

(No Model.)

O. P. SCHRIVER.
ROLLER STAPLE.

No. 519,435.

Patented May 8, 1894.

FIG. 1.

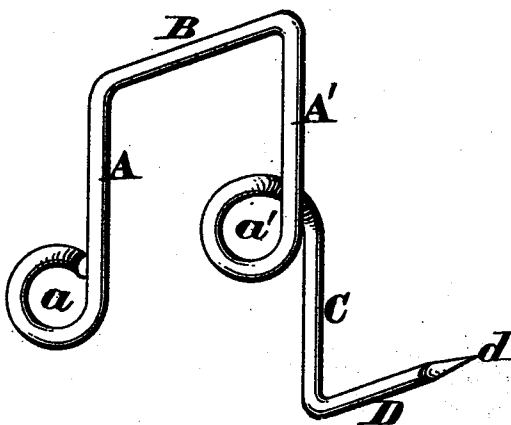
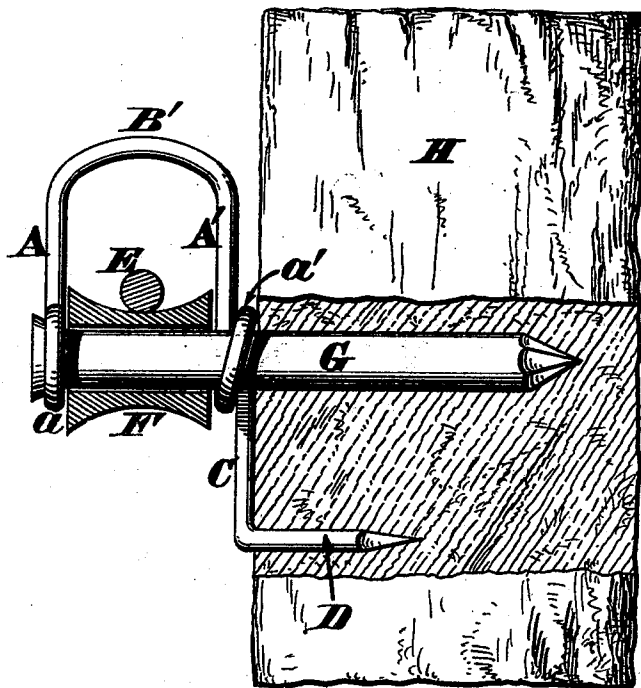


FIG. 2.



Attest.

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ROLLER-STAPLE.

SPECIFICATION forming part of Letters Patent No. 519,435, dated May 8, 1894.

Application filed February 8, 1894. Serial No. 499,496. (No model.)

To all whom it may concern:

Be it known that I, OLIVER P. SCHRIVER, a citizen of the United States, residing at Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Roller-Staples; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the annexed drawings, which form part of this specification.

This invention relates to those staples which have rollers journaled in them, for the purpose of supporting either stringer or barb wires for fences, and my improvement consists in making each staple of a single piece of wire and providing it with a shank and a pair of eyes. This shank is driven directly into the side of a fence-post, and then a nail is passed through said eyes, and also driven into said post, the nail, which is preferably of wire, serving as the journal or bearing for the roller, as hereinafter more fully described.

In the annexed drawings, Figure 1 is a perspective view of my roller-staple. Fig. 2 is an elevation showing said staple attached to a fence-post, the roller being sectioned.

The entire staple is made of a single piece of wire or other light rod and includes an outer bar A, and an inner bar A', which members are joined at top by cross-bar B, as seen in Fig. 1. The outer bar A is so bent at its lower end as to form a circular eye *a*, and the lower end of bar A', is also bent to afford another eye *a'*, the centers of these openings being in line with each other. Furthermore, the inner eye *a'*, develops into an extension C, which latter is in line with the bar A', and after being carried down a sufficient distance, the wire is then bent back at a right angle, thereby forming a driving shank D, the end of which is pointed at *d*.

To use this staple, the proper spaces are first measured off on a fence-post, H and then the pointed shank D *d*, is driven directly into said post, as far as the extension C will permit, no previous boring of holes being necessary. The stringer or barb wire E of the

fence is then reeled off and inserted between the bars A, A', of the staple, after which act, the roller F is also inserted between said bars and its central bore is brought in line with the eyes *a, a'*. A wire nail G is then passed through said eyes and roller and driven into the post, as seen in Fig. 2, which nail not only serves as a secondary attachment for the staple, but answers as the journal bearing for the roller, which latter supports the wire E in the usual manner.

In Fig. 1, the upper bar B is straight and parallel with the shank D, but in Fig. 2, this connecting member takes the shape of an arch B', thereby indicating that the exact form of the staple is immaterial—provided its shank can be driven into a post and its eyes be traversed by a nail upon which a roller is journaled. Again in Fig. 2, the eyes *a, a'*, are coiled in an opposite direction to the eyes seen in Fig. 1. Finally, as the entire staple, including its secondary fastening G, is made of wrought metal, it is evident the device is both light and unusually secure, and can be attached to the hardest fence-posts without any liability of breaking or bending.

I claim as my invention—

1. As a new article of manufacture, a staple composed of side bars A, A', united by a cross bar B, eyes *a, a'*, formed by bending the bars A, A', an extension C proceeding from the eye *a'*, and a shank D projecting laterally from said extension C, all of said parts being made of a single piece of wire or rod for the purpose stated.

2. The combination of staple A *a A' a' B C* D, roller F and fastening G, which latter traverses said roller and the eyes *a, a'*, of said staple, for the purpose described.

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

OLIVER P. SCHRIVER.

Witnesses:

JAMES H. LAYMAN,
SAMUEL M. QUINN.