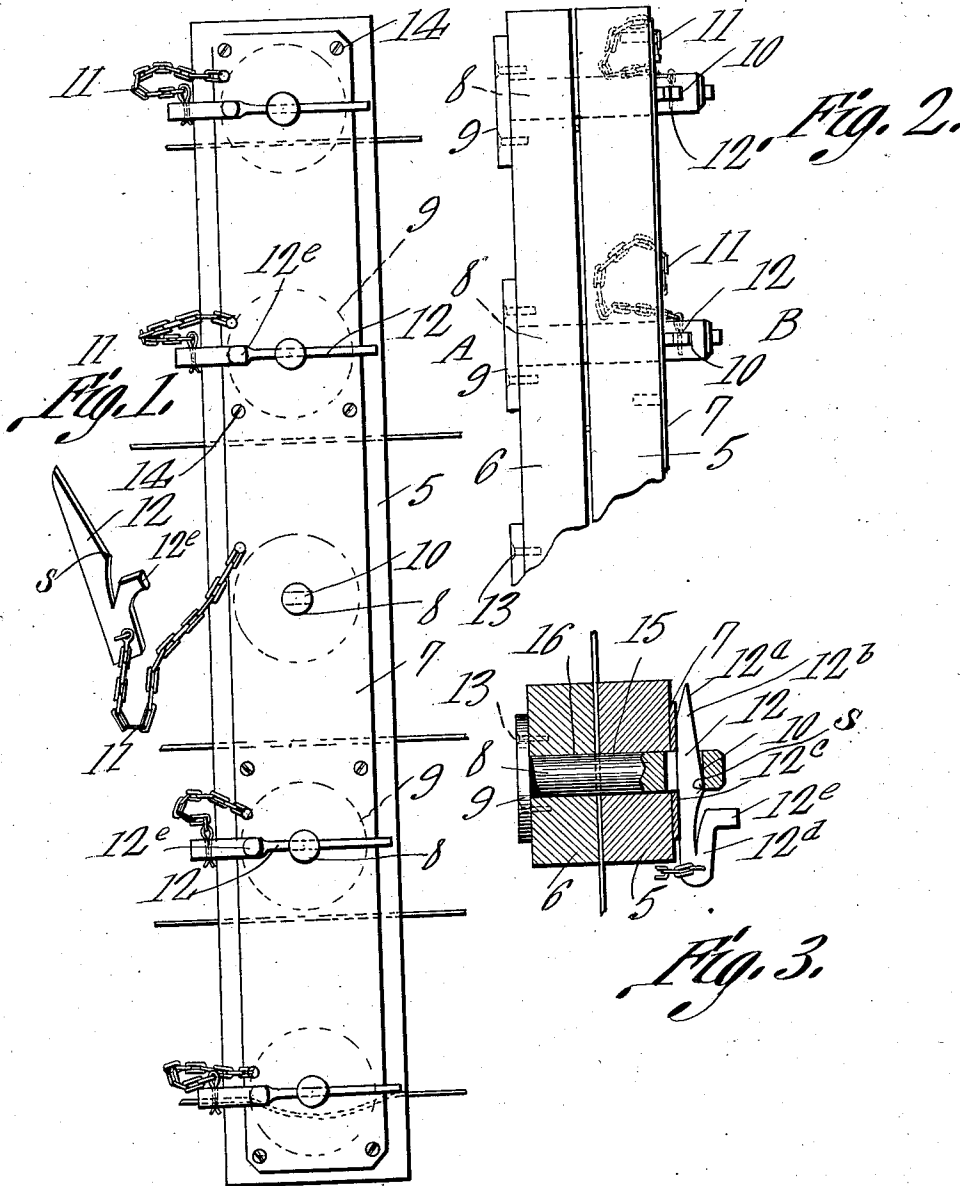


R. B. CLEMENT.
CLAMP.
APPLICATION FILED JUNE 30, 1911.

Patented Dec. 26, 1911.

1,012,600.



Witnesses

J. P. Tomlin
L. H. Wilson

Robert B. Clement,
Inventor

by *C. A. Snow & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

ROBERT B. CLEMENT, OF CRAYNE, KENTUCKY.

CLAMP.

1,012,600.

Specification of Letters Patent.

Patented Dec. 26, 1911.

Application filed June 30, 1911. Serial No. 636,150.

To all whom it may concern:

Be it known that I, ROBERT B. CLEMENT, a citizen of the United States, residing at Crayne, in the county of Crittenden and State of Kentucky, have invented a new and useful Clamp, of which the following is a specification.

This invention relates to clamps, particularly to clamps utilized for stretching wire fences. Clamps of this character are adapted to receive the wires or strands of the fence and clamp them therebetween to permit of stretching the fence by pulling the clamps with a suitable mechanism.

This invention has for its object to provide for an improved clamp of this character which can be rapidly applied to and removed from the wires of the fence.

The invention is illustrated in the accompanying drawings, in which similar reference characters indicate similar parts, and in which:—

Figure 1 is a side elevation of the clamp. Fig. 2 is a front elevation of the clamp, parts being broken away. Fig. 3 is a cross section of the clamp.

Referring specifically to the drawings, the clamp comprises sections 5 and 6 preferably of wood or similar material, which have a series of vertical and alining holes 15 and 16 therein. Bolts 8 are passed through the holes 16 of section 6 and have outer flanges or heads 9 bearing on the outer face thereof, said flanges being secured rigidly to the said section by screws 13. Slots or openings 10 pass through the bolts which project from the section 6. By bringing the sections together the bolts 8 are arranged to pass through the holes 15 in the section 5 to bring the slots 10 outside of the said section. The outer face of the section 5 is provided with a plate 7 secured thereon by means of screws 14. The bolts 8 pass through the holes in said plates which register with holes 15 in section 5. Wedges or cotters 12 are adapted to pass through the openings or slots 10 to clamp the sections 5 and 6 together. The wedges have the intermediate portions of the inner face 12^c thereof straight and adapted to fit snugly against the plate 7 and the outer face 12^b thereof is tapered to bear against the wall of the opening 10. The forward end of the inner face of the wedge 12 is tapered toward

the face 12^b to form a sharp point or nose 55 for readily inserting the wedges in the openings 10. At the rear end the wedge 12 has the forwardly projecting arm 12^a on the outer side of same and a finger 12^e projects outwardly from the ends of the arm 12^a 60 and between the outer face 12^b and the said finger 12^e is a spur S. The upper and lower faces of the wedge 12 are also tapered or converge toward the forward end or nose of the wedge. Chains 11 are connected to 65 the rear end of the wedges 12 and to the plates 7 which support the wedges when disengaged from the bolts 8 in the proximity of the respective holes where they can be readily grasped and inserted through the 70* holes upon the sections being brought together. In use, sections 5 and 6 are placed over the strands or the wires of the fence and the wedges 12 are passed through the openings 10 in the bolts and are hammered 75 or otherwise securely embedded therein. By forcing the fingers 12^e against the bolts 8, the spurs S are forced into the openings 10 and bite the walls thereof to retain the wedges in position. The clamps can then be con- 80 nected to draft means for stretching the fence. The particular shape of the wedges allow for their rapid insertion through the openings 10 and tightly clamp the sections together. When it is desired to remove the 85 clamps the fingers 12^e are struck with a hammer or other implement to remove the wedge from the bolt and allow the sections to be separated. It is therefore unnecessary to strike the points of the wedge to remove 90 the same. The plate 7 allows for a metal fit between the wedge and said plate and also prevents the face of the wood from being marred by the wedges. By removing screws 13 and 14 the plate 7 and bolts 8 may 95 be removed from the sections 5 and 6 to permit the sections to be reversed to bring the unmarred outer faces inward, the inner faces when becoming marred by usage being rendered less efficient.

Having described the invention what I claim as new is:—

In a clamp of the character described, the combination of two sections, one of the said sections having a projecting bolt secured 105 thereto with an opening therein, and the other section having a hole for the passage of the bolt therethrough, and a wedge

adapted to be passed through the said opening in the bolt to clamp the sections together, the said wedge having a projecting finger and a spur for biting the wall of the opening upon the finger being forced against the bolt.

In testimony that I claim the foregoing

as my own, I have hereto affixed my signature in the presence of two witnesses.

ROBERT B. CLEMENT.

Witnesses:

J. C. ELDER, Jr.,

D. WOODS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."