

Aug. 31, 1926.

1,598,026

H. H. THOMPSON

STAPLE

Filed Oct. 16, 1924

FIG. 1.

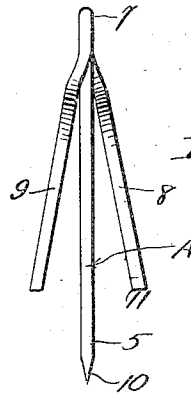
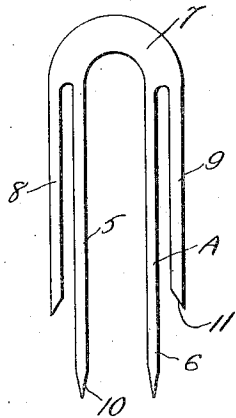


FIG. 4.

FIG. 3.

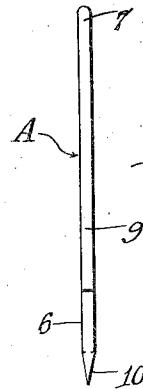
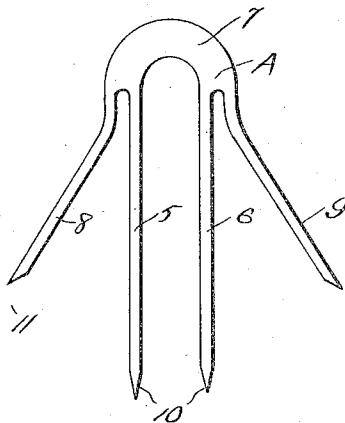


Fig. 2.

Witnesses:

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STAPLE.

Application filed October 16, 1924. Serial No. 744,033.

This invention appertains to fastening elements and more particularly to a novel staple which is particularly adapted for use with fence wire and the like.

5 The primary object of the present invention is to provide a novel staple which will be firmly anchored in place and held against working loose by ordinary strains placed thereon.

10 A further object of the invention is to provide a staple embodying the usual connecting head and spaced parallel penetrating prongs, the head carrying bendable legs which are adapted to spread relative to the prongs when the staple is being driven in place, whereby the staple will be effectively prevented from working loose.

15 A further object of the invention is to provide a novel staple of the above character, which will be durable and efficient in use, one that will be simple and easy to manufacture and one which can be placed upon the market at a small cost.

20 With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts as will be hereinafter more specifically described, claimed and illustrated in the accompanying drawings, in which drawings:—

25 Figure 1 is a front elevation of the improved staple.

Figure 2 is an edge elevation of the same,

30 Figure 3 is a front elevation of the staple showing the position of the bendable legs after the staple has been driven in place,

35 Figure 4 illustrates a manner in which the legs of the staple may be bent, if desired, before driving the same into place.

40 Referring to the drawings in detail, wherein similar reference characters designate corresponding parts throughout the several views the letter A generally indicates the improved staple which comprises the usual spaced parallel penetrating prongs 5 and 6 and the arcuate connecting head 7. As clearly shown in the drawing the arcuate connecting head 7 is of a greater width than the width of the legs 5 and 6 and the head 7 on each side of the prongs 5 and 6 has formed thereon depending bendable legs 8 and 9. These legs are normally arranged in

spaced parallel relation to the prongs 5 and 6 and terminate short of the lower ends thereof. The lower ends of the penetrating prongs 5 and 6 are provided with penetrating points 10 and the bendable legs 8 and 9 are also provided with penetrating points 11. Now it is to be noted that the bendable legs 8 and 9 are arranged in spaced relation to the prongs 5 and 6 which permits the fibres of the wood in which the staple is driven to enter for a purpose which will be now described.

In use of the improved staple the same is driven in the work in the usual way and the fibres of the wood will enter between the prongs 5 and 6 and the legs 8 and 9 which will force the legs 8 and 9 outward in diverging relation relative to the prongs 5 and 6 and these legs will assume the position shown in Figure 3 of the drawing.

It is obvious that the staple will be firmly anchored in place and that the working loose thereof is absolutely precluded.

In Figure 4 of the drawing is shown a manner in which the legs of the staple may be bent prior to driving it into place, if desired, and it will be noted that the legs 8 and 9 are bent transversely to extend in diverging relation to each other at opposite sides of the prongs 5 and 6.

Changes as to details may be made without departing from the spirit or the scope of this invention, but:—

What I claim as new is:—

A staple for the purpose specified comprising a pair of spaced parallel prongs provided with penetrating points, an arcuate head connecting the outer ends of the prongs together, said head being of a greater width than the width of the prongs, and depending bendable legs formed on the head arranged in spaced parallel relation to the prongs, said legs being provided with penetrating points at their lower ends and terminating short of the lower ends of the prongs, said legs being constructed to bend outwardly relative to the prongs when the staple is driven into the work.

In testimony whereof I affix my signature.

HARRY H. THOMPSON.