

Brockway & Frederick.
Wood Fence.

No 80,054.

Patented Jul 21, 1868.

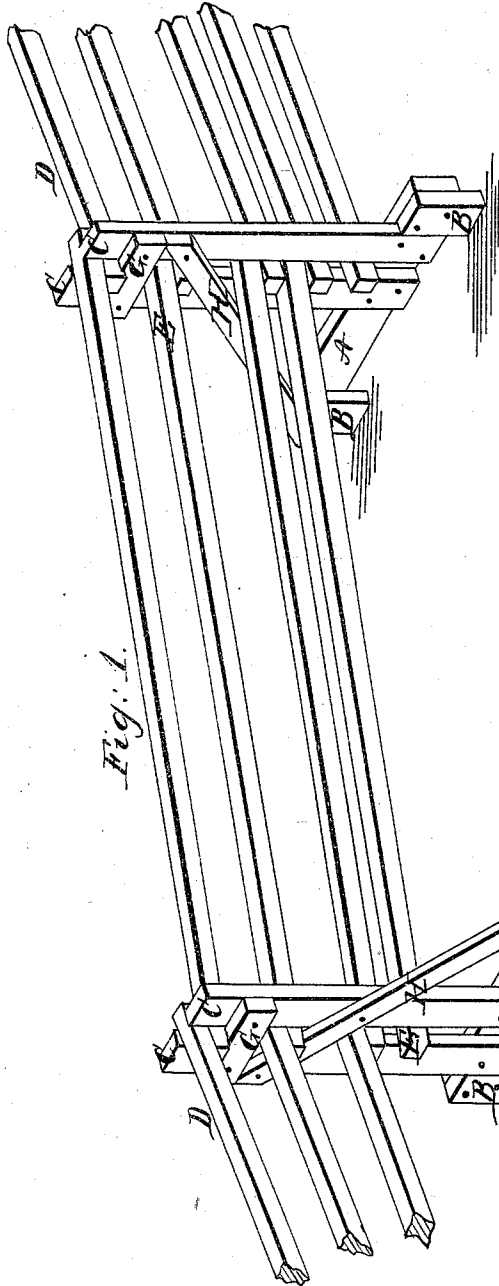
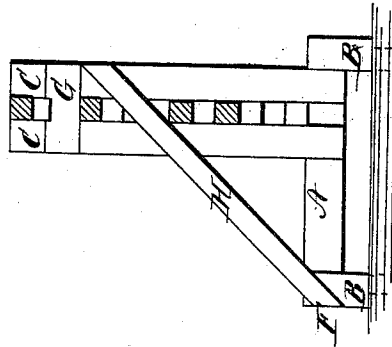


Fig. 1.

Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

R. W. BROCKWAY AND HENRY FREDERICK, OF AKRON, OHIO.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 80,054, dated July 21, 1868.

To all whom it may concern:

Be it known that we, R. W. BROCKWAY and HENRY FREDERICK, both of Akron, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Fences; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view of so much of the fence as is necessary to illustrate our present invention, and Fig. 2 represents a vertical cross-section between two of the supporting-posts.

To enable those skilled in the art to which our invention belongs to make and use the same, we will proceed to describe it more in detail.

In the drawings the parts lettered A are the bed-pieces, to the ends of which are fastened, by nailing or otherwise, the legs or stubs B B. Two uprights, C C, are fastened to each bed-piece, a sufficient space being left between the uprights for the reception of the ends of the rails, the latter being arranged with alternate bends D D. The ends E of the rails are inserted between the uprights, to which they may be nailed or fastened in any convenient manner. The uprights C C are fastened to the bed-pieces, just inside of the leg or stub on the end of the bed-piece which supports the greater part of the weight of the rails. The long ends F of the bed-pieces project into the hollows or inner part of the bends of the fence, so that the bed-pieces are arranged nearly upon a line, the uprights C C being fastened to the alternate ends of the bed-pieces. The upper ends of the uprights are united by a cross-piece, G, upon which the top rails of the fence rest, while the uprights are united again just below the rail next below the top one by an inclined brace, H, the lower end of which brace extends down and back and is fastened to the foot or stub on the long end F of the bed-piece. The

upper ends of the braces H fit in under the cross-ties or connections G, whereby, when the parts are united and combined together, as shown in the drawings, a very strong and desirable fence is produced.

The feet or stubs B may be made long enough to admit of their lower ends being sharpened, so that they can be driven into the ground when desired.

If preferred, blocks or stones I may be placed under the bed-pieces and upon the insides of the stubs.

It will be observed that no part of the fence comes in contact with the ground except the legs or stubs B B, which can be replaced very quickly and at a trifling expense when they become rotten or decayed, and hence our fence possesses great utility and merit, even when viewed solely in reference to the expense of keeping it in repair. It is, however, desirable in view of the limited amount of ground which it occupies, and also in view of the further advantages of great strength and simplicity of construction.

The fence may be made with as few or many rails as desired to give the necessary protection.

Having described our improved fence, what we claim therein as new and of our invention, and desire to secure by Letters Patent, is—

1. A crooked or angular rail-fence the joint of which rests upon a bed-piece, A, with the uprights C C fastened at or near one end of the bed-piece, while the long end of the bed-piece projects into the hollow of the angle of the fence, substantially as shown and described.

2. The combination of the bed-pieces A, uprights C C, braces G H, and stubs or legs B B, substantially as and for the purposes set forth.

R. W. BROCKWAY.
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Witnesses:

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