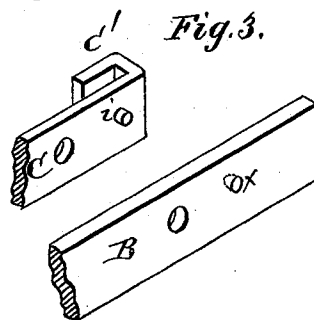
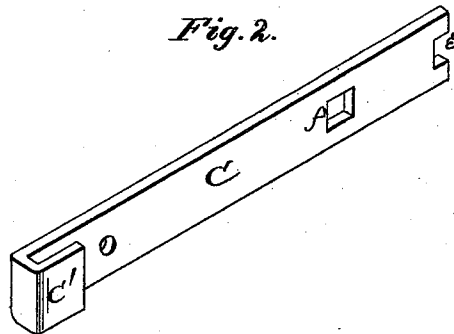
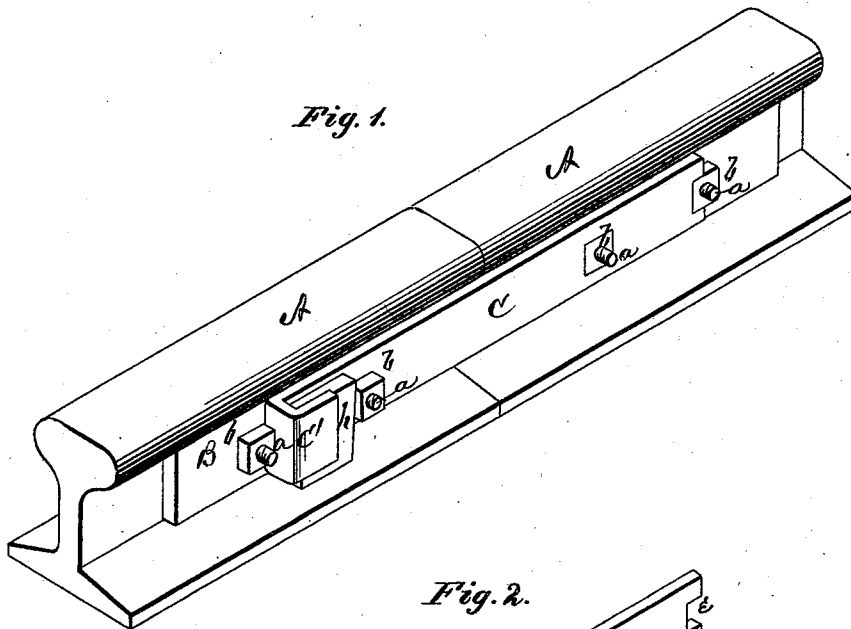


G. W. HENRY.
NUT-LOCK.

No. 171,804.

Patented Jan. 4, 1876.



WITNESSES

Henry N. Miller
C. L. Ewer

INVENTOR

George W. Henry
By Alexander Mason

UNITED STATES PATENT OFFICE.

GEORGE W. HENRY, OF BLOOMINGTON, ILLINOIS.

IMPROVEMENT IN NUT-LOCKS.

Specification forming part of Letters Patent No. **171,804**, dated January 4, 1876; application filed May 19, 1875.

To all whom it may concern:

Be it known that I, GEORGE W. HENRY, of Bloomington, in the county of McLean and in the State of Illinois, have invented certain new and useful Improvements in Nut-Holders for Rails of Railroad-Tracks; and 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, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a nut-lock, as will be hereinafter more fully set forth.

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

Figure 1 is a perspective view of a railroad-joint with my nut-locking device in place thereon. Figs. 2 and 3 are detached views of the nut-lock or nut-holder.

A A represent the adjoining ends of two railroad-rails. B is the fish-bar; *a a*, the bolts; and *b b*, the nuts. The rails are strapped together in the usual way, with four bolts and nuts. The nut-locking device or nut-holder is a bar, *c*, made of iron or steel, of suitable width and thickness. At one end of this bar is a slot, *e*, of a size to fit the sides of the nuts used. At the proper distance from the slot, and at a point sufficiently near the end of the rail to receive the next nut, is a square hole, *f*, large enough to receive the nut, and

fitting so close that it cannot move. The other end of the nut-holder *c* is square, and is doubled back, leaving a flat opening between the flange *c'* and the principal part of the holder, to receive a flat key, *h*, made of wood or iron. This end of the holder fits squarely against the side of the nut, which is thereby prevented from turning. The nut next to this and nearest the end of the rail is held in place by the key *h*. On the inner or under side of the bar or holder *c*, at or near the end where the flange *c'* is bent over, is formed or attached a projecting pin, *i*, which enters the fish-bar B or other article to which it is to be affixed, in a hole or recess, *x*, made therein for that purpose. This feature is especially applicable when the nut-holder is made for one nut only, as thereby the holder is prevented from turning around.

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

In combination with the bar B, having perforations *x* and one or more bolts and nuts, the bar C, having bent end *c'* and pin *i*, and the wedge *h* inserted in the fold of the bar, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of January, 1875.

GEORGE W. HENRY.

Witnesses:

W. M. HATCH,

C. R. BUSH.