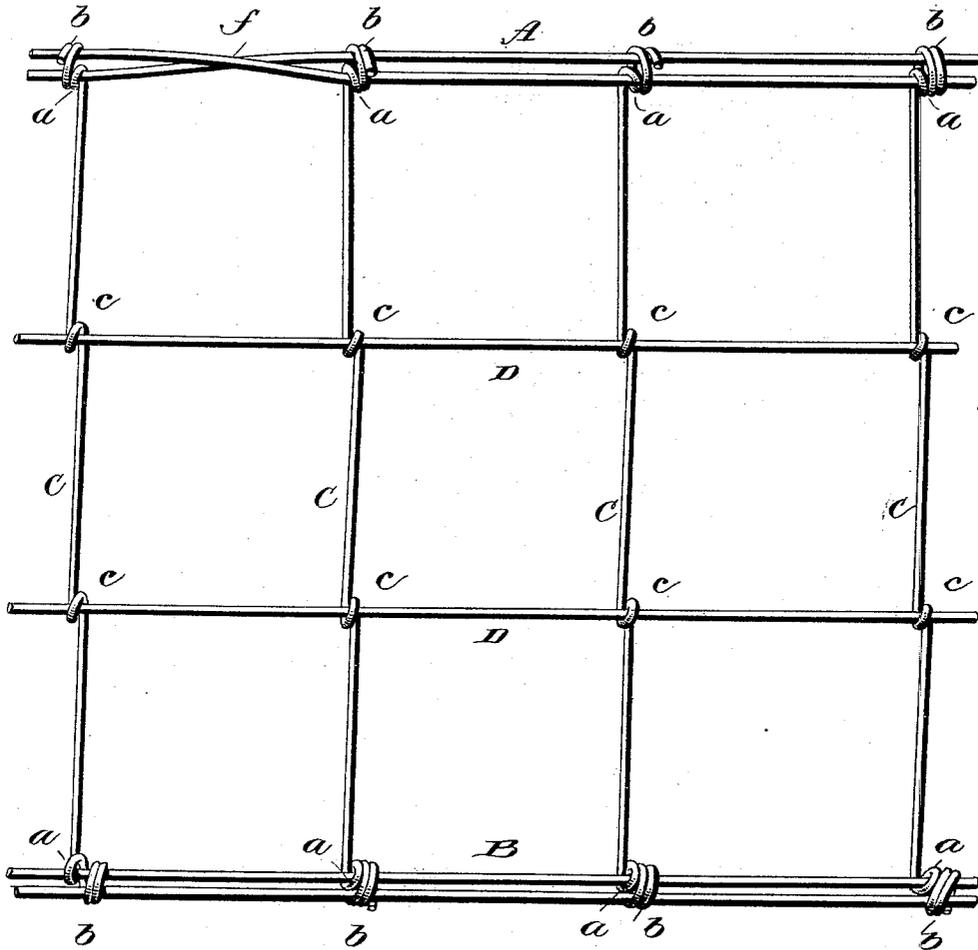


(No Model.)

W. TRIMBLE.  
WIRE FENCE.

No. 460,411.

Patented Sept. 29, 1891.



Witnesses

*L. C. Hills*  
*E. A. Bond*

Inventor:

*William Trimble,*

*E. B. Stocking*  
Attorney

# UNITED STATES PATENT OFFICE.

WILLIAM TRIMBLE, OF TREMONT, ILLINOIS.

## WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 460,411, dated September 29, 1891.

Application filed May 11, 1891. Serial No. 392,367. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM TRIMBLE, a citizen of the United States, residing at Tremont, in the county of Tazewell, State of Illinois, have invented certain new and useful Improvements in Wire Fences, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in wire fencing; and it has for its objects, among others, to provide an improved fence which shall be light and strong as well as ornamental. I form the outer or upper and lower boundaries of the fence in double strands of wire, the wires at right angles thereto being wrapped around one of them and then around the two, so as to form a rigid connection and brace.

Other objects and advantages of the invention will be hereinafter described, and the novel features thereof will be specifically defined by the appended claim.

The invention is clearly illustrated in the accompanying drawing, which, with the letters of reference marked thereon, forms a part of this specification, and in which is shown a side view of a portion of fence constructed in accordance with my invention.

Referring now to the details of the drawing by letter, A designates the upper and B the lower horizontal portions of the fence, each being composed of two substantially parallel wires, as shown, which wires may be of any desired size and preferably galvanized.

C are the vertical wires, which may be arranged any suitable distance apart and are connected at their ends to the upper and lower horizontal portions A and B in the following manner: The end of the wire is first coiled around the inner wire, as shown at *a*, the wire extending from the outside inward and then around the outside of the outer wire and twice around the two wires, as shown at *b*, the coils being preferably close together to make a strong brace. The coils at each end

of the vertical wires extend in the same direction to the right or left, as shown. Between the upper and lower horizontal portions may be arranged any desired number of horizontal wires D, around each of which each of the vertical wires is coiled, as shown at *c*.

If desired, the two strands of the upper or lower horizontal portions of the fence, or both, may be twisted at intervals, as shown at *f*, in which case the end of the vertical wire at this point will have its coils extended in the opposite direction, as shown at the left of the upper portion. This occasional twisting greatly strengthens the fence.

The double strands at the top of the fence and at the bottom enable me to produce a very strong and light fence, much stronger than where a single wire is employed at these points, even if the wires are much lighter.

The fence thus constructed is ornamental in appearance and can be manufactured by machine, or it may be put at the desired place by hand.

I do not wish to restrict myself to the use of my strands for fence purposes alone, as the same may be advantageously employed for other purposes, such as baskets, tree-protectors, and other uses, the closeness of the wires depending upon the character of use.

What is claimed as new is—

A wire fence composed of double-strand upper and lower horizontal portions and vertical wires having their ends coiled around the inner wires thereof, passed through between the two strands, and coiled twice around the two strands, the double strands being twisted at intervals, substantially as specified.

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

WILLIAM TRIMBLE.

Witnesses:

E. D. MCCULLOCH,  
D. MCCULLOCH.