W. DUNCAN.

Nut-Locks.

No. 154,325. Patented Aug. 25, 1874.

Fig. 1.

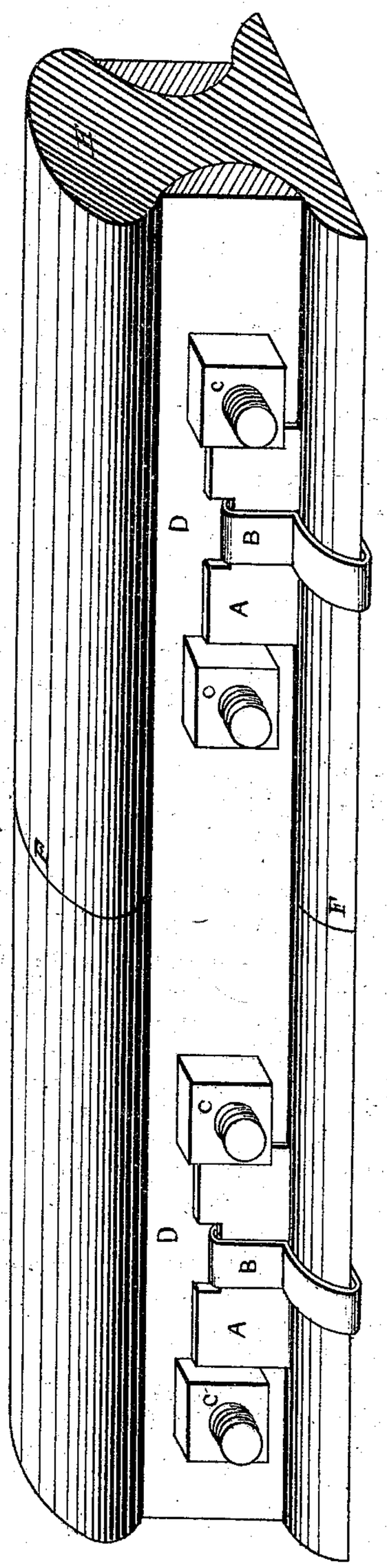
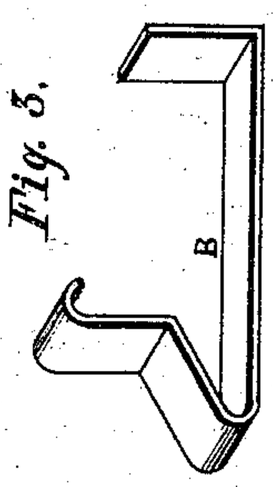


Fig. 2.

Fig. 3.



Witnesses:

C. W. Baldwin
C. E. Lewis

Inventor:

William Duncan

UNITED STATES PATENT OFFICE.

WILLIAM DUNCAN, OF LEBANON, NEW HAMPSHIRE.

IMPROVEMENT IN NUT-LOCKS.

Specification forming part of Letters Patent No. **154,325**, dated August 25, 1874; application filed May 29, 1874.

To all whom it may concern:

Be it known that I, WILLIAM DUNCAN, of Lebanon, in the county of Grafton and State of New Hampshire, have invented certain Improvements in Nut-Locks for fish-joints for railroads, of which the following is a specification:

My invention relates to and has for its object securing a block or plate of wood or metal between the nuts upon the bolts of a railway fish-joint, by the combination therewith of a metallic clasp passing under the rail and turning up at each end, and bearing against the plate, as will hereinafter be more fully described, reference being had to the accompanying drawing forming part of this specification.

Figure 1 shows the two rails joined together. Fig. 2 shows the plate that goes between the nuts. Fig. 3 shows the clasp that passes under the rail and presses against the plate.

A designates the plate that goes between the nuts to keep them from turning. B designates the clasp that goes under the rail to keep the plate in its place. C designates the nuts on the bolts that go through fish-plates and rails. D designates the fish-plates that go on each side of the rail to keep the joint together. E designates the rail connected together with fish-plates and bolts. When the rails are laid in place the fish-plates are put on each side of them, and bolts are put through fish-plate and rail. The nuts are screwed on next to the fish-plates. The plate A is put between the nuts, and the clasp B is put under the rail to hold the plate A in its place. The clasp B is turned up at each end. The short or inside end is for the purpose of holding it to the rail while the long end is bent, so as to press against the plate A to hold it up to the fish-plate. The long end is bent over about the thickness of the plate A to keep it from working up, and a notch in plate A is for the purpose of receiving the end of the clasp, so as to prevent it from moving either way.

What I claim as my invention, and wish to secure by Letters Patent is—

The clasp B attached to the rail and locking-plate, as shown, in combination with the latter.

WILLIAM DUNCAN.

Witnesses:

FRANCIS A. CUSHMAN,

O. W. BALDWIN.