

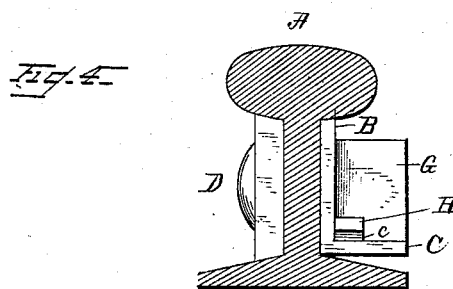
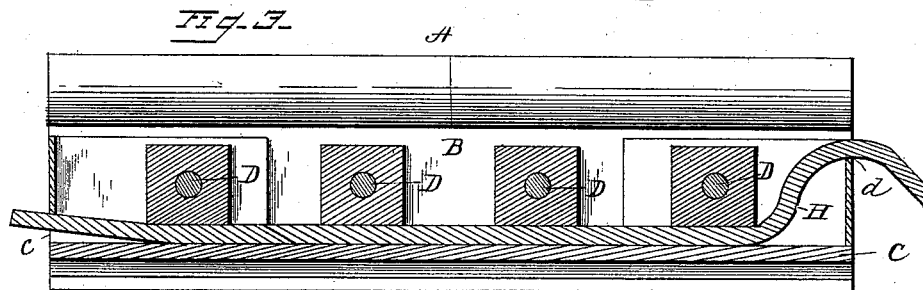
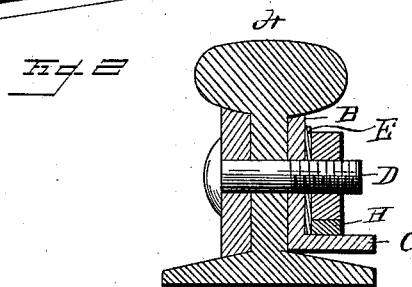
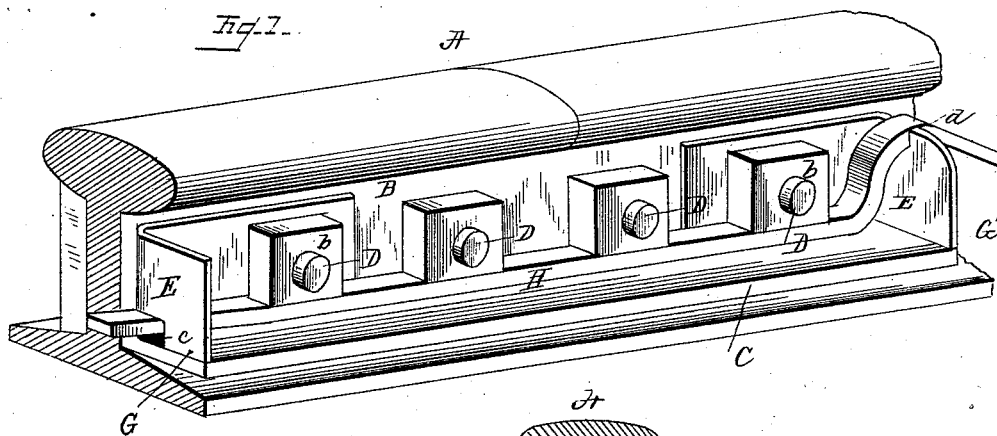
(No Model.)

M. F. DILLON.

NUT LOCK.

No. 301,870.

Patented July 15, 1884.



WITNESSES
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MILLARD FILLMORE DILLON, OF GILLESPIE, ILLINOIS.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 301,870, dated July 15, 1884.

Application filed April 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, MILLARD F. DILLON, a citizen of the United States, residing at Gillespie, in the county of Macoupin and State of Illinois, have invented a new and useful Nut-*Lock*, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to nut-locks; and it has for its object to provide a device of this character which shall possess superior advantages in point of simplicity, durability, and general efficiency.

With these ends in view the invention consists in the combination, with a fish-plate of novel construction, of locking-plates and a locking-bar.

In the drawings, Figure 1 is a perspective view of a nut-lock constructed in accordance with my invention. Fig. 2 is a transverse section of the same. Fig. 3 is a longitudinal section, and Fig. 4 is an end elevation.

In the accompanying drawings, in which like letters refer to corresponding parts in the several figures, A represents the rail-sections to be connected together, the same being provided with suitable openings for the passage of the securing-bolts.

B represents the fish-plate, which is located on the outer sides of said rail-sections, to connect the joint thereof. This fish-plate is provided at its lower end with an outturned portion or flange, C, and is provided with suitable openings, which register with the openings of the said rail-sections.

D represents the securing-bolts, which are adapted to pass through the openings of the rail-sections and of the fish-plate, which, as before mentioned, register with one another, and of which there can be as many as may be desired or found necessary. Upon the two end securing-bolts of each section are provided locking-plates E, which are held in position upon said bolts by means of nuts *b*. These locking-plates E are provided at their outer ends with outwardly-extending flanges G G', the flange G being provided with a notch or recess upon its under side, while the flange of the adjacent locking-plate is provided with a similar notch or recess on its upper side.

H represents the locking-bar, one end of

which is inserted in the notch or recess of the flange G, and which rests upon the flange C of the fish-plate B, and bears against the securing-nuts upon their undersides. The other end of the locking-bar H is bent upwardly and engaged with the notch or recess *d* of the flange G'. The end may be then bent downwardly to secure the same. The bolts are first passed through the usual openings in the rail and the fish-plate. The locking-plates E are then adjusted upon the bolts, and the nuts placed on said bolts and tightened. The locking-bar is then inserted, one end through the opening *c* of the flange of one locking-plate, and then passed below the under side of the nuts, and rests upon the flange C. The other or bent end is forced upwardly and slid into the slot *d* in the flange G' of the other locking-plate.

By this construction of nut-lock it will be readily seen that all possibility of the nuts becoming loose, and their consequent detachment, is prevented.

It will be further apparent that my improved nut-lock is simple in its construction, readily applied, and that it affords effective and serviceable means for the purposes for which it is designed.

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

1. In a nut-lock, the combination, with a fish-plate provided at its lower end with an outwardly-extending flange, of locking-plates adapted to be secured upon the securing-bolts, said locking-plates being provided at their outer ends with flanges, and a locking-bar adapted to engage the same, substantially as set forth.

2. In a nut-lock, the combination, with a fish-plate provided at its lower end with an outwardly-extending flange, of locking-plates mounted upon the securing-bolts and provided at their outer ends with outwardly-projecting flanges, one of said flanges being provided with a notch or recess upon its under side, while the other flange is provided with a similar notch or recess upon its upper side, and a locking-bar adapted to engage the same, as set forth.

3. In a nut-lock, the combination, with a

fish-plate provided at its lower end with an
outwardly-extending flange, of locking-plates
provided at their outer ends with outwardly-
extending flanges, one of which is provided
5 with a notch or recess upon its upper side,
while the other is provided with a similar
notch or recess upon its under side, and a
locking-bar, one end of which is inserted and
bears in the slot formed upon the under side
10 of one of said flanges, resting upon the out-
wardly-extending flange of the fish-plate, to

secure the nuts against displacement, its other
end being bent upwardly to engage the
notch or recess of the other flange, as set forth.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
presence of two witnesses.

MILLARD FILLMORE DILLON.

Witnesses:

J. H. WILLARD,

WM. LOVE.