(No Model.)

W. H. WHITE.

FENCE CONSTRUCTION.

No. 438,905. Patented Oct. 21, 1890.

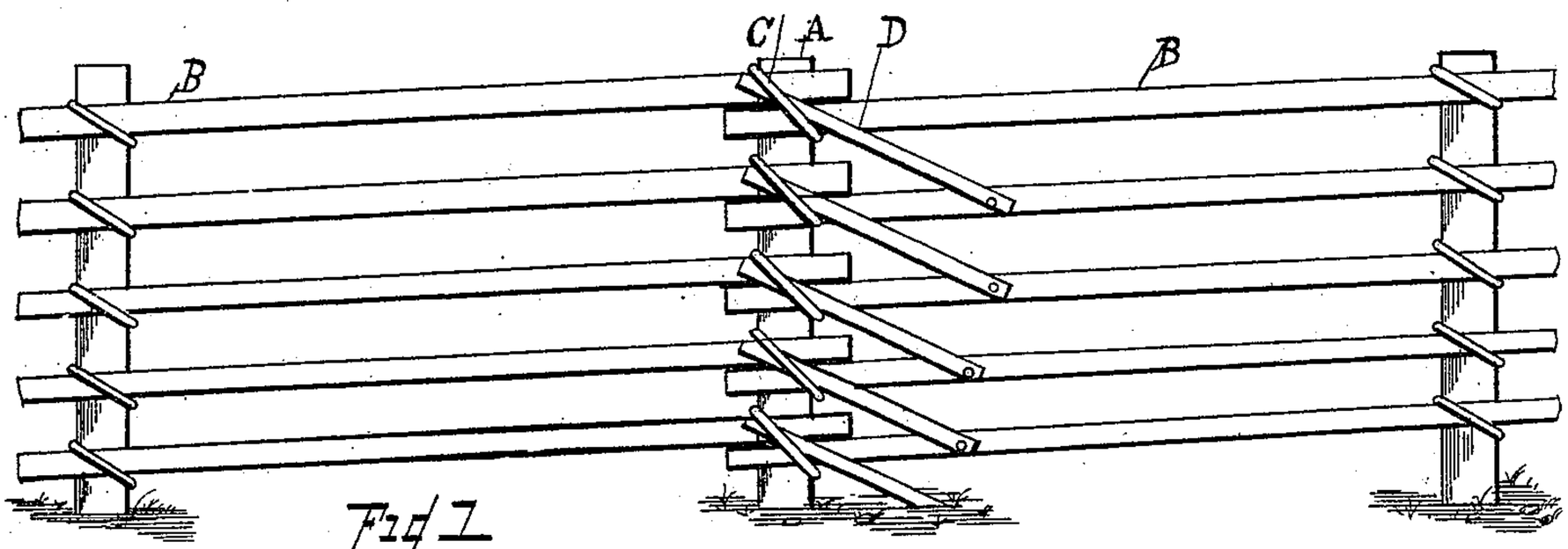

Fig 1

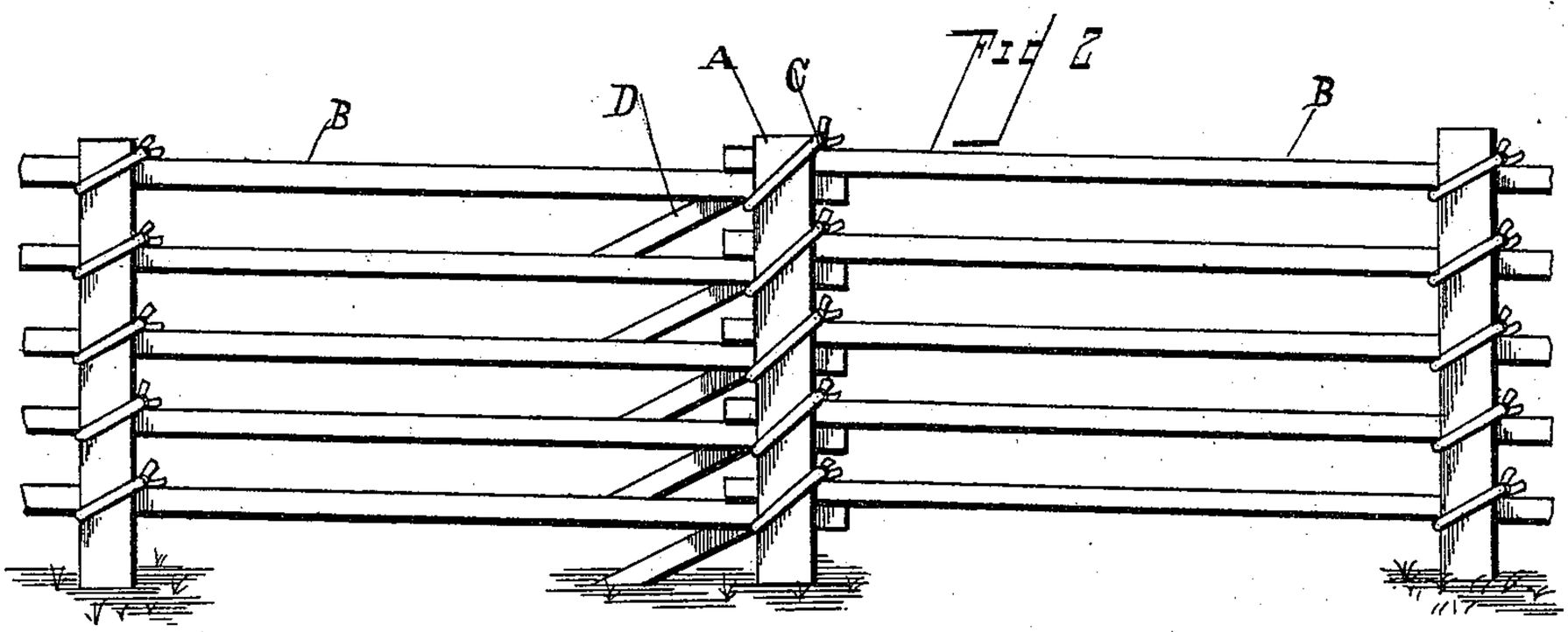

Fig 2

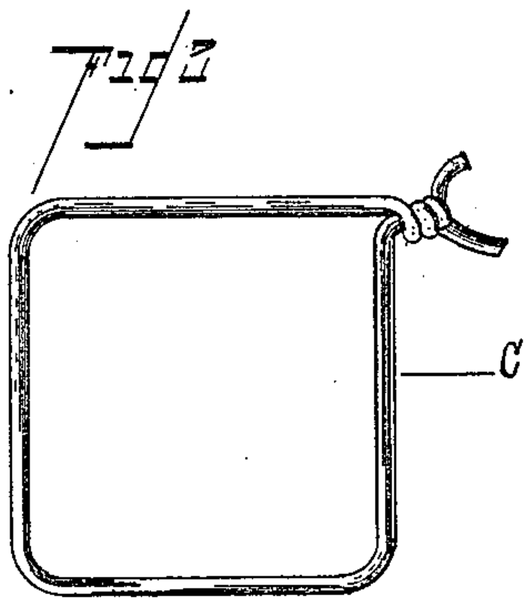

Fig 3

William H. White

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WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM HARRISON WHITE, OF BRIDE, TENNESSEE.

FENCE CONSTRUCTION.

SPECIFICATION forming part of Letters Patent No. 438,905, dated October 21, 1890.

Application filed March 27, 1890. Serial No. 345,513. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HARRISON WHITE, a citizen of the United States, residing at Bride, in the county of Tipton and State of Tennessee, have invented certain new and useful Improvements in Fence Construction; 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 consists of certain improvements in the formation of fences, producing a fence of easy and cheap construction, as will be hereinafter described and claimed.

Referring to the accompanying drawings, Figures 1 and 2 show reverse sides of my fence complete. Fig. 3 is a detail view showing more clearly the shape of one of the wire loops.

The same letters of reference indicate corresponding parts in all the views.

Referring to the several parts by letter, A indicates the vertical posts, the lower ends of which are set in the ground to any preferred depth.

B B indicate the rails, which are arranged in pairs, as shown, with their ends overlapping at the posts. The ends of each pair of rails are firmly secured in position to the posts by a wire loop C, which is passed diagonally around the overlapping ends of a pair of rails and around the posts, the ends of the wire loop being then firmly and tightly twisted together. Before the loops are tightened the upper ends of short space-bars D are slipped under them, and the wire loops are then thoroughly tightened. The outer ends of the brace-bars D are then pressed down, thus still further tightening the wire loops until they reach the rail next below, to which they are secured, as clearly shown. It will be seen that by this arrangement the ends of the rails will be very firmly and securely bound to the posts, while the space-bars D, besides serving to tighten the wire loops, will always hold the rails at exactly the same distance apart.

From the foregoing description, taken in connection with the accompanying drawings, the construction of my new and improved fence will be readily understood. It will be seen that as the rails are fastened in pairs, in case one of the rails should become broken it is only necessary to untwist the wire loops and replace such broken or otherwise useless rails with a new one without disturbing the remainder of the fence. The plain single loop or wire, passing only once around the ends of the rails and the post, secures the rails firmly, and will always hold them in position with the greatest economy of wire used, while the fence can be repaired at a minimum expense of time and labor.

Believing that the advantages and construction of my improved fence are obvious, further description is deemed unnecessary.

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

In a fence, the combination, with the vertical posts, of the rails arranged in pairs, as shown, the inclined space-bars, and the wire loops passing around the overlapping ends of each pair of rails, the upper ends of the space-bars, and the posts, and having their ends twisted together, substantially as and for the purpose set forth.

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

WILLIAM HARRISON WHITE.

Witnesses:
F. D. CRUNK,
M. L. KEATHLEY.