

(No Model.)

E. DENIS.
STAPLE.

No. 563,913.

Patented July 14, 1896.

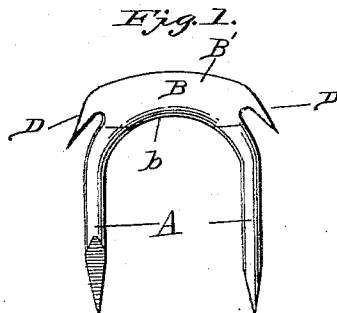
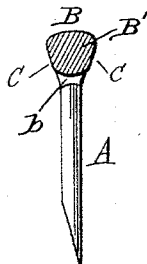


Fig. 2.



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UNITED STATES PATENT OFFICE,

EDWARD DENIS, OF GREEN BAY, WISCONSIN.

STAPLE.

SPECIFICATION forming part of Letters Patent No. 563,913, dated July 14, 1896.

Application filed December 13, 1895. Serial No. 572,036. (No model.)

To all whom it may concern:

Be it known that I, EDWARD DENIS, a citizen of the United States, residing at Green Bay, in the county of Brown and State of Wisconsin, have invented certain new and useful Improvements in 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 certain new and useful improvements in staples, designed specially for use in connection with wire fences.

It has for its objects, among others, to provide a simple form of staple, having a head of such form that the staple may be readily pulled from the post when desired and which also may be readily driven. The head is so formed that a hammer or nail-puller once applied will readily draw the same from the post.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a side elevation of my improved staple. Fig. 2 is a section through the head.

Like letters of reference indicate like parts throughout both views.

Referring now to the details of the drawings by letter, A designates the legs of the staple, projecting from the head B. This head is rounded upon its under face, as seen at b, and its upper face has an extended surface

B' to receive the blow in driving, and the opposite ends thereof are beveled toward the ends of the head and slightly undercut, as seen at C, to receive the jaws of the hammer or nail-puller. The under face of the head is concaved, as shown, and the opposite portions thereof may be sharpened, as seen at D, to be embedded in the post when the staple is driven and thus more securely hold the same in position.

Among the advantages attained by the hereinbefore-described construction of staple may be mentioned that it will not cut the wire, as is the case with ordinary ones, owing to the fact that mine is made much wider at the head. It will also be observed that by using my staple, should the wire on the fences get slack, all that is necessary to do is to take any ordinary hammer or wire-puller inserted at the end of the staple and draw out the staple about one-half way, or just enough so that the wire can be stretched, and after this is done all that is necessary to do is to drive back the staple, as will be readily understood.

What I claim as new is—

A staple, having a head, provided with an extended outer surface, tapered toward opposite ends and the tapered portion undercut, the head being concaved on its under side, with the end portions sharpened, substantially as and for the purposes specified.

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

EDWARD DENIS.

Witnesses:

WM. HOOD,

L. A. CALKINS.