

(No Model.)

V. E. WILDER.
FENCE.

No. 422,675.

Patented Mar. 4, 1890.

FIG. 1.

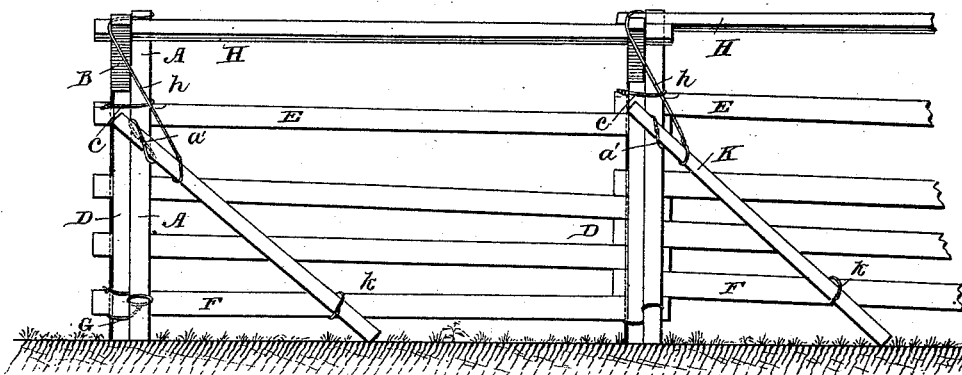


FIG. 2.

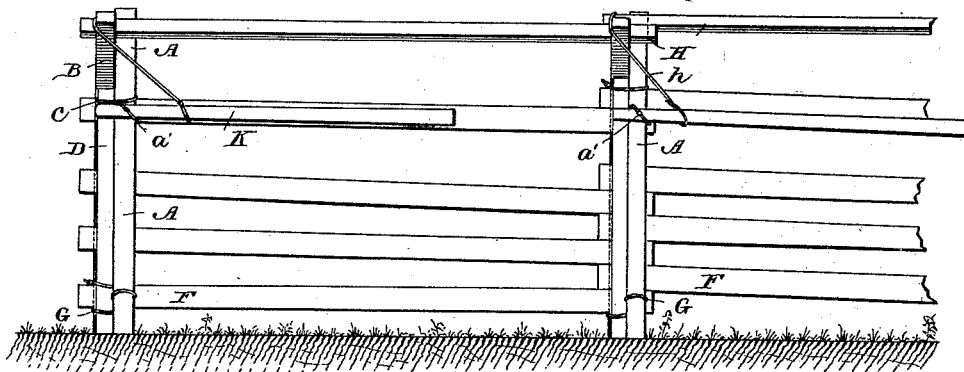
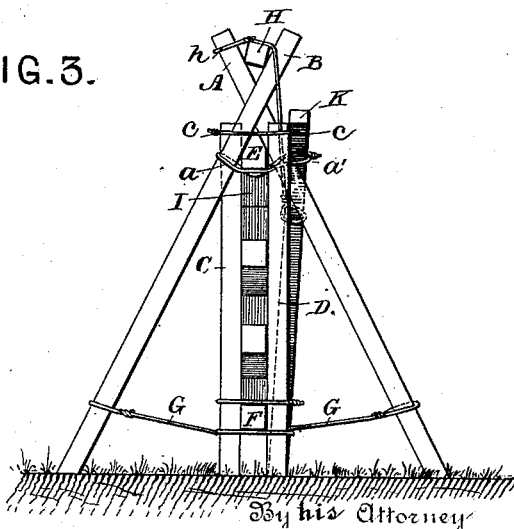


FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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FENCE.

SPECIFICATION forming part of Letters Patent No. 422,675, dated March 4, 1890.

Application filed September 10, 1889. Serial No. 323,547. (No model.)

To all whom it may concern:

Be it known that I, VERNETTE E. WILDER, a citizen of the United States, residing at Wacousta, in the county of Clinton and State of Michigan, have invented certain new and useful Improvements in Fences; 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.

My invention relates to fences, and more particularly to that class in which the rails, stakes, binders, &c., are wired together.

My object is to produce a more cheap and durable fence than has heretofore been in use.

With this end in view my invention consists in the peculiar features and combinations of parts more fully described hereinafter, and pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a side elevation of a completed panel of my improved fence; Fig. 2, a similar view showing the binder in a horizontal position, and Fig. 3 an end elevation.

Reference letters A and B indicate the main stakes of the fence, which are crossed near their tops and secured together below the crossing by a wire or cross-tie *a*. This wire is first passed around the stake B, and then crossed and passed around the stake A and its ends secured together, a loop *a'* being left to receive the end of the binder. The upright posts C D are next placed in position on opposite sides of the fence, the upper end of the post C bearing against the side of the stake B and being securely bound thereto by the wire *c*. The opposite post D is secured in exactly the same manner on the other side of the fence. The top rails E E are inserted between these two posts directly below the crossing of the main stakes, and are supported by the cross-tie *a*. The lower rails of the fence are also confined between these posts, one resting upon the other—*i. e.*, the ends of the rails of one panel fit between the ends of the rails of the next adjoining panel and the bottom rail F—and hence the others are supported by a cross-wire G, which connects the lower ends of the main stakes A B. This wire G is first secured around the

stake B, then brought to the other side of the fence and passed about the post C, back again under the rail F, and then around the post D, back between the posts C D, and secured to the stake A. A block I is introduced between the top rail and the lower rails to prevent the latter from rising. The rider-rails H H are now laid in the crotch of the main stakes and are secured in place by a wire *h*. This wire is secured to the top of stake A, then brought over the top of the rider-rail around behind the stake B, and is then secured to the binder K, which is now in a horizontal position, its outer end having been inserted in the loop *a'* of the cross-tie *a*, as shown in Fig. 2. The inner end of the binder is now forced down until it rests on the ground, when it is bound to the lower rail F of the fence by the wire *k*, and the fence is complete.

It is evident that many slight changes which might suggest themselves to skilled mechanics could be resorted to without departing from the spirit and scope of my invention; hence I do not limit myself to the precise construction herein shown.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a fence, the combination of crossed main stakes, a cross-tie connecting said stakes below the crossing, a binder arranged to be inserted in said cross-tie, rider-rails resting in the crotch of said stakes, and a wire secured to one of said stakes, passing over said rider-rails around the opposite stake, and secured to said binder intermediate of its lower end and the cross-tie, said cross-tie acting as a pivot for the upper end of the binder when the same is forced down, whereby both wires will be tightened around the parts which they inclose, substantially as and for the purpose described.

2. In a fence, the combination of a pair of crossed main stakes, a cross-wire connecting said stakes and supporting the top rails of the fence, a binder arranged to be inserted in said cross-wire, upright posts situated on opposite sides of the fence and secured to the main stakes, respectively, at their upper ends, fence-rails confined between said posts, a cross-wire supporting said rails, said wire

being secured to one of said stakes, passed
around the lower ends of said posts, and then
secured to the opposite stake, rider-rails rest-
ing in the crotch of the main stakes, and a
5 wire secured to the top of one stake, passing
over the rider-rails, and behind the other
stake, and then being secured to the binder,
said binder being arranged to be forced down
from a horizontal position and bound to the

lower rail of the fence, all arranged substan- to
tially as and for the purpose described.

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

VERNETTE E. WILDER.

Witnesses:

CHAS. W. WALDO,

GEO. W. IRISH.