G. WASHINGTON.

NAIL STAPLE FOR BARBED WIRE.

APPLICATION FILED NOV. 5, 1920.

1,389,540.

Patented Aug. 30, 1921.

FIG. 1.

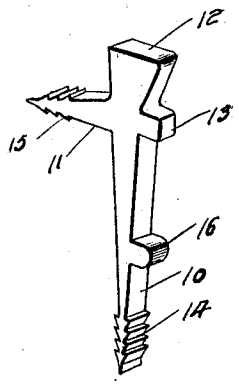


FIG. 2.

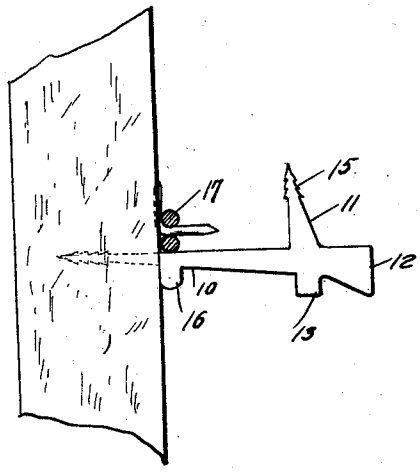


FIG. 3.

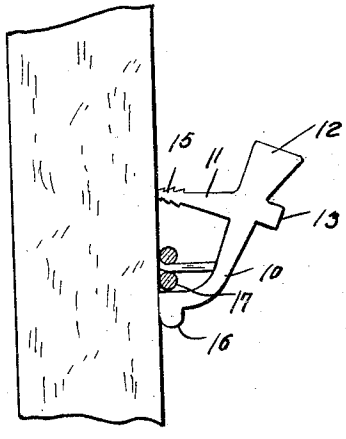
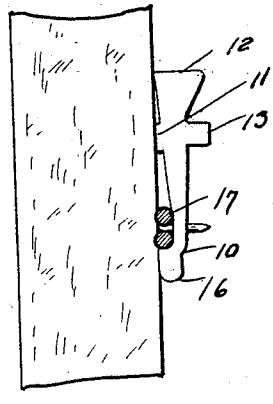


FIG. 4.



Inventor

G. Washington.

By [signature] Attorney

UNITED STATES PATENT OFFICE.

GEORGE WASHINGTON, OF ANDERSON, TEXAS, ASSIGNOR OF ONE-FOURTH TO LYMUS SMITH, OF ANDERSON, TEXAS.

NAIL-STAPLE FOR BARBED WIRE.

1,389,540. Specification of Letters Patent. Patented Aug. 30, 1921.

Application filed November 5, 1920. Serial No. 422,022.

To all whom it may concern:

Be it known that I, GEORGE WASHINGTON, a citizen of the United States, residing at Anderson, in the county of Grimes and State of Texas, have invented certain new and useful Improvements in Nail-Staples for Barbed Wire; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of the invention is to provide a simple and efficient fence wire fastener or staple, suitable however for use in securing binding or tie wires upon boxes or bales but particularly designed for use in connection with fence wires as a means not only of securing the same to the post but of supporting the wire during the stretching thereof or the building of the fence, so as to minimize the necessity for assistance in this operation and enable a single workman to position and finally secure the runners or wires under conditions serving to economize time and labor and insure a satisfactory result; and with these objects in view, the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the drawing, wherein:

Figure 1 is a view showing the use of fasteners constructed in accordance with the invention in securing fence wires to a post.

Fig. 2 is a view showing the initial or first step in applying the fastener to the post for the purpose of supporting the wires or runners during the stretching thereof.

Fig. 3 is a view showing the fastener bent or deflected after the runner or wire has been positioned, preparatory to driving the supplemental or auxiliary shank or stem into the post.

Fig. 4 is a detail view of the fastener or staple in its final condition.

The fastener consists essentially of a plurality of wood penetrating shanks 10 and 11, the auxiliary or shorter shank 11 being disposed at an angle, approximately a right angle, to the main shank 10 and both being pointed or terminally reduced to facilitate driving into the material of the post. At their larger or joined ends, remote from their free or pointed ends, these shanks or stems are provided, respectively in alinement therewith, with impact surfaces or heads 12 and 13, and the pointed or post engaging extremities of said shanks or stems are preferably bearded or barbed as shown respectively at 14 and 15 to provide against accidental loosening or withdrawal of the fastener after it has been driven to place.

Furthermore the main shank or stem 10, which is pliable and is adapted to be bent as shown in Fig. 3 after the wire has been stretched, is provided with a lateral projection 16 forming a stop to limit the penetration of the main shank or stem, and this stop, in the form of the invention illustrated in the drawing, projects from the shank on the same side thereof as the driving or impact head 13 above described, or on the opposite side from the auxiliary shank or stem 11, so that after the fastener has been driven to place to secure the fence wire, which is indicated at 17, a blow of the hammer may be struck upon said projection 16 to still further and more effectively seat the pointed or penetrating end of the main shank or stem, inasmuch as the bending of the said shank or stem serves to dispose said projection or stop 16 substantially in alinement with the portion of the shank which has driven into the post, so that said projection 16 constitutes an impact surface or head in alinement with the deflected, post engaging portion of the main shank or stem.

In operation the fastener is first driven into the post with the main shank or stem substantially perpendicular to the surface of the post as indicated in Fig. 2, and in this position the device forms a support or rest for the fence wire which may be stretched thereover in running the line of the fence, and when the wire has been properly stretched, the shank may be bent as indicated in Fig. 3 to dispose the auxiliary shank or stem in substantial perpendicularity to the surface of the post whereupon a succession of blows of a hammer or like tool upon the impact head 13 will drive the said auxiliary shank into the post so that the fastener will occupy the position indicated in Fig. 4 and thus clamp the fence wire securely in place and retain the tension thereof.

Having thus described the invention, what I claim is:—

1. A fastener of the character specified, comprising main and auxiliary members in

the same plane, each member comprising a point and an impact head, the two members intersecting, whereby to throw the impact heads of each member wholly beyond the other member.

2. A fastener of the character specified, comprising main and auxiliary members in the same plane, each member comprising a point and an impact head, the two members intersecting near their headed ends, the main member having its pointed end of greater length than the pointed end of the auxiliary member and provided intermediate its length with a lateral offset forming a stop and impact element.

3. A wire fastener consisting of wood penetrating shanks disposed in substantially right angular relation, and provided adjacent to their intersection and respectively in alinement therewith with impact heads.

4. A wire fastener consisting of wood penetrating shanks disposed in substantially right angular relation, one of them being pliable, and provided with a mid-length stop.

5. A fence wire fastener consisting of wood penetrating shanks disposed in substantially right angular relation and respectively provided with alined impact heads, one of said shanks being provided at an intermediate portion of its length with a lateral projection disposed at the opposite side from the other shank to serve as a stop to limit the penetration of the first named shank and as an impact head to seat the post engaging portion thereof.

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

GEORGE WASHINGTON.

Witnesses:
W. W. SMITH,
WASHINGTON CHAMBERS.