

— J. M. HORTON. —

No. 119,360.

"NUT-LOCK". Patented Sep. 26, 1871.

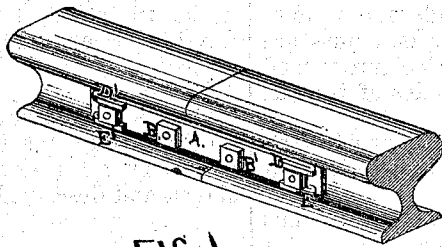


FIG. 1.

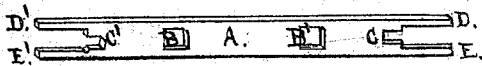


FIG. 2.

"WITNESSES".
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UNITED STATES PATENT OFFICE.

JOHN M. HORTON, OF MILWAUKEE, WISCONSIN, ASSIGNOR TO HIMSELF AND
HIRAM W. FOOTE, OF SAME PLACE.

IMPROVEMENT IN DEVICES FOR LOCKING-NUTS.

Specification forming part of Letters Patent No. 119,360, dated September 26, 1871.

To all whom it may concern:

Be it known that I, JOHN M. HORTON, of Milwaukee, in the county of Milwaukee, in the State of Wisconsin, have invented certain Improvements in Nut-Locks, of which the following is a specification:

My invention is a nut-lock or washer which, when put onto a series of bolts and nuts, prevents the nuts from turning and keeps them in position. The center of this lock has square holes punched in it to receive bolt-heads, and nuts to prevent them from turning. The end nuts are screwed down, and the ends of the lock are turned up and flattened down on the sides of the nut and prevents it from turning.

Figure 1 is a view of a rail and joint with the lock attached; Fig. 2, a view of the lock open and ready to be put on.

A is the iron plate with the slots and holes cut in it to form the lock. B and B' are square holes punched in the iron A to receive the nuts and heads on the ends of the bolts. C and C' are slots in the ends of the iron just large enough to

receive the bolts. E and E' are prongs that extend out beyond the nut and bolt, and D and D' are prongs on the other side of the bolts and nuts.

The operation of this lock is as follows: The bolts are put through the rail and the fish-joints on the sides, and the nuts are put onto the center bolts and secured up in place, then the lock is put on over these two nuts already screwed down, and the nuts put on at the ends and screwed down, and the ends D and E are turned back, as shown in Fig. 1. This lock can be used on anything else where there are two bolts only, if desired.

I claim—

The locking-plate A having the angular perforations B B', the slots C C', and the locking-lips D D', all these parts being arranged as shown and described.

JOHN M. HORTON.

Witnesses:

ALBERT E. FOOTE,
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