

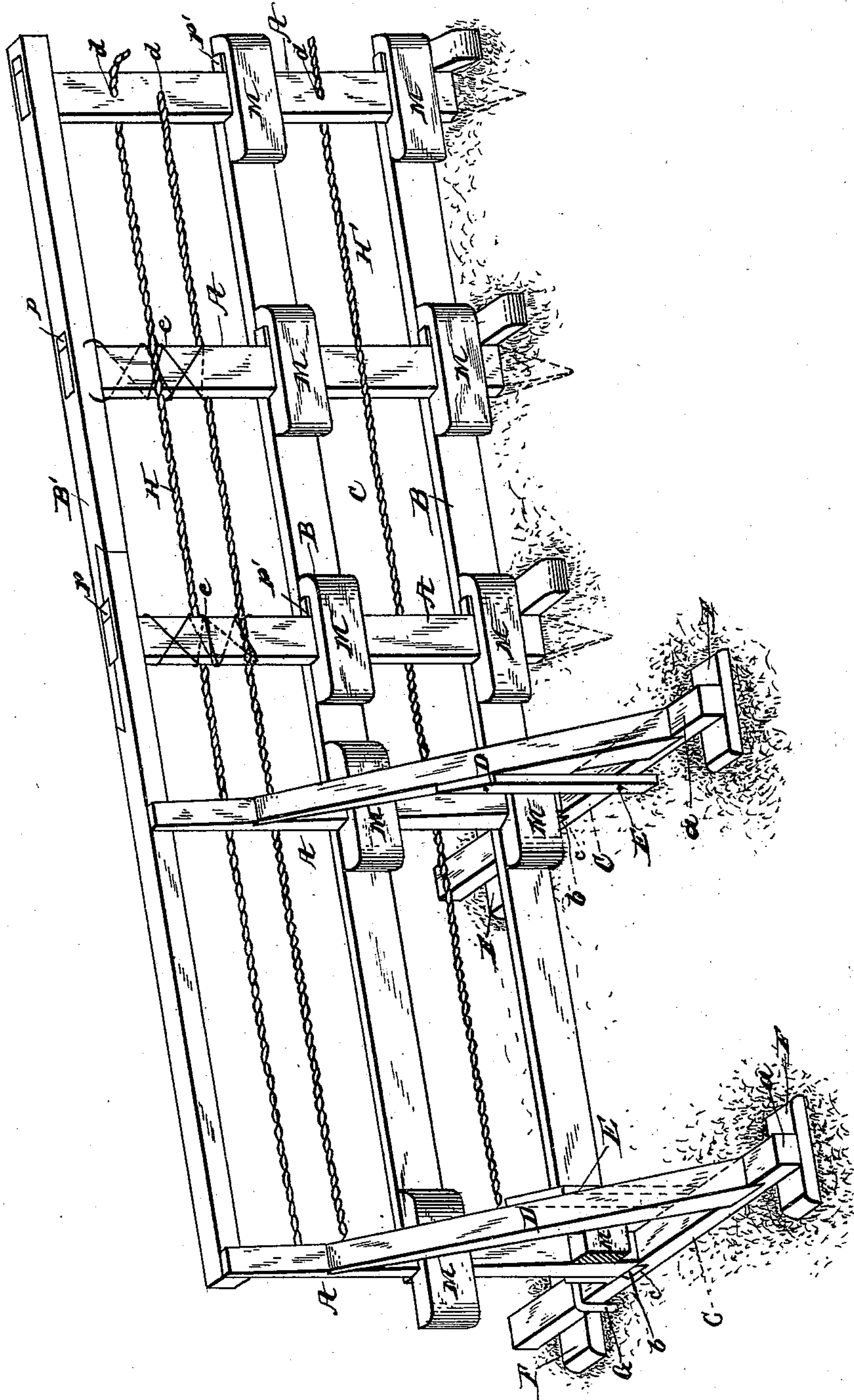
(No Model.)

T. D. WILSON.

FENCE.

No. 370,299.

Patented Sept. 20, 1887.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

THOMAS D. WILSON, OF HOLLY GROVE, ARKANSAS.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 370,299, dated September 20, 1887.

Application filed July 26, 1887. Serial No. 245,349. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS D. WILSON, a citizen of the United States, residing at Holly Grove, in the county of Monroe and State of Arkansas, have invented certain new and useful Improvements in Combined Wire and Rail 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.

This invention relates to combined rail and wire fences; and it has for its object to provide simple and durable means for securely fastening the rails and wires to the posts and the latter to the earth, so that the fences cannot be overturned by the wind or cattle.

It consists of the parts and combinations of parts hereinafter described and claimed.

In the accompanying drawing, forming a part of this specification, is shown a perspective view of my improved fence.

A represents the posts, which are to be driven into or set upon the ground. The three posts on the right-hand side of the view are of iron and driven into the earth at suitable distances apart, while the remaining posts, those on the left-hand side of the view, are of wood and set on sills which rest on rocks on the ground.

It often happens in building a fence that a hard rocky piece of land is reached to set posts in, which is a matter involving great labor, and it is to overcome this that I construct my fence, or that portion of it which is to be built on land of the character above described, on the sills C. (Shown on the left-hand side of the view.) As there shown, the posts A taper from their bottom ends upward, being about two inches less in diameter at the tops than at their bottoms. The lower ends are formed with a dovetail tenon, *b*, which is fitted in a mortise, *c*, formed in the sill C, said mortise being about three feet from one end of the sill and two feet from the other.

At about eighteen inches from the top I let into each of the posts the upper end of a brace,

D, which extends downwardly at an angle on the inside of the fence and has its lower end let into the sill C. I secure the fence to the earth by driving a stake, E, alongside the brace D, and nailing the same to the brace and to the sill.

F F represent blocks of wood, stone, or any other suitable material, on which the ends of the sills rest, thus raising them from contact with the earth and preventing their decaying. As a further security against the fence being overturned, I may drive the metal staples G into the earth over each sill on one side.

The end posts of the fence have a suitable number of perforations, *d*, formed in them for the ends of the wires H, which are passed through the same and knotted or otherwise secured, so as to stand the strain of stretching them. The wire is woven in and out about the intervening posts, and secured thereto by means of wire strands *e*, which are first crossed over the second wire H, and then about the post and crossed over the upper wire, binding the same firmly to the post, when the ends of the wire wrap are passed into openings or perforations in the top rail, B', and clinched or otherwise firmly secured thereto. The wire H', which lies between the bottom rails of the fence, may be bound to the posts, or staples passed over it and into the posts. The top rail, B', is provided with mortises, each having one slanting and one straight end wall, and is large enough to receive the ends of the post, and a key or wedge, *p*, which is driven into the mortise alongside the post to fasten the rail securely thereon. The rails B of the fence are each provided with a block, M, at the point where they meet the posts, having an opening with one straight and one slanting end wall, through which the posts are passed. A wedge or key, *p'*, is driven into the opening alongside the posts to tightly clamp the block and post together, and thus secure the rails in position.

Thus it will be seen that I provide a very durable and simply-constructed fence, the

rails and wires of which are rigidly secured to the posts, so as not to be easily removed.

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

5 Patent, is—

A combined wire and rail fence consisting of the posts A, secured to the earth in any desired manner, the rails B and B', having mortises through which said posts pass, the  
10 wedges or keys *p p'*, the wires H H', and the

wrapping-wires *e*, binding said wires to the posts, substantially as described.

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

THOMAS D. <sup>his</sup> ~~X~~ WILSON.  
mark.

Witnesses:

D. M. DIAL,  
W. C. SWIFT.