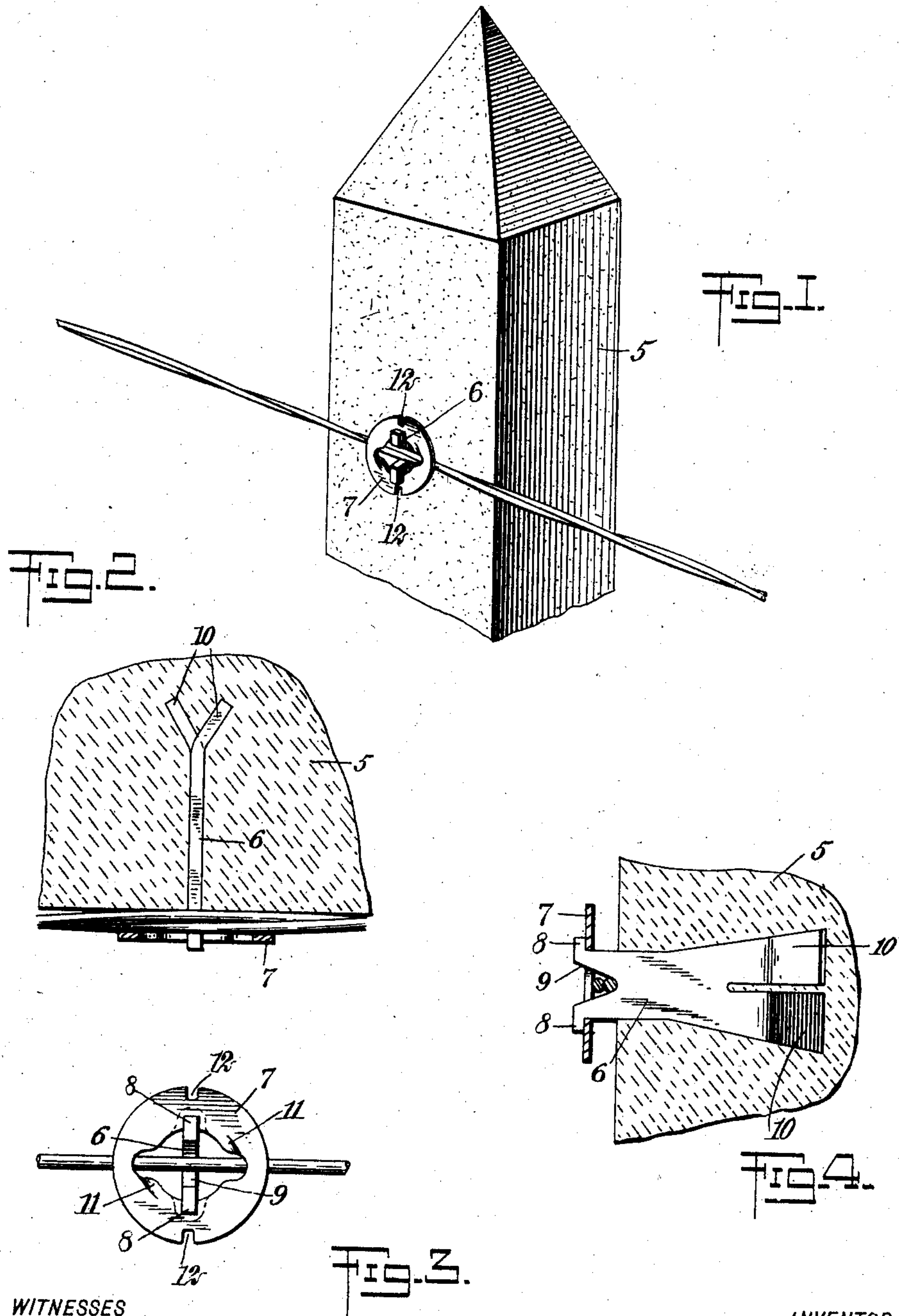


No. 883,584.

PATENTED MAR. 31, 1908.

W. H. SULLIVAN.
FENCE WIRE FASTENER.
APPLICATION FILED NOV. 19, 1907.



WITNESSES
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WILLIAM HARRISON SULLIVAN, OF FORT SHAW, MONTANA.

FENCE-WIRE FASTENER.

No. 883,584.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed November 19, 1907. Serial No. 402,832.

To all whom it may concern:

Be it known that I, WILLIAM H. SULLIVAN, a citizen of the United States, and a resident of Fort Shaw, in the county of Cascade and State of Montana, have invented a new and Improved Fence-Wire Fastener, of which the following is a full, clear, and exact description.

This invention is an improvement in fasteners for fence wires, being more particularly constructed and designed for use in connection with concrete and other like posts.

The object of the invention primarily is to provide a fastener embodying both simplicity and strength, by which the wire may be easily and securely connected to the post, or be detached therefrom without injury to the parts, thus making it possible to use the fastener repeatedly.

Reference is to be had to 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 a concrete post, showing one of my improved fasteners applied thereto and securing a wire in place; Fig. 2 is a horizontal section through the same; Fig. 3 is a face view of the fastener with the wire locked therein; and Fig. 4 is a vertical sectional view of the construction shown in Fig. 1.

My improved fence wire fastener is more particularly designed to be used in connection with concrete or other like posts, and consists essentially of two parts, namely; a key for receiving the wire, and a washer or plate for engaging the key and locking the wire therein.

The key 6 is preferably made of sheet metal, having an enlarged head formed by lateral projections 8, and constructed with an intermediate V-shaped notch 9, for receiving one or more strands of the fence wire. The shank of the key is embedded in the post and is of tapering form to make the end thereof of increased width. This widened portion of the key is bifurcated to provide two fingers 10, which are bent in opposite directions as clearly shown in Fig. 2, and which operate to effectively anchor the key when embedded in the concrete.

The opening in the washer 7 is of such diameter as to closely fit the body of the key underneath the head, and is elongated at diametrically opposite points sufficiently to pass over the head of the key when brought into

register therewith. At opposite sides of the elongations of the washer opening, the metal is depressed to provide cam or inclined faces 11, on which the under faces of the projections 8 ride when the washer is revolved out of register with the notches or elongations in the opening thereof to a locking position, as shown in Figs. 1 and 3. These inclined or cam faces 11 obviously admit of the free revolution of the washer when passed over the head of the key at the beginning of the locking operation, but they will force the washer inwardly and thus bind the wire in the notch of the key as the projections pass to the upper face of the washer. In order that the washer may be easily applied to and detached from the key, it is constructed with oppositely-disposed notches 12 in its circumference, which may be engaged with a suitable wrench to rotate it.

The invention as shown and described while being the preferred manner of constructing my fence wire fastening, it is apparent that the same may be modified in particulars without departing from the nature of my improvements as defined in the claims annexed.

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

1. In a device of the character described, a member having means for receiving a wire and provided with a head, and a device adapted to be passed over said head and revolved thereunder to prevent the displacement of the wire from the member.

2. In a device of the character described, the combination of a key having an enlarged head provided with a wire-receiving notch, and a washer having an elongated opening adapted to be passed over said head and engaged thereunder to lock the wire in said notch.

3. In a fence wire fastener, the combination of a key, and a washer adapted to be detachably connected to the key, locking the wire therebetween, said washer being arranged in a plane at substantially-right angles to the length of the key.

4. In a fence wire fastener, the combination of a key having an enlarged head provided with a notch and adapted to be embedded in the fence post, and a washer having an elongated opening adapting it to be passed over said head and engaged thereunder to lock the wire in said notch.

5. A fastener for fence wires, comprising a key having an enlarged head provided with a V-shaped notch, the shank of said key being bifurcated to provide a plurality of
5 fingers which are oppositely bent, and a washer adapted to pass over said head and engage thereunder to lock the fence wire in the notch of the key.

6. In a fence wire fastener, a sheet metal
10 key having an enlarged notched head and provided with a shank having oppositely bent fingers.

7. In a fence wire fastener, a washer hav-
15 ing an elongated opening and provided with oppositely-arranged inclined faces adjacent to the elongated portions of said opening.

8. In a device of the character described,

a key having an enlarged head provided with a wire-receiving notch, and a washer having an elongated opening with oppositely-
20 arranged inclined faces adjacent to the elongated portions of said opening, said washer being adapted to be passed over said head and the inclined faces brought to bear under the head, whereby the wire is forced into the
25 notch of the key.

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

WILLIAM HARRISON SULLIVAN.

Witnesses:

THOMAS McDONALD,
HENRY J. BROOM.