

P. Kidney,

Fence.

No. 105221.

Patented July 12, 1870.

Fig. 1.

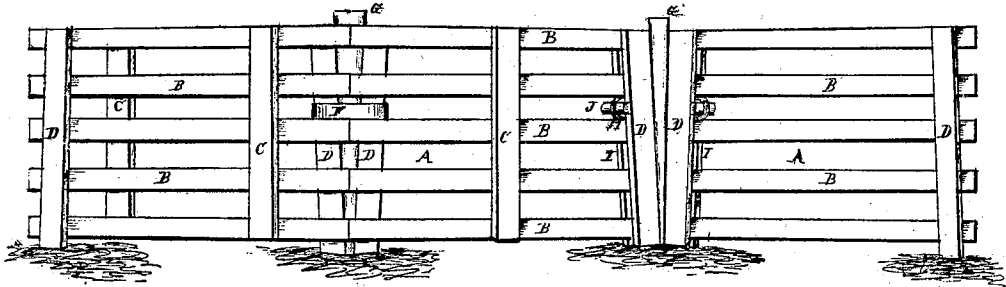


Fig. 2.

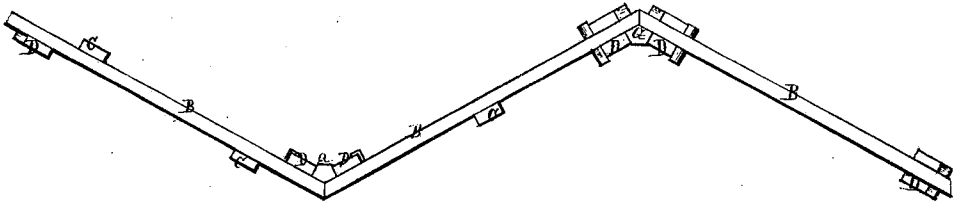


Fig. 3.

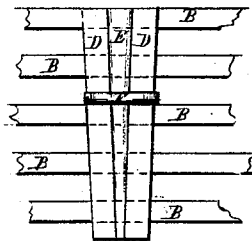


Fig. 4.

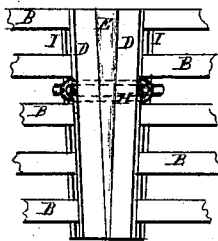


Fig. 5.



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Witnesses.
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PETER KIDNEY, OF OLMSTED FALLS, OHIO.

Letters Patent No. 105,221, dated July 12, 1870.

IMPROVEMENT IN FARM-FENCE.

The Schedule referred to in these Letters Patent and making part of the same

Be it known that I, PETER KIDNEY, of Olmsted Falls, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Farm-Fences, of which the following is a specification.

Description of Drawing.

Figure 1 is a side elevation of the fence.

Figure 2, a top view of the same.

Figures 3 and 4, detached views of the same.

Figure 5, a detached-section.

Like letters of reference refer to like parts in the different views.

Nature and Object of the Invention.

The nature of this invention relates to device for locking together the series of panels composing a fence, so that any one panel can be taken down and put up without disturbing the line of fence, as hereinafter more fully described.

General Description.

In fig. 1, A represents the panels of a fence, consisting of a series of rails, B, secured in proper relation to each other by cleats CD, nailed or otherwise fastened thereto.

It will be observed that the cleats C are secured to the bars at a right angle therewith, whereas the end cleats D are nailed thereto slightly deviating from a vertical line, so that the slats are nearer together at the lower end than at the upper end, leaving a tapering or a long wedge-shaped space, E, between the edges of the cleats, where the ends of two sections of fence are placed together, as shown in figs. 3 and 4.

Two panels of the fence, on being placed together, as shown in fig. 2, are thus secured by a yoke, F, embracing both the cleats, thereby holding the two ends of the panels closely together.

In order that the ends of the panels shall be drawn tightly upon each other, a key, G, fig. 1, a detached view of which is shown in fig. 5, is inserted between the cleats, filling the space E. Said key or wedge, on being driven down, tends to spread apart the cleats, at the same time causing the ends of the bars or rails to draw closely together, and thus lock firmly together the two ends of the panels, making a strong, cheap, and durable fastening of each corner of the fence.

It will be observed that the space E, in which the key is inserted, is of a dovetail-shape, as seen at a, fig. 3, hence, when the key is once inserted therein, it cannot fall out from its place so long as the yoke shall remain attached to the cleats.

It will be obvious that a fence thus put up can be easily taken down, or one panel removed, for a passage way, by simply driving out the key, which will allow of the yoke being detached, so that the panel can be taken away, and that without the least disturbance to the rest of the connection.

The yoke H, fig. 1, is a modification of the yoke F, and consists simply of a link, each end of which is inserted between the cleats D and I, and through the projecting ends is inserted a pin, J, to prevent the yoke from pulling out by the force exerted by the key or wedge G. Said yoke and pin are indicated in fig. 4.

Claim.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The wedge or key G and yoke F, as arranged, in combination with the cleats D, substantially in the manner as described, and for the purpose set forth.

PETER KIDNEY.

Witnesses:

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