

(No Model.)

T. E. WILSON.

FENCE.

No. 301,548.

Patented July 8, 1884.

Fig. 1.

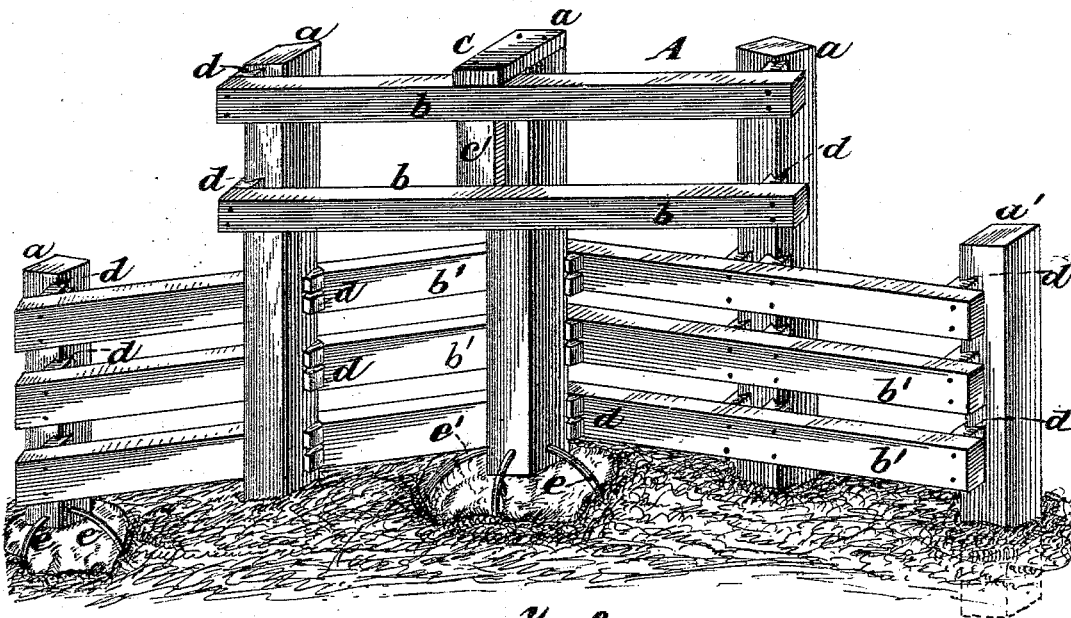


Fig. 2.

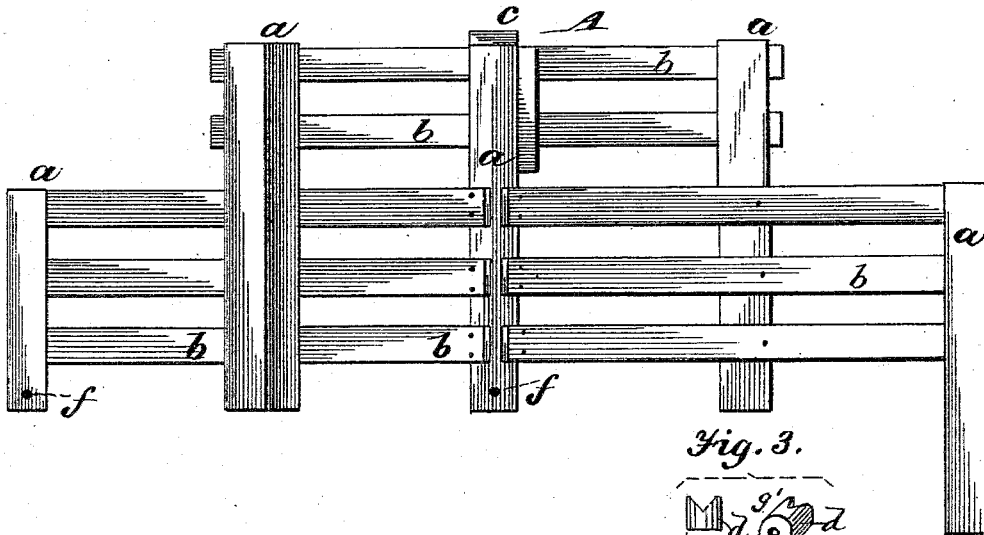
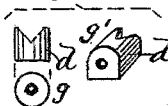


Fig. 3.



WITNESSES

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THOMAS E. WILSON, OF FARMLAND, INDIANA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 301,548, dated July 8, 1884.

Application filed July 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, THOMAS E. WILSON, a citizen of the United States, residing at Farmland, in the county of Randolph and State of Indiana, have invented certain new and useful Improvements in Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to that class of fences known as "farm-fences;" and it consists in certain improvements in the construction of the same, as herein described and claimed.

The object of my invention is to construct a combination straight-line and zigzag fence, such as are commonly used for inclosing stock animals, that shall be simple in construction and durable.

In the accompanying drawings, Figure 1 is a perspective view of a fence having my improvement. Fig. 2 is a rear view of the same. Fig. 3 illustrates the metal pieces used at the points of fastening posts and planks.

Referring to the drawings, in which similar parts are indicated by similar letters, A represents the fence, having the posts *a*, to which the upper planks or rails, *b*, are secured, and the posts *a'*, to which the lower rails, *b'*, are fastened, the said posts being preferably square in cross-section.

In constructing the fence one or more of the posts of a section of fence may be set in the ground to a suitable depth, the others being each placed on a stone foundation, *e*, the fence being thus secured firmly in position. The use of the stone foundations for the posts is advisable in places where the ground is soft or marshy. When placed on a stone, *e*, the post is fastened and sustained by iron rods *e'*, passing through apertures *f* in the lower part of the post, the outer ends of said rods being secured in the stone foundation. The posts are so arranged that the lower planks, *b'*, secured thereto, take a zigzag course, while the upper planks, *b*, are fixed in a direct line. As shown in Fig. 1, the middle post *a* is out of a direct line passing through posts *a'*, and two sets of rails *b'* extend from said post *a* to posts *a'*. Two other posts *a* are set at points

about midway of the rails *b'*, and to the upper parts of these posts are fastened the upper rails, *b*, these being further secured and braced by means of a cap-piece, *c*, fastened to the top of central post *a* and to the uppermost rail *b*, and a vertical piece, *c'*, fastened to and connecting said rails *b*, as shown. The metal pieces *d* are placed between the posts and planks at points of fastening, so that those parts are held somewhat apart, and no moisture is retained between them. The said pieces *d* are recessed or notched at their ends to fit against the corners of the posts, and are perforated for nails to pass through them. They may be made round in section, as at *g*, or rounded on the upper sides, *g'*, which are most exposed to rain, &c. (See Fig. 3.) The nails are driven through the planks and through the apertures in the metal pieces *d* into the posts, the corners of which fit in the notches of said pieces.

By this construction of the fence all animals are effectually prevented from leaping over the fence, either to encroach upon the inclosed ground or to escape from the inclosure, and a durable fence of simple construction is provided.

I claim—

1. In combination with the posts and horizontal rails of a fence, the perforated notched metal pieces *d*, placed between the posts and the rails or planks at the points where such parts are fastened together, substantially as and for the purpose described.

2. In a fence, the combination of the posts *a* and *a'*, the lower rails or planks, *b'*, placed in a zigzag course, the upper rails placed in a direct line and secured by cap-piece *c* and vertical piece *c'*, and the notched metal pieces placed between the posts and the rails at the points of fastening, substantially as set forth and described.

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

THOMAS E. WILSON.

Witnesses:

D. P. HOLLOWAY,
H. J. ENGLAND.