Dec. 25, 1923. 1,478,932

T. H. WETZ ET AL

STAPLE

Filed July 31, 1922

Fig. 1.

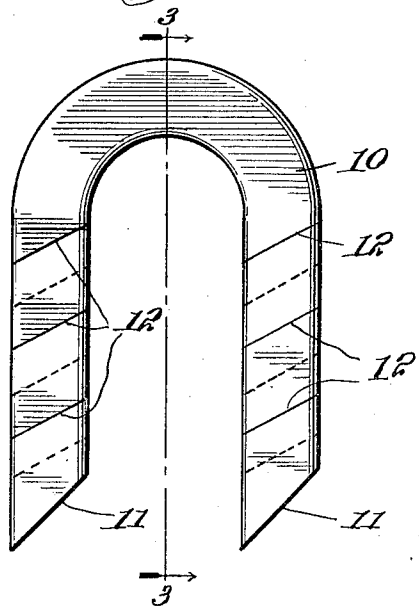


Fig. 2.

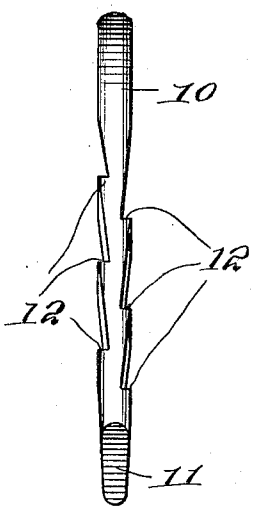


Fig. 4.

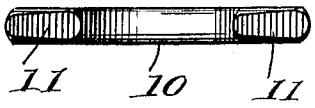


Fig. 3.

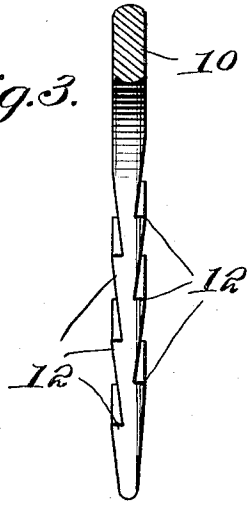
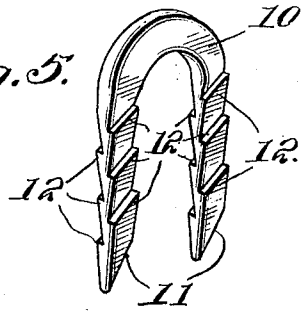


Fig. 5.



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UNITED STATES PATENT OFFICE.

TONY H. WETZ, OF HAZELTON, KANSAS, AND ALVA A. EVANS, OF ELDORADO, OKLAHOMA.

STAPLE.

Application filed July 31, 1922. Serial No. 578,816.

To all whom it may concern:

Be it known that we, TONY H. WETZ and ALVA A. EVANS, citizens of the United States, residing at Hazelton and Eldorado, respectively, in the counties of Barber and Jackson, respectively, and States of Kansas and Oklahoma, respectively, have invented new and useful Improvements in Staples, of which the following is a specification.

This invention relates to improvements in staples and has for an object the provision of a staple which is especially adapted for securing wires to fence posts and the like in a secure and durable manner and without danger of splitting the post.

To this end, the staple is provided with a novel arrangement of penetrating points and retaining teeth, the former facilitating the insertion of the staple and being arranged so as to prevent splitting, while the teeth are so disposed with respect to the points as to easily follow the same when driven inward, but will resist any tendency to move in an opposite direction.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claim.

In the drawings:—

Figure 1 is an elevation of a staple constructed in accordance with the invention.

Figure 2 is an edge view of the same.

Figure 3 is a section on the line 3—3 of Figure 1.

Figure 4 is a transverse sectional view.

Figure 5 is a detail perspective view of the staple.

Referring in detail to the drawings, wherein like characters of reference denote corresponding parts, the reference character 10 indicates a staple which is made of flat material and has its ends beveled as shown at 11 to provide chisel-shaped penetrating points which incline in the same direction.

In addition to the chisel-shaped penetrating points, each leg of the staple is provided upon its opposite flat faces with inclined teeth 12, the inclined edges of which extend in the same general direction as the beveled surfaces 11 of the penetrating points, though preferably not parallel with this bevel. The teeth 12 upon the opposite flat faces of the staple are staggered, as clearly shown in Figures 2, 3 and 5 and are disposed at an angle of substantially ninety degrees with respect to the penetrating points. The staple may thus be easily driven into a post or other object without danger of splitting the same, but any tendency to outward movement will be resisted.

The invention is susceptible of various changes in its form, proportions and minor details of construction and the right is herein reserved to make such changes as properly fall within the scope of the appended claim.

Having described the invention what is claimed is:—

A staple having transverse shoulders upon its opposite faces disposed in staggered relation upon opposite sides and extended at an oblique angle with respect to the horizontal, the ends of the staple being bevelled and substantially parallel to the transverse shoulders.

In testimony whereof we affix our signatures.

TONY H. WETZ.
ALVA A. EVANS.