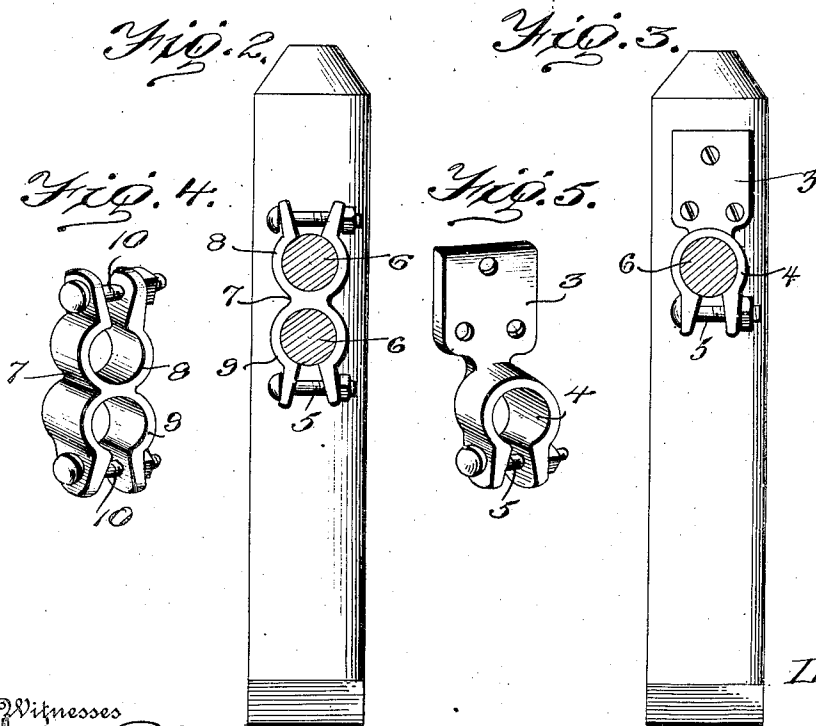
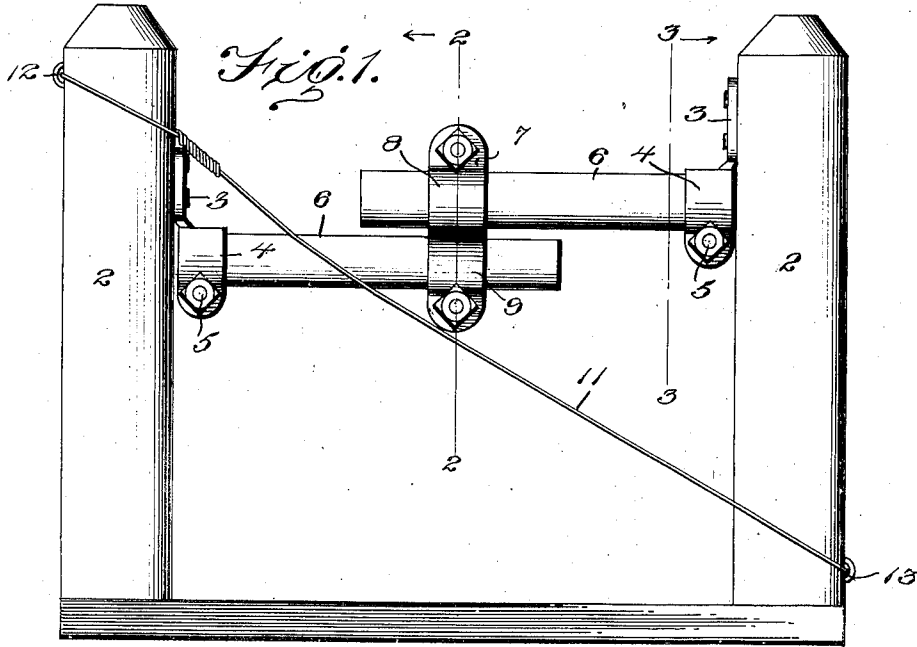


L. OLSON.
FENCE POST BRACE.
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1,056,576.

Patented Mar. 18, 1913.



Inventor
L. OLSON.

Witnesses
H. M. A. A. A.
M. M. A.

By
H. M. A. A. A., Attorneys.

UNITED STATES PATENT OFFICE.

LEWIS OLSON, OF MADISON, WISCONSIN.

FENCE-POST BRACE.

1,056,576.

Specification of Letters Patent.

Patented Mar. 18, 1913.

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To all whom it may concern:

Be it known that I, LEWIS OLSON, citizen of the United States, residing at Madison, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Fence-Post Braces, of which the following is a specification.

My invention relates to fences, and particularly to the braces therefor and the primary object of my invention is the provision of a fence post brace of a very simple, cheap and effective form whereby opposed posts may be readily connected or disconnected and braced from each other, and a further object in this connection is the provision of socket irons and a brace clamp, the irons being so constructed that they may be readily applied to fence posts and readily engaged with the bracing members thereof or disengaged therefrom.

My invention is illustrated in the accompanying drawings wherein:

Figure 1 is a front elevation of a portion of a fence with my improved fence post brace applied thereto. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is a section on the line 3—3 of Fig. 1. Fig. 4 is a perspective detail view of the middle clamp. Fig. 5 is a perspective detail view of one of the clamps to be applied to the fence post.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

In the drawings 2 designates opposed posts. Mounted upon these posts are sockets, each socket comprising a base plate 3 having a plurality of holes whereby it may be attached to the post and the curved jaws 4 extending out from the base plate and below the same and constituting a socket proper. These jaws 4 are drawn toward each other by means of a bolt 5 to any desired extent so as to clamp a brace securely within the socket. There are two of these sockets, one on each post and the sockets are arranged to face each other. Each socket is preferably made of a one piece forging, the jaws 4 being sufficiently yielding to be drawn together by the bolt.

The inner end of each rail section is supported in the socket and the other ends of the rail sections or braces overlap as illustrated in Fig. 1, these ends being connected by means of a double jawed clamp designated generally 7. This clamp is made of a one piece forging and has two pair of jaws 8 and 9. Each pair of jaws is yieldable inwardly and the jaws are connected at their ends by means of bolts 10 whereby each jaw may be tightened upon one of the rail sections or braces.

The operation of my invention will be obvious from the drawing. The socket members are first attached to the posts 2. The rails or braces are then inserted in the sockets and their free ends are inserted in the clamping jaws 8 and 9. One of these jaws is then tightened up and the brace which passes through the other jaw is then pushed away until the post 2 connected therewith is firmly supported and then the second clamp is tightened. In addition to this bracing means I may provide a flexible connection 11 which passes around one of the posts 2 at its upper end and through an eye 12 and which passes diagonally downward to the base of the opposite post and passes through an eye 13 thereon. This connection which is usually in the form of parallel wires may be tightened up so as to draw the two posts firmly toward each other and in firm engagement with the brace members.

What I claim is:

1. The combination with opposed fence posts, of facing socket members attached to the posts and disposed out of alinement with each other, each socket member comprising a base plate and opposed integral clamping jaws, parallel rail sections, each disposed in the jaws of one of said sockets and extending toward and overlapping the other rail section, and a clamp joining said rail sections, said clamp having independently operable clamping jaws adapted each to embrace one of said rail sections.

2. The combination with opposed fence posts, of facing socket members attached to the posts and disposed out of alinement with each other and each comprising a base plate,

jaws depending from the base plate and a bolt drawing said jaws toward each other, rail sections in said sockets extending toward and overlapping each other, a clamp
5 having integral oppositely directed pairs of jaws, each pair embracing one of said rail sections, and bolts one for each pair of jaws drawing the jaws together.

In testimony whereof I affix my signature in presence of two witnesses.

LEWIS OLSON. [L. S.]

Witnesses:

J. C. HARPER,
EMMA BERGEMANN.