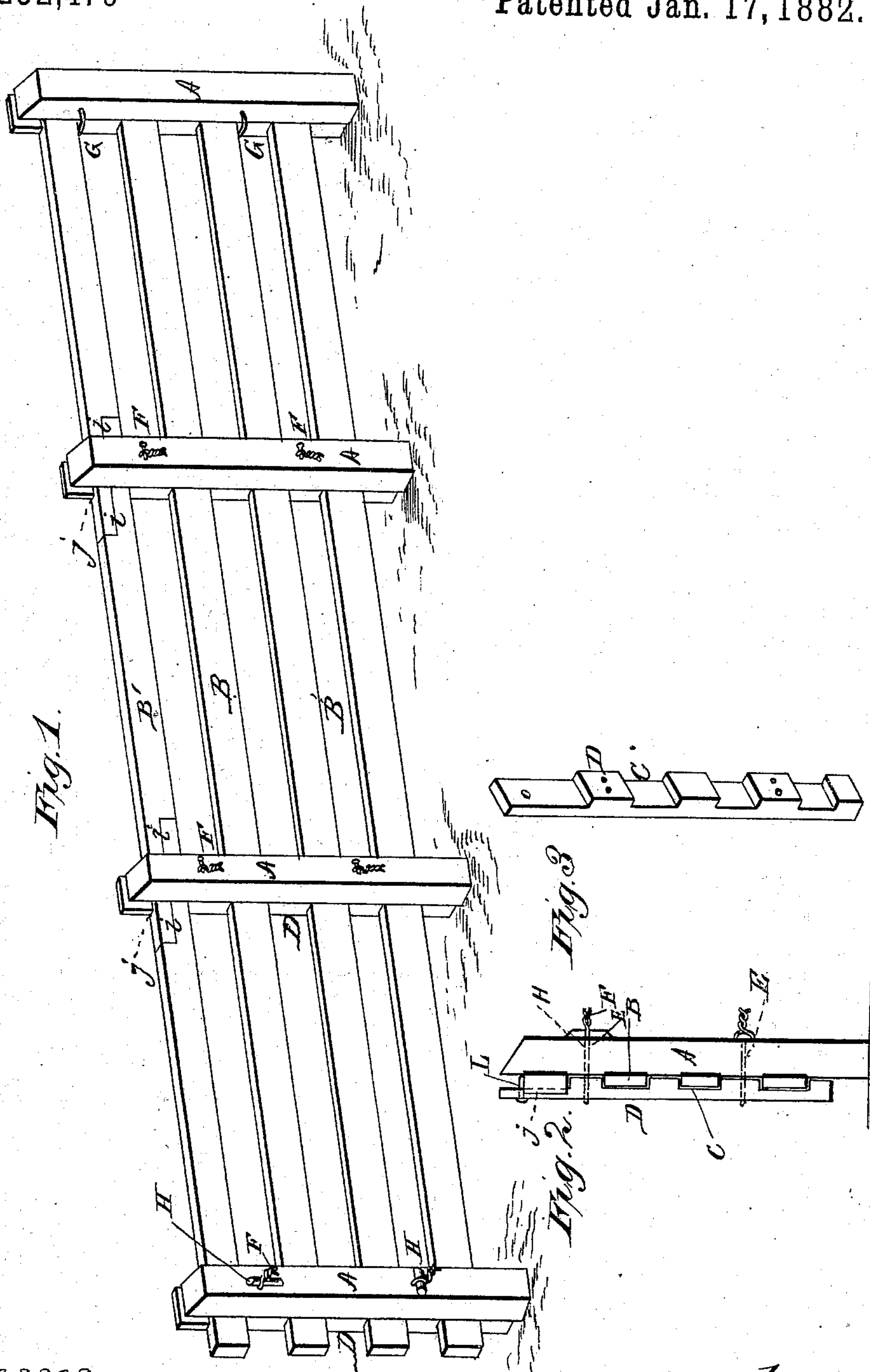


(No Model.)

I. L. LANDIS.  
FENCE.

No. 252,479

Patented Jan. 17, 1882.



Witnesses.  
Frank L. Curand.  
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# UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF LANCASTER, PENNSYLVANIA.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 252,479, dated January 17, 1882.

Application filed January 18, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, ISRAEL L. LANDIS, of Lancaster, in the county of Lancaster, and in the State of Pennsylvania, have invented certain new and useful Improvements in Fences; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in farm and other fences; and it has for its objects to provide a means for securing the parallel bars or rails of the fence in such manner that any sagging or settling of the said bars or rails will tend to bind the bars or rails more securely between the battens and posts, as more fully hereinafter specified. These objects I attain by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved fence; Fig. 2, an end elevation of the same; Fig. 3, a perspective view of one of the battens.

The letter A indicates the fence-posts, which are secured in the ground in the usual manner.

The letters B B' indicate the rails or bars of the fence, which are secured between the fence-posts and the battens.

The battens are provided with recesses C, in which the parallel bars of the fence are seated.

The battens, as indicated in Figs. 2 and 3, are provided with apertures D, and the fence-posts are provided with similar apertures E, through which are passed the wires F, which are twisted at their free ends, so as to secure the rails between the battens and posts.

The wires F are tightened and held tight by means of wedges H.

The top rails, B', of the fence are half-spliced at their ends where they cross the posts, so as to break joints, as shown at *i*, Fig. 1, and these rails are also grooved vertically at *j* to receive the upper extensions of the battens D, thereby forming a compound locked joint by which the fence-rails are tied together and the fence is rendered very substantial. In addition to the locking joints, I employ pins L, (shown in Fig. 2,) which are inserted through the battens and over the lapped joints of the top rails for the purpose of holding the latter down in their places.

It will be seen that any sagging or sinking of the rails will cause the battens to bind more securely against the posts, and thus tend to fasten the rails more firmly in place and add to the stability of the fence.

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

The combination of the flat top rails, B', having their ends lapped and halved, and having the vertical locking-groove *j* crossing said joint at right angles to the length of the rails, the batten D, inserted into said groove, the fence-post A, the holding-down pin above the said joint, the embracing-wire, and the tightening-wedge, all substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of January, 1881.

ISRAEL L. LANDIS.

Witnesses:

H. AUBREY TOULMIN,  
C. A. NEALE.