

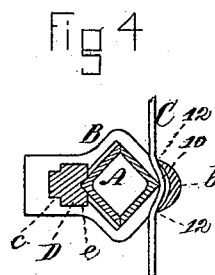
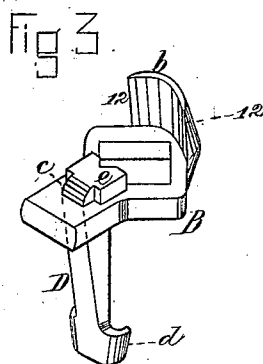
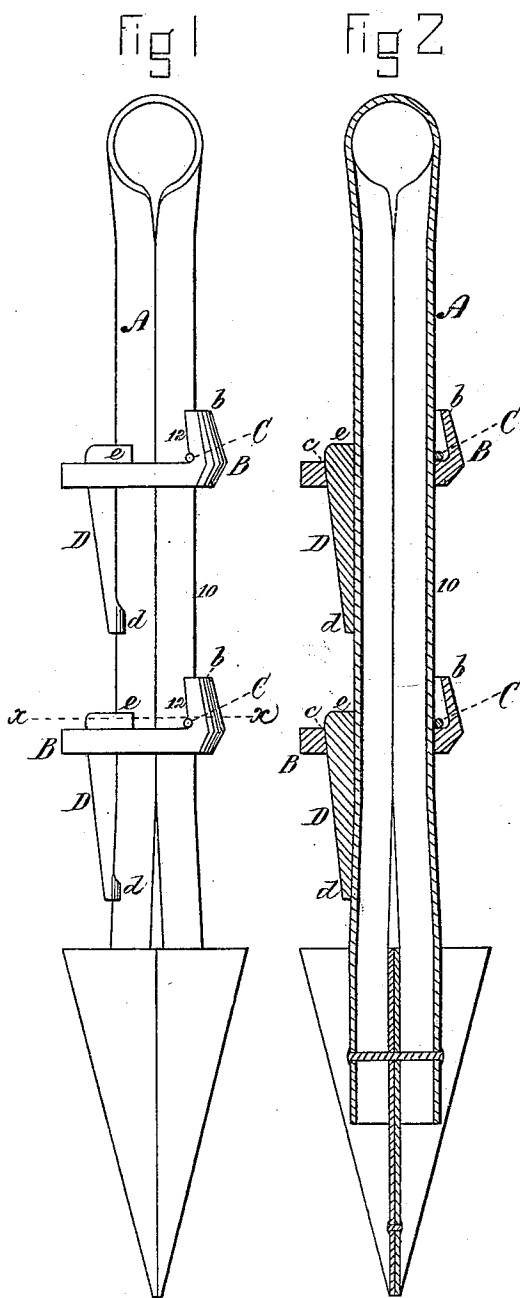
(No Model.)

J. S. FOX.

BARBED WIRE FASTENING FOR IRON FENCE POSTS.

No. 269,845.

Patented Jan. 2, 1883.



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JAMES S. FOX, OF WOODSTOCK, VERMONT.

BARBED-WIRE FASTENING FOR IRON FENCE-POSTS.

SPECIFICATION forming part of Letters Patent No. 269,845, dated January 2, 1883.

Application filed January 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES S. FOX, a citizen of Ontario, Canada, residing at Woodstock, in the county of Windsor and State of Vermont, have invented an Improved Clamping or Fastening Device for Securing Barbed Wire to Iron Fence-Posts, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side elevation of an iron fence-post having my improved clamping or fastening device for securing the wire applied thereto. Fig. 2 is a longitudinal vertical section through the center of the same. Fig. 3 is a perspective view of the clamping or fastening device detached. Fig. 4 is a transverse section on the line *xx* of Fig. 1.

My present invention has for its object to provide a simple, durable, and efficient clamping or fastening device for securing barbed wire to iron fence-posts, which device can be readily adjusted upon the post in any desired position, thus enabling the barbed wires to be easily arranged and secured at any desired distance apart; and my invention consists in the combination of an angular fence-post with a sliding collar provided with a sharp-edged projection, between which and the post the wire is clamped, and a notched or grooved wedge which passes through the collar, and which has a head to catch over the collar and a guide to catch against the post below the collar, as will be more fully described hereinafter.

In the said drawings, A represents a tubular iron fence-post, of rectangular form in cross-section, which is provided at its lower end with a sharp-pointed shoe to facilitate the operation of driving it into the ground.

Upon the post A are loosely fitted a series of metal collars, B, one for each line of barbed wire C intended to be secured thereto. The contour of the interior of each collar B corresponds to that of the post A, upon which it is adapted to slide freely up and down, to admit of its being adjusted in any desired position in accordance with the required distance apart of the lines of barbed wires to be secured to the post.

On the upper side of the collar B, at one end, is a curved projection, *b*, which is placed

opposite to and embraces the corner or angle 10 of the post A, the projection inclining slightly inward from the bottom toward the top, as seen in Fig. 2. At the opposite end of the collar is a square recess, *c*, into which is fitted a wedge, D, which, when loosened or drawn up, allows the collar to be freely moved to its desired position, and also allows the projection *b* to be drawn back sufficiently to afford ample space between it and the post to admit the barbed wire C, which then rests against the corner or angle 10 of the post and the two sharp holding-edges 12 12 of the projection *b*. The wedge D is now driven down between the collar and the post, which not only causes the collar to be firmly secured in place, but draws forward the projection *b*, causing its holding-edges 12 12 to bend the wire C over the corner or edge 10 of the post, as seen in Fig. 4, this bending of the wire at an angle over two sharp edges, 12 12, and around a third bearing point or edge, 10, arranged between the two, causing it to be securely clamped or fastened in place in such manner that it will successfully resist any strain in the direction of its length to which it would ever be liable to be subjected, thus preventing the annoyance frequently caused by the wire slipping and becoming slack during the operation of stretching it upon the posts.

The wedge D is provided at its lower end with a curved enlargement, *d*, which embraces the corner of the post A, and serves not only as a guide to keep the lower edge of the wedge in place as it is moved up or down, but to prevent the wedge D from being drawn up through the aperture or recess *c* of the collar when the latter is in place upon the post, thus preventing the accidental loss of the wedge, which is also provided at its upper end with another grooved guide, *e*, which fits over the corner or edge of the post A, these two guides *d* *e* serving to steady the wedge in its movements and avoid any possibility of its being laterally displaced or moved out of its proper operating position.

The above-described clamping or fastening device may be employed in connection with metallic fence-posts of any description, either solid or hollow, which will admit of the wire being bent so as to take a bearing upon the

post and the two edges 12 12 of the projection *b* of the collar, the contour of the interior of the collar being made in every case to correspond to the shape of the post in cross-section, to which it is applied.

Any desired number of these clamping devices may be placed upon a post, whereby a series of wires may be readily secured at any desired distance apart, and the necessity of boring holes in the posts, as heretofore, for the reception of the clamps is thus entirely avoided, together with the annoyance and inconvenience so frequently caused by finding the holes in the posts in the wrong positions to admit of the wires being placed at the required distance apart.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of the post A, the col-

lar B, provided with the projection *b*, having the sharp edges 12, with the wedge D, notched or grooved on its inner side, and having the head *e*, to catch over the top of the collar, and the guide *d*, to catch against the side of the post, substantially as shown.

2. In a clamp for securing barbed wire to fence-posts, the combination, with the collar B and fence-post A, of the wedge D, provided with guides *d e*, adapted to fit the edge or corner of the post and keep the wedge in position, substantially as set forth.

Witness my hand this 2d day of January, A. D. 1882.

JAMES S. FOX.

In presence of—

P. E. TESCHEMACHER,
W. J. CAMBRIDGE.