

No. 854,946.

PATENTED MAY 28, 1907.

I. R. HILL.  
WIRE FENCE LOCK.  
APPLICATION FILED JAN. 10, 1907.

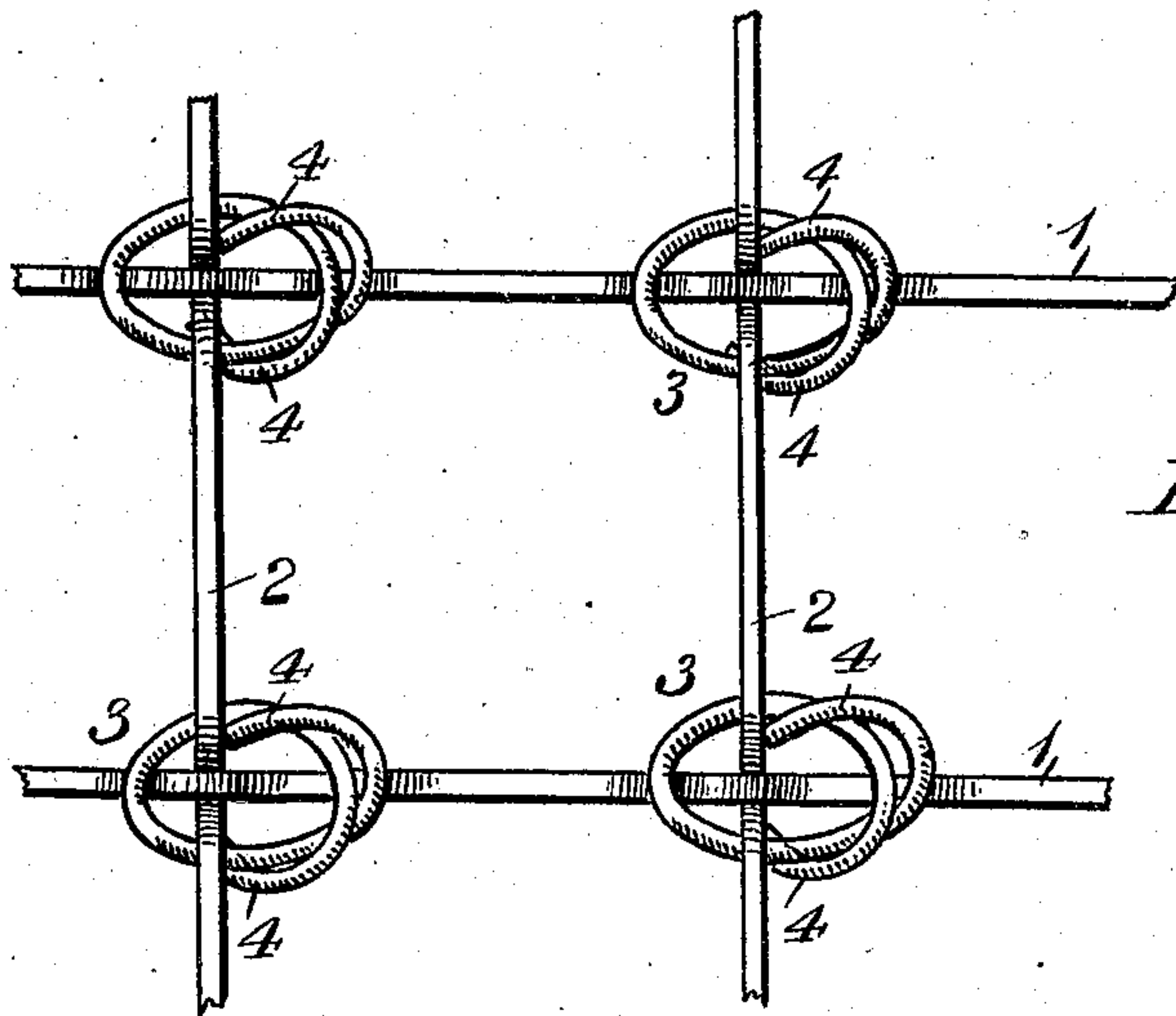


Fig. 1.

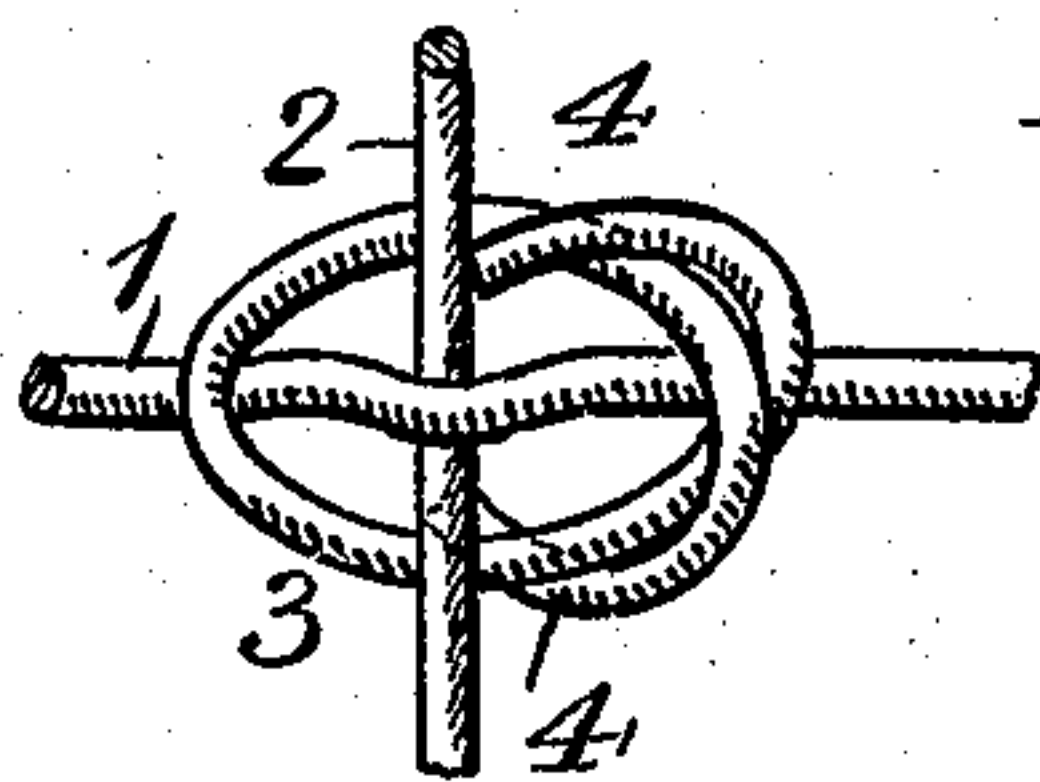


Fig. 2.

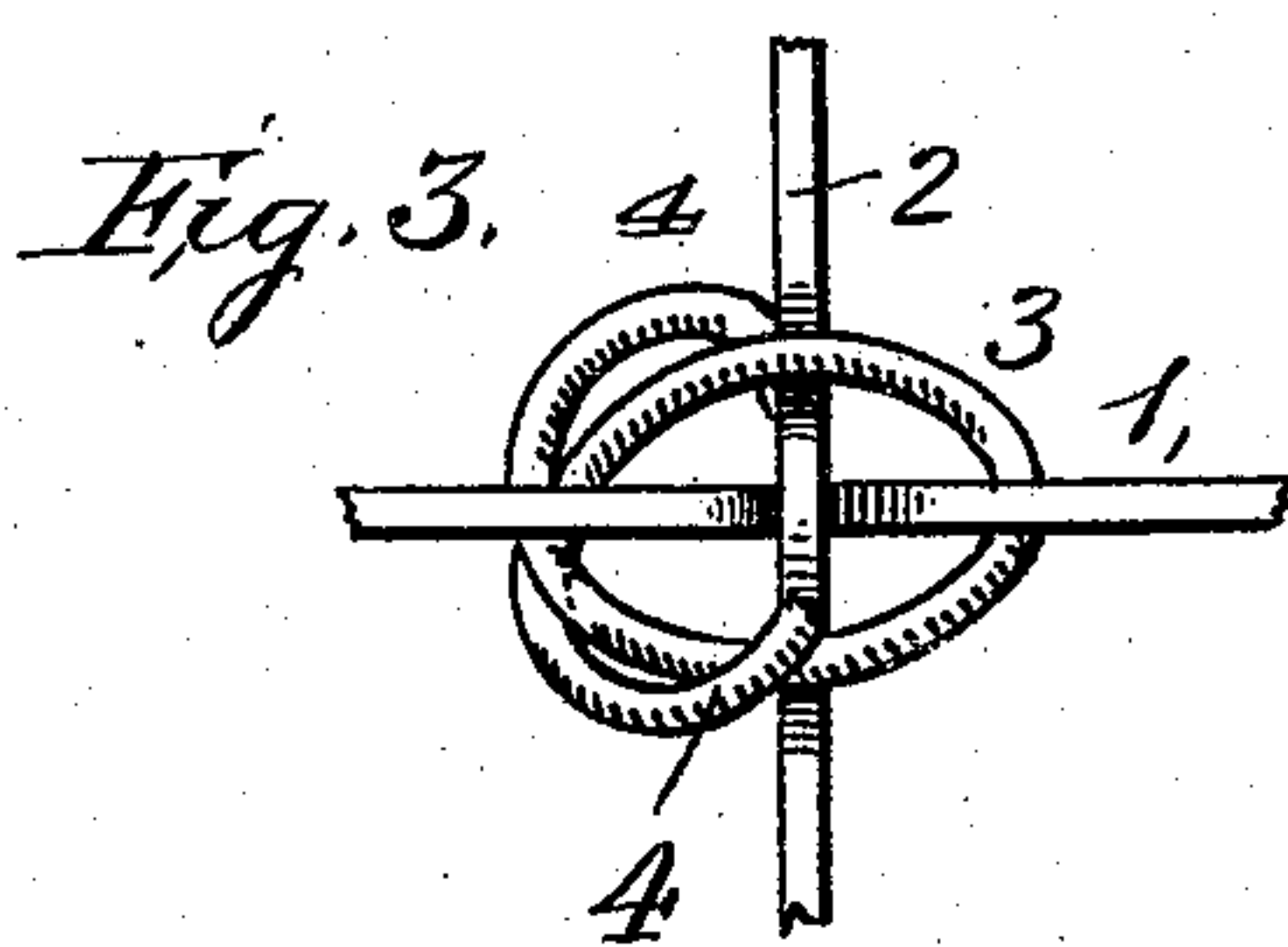


Fig. 3.

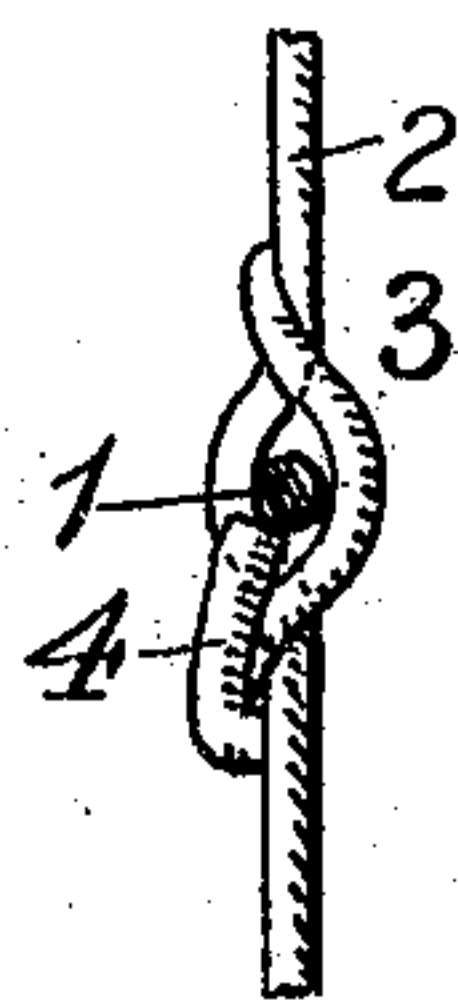


Fig. 4.

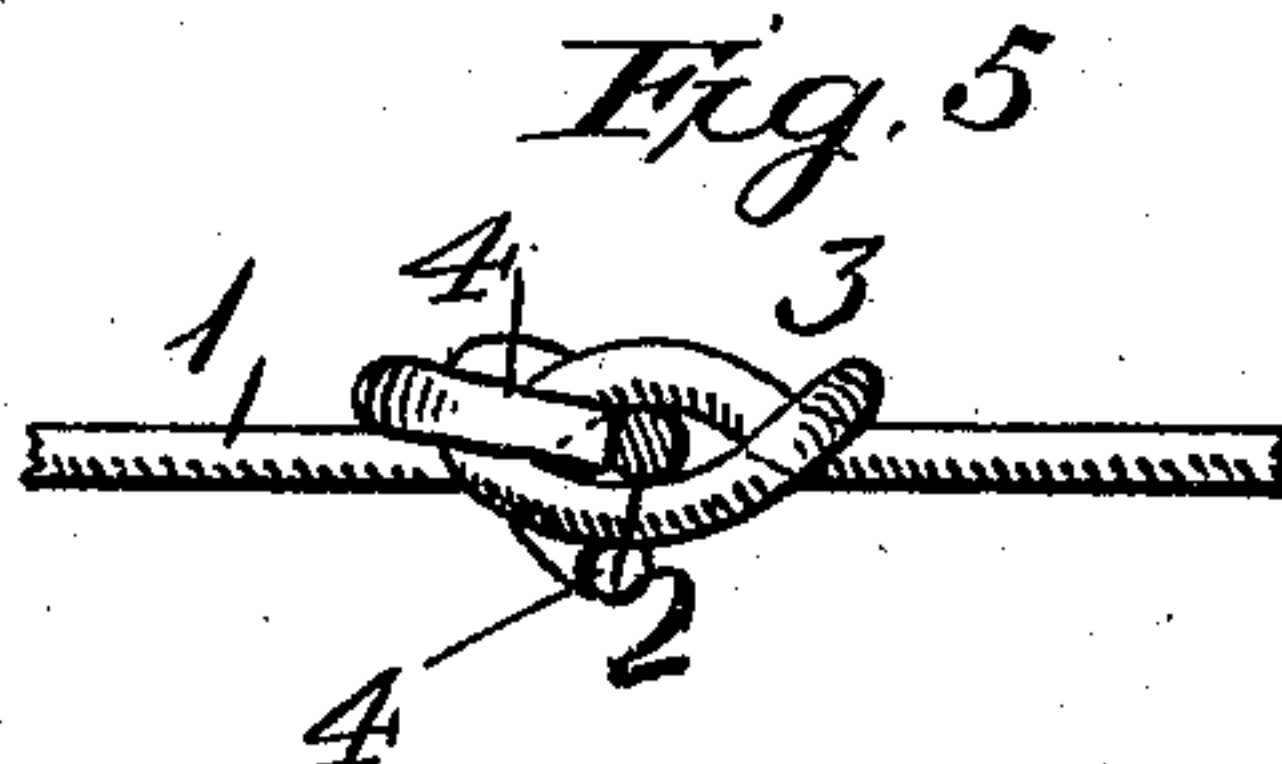


Fig. 5.

Witnesses:

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# UNITED STATES PATENT OFFICE.

IVAN R. HILL, OF READING, MICHIGAN.

## WIRE-FENCE LOCK.

No. 854,946.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed January 10, 1907. Serial No. 351,735.

*To all whom it may concern:*

Be it known that I, IVAN R. HILL, a citizen of the United States, residing at Reading, in the county of Hillsdale and State of Michigan, have invented certain new and useful Improvements in Wire-Fence Locks, of which the following is a specification.

My invention relates to improvements in wire fences, more particularly to locks or ties for connecting the longitudinal and transverse strands or members together at their intersecting points. Its objects are to provide for tying or connecting said longitudinal and transverse strands or members together at their intersecting points for effectively securing and bracing said members at said points as against relative displacement by friction due to a constant resilient or recoil action of the fastening or lock by which said strands are held in contact one with the other.

Said invention consists of the peculiar formation of the tie or lock substantially as hereinafter more fully disclosed and specifically pointed out by the claims.

In the accompanying drawing illustrating my invention—Figure 1 is a broken panel of fence with said invention applied thereto. Fig. 2 is a detached perspective view of the lock or tie together with a longitudinal, and a transverse strand interconnected therewith. Fig. 3 is a front elevation, and Fig. 4 is an edge elevation of the same, and Fig. 5 is a plan view thereof.

In carrying out my invention, I suitably unite the longitudinal strand 1 and transverse or vertical strand 2 of an ordinary or other form of wire-fence, by means of a lock or fastening 3 itself being of wire. Said lock or fastening is formed by a single thrust of a punch and die, the lock having substantially an oval outline with its axis extending in the horizontal, and its terminal or end

portions 4 overlapping each other. The lock or fastening bodily overlies at its ends the longitudinal strand, while the transverse or vertical strand, which passes in rear of said longitudinal strand, overlies said lock about intermediately of the lock end-portions, said parts thus all being interlocked together against relative lateral displacement by friction due to a constant resilient or recoil action of the lock by which said strands are held in contact one with the other. The end or terminal portions 4 of said lock, it will be noted, extend inward, one abutting the fence transverse strand and the other terminal being bent down upon a lateral portion of the lock itself, opposite said fence transverse strand thereby additionally interlocking the parts together. Thus a simple, readily constructed and effective fastening or lock is provided for connecting the longitudinal and transverse fence strands which may be quickly and expeditiously applied thereto.

I claim—

A wire-fence lock formed of a wire bent in oblong outline and applied to the opposite sides of the vertical or transverse and longitudinal fence-wires, with one terminal portion passed through the looped portion of the other terminal portion and the latter terminal portion overlying the aforesaid terminal portion and the extreme end of one terminal portion abutting said transverse fence-wire and the corresponding end of the other terminal portion stopping opposite to said transverse fence-wire.

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

IVAN R. HILL.

Witnesses:

Z. G. CULVER,  
OTIS ABBOTT.