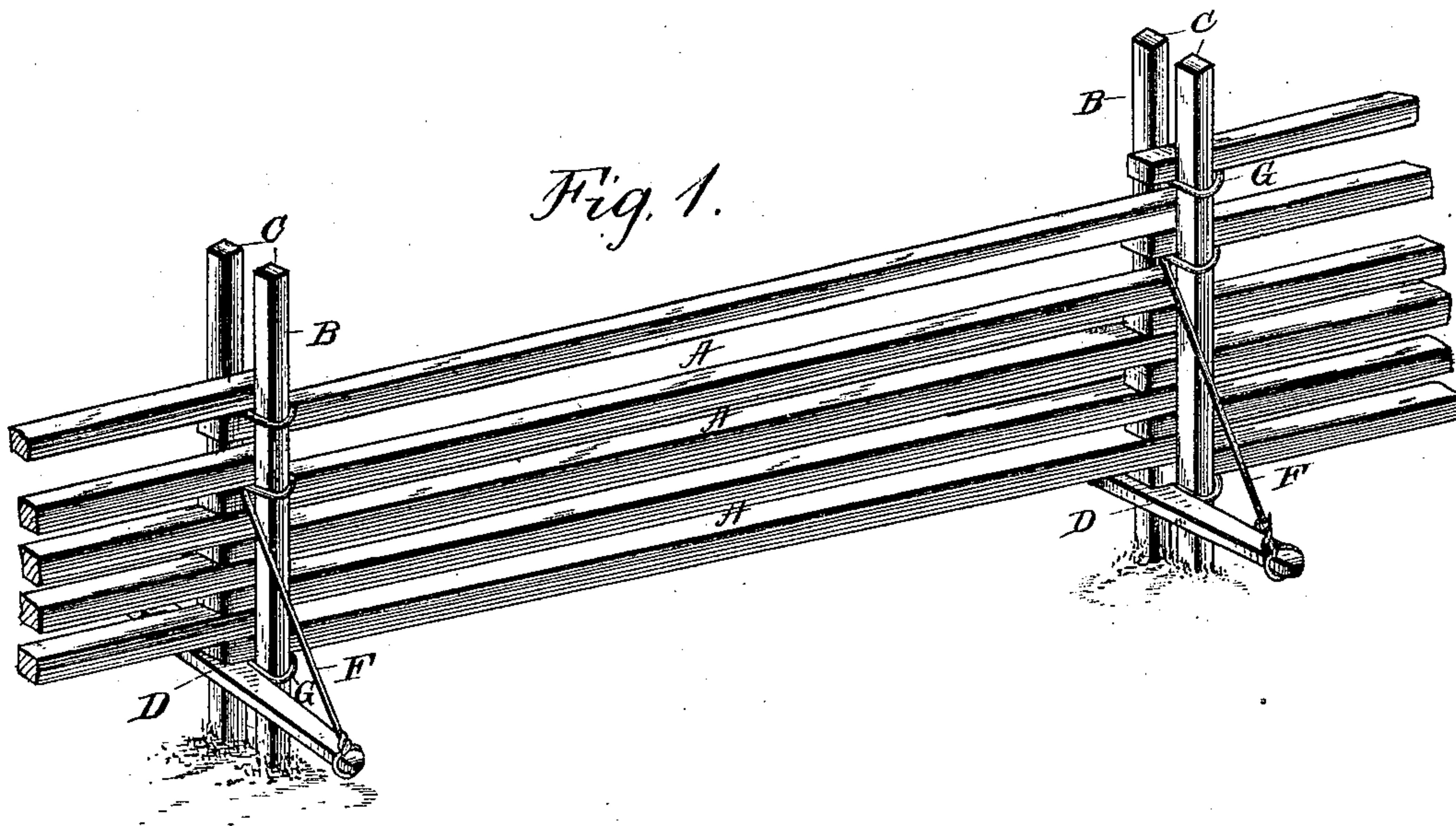


(No Model.)

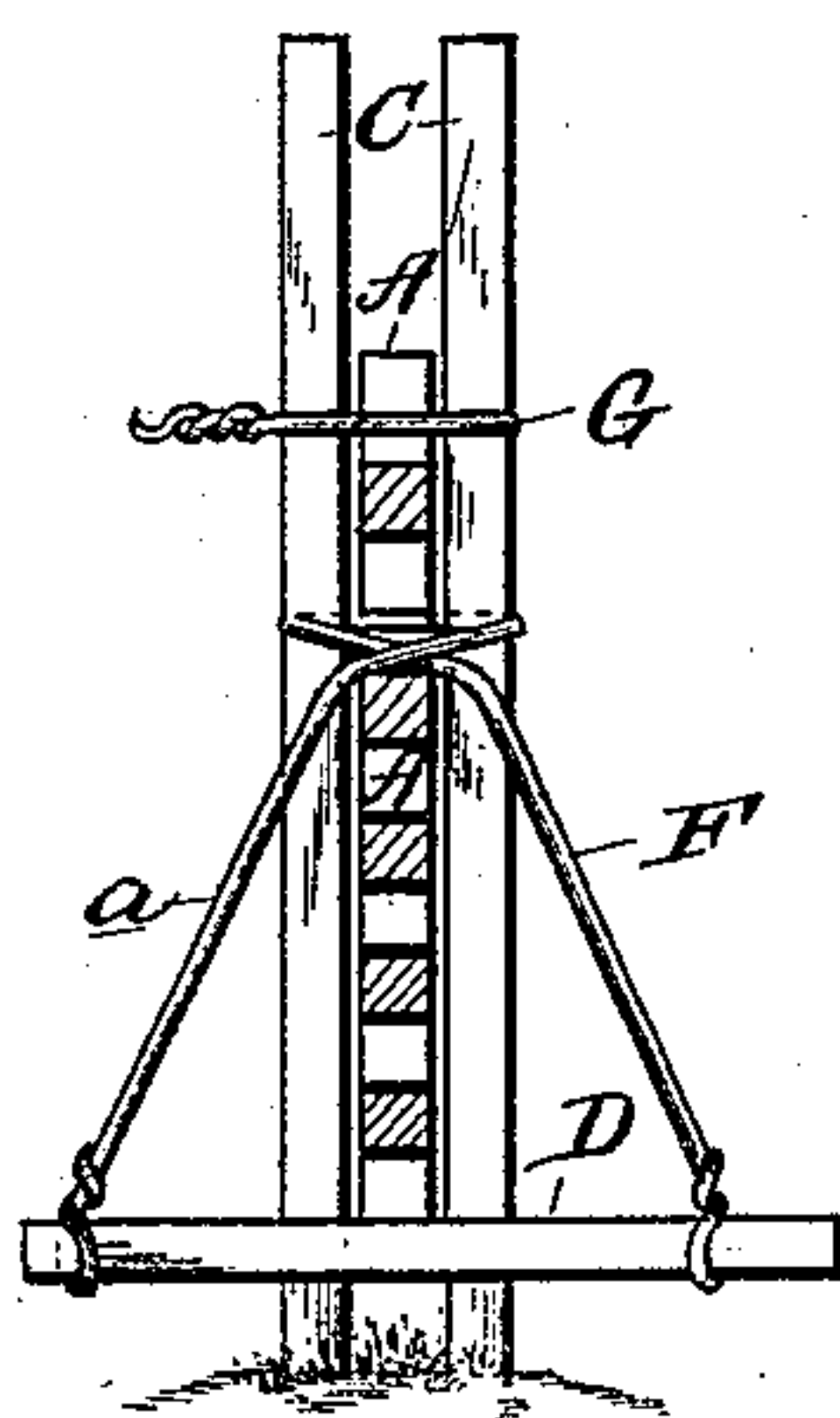
R. C. ROTH.  
FENCE.

No. 303,401.

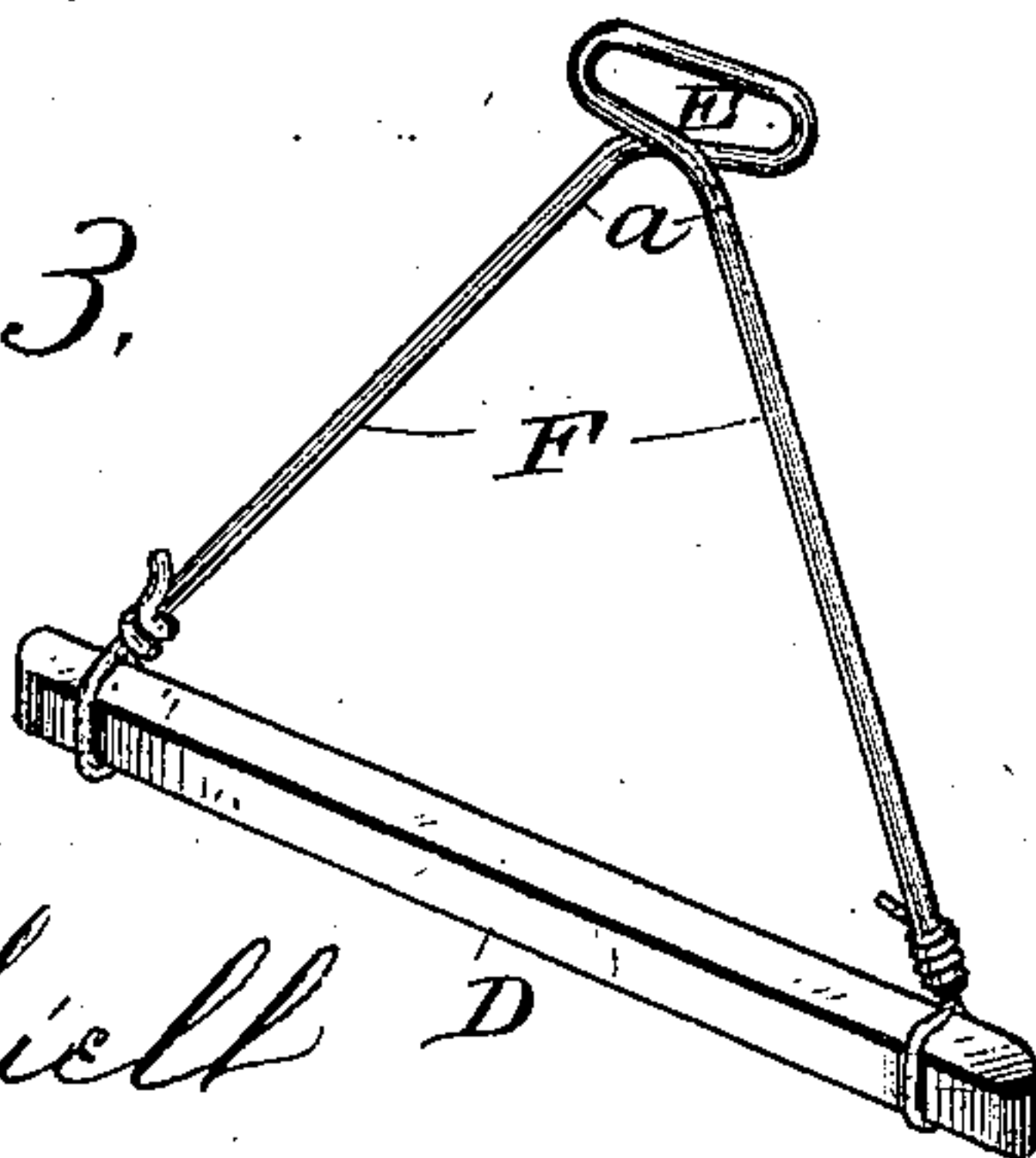
Patented Aug. 12, 1884.



*Fig. 2.*



*Fig. 3.*



WITNESSES

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INVENTOR

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# UNITED STATES PATENT OFFICE.

ROBERT C. ROTH, OF HICKSVILLE, OHIO.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 303,401, dated August 12, 1884.

Application filed January 11, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT C. ROTH, a citizen of the United States, residing at Hicksville, in the county of Defiance and State of Ohio, have invented a new and useful Fence, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to fences; and it has for its object to provide a simple and efficient brace for the same, said brace being constructed of wire of any suitable thickness and attached to the fence in such a manner that it will pull on the same, and not push against it, as is usually the case.

With this object in view the said invention consists in certain details of construction and combination of parts, as hereinafter set forth, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of a rail-fence, showing my improved brace applied thereto. Fig. 2 is a transverse sectional view of the same, and Fig. 3 is a detail view in perspective, showing the manner in which the brace is twisted around the fence-rails.

Like letters refer to corresponding parts in the several figures.

Referring to the drawings, A designates the rails of an ordinary fence, passing through the posts B, formed of two parallel strips, C, which are driven into the ground. A transverse strip, D, passes beneath the rails adjacent to the posts and extends at right angles to the fence, a wire brace, F, being secured at one end to one of the ends of the strip D, then inclining upward toward the posts, said wire brace being twined around the post from one strip, C, to the other, so as to form a loop, E, and then extending downward, so as to connect at its other end with the other end of the base or transverse strip D. One or more wire clevises, G, clasp the strips C, so as to bind them against the rails of the fence and retain the rails in proper position.

From the foregoing description, taken in connection with the annexed drawings, the operation and advantages of my invention will be readily understood.

In preparing the fence the transverse bottom strip, D, is laid upon the ground, and the first rail is placed or arranged longitudinally, so as to rest at its ends upon the transverse

strip, the strips C, forming the post, being driven into the ground on each side of the rail, so as to stand firm. The fence is then built as high as desired, the rails being arranged longitudinally, so as to project into the space between the strips C, the ends of the rails of one section resting on the projecting ends of the rails of the other section of the fence. The clevises are then applied so as to tighten the connection of the strips C around the rails, and the wire brace F is attached in the manner shown, a portion, a, connecting each end of the transverse bottom strip, D, to the post, and the loop E encircling the strips, thereby holding the parts of the post together.

It will be seen that the rails of the fence rest upon the loop of the wire brace and prevent the same from working upward, and the weight of the rails also serves to press the brace in a downward direction.

It is well known that by the ordinary brace, when the lower ends of the post become rotten, the fence soon begins to yield; but by means of the construction which I have shown the brace pulls upon the post on each side, secures the sections of the post together, and prevents the rails from separating, so that should the post become rotten the efficiency of the fence will not be impaired in any way.

My improved brace is simple in its construction, inexpensive to manufacture, and will prove of great service when applied to fences in the manner shown. It may be constructed of any suitable material to suit the necessary purposes.

Having described my invention, I claim--

In a fence, the combination, with the post formed of two parallel strips, C, of the rails projecting through the space between the strips, clevises securing the strips together at intervals, and a wire brace, F, attached to each end of a transverse bottom strip, D, and inclining upward so as to connect with the post, a loop, E, being formed with said brace, so as to encircle the strips of the post, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ROBERT C. ROTH.

Witnesses:

ANTHONY STEPINGTON,  
GEO. W. WEEKS.