

H. W. & R. P. NICHOLS.

Portable Fences.

No. 143,372.

Patented September 30, 1873.

Fig. 1.

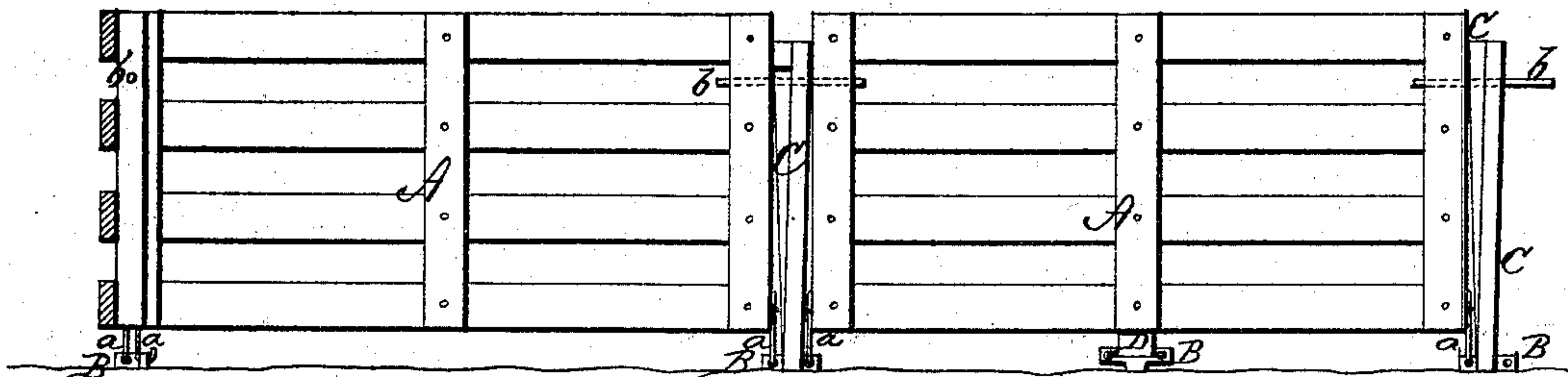


Fig. 2.

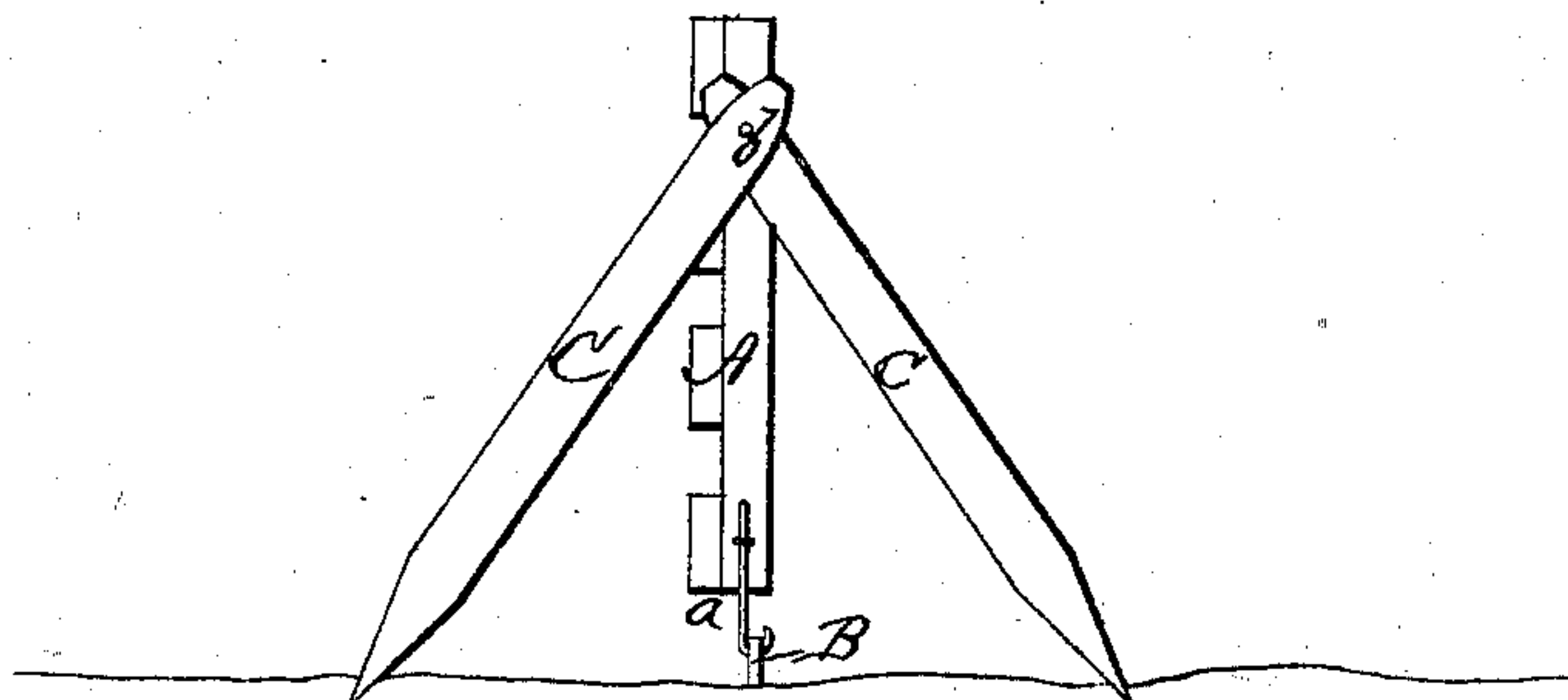
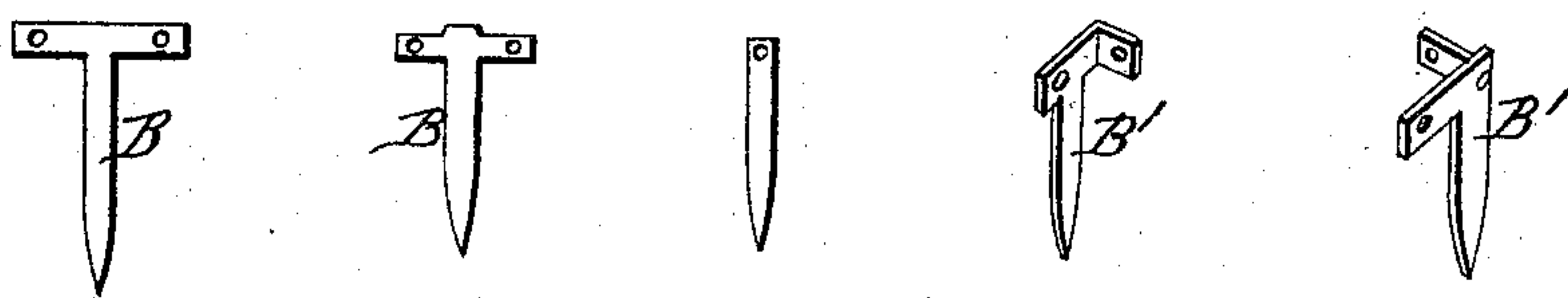


Fig. 3.



Witnesses  
John A. Ellis  
Edward C. Ellis

Inventor  
Henry H. Nichols &  
T. Rue H. Nichols  
Per.  
C. H. Watson & Co.  
attys

# UNITED STATES PATENT OFFICE.

HENRY W. NICHOLS AND RUE P. NICHOLS, OF NORTHFIELD, INDIANA.

## IMPROVEMENT IN PORTABLE FENCES.

Specification forming part of Letters Patent No. 143,372, dated September 30, 1873; application filed June 27, 1873.

*To all whom it may concern:*

Be it known that we, H. W. and R. P. NICHOLS, of Northfield, in the county of Boone and State of Indiana, have invented certain new and useful Improvements in Fences; and we 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, which form a part of this specification.

Our invention relates to that class of fences in which the panels are all made separate, each complete for itself; and the nature of our invention consists in the construction and arrangement of the devices whereby the panels are supported and held in their proper positions, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view, showing two panels of fence in position. Fig. 2 is an end view of one panel. Fig. 3 shows the various metal posts used.

A A represent fence-panels constructed in any suitable manner, either of horizontal boards or of vertical boards or palings, each panel being complete by itself, and separate and independent from the rest. These panels are put up and held in position by the following means: A T-shaped metal post, B, having the end of its long arm pointed, as shown in Fig. 3, is driven into the ground. In each of the short arms of the post B is a hole, into which is hooked a hook, *a*, projecting downward from the lower end of the end post or bar of the panel. A suitable distance from the upper ends of said end bars of the panels a pin or rod, *b*, is passed through the two adjoining bars. This rod or bar passes also through the upper ends of two braces, C C, which are placed between the panels, and extend one on each side of the fence. By means of these

braces the two panels are raised up as high as the hooks *a a* will permit, after which the braces are let into the ground, or otherwise fastened to the same. This mode will also admit of the fence being placed and held in proper position, even on very hilly ground. At corners of the fence no braces are used, but the panels are hooked into a post, B<sup>1</sup>, being substantially the same as the post B, with the exception that the two short arms are of unequal length, and the longest of the two bent at right angles, as also shown in Fig. 3. The upper ends of the two adjoining panels at the corner are firmly united by the rod or pin *b*, and in addition thereto the panels may be nailed together, if so desired. In the center of each panel an additional brace, D, may be used. The lower end of such brace should then be provided with hooks *a a* to hook in a T-shaped post, B, driven into the ground; or it may be pivoted between ears formed at the upper end of a straight post, B<sup>2</sup>, as shown in Fig. 4. The inner or upper end then rests against the lower board of the panel.

It will readily be seen that this fence is much cheaper than even the most ordinary board fence. It is also much more durable, as no parts of the panels are in or on the ground. It can be made stationary or portable, when so desired. It is easily and cheaply put up and taken down, as occasion may require.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination, with two fence-panels, A A, of the metal post B, hooks *a a*, pin *b*, and braces C C, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

HENRY W. NICHOLS.  
RUE P. NICHOLS.

Witnesses:

GEORGE STEVENSON,  
JAMES BAGLEY.