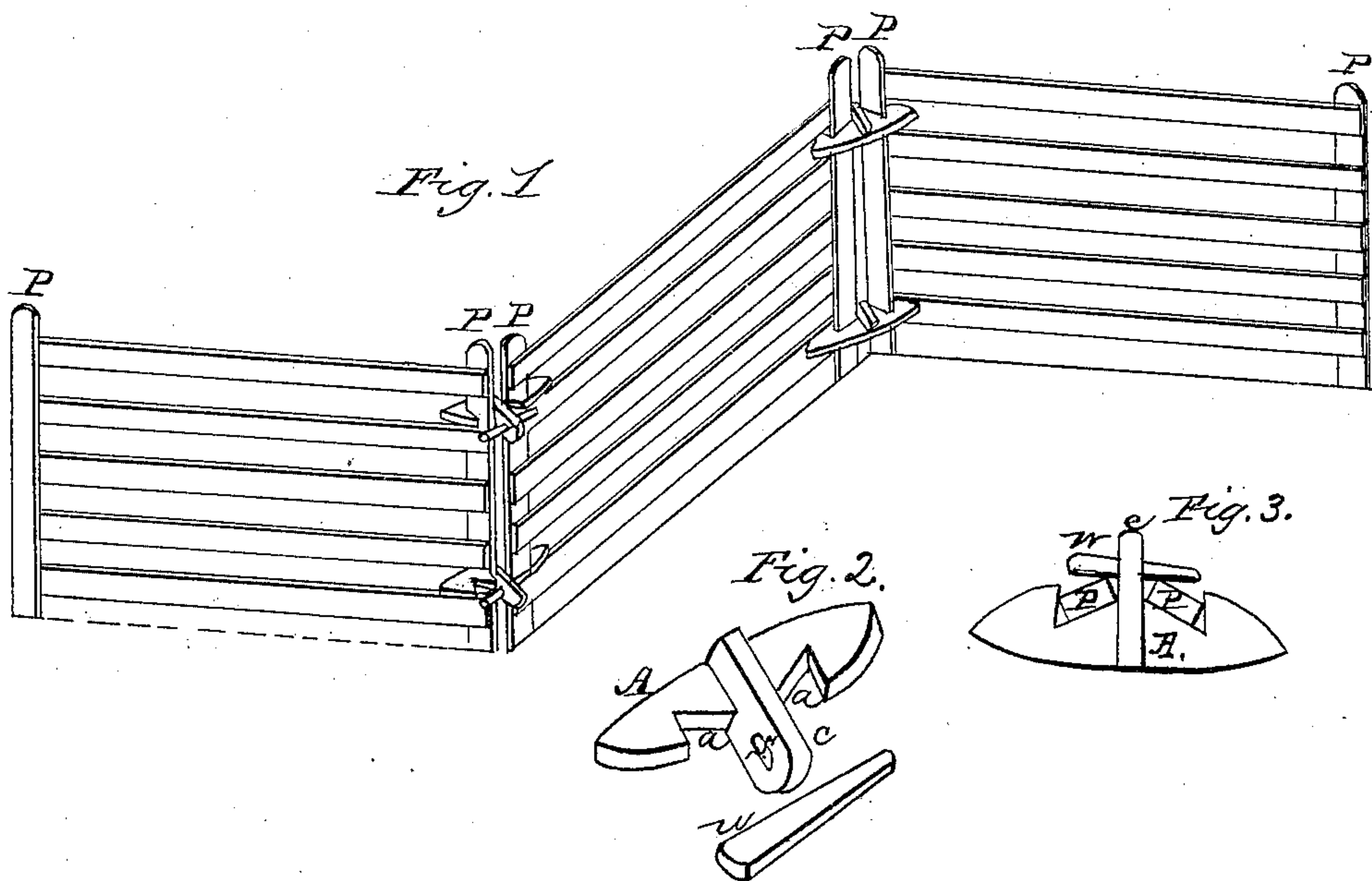


*Dormant & Hines,*

*Portable Fence,*

*N<sup>o</sup> 69,191.*

*Patented Sep. 24, 1867.*



*Witnesses*  
*Wm B. Miley*  
*Jacob Stauffer*

*Inventors*  
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# United States Patent Office.

BENJAMIN K. DORWART, OF LANCASTER, PENNSYLVANIA, AND WASHINGTON J. HINES, OF FREDERICK, MARYLAND.

*Letters Patent No. 69,191, dated September 24, 1867.*

## IMPROVEMENT IN FENCE.

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

### TO ALL WHOM IT MAY CONCERN:

Be it known that we, BENJAMIN K. DORWART, of Lancaster, in the State of Pennsylvania, and WASHINGTON J. HINES, of Frederick, in the State of Maryland, have invented a new and useful Improvement on a Portable Field and Flood Fence; and we do hereby declare that the following is a full and clear description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 shows three panels of this fence with the corner-braces in place.

Figure 2 is a perspective view of the brace and wedge.

Figure 3 shows the same in position on the two posts.

The nature of our invention consists in providing a notched brace with a key, so constructed as to more effectually embrace the adjoining posts, the key or wedge in the same binding directly on the posts, locking the two panels firmly together in every direction.

To enable others skilled in the art to make and use our invention, it is only necessary to say that the posts P or ends of each panel are a piece of the rails usually employed, of the requisite length. To those the rails are nailed, say five in number, so that the ends of each rail will be at one end on one side of the post or vertical piece P, and their other ends on the opposite side of the other post, as shown. These are set up so that in each angle the rails on the posts of the adjoining panels come on the same side, thus alternating. The brace-board A, with its notches *a*, is then applied on top of the second rail above, and one on the top of the under rail, so that the arm C or cross-piece, with its slot S, enters between the two adjoining posts P on the side of the posts opposite the side where the rails are nailed on, so that notches *a* of the brace-board A will embrace the post P, (fig. 3,) and a wedge or key, W, driven through the open slot S in the cross-arm C, which wedge will also come in contact with a corner of each post, thus firmly embracing the posts between the notches and key. The two posts of each adjoining panel will be separated the thickness of the cross-piece C, which will by so much save material by lengthening the panel that much without detriment.

This simple and efficient brace and wedge or key we believe to be novel, and for a flood fence the lower or both braces may be removed at the flooding point, and for a gate or opening both may be readily removed and the panels separated. In short, for simplicity and efficiency it is found superior to the use of a long brace straight, or with a long parallel open notch and the use of a pin on each end, which brace is also applied so that the pins come inside of the rails at some distance from the posts, and only bracing the fence in one direction when extended outwards till the pins bind, affording no support when the panel is pushed inwardly by heavy winds or otherwise. Such a brace we do not claim.

We are aware that other devices are employed for joining panels, but we are not aware that any has ever been in use which so fully embraced both posts in substantially the same manner.

What we claim as our invention, and desire to secure by Letters Patent, is—

The brace-board A, with its notches *a a* cut out in the manner shown, with its attached central cross-piece C slotted, in combination with the wedge or key W, arranged in all its parts and applied in the manner and for the purpose specified.

BENJ. K. DORWART,  
WASHINGTON J. HINES.

Witnesses:

WM. B. WILEY,  
JACOB STAUFFER.