

D. J. CLARK.

Improvement in Railway-Rail Splices.

No. 127,570.

Patented June 4, 1872.

Fig. 1.

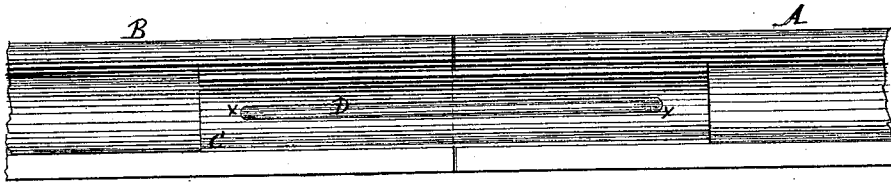


Fig. 2

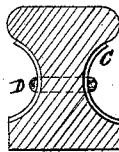
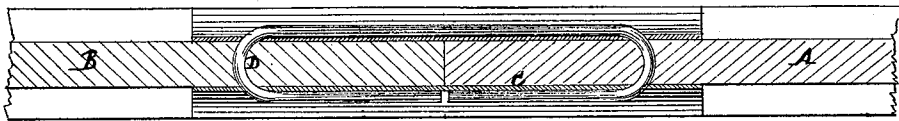


Fig. 3



Witnesses.

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UNITED STATES PATENT OFFICE.

DANIEL J. CLARK, OF EVANSVILLE, INDIANA.

IMPROVEMENT IN RAILWAY RAIL-SPLICES.

Specification forming part of Letters Patent No. 127,570, dated June 4, 1872.

To all whom it may concern:

Be it known that I, DANIEL J. CLARK, of Evansville, in the county of Vanderburgh and in the State of Indiana, have invented certain new and useful Improvements in Connection for Railroad Rails; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

In the annexed drawing making part of this specification, Fig. 1 represents a side view of my rail. Fig. 2 represents a vertical section. Fig. 3 represents a longitudinal cross-section.

In the figures, A and B represent two contiguous railroad rails made in the form of those in general use. C is a metallic plate, either cast or made of wrought-iron. This plate is made long enough to suitably break the joint between the rails. Two plates are used, one on each side of every joint. Through the thinnest portion of the rails and through the centers of the plates near their ends are drilled suitable holes corresponding with each other.

A wrought-iron rod, D, is passed through these holes, being bent, as seen, in the shape of a chain-link. This rod, when bent and closed snugly against the sides of the plates, serves to finish the joint, locking and binding the two rails securely together. It will readily be seen that with this lock the rails can neither ride up at their ends nor have any lateral play.

More than one locking-rod may be used, if desired, and the ends may be keyed in place after being bent around the rails, if preferred.

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

The plates C C and one or more locking-rods, D, in combination with the rails A and B, for the purpose of securing the same together, as is herein fully set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of March, 1871.

DANIEL J. CLARK.

Witnesses:

A. N. MARR,

A. A. YEATMAN.