

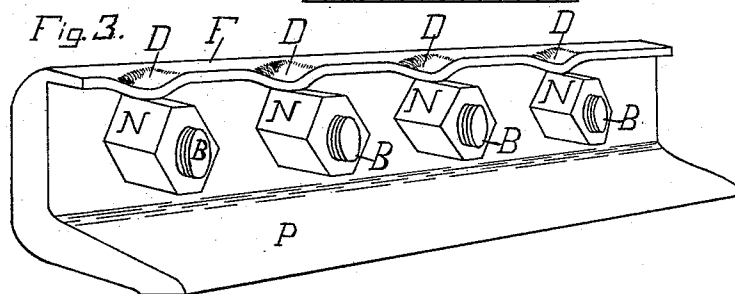
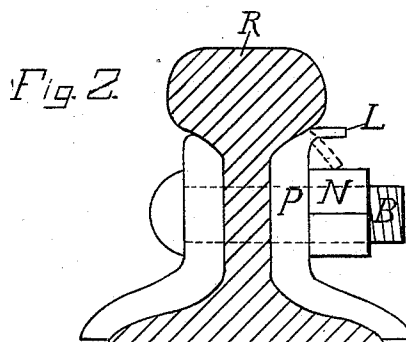
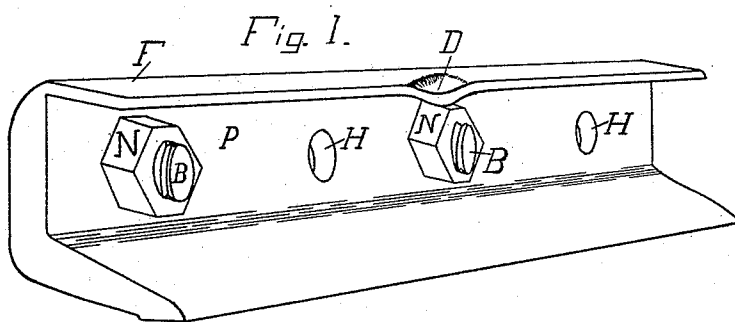
(No Model.)

H. H. ALLEN.

NUT LOCK.

No. 399,813.

Patented Mar. 19, 1889.



Witnesses,
Mildred J. Hale
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UNITED STATES PATENT OFFICE.

HOMER H. ALLEN, OF ELSINORE, ASSIGNOR OF ONE-HALF TO JULIUS C. BROWN, OF LOS ANGELES, CALIFORNIA.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 399,813, dated March 19, 1889.

Application filed October 18, 1888. Serial No. 288,465. (No model.)

To all whom it may concern:

Be it known that I, HOMER H. ALLEN, a citizen of the United States, residing at Elsinore, in the county of San Diego and State of California, have invented a new and useful Improvement in Nut-Locks, of which the following is a specification.

My invention relates to that class of nut-locks in which the fish-plate itself is designed to serve as the means for locking the nut against turning; and the invention consists in a fish-plate provided with a laterally-projecting flange along its upper edge, which, when bent down, shall bear against the nut and effectually prevent the latter from turning.

In the drawings, Figure 1 is a perspective view of my improved fish-plate, showing a portion of the flange bent down to engage one of the nuts; Fig. 2, an end view, and Fig. 3 a perspective view showing several nuts held against turning by means of my invention.

I desire to state here that I am aware that various devices have before been patented, but in nearly every instance they have formed attachments to be used in connection with the ordinary fish-plate or have rendered necessary the use of specially-constructed tools. In these particulars, therefore, and in the means employed for holding the nut against turning my invention differs from these prior devices to which I have above referred.

R indicates the rails; P, the fish-plates; H, holes therein; B, bolts passing through the holes; N, the nuts applied to said bolts, and

F the flange projecting laterally from the outer face of the plate P along its upper edge. After the plates are applied and the nuts screwed up it is only necessary to tap the flange F with a hammer or wrench and to bend it down, as shown at D, Figs. 1 and 3, and by dotted lines in Fig. 2, so that it will bear against the nut, the bent portion of the flange preventing, effectually, the turning of the nut. The formation of the flange on the fish-plate in no way interferes with the rolling of the latter and adds but little to the expense. When it is desired to remove the nut, the bent portion of the flange may be pried up, so that it will not bear upon the nut, the continuity of the flange preventing it from breaking in thus bending.

Having now described my invention and set forth wherein it differs from those that have preceded it, what I claim is—

1. As an improved article of manufacture, a fish-plate provided with a pliable laterally-extending flange adapted to be bent down upon the nut to be locked.

2. In combination with the rails, the fish-plates applied thereto, a bolt extending through the plates and rails and provided with a nut, and a pliable laterally-extending flange projecting from the upper edge of one of the plates and adapted to be bent down upon the nut, all substantially as shown.

HOMER H. ALLEN.

Witnesses:

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