

H. S. SMYTHE.
NAILS FOR WIRE-FENCES.

No. 171,184.

Patented Dec. 14, 1875.

Fig 1.

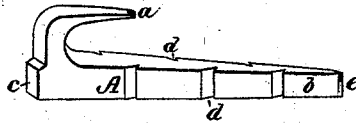
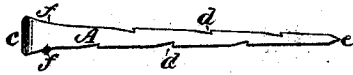


Fig 2



WITNESSES:

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UNITED STATES PATENT OFFICE.

HOMER S. SMYTHE, OF AURORA, ILLINOIS.

IMPROVEMENT IN NAILS FOR WIRE-FENCES.

Specification forming part of Letters Patent No. **171,184**, dated December 14, 1875; application filed May 31, 1875.

To all whom it may concern:

Be it known that I, HOMER S. SMYTHE, of Aurora, in the county of Kane and State of Illinois, have invented a new and Improved Wire-Fence Staple; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a plan view.

This invention relates to certain improvements in staples for wire-fences; and it consists in a staple having a short prong with chisel end, and a long prong, the latter of which terminates at one end in a chisel end, and at the other in a beveled head, and is provided with barbed notches to hold it more securely in place.

In the drawing, A represents the staple having the short prong *a*, which embraces the wire, and the long prong *b*, which is driven into the post to hold the same. The said prong *b* has an elevated head, *c*, which receives the blows of the hammer, and prevents the bending and mashing of the short prong.

This head is beveled or tapered at *f* toward the point of the staple, so as to admit of the easy withdrawal of the staple by a claw-hammer. The shank of the long prong is provided with rearwardly-inclined barbed notches *d*, which engage with the fiber of the wood to hold it secure against accidental withdrawal, and its point *e* is beveled upon both sides to a sharp chisel-edge.

The said chisel-edge, instead of cleaving and splitting the wood, as a point does, cuts the fiber of the same, and when driven in makes a more secure connection.

Having thus described my invention, what I claim as new is—

As a new article of manufacture, a staple for wire-fences, having a short prong, *a*, with chisel end, and a long prong, *b*, which latter is provided with an elevated beveled head, a chisel end, and rearwardly-inclined barbed notches, substantially as and for the purpose described.

HOMER S. SMYTHE.

Witnesses:

F. J. RANDALL,
R. W. GATES.