

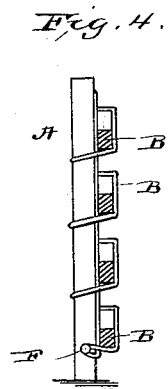
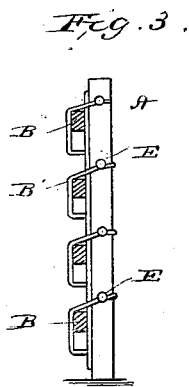
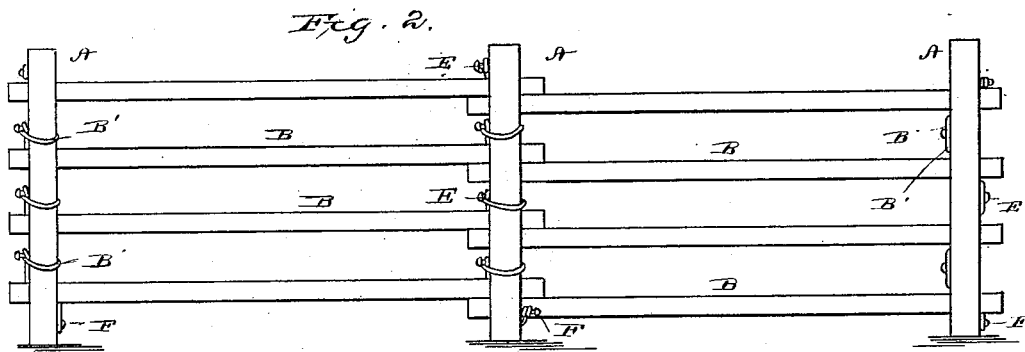
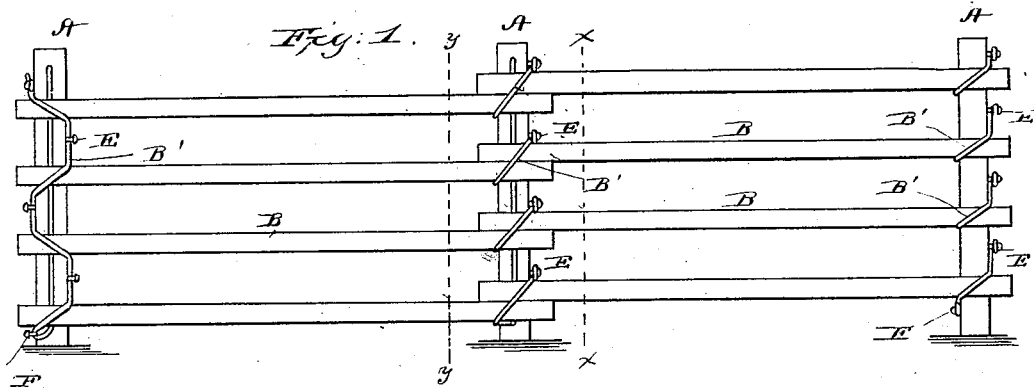
(Model.)

I. L. LANDIS.

FENCE.

No. 265,518.

Patented Oct. 3, 1882.



Witnesses.

Edmond L. Givell.

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UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF LANCASTER, PENNSYLVANIA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 265,518, dated October 3, 1882.

Application filed March 23, 1882. (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 rail fences, and it has for its objects to provide improved means whereby the rails may be securely fastened to the posts in such manner as to permit a free circulation of air around the ends of the rails and permit no collection of water at such points in wet weather, thus preventing the rotting of the rails and posts and securing a strong and durable fence. These objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents an elevation of one side of a section of my improved fence. Fig. 2 represents a similar view of the other side. Fig. 3 represents a transverse vertical sectional view on the line *xx* of Fig. 1, and Fig. 4 a similar view on the line *yy* of Fig. 1.

The letter A designates the fence-posts, set at suitable distances apart in the ordinary manner, and B indicates the fence-rails, which are arranged parallel with each other, with the ends lapping at the posts, as shown.

The letter B' indicates the wire by means of which the rails are secured to the posts. This wire is fastened to the post at one side, near the top, and extends obliquely across the lapped ends of the two upper rails, then under said rails at the opposite of the post, then across the rear of the post to the first-mentioned side, where it passes over or around a tack, nail, or other fastening device, E, after which it extends obliquely across the two next succeeding rails, under the rails, and around

the posts in the same manner, and so on over the ends of the remaining rails, finally passing under the lower rails and being secured to a tack or nail, F, after which it extends vertically upward between the rails and post, forming a rest for the rails, which prevents their coming in contact with the posts, thus providing for the circulation of air between the posts and preventing any place of lodgment for water, which rapidly rots the rails and posts.

As constructed it will be perceived that the fence can be built cheaply and expeditiously and without skilled labor, as the rails may be roughly split and put together without dressing or other finishing. It will also be evident that the fence will be exceedingly strong and durable, as it will be almost impossible to break the rails from their fastenings when once secured. When the fence is constructed of flat boards their ends are lapped edgewise—that is, the boards are secured in couples, one above the other.

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

In a rail fence, the combination, with the rails, arranged as described, and the posts, of the wire extending obliquely across the front of the rails, under the lapped ends of the same, and around the posts, the said wires being secured to fastenings at the top and bottom of the post, and at suitable intervals, and extending upward between the rails and post, substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 17th day of March, 1882.

ISRAEL L. LANDIS.

Witnesses:

J. J. MCCARTHY,
CHAS. D. DAVIS.