

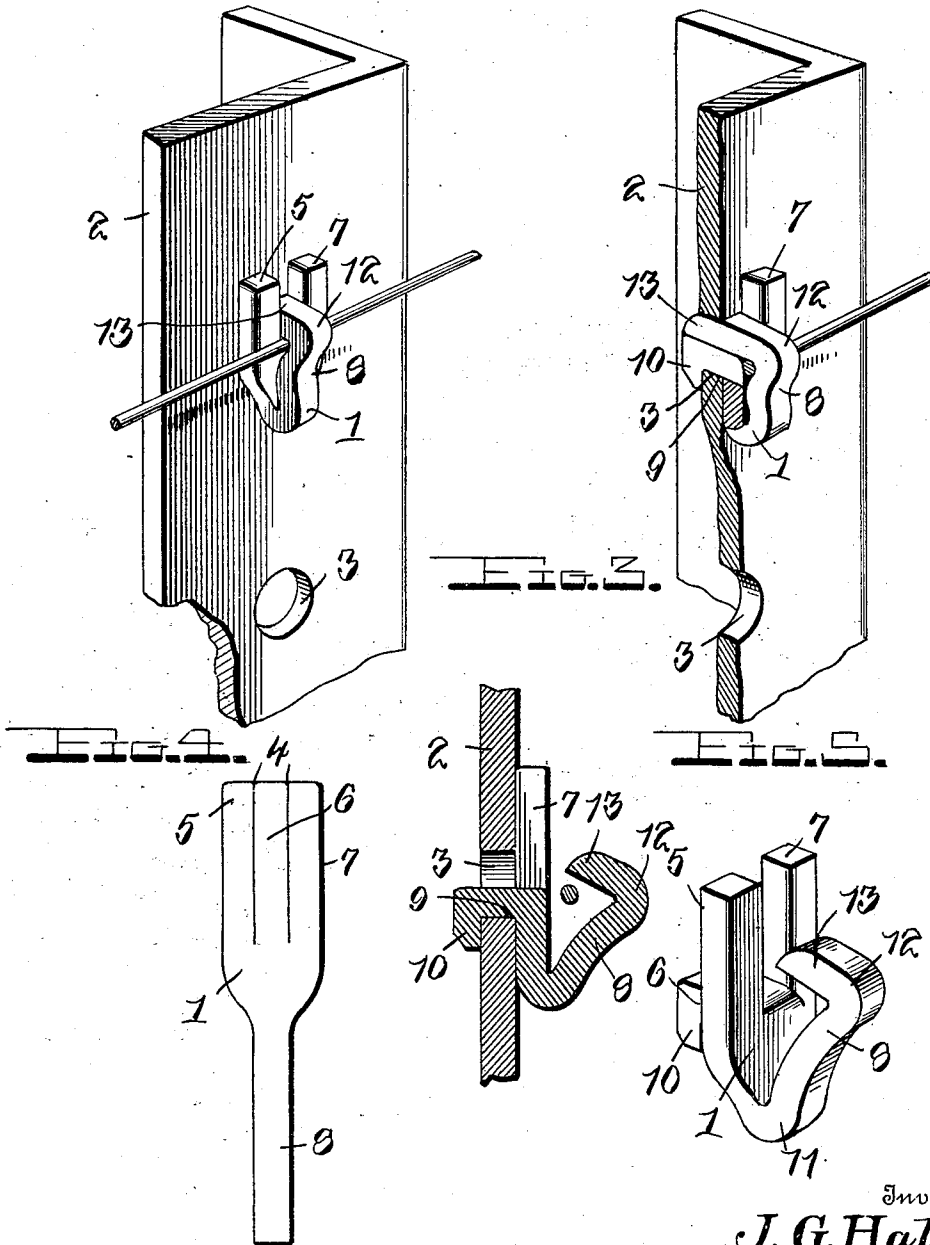
J. G. HALL.
FENCE WIRE FASTENING.
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977,386.

Patented Nov. 29, 1910.

Fig. 1.

Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN G. HALL, OF ST. LOUIS, MISSOURI.

FENCE-WIRE FASTENING.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN G. HALL, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Fence-Wire Fastenings, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in devices for fastening wires to fence posts or analogous objects.

The object of the invention is to provide a simple and inexpensive wire fastening device which may be quickly and easily applied to a post to securely fasten a fence wire or the like thereto.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing one of my improved wire fasteners applied to an angle metal post; Fig. 2 is a sectional perspective of the same; Fig. 3 is a detail sectional view showing the fastening device applied to the post but in its open position ready to receive the fence wire; Fig. 4 is a plan view of a blank from which the fastener is made; and Fig. 5 is a perspective view of the fastener ready for use.

In the drawings 1 denotes my improved wire fastener which may be applied to fence posts or other objects of various forms and constructions but which is here shown applied to a metal post 2 of angular shape in cross section. This post or other object 2 is formed with openings 3 which receive the fastenings 1 and it will be understood that said openings 3 may be arranged at any distance apart so that any number of wires may be fastened to the post and at different distances.

My improved fastener 1 may be constructed of wire or heavy sheet metal but I preferably make it from a single piece of metal sheet or malleable metal by first making a blank in the form shown in Fig. 4. This blank, it will be noted, has an enlarged end formed with parallel longitudinal slits 4 which divide it into three tongues 5, 6, 7 while the opposite end of the blank is re-

duced in width to form a single tongue 8 arranged opposite and in alinement with the intermediate tongue 6. Said tongue 6 is bent at right angles to the central or body portion of the fastener, as shown at 9, and its extremity is again bent at right angles, as shown at 10, whereby said tongue 6 is hook-shaped and may be passed through one of the openings 3 in the fence post and arranged to have its end engage one side face of the post while the body portion of the fastener engages the opposite side of the same. The tongue 8 is bent upon itself at 11 or at an angle to the body portion of the fastener and it is again bent at a point intermediate its ends, as shown at 12, to provide an angular or hook-shaped portion adapted to receive the fence wire. The extremity of the hook-shaped portion of the arm or tongue 8 is beveled, as shown at 13, and is adapted to be driven through the opening 3 in the post to retain the fastener on the post and to retain the wire in the fastener. The relative size of the opening 3 and the two tongues 6, 8 is such that when the end of the tongue 8 is driven into the opening, the two tongues will fill the opening 3 and the hook-shaped portion or extremity of the arm 6 will be effectively locked in position and at the same time the angular portion of the arm 8 will effectively clamp the fence wire against the flat central or body portion of the fastener, as will be understood on reference to Fig. 2.

In using the invention, when it is desired to fasten a wire to a post, one of the fasteners, shaped as shown in Fig. 5, has its hooked tongue or arm 6 inserted in one of the openings 3 and engaged with the post as shown in Fig. 3 and after the wire has been placed in the angular arm or tongue 8 the latter is driven inwardly so that its beveled end 13 enters the opening 3 to lock the arm or tongue 6 and clamp the wire. It will thus be seen that the device may be quickly and easily applied and will securely and effectively fasten the wire; that it will be strong and durable, and that it may be produced at an exceedingly small cost.

While I have shown and described in detail the preferred embodiment of my invention, it will be understood that I do not wish to be limited to the precise construction set

forth since various changes in the form, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

What is claimed is:

1. A wire fastener having a body provided with a hook-shaped arm adapted to enter an opening in an object, and a wire clamping arm upon the body adapted to be driven into said opening in the object to retain the hook-shaped arm therein.

2. A wire fastener formed from a flat metal blank having an enlarged end formed with slits to provide two outer tongues and an intermediate tongue, the latter being bent to form a hook-shaped arm adapted to be inserted in an opening in an object, the other end of said body being reduced to form a single tongue which is bent at an angle to the body for engagement with a wire and which is adapted to have its extremity driven into the opening in the ob-

ject to retain said hook-shaped tongue therein.

3. The combination with a fence post body having an opening and a fence wire to extend across the post, of a fastener having a body portion to rest against one side of the post and provided with a hook-shaped arm to extend through said opening in the post body and have the extremity of the hook engage the opposite side face of the post and a wire clamping arm provided on the body of the fastener and bent at an angle thereto adapted to clamp said wire against the fastener and to have its extremity driven into said opening in the post body to retain said hook-shaped arm in position.

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

JOHN G. HALL.

Witnesses:

HARRY H. BRYAN,
SAML. TAYLOR.