

No. 812,928.

PATENTED FEB. 20, 1906.

A. M. KEENEY.
WIRE LOCK.

APPLICATION FILED APR. 17, 1905.

Fig. 1.

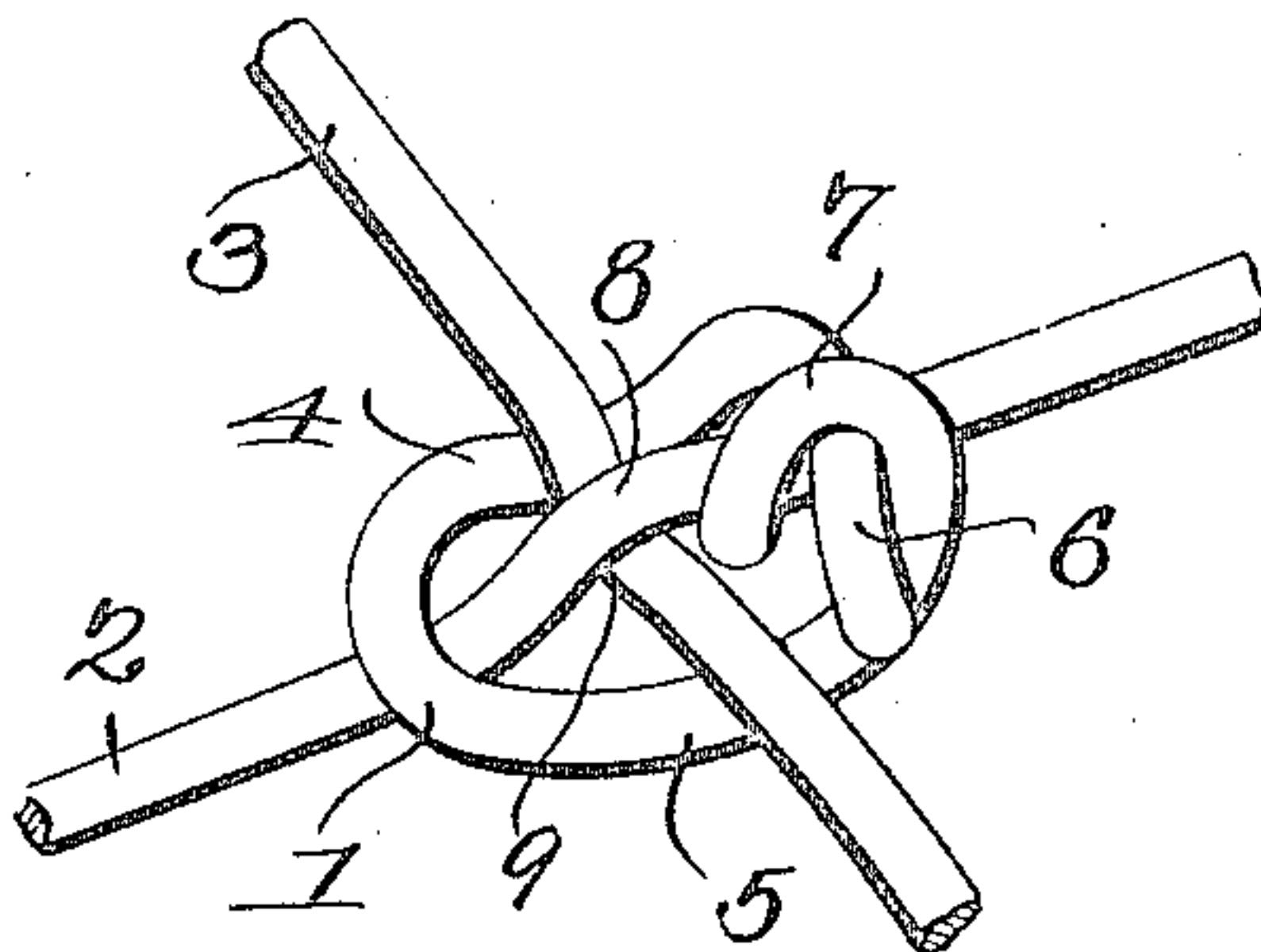


Fig. 2.

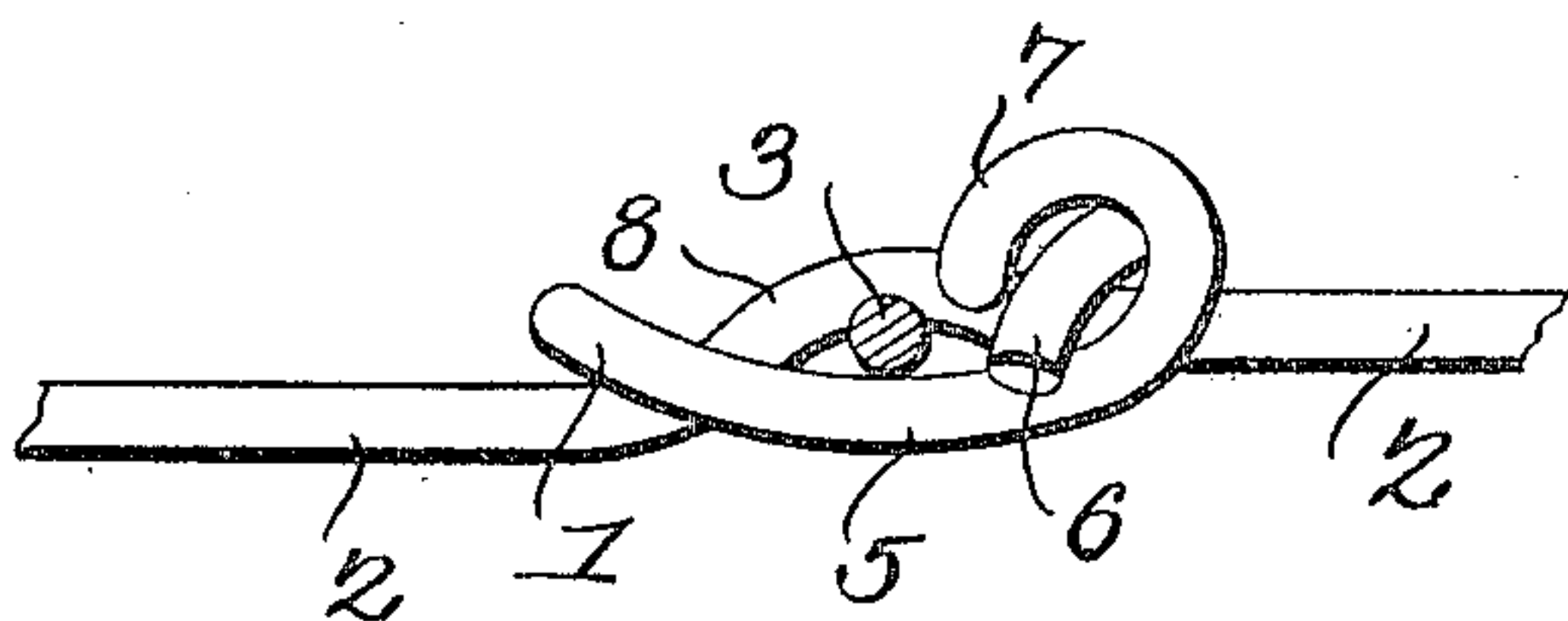
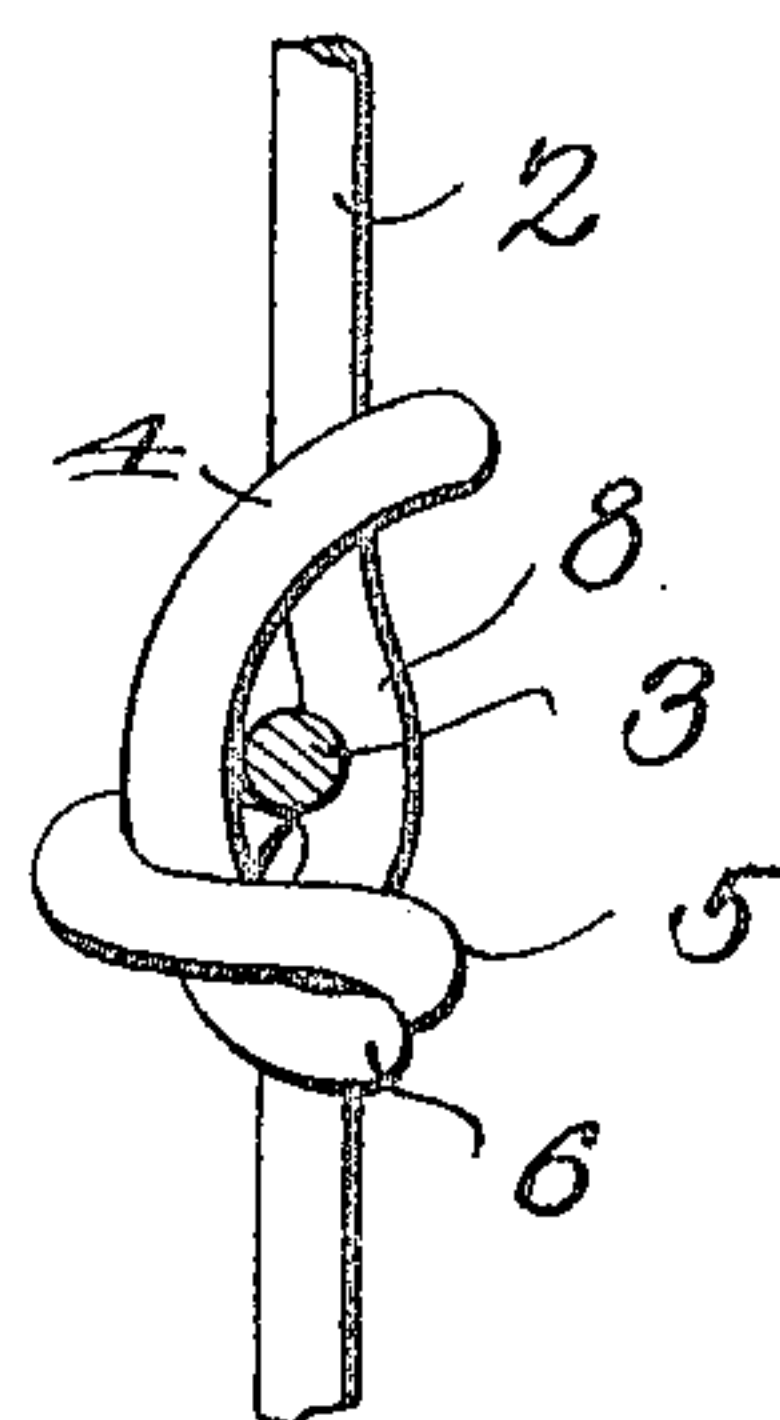


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

ALANSON M. KEENEY, OF ANN ARBOR, MICHIGAN.

WIRE LOCK.

No. 812,928.

Specification of Letters Patent.

Patented Feb. 20, 1906.

Application filed April 17, 1905. Serial No. 256,000.

To all whom it may concern:

Be it known that I, ALANSON M. KEENEY, a citizen of the United States, residing at Ann Arbor, in the county of Washtenaw and State of Michigan, have invented a new and useful Wire Lock, of which the following is a specification.

This invention relates to wire locks for interlocking crossed wires, and has been particularly designed for use in connection with wire fences.

It is an important object of the invention to employ an ordinary U-shaped staple to form the lock and to interengage the ends of the staple in a simple and improved manner, so as to enable the employment of dies for clamping the lock upon the fence-wires when set up to form the fence.

With these and other objects in view the invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, Figure 1 is a perspective view of a pair of crossed wires connected by means of the lock of the present invention. Fig. 2 is an inverted plan view thereof. Fig. 3 is an end view.

Like characters of reference designate corresponding parts in each and every figure of the drawings.

The lock 1 of the present invention is originally in the form of a substantially U-shaped wire staple, which is placed astraddle of one of a pair of crossed wires 2 and 3, which may be a runner and a stay of a wire fence. As shown in the drawings, the lock is placed astraddle of the runner-wire 2, with its sides 4 and 5 passed transversely across the outer side of the stay-wire, with the end portion 6 of the side 4 bent transversely across the

outer side of the runner-wire and also across the side 5 of the lock, while the free end of the side 5 is bent or hooked over the terminal 6 of the side 4, the free extremity of the terminal 6 of course being pressed into snug engagement with the side 5, whereby the extremities of the lock are mutually interengaged in a simple and effective manner to insure a rigid and durable connection of the crossed wires.

It is proposed to apply the lock to the crossed wires by means of suitable dies in order that the lock may be applied after the fence-wires have been set up. During the application of the lock the fence-wires are of course kinked, as at 8 and 9, which kinks present shoulders engaged by the lock, so as to prevent sliding or looseness of the latter upon the wires, which insures a tight and durable connection for the wires.

Having fully described the invention, what is claimed is—

1. The combination with crossed wires, of a substantially U-shaped lock straddling one of the wires and passing across the opposite side of the other wire, one end portion of the lock being passed across the first-mentioned wire, and the other extremity of the lock being hooked over the first-mentioned end of the lock.

2. The combination with crossed wires, of a substantially U-shaped lock straddling one of the wires and passing across the opposite side of the other wire, one end of the lock being passed across the first-mentioned wire and engaged with the opposite side of the lock, said opposite side of the lock lying wholly at one side of said other wire and being bent back across the first-mentioned end of the lock.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ALANSON M. KEENEY.

Witnesses:

I. A. DEWEY,
CARL F. BRAUN.