

(No Model.)

W. HOGUE & J. R. DAVIS.

NUT LOCK.

No. 252,003.

Patented Jan. 3, 1882.

Fig. 1.

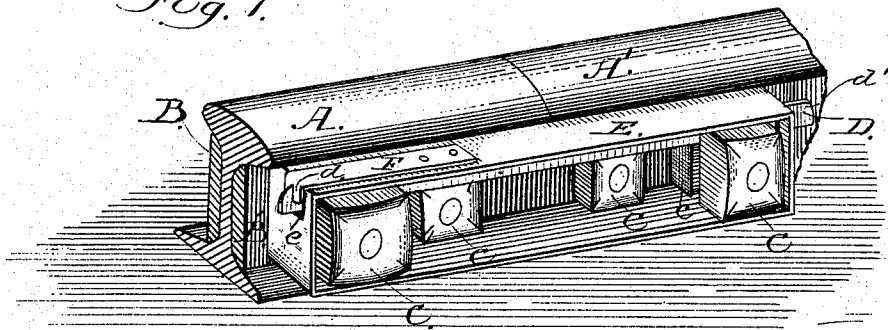


Fig. 2.

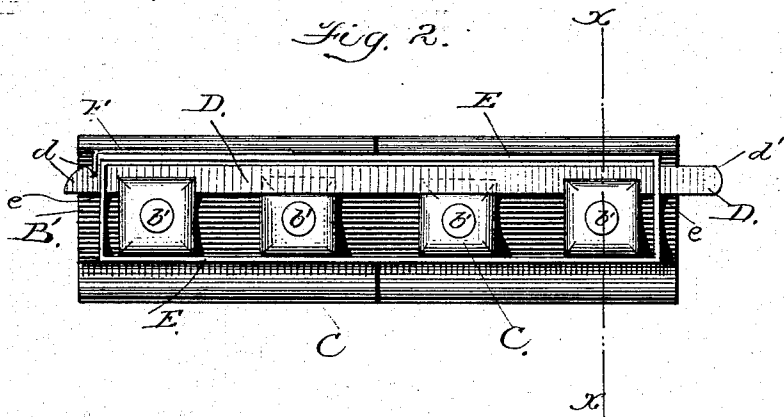
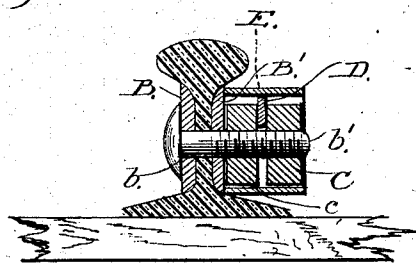


Fig. 3.



Witnesses;

Walter Fowler
H. H. Ranch

Inventors;

Wm Hogue
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Per Atty
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UNITED STATES PATENT OFFICE.

WILLIAM HOGUE AND JOSEPH R. DAVIS, OF BELLAIRE, OHIO; SAID DAVIS
ASSIGNOR OF ONE-HALF HIS RIGHT TO O. T. BLACKBURN.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 252,003, dated January 3, 1882.

Application filed May 31, 1881. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM HOGUE and JOSEPH R. DAVIS, of Bellaire, county of Belmont, and State of Ohio, have invented a new and useful Improvement in Nut-Locks, of which the following is a specification.

Our invention relates to improvements in nut-locks for railroad-rails, and the object thereof is to provide suitable means for the better securing of the bolts and nuts more firmly in their places in such a manner that they will not be apt to loosen very materially when the cars are passing over the rails; and the invention consists in the novel construction and arrangement of the several parts thereof, as will be hereinafter more fully described.

In the accompanying drawings, Figure 1 is a perspective representation of a nut-lock with our improvement attached. Fig. 2 is an elevation of the same. Fig. 3 is a detail referred to.

A A' are two splice pieces or rails of the ordinary construction, and between the flanges of the rails and running longitudinal therewith are two plates or bars, B B', which are provided with suitable holes, *b*, for the reception of screw-bolts *b'*, which pass through said holes and secure the plates and rails together by means of nuts C in the ordinary and well-known manner. Upon each of the end bolts, *b' b'*, which are made longer than the intermediate bolts, are two auxiliary nuts, *c c*, so placed on said end bolts, *b'*, as to leave a space between the nuts *c c* on said bolts and the nuts C C on the same bolts wide enough for the purpose of admitting a keeper, D, to pass freely between them.

D is the keeper, which is somewhat similar to an ordinary gate-latch in construction, and provided with a notch, *d*, near its front and curved end; and it has also on its opposite end a projection, *d'*, the purpose of which will be hereinafter explained.

E is a detachable band, rectangular in form, running longitudinally with the rails and fitting over the aforesaid nuts and bolts, and which has near the upper corners of each end slots *e e*, through which passes the keeper D,

this keeper being held in place by said slots in the rectangular band E.

F is a flat spring, riveted or secured in any suitable manner to the band E, at the top near one end, and the other end of the spring F is bent down at right angles and over the end of the band E, and engages in the notch in the end of the keeper, the projection at one end of the keeper and the notch at the other end, together with the spring F and slots *e e* in the band E, serving to securely hold the nuts and bolts firmly.

Operation: In using our invention, all that is required for the operator to do is to fit the band in its position around and over the nuts and bolts, and up snugly against the plates B, and fasten it in position by the keeper D and spring F, when it is then ready to resist the effect of travel over the rails; and if at any time it becomes necessary to remove the band for the purpose of taking the rails apart, it can simply and easily be done by pressing the spring upwardly, when the spring disengages with the notch in the keeper and the keeper is then withdrawn from the band, and the band is released from its position on the nuts, and the nuts can then be unscrewed and the rails taken apart, which makes our invention simple, cheap, and durable in its construction.

It is evident that our invention is applicable to other uses than securing fish-plates, and may be applied whenever nuts are to be secured on two or more bolts.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The band E, provided with the spring F and the keeper D, in combination with the bolts *b' b'*, provided with the nuts C and *c*, all constructed to operate substantially as and for the purpose set forth.

WILLIAM HOGUE.
JOSEPH R. DAVIS.

Witnesses:

O. T. BLACKBURN,
D. W. COOPER.