

C. TERVO,
WIRE STAPLE.
APPLICATION FILED JULY 22, 1916.

1,241,054.

Patented Sept. 25, 1917

Fig. 1.

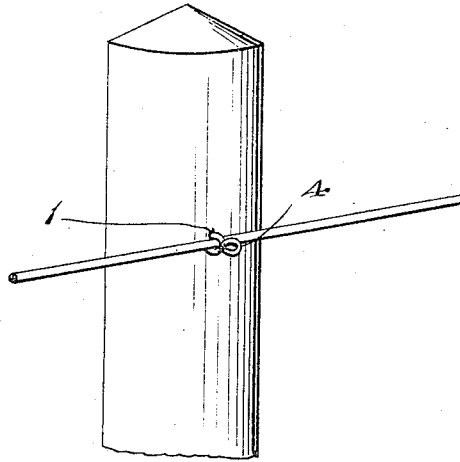


Fig. 2.

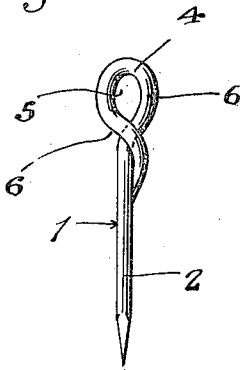
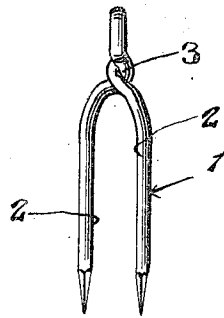


Fig. 3.



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WIRE STAPLE.

1,241,054.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLEY TERVO, a citizen of the United States, residing at Mack, in the county of Itasca and State of Minnesota, have invented certain new and useful Improvements in Wire Staples; 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.

This invention relates to new and useful improvements in a wire staple and one of its objects is the provision of a device of this character, which shall be simple, durable and efficient, and which may be manufactured and sold at a comparatively low cost.

Another object of this invention is to provide a single length of wire being bent first into U-shape to provide a pair of legs and then having the connecting portions of said legs twisted to provide a head which is in the formation of an eye.

A further object of this invention is to provide the head located in a plane at right angles to the plane of the legs and projecting beyond the plane of the legs to provide shoulders by means of which the staple may be removed by a claw, by allowing the claw of the hammer to engage the shoulders.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts as will be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a perspective view of a wire staple, constructed in accordance with my invention, and illustrating the application of it to a fence post,

Fig. 2 is a view in edge elevation of the same, and

Fig. 3 is a view in side elevation of the same.

Referring in detail to the drawing, the numeral 1 indicates as an entirety a staple constructed from a single length of wire being first bent into U-shape formation to pro-

vide a pair of legs 2 and then having the connecting portions of the legs twisted as illustrated at 3 to form a head 4 having an eyelet 5. The head is located in a plane at right angles to the plane of the legs and projects beyond the plane of the legs to provide shoulders 6 by means of which the staple may be removed by a claw hammer.

In operation, by gripping the head between the index finger and thumb, the legs will be properly positioned to straddle a strand of wire upon a fence post as illustrated in Fig. 1, whereby the staple may be readily driven into the post. To withdraw the staple from the post, the claws of a hammer are so positioned that they will engage the shoulders whereby the staple may be withdrawn without the use of tools especially adapted for pulling staples and without the danger of cutting the wire or post and bending the staple.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

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

1. A staple comprising a pair of legs, and a head located in a plane at right angles to the plane of the legs, said head projecting beyond the plane of the legs to provide shoulders by means of which the staple may be removed by a claw hammer, and said staple being formed from a single length of wire bent first into U-shape to provide said legs, and then having the connecting portions of said legs twisted to provide said head.

2. A staple formed from a single wire strand bent to provide a central eye therein, spaced parallel shanks, and a twisted stem portion connecting the shanks to said eye, said eye being disposed at right angles to the plane of the shanks.

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

CHARLEY TERVO.

Witnesses:

OWEN E. MEEHAN,
AGNES E. SWEUM.