

E. Hollinger, Portable Fence,

N^o 46,799-

Patented Mar. 14, 1865.

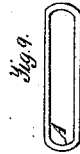
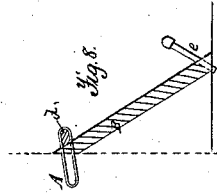


Fig. 1

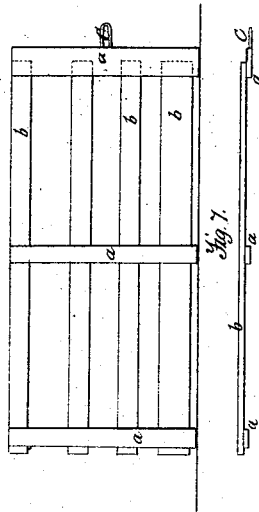


Fig. 7

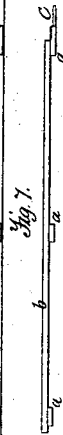


Fig. 6

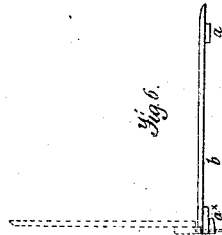


Fig. 4

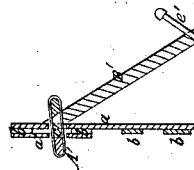


Fig. 2

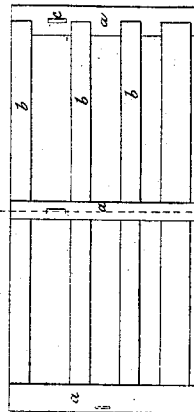


Fig. 5

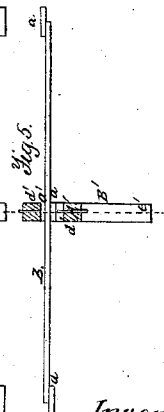


Fig. 3

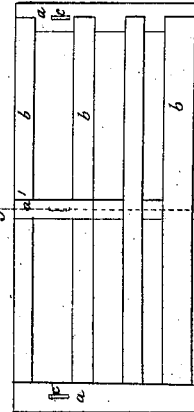


Fig. 10

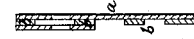


Fig. 11



Witnesses.

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UNITED STATES PATENT OFFICE.

ELIAS HOLLINGER, OF NEW HAVEN, INDIANA.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 46,799, dated March 14, 1865.

To all whom it may concern:

Be it known that I, ELIAS HOLLINGER, of New Haven, in the county of Allen and State of Indiana, have invented a new and Improved Fence; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1, 2, and 3 are side views of panels of my improved fence; Fig. 4, a transverse vertical section of Fig. 2, taken in the line *x x*; Fig. 5, a plan or top view of Fig. 2; Fig. 6, a plan or top view showing the manner of connecting corner-panels; Fig. 7, a plan or top view of Fig. 1; Fig. 8, a detached side view of one of the end braces of a panel; Fig. 9, a detached view of a brace-link; Fig. 10, a transverse vertical section of Fig. 3, taken in the line *y y*; Fig. 11, a top view of Fig. 3.

Similar letters of reference indicate like parts.

This invention relates to a new and improved fence of that class which are capable of being readily put up and taken down, and are commonly termed "portable fences."

The invention consists in a novel manner of bracing the panels and connecting the same together, as hereinafter fully shown and described, whereby the fence may be firmly supported in position, readily put up and taken down, and constructed at a small cost.

The panels of the fence may be constructed of upright battens *a*, having rails or slats *b*, nailed horizontally to them at suitable distances apart. (See Figs. 1, 2, and 3.) The panels, in themselves considered, possess no novelty, and therefore do not require a special description.

The end battens, *a*, of adjoining panels are at opposite sides of the rails or slats *b*, and the ends of the latter extend to about half the width of the battens, so that the ends of the rails or slats of adjoining panels may abut against each other and a batten *a* be at each side of the abutting ends of the rails or slats. (See Fig. 11, in which a portion of one panel is shown in red adjusted to an adjoining panel,

which is in black.) The end battens, *a*, have each a slot, *c*, made in them, and the slots of every two opposite battens, when the panels are adjusted together, come in line with each other, and a link, *A*, passes through them, said link also passing through the upper ends of the inclined braces *B B*, which abut one against each batten. The upper ends of the braces *B* are cut in bevel form, so that they will fit snugly against the battens, and they are firmly secured in position by wedges *d*, which are fitted in the ends of the link. The lower ends of the braces are firmly secured to the ground by pins. Besides these braces and links which connect the ends of the panels together, there are employed central braces, *B'*, (shown in Fig. 4,) which are designed to secure the panels at their centers and serve as braces only, the link *A'* of the braces *B'* passing through a slot, *c'*, in the central batten, *a*, and through a short batten, *a'*, on the side of the panel opposite to that where the long central batten is secured. (See Figs. 3 and 4.) The central braces, *B'*, are secured to the earth by pins *e'* in the same way as the braces *B*, wedges *d'* being employed.

By this simple means I am enabled to secure the fence firmly in position, and also connect the panels together, and put up a fence and take one down with the greatest facility.

The corner-panels of a fence I connect together by means of a staple, *C*, which is driven into the outer side or edge of the end batten, *a*, of one panel and passes through a slot, *f*, in the batten of the adjoining panel, (see Figs. 6 and 7,) a wedge, *a''*, being driven through the staple to keep the ends of the two corner-panels in contact.

I claim as new and desire to secure by Letters Patent—

The braces *B* and *B'*, applied singly to the ends and centers of the panels, and secured by means of links *A A'*, battens *a a'*, slots *c c'*, keys *d d'*, and pins *e e'*, all arranged as herein specified.

ELIAS HOLLINGER.

Witnesses:

SOCRATES BAWN,
O. D. ROGERS.