

No. 835,940.

PATENTED NOV. 13, 1906.

E. P. DILLEY.
NUT LOCK.

APPLICATION FILED MAY 22, 1906.

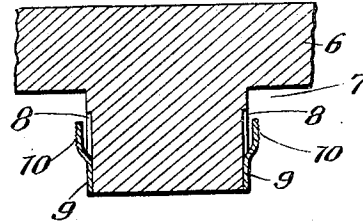
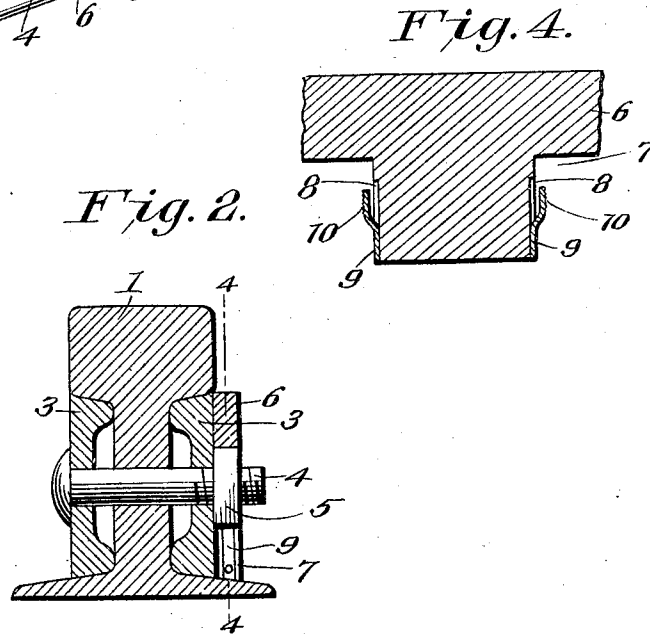
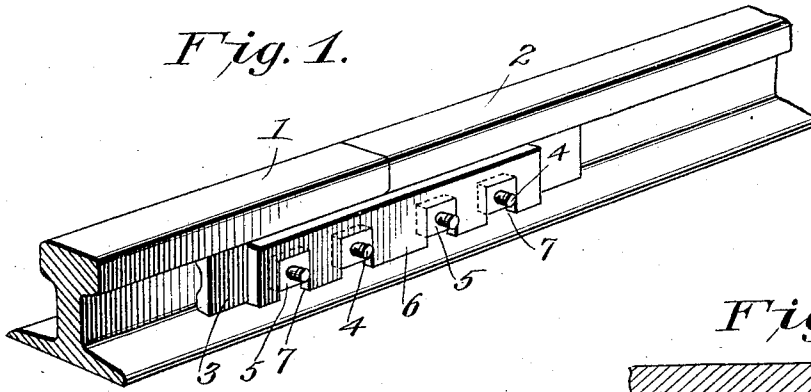
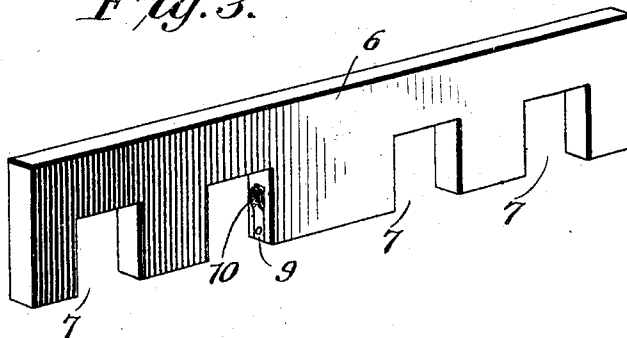


Fig. 3.



Inventor

E. P. Dilley

Witnesses
M. C. Lyddane
A. H. Hill

By *W. J. Fitzgerald & Co.*
Attorneys

UNITED STATES PATENT OFFICE.

EUGENE PERRY DILLEY, OF PHOENIX, MISSISSIPPI.

NUT-LOCK.

No. 835,940.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed May 22, 1906. Serial No. 318,209.

To all whom it may concern:

Be it known that I, EUGENE PERRY DILLEY, a citizen of the United States, residing at Phoenix, in the county of Yazoo and State of Mississippi, have invented certain new and useful Improvements in Nut-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in nut-locks, and more particularly to that class adapted to be used in connection with railway-rail construction, and my object is to provide an article of this class which will securely hold the nuts on the bolts used in securing the fish-plates to railway-rails.

Other objects and advantages will be hereinafter referred to, and more clearly pointed out in the claims.

Referring to the drawings, which are made a part of this application, Figure 1 is a perspective view of my improved nut-lock as applied to use on railway-rails. Fig. 2 is a transverse sectional view through the rail and parts secured thereto. Fig. 3 is a perspective view of my improved locking mechanism, and Fig. 4 is a detail sectional view as seen from line 4 4 of Fig. 2.

Similar reference-numerals designate corresponding parts of my invention throughout the several views, and in which 1 and 2 indicate the meeting ends of a pair of railway-rails, and said rails are secured together by means of the usual or any preferred form of fish-plates 3. The fish-plates are secured to the rail by means of a plurality of bolts 4 passing through said fish-plates and rails, and said bolts are securely held in place by means of nuts 5. After the nuts 5 have been turned home upon the bolts 4 I employ a locking mechanism to retain all of said nuts in their adjusted position, and to this end I have provided a locking-bar 6, said bar being of sufficient length to engage all of the bolts employed in securing the fish-plates to the rails, said locking-bar being provided in its lower edge with a plurality of notches 7, said notches being equal in number to the number of bolts employed.

In order to hold the locking-bar 6 securely in place after the same has been placed in engagement with the nuts, I have provided in one face of a portion of the notches 7 grooves 8, in which are seated outwardly-projecting spring-tongues 9, said tongues being secured in the grooves in any preferred manner. The upper ends of the tongues 9 are directed outwardly and have their faces provided with serration 10, so that when the locking-bar 6 is directed over the nuts the spring-tongues 9 will engage one edge of the nuts and the serrations thereon prevent casual displacement of the locking-bar. While I have shown the spring-tongues as applied to a portion of the notches only, it will be clearly understood that each of the notches may be provided with a spring-tongue, if desired, although I do not deem it necessary to provide more than two of said notches with the tongues.

It will now be clearly seen that I have provided a cheap and useful device and one that may be readily applied to use.

What I claim is—

1. In a device of the class described the combination with bolts having nuts thereon, of a locking-bar having a plurality of notches in its lower edge adapted to receive the nuts on said bolts, said notches having a groove in one face thereof and a spring-tongue secured in said groove, said tongue having its free end directed outwardly and the face thereof provided with serrations, whereby when the locking-bar is placed in position upon the nuts, said bar will be held from casual displacement.

2. The herein-described nut-lock comprising a bar having a plurality of notches in its lower edge and spring-tongues seated in grooves in one wall of said notches, the free ends of said tongues being directed outwardly and the face thereof serrated.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EUGENE PERRY DILLEY.

Witnesses:

MONROE KLING,
G. R. BOEBERG.