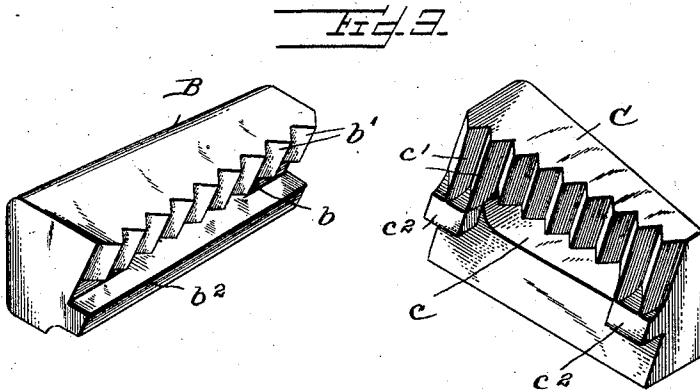
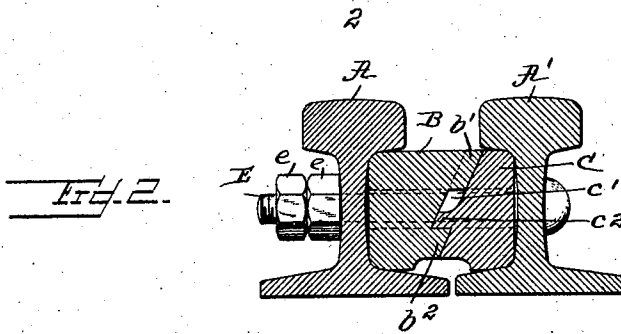
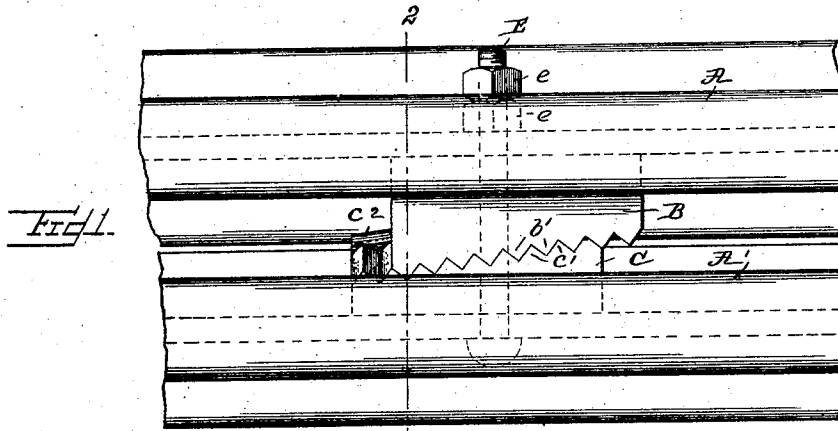


No. 853,254.

PATENTED MAY 14, 1907.

H. E. MILLER.
ADJUSTABLE GUARD RAIL CHOCK.
APPLICATION FILED APR. 11, 1906.



WITNESSES:

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HOWARD E. MILLER, OF JOHNSTOWN, PENNSYLVANIA, ASSIGNOR TO THE
LORAIN STEEL COMPANY, A CORPORATION OF PENNSYLVANIA.

ADJUSTABLE GUARD-RAIL CHOCK.

No. 853,254.

Specification of Letters Patent.

Patented May 14, 1907.

Application filed April 11, 1906. Serial No. 311,043.

To all whom it may concern:

Be it known that I, HOWARD E. MILLER, of Johnstown, in the county of Cambria and State of Pennsylvania, have invented a new and useful Improvement in Adjustable Guard-Rail Chocks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in adjustable rail chocks, and it has for its object to provide a simple, cheap, durable, and efficient device of this character which can be readily applied, and is capable of adjustment, while the several members will be held in perfect alignment with relation to each other.

20 With these objects in view my invention consists in the novel construction, arrangement, and combination of parts, all substantially as hereinafter described and pointed out in the appended claims, reference being had to the accompanying drawings in which—

25 Figure 1, is a plan view of a rail, and guard rail, with my improved chock secured thereto. Fig. 2 is a sectional view on the line 2—2 of Fig. 1 Fig. 3 is a perspective view of the several parts of my improved chock.

30 A is the main rail, and A' the guard rail, both of the well known T-rail cross section. Placed between these rails is the chock, which is composed of the members B and C. The contiguous face of each member is at an angle with relation to both the horizontal and vertical plane of the members.

35 E is the locking bolt, e — e the nuts therefor. The bolt E passes through orifices in the rails A, A', and the elongated slots b and c in the respective chock members B and C. The upper portion of the angular face of the member B, is provided with teeth or corrugations b' . Running along the lower portion of this face is a rib or flange b^2 . The upper portion of the angular face of the member C is also provided with teeth or corrugations c' .

Below the teeth c' are the lugs or projections c^2 . The teeth b' and c' of the two members engage each other while the lugs c^2 rest on the rib b^2 . It will therefore be seen by reference to the drawings that when the two members are bolted together, they are positively locked from horizontal movement by means of the teeth. B is locked from an upward movement, while C is locked from a downward movement by means of the flanges b^2 and c^2 . The member B is held from a downward movement by means of its greater width at the top, and the member C is held from an upward movement by means of the greater width at the bottom.

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

1. In an adjustable chock, having wedge members, the adjacent face of each member being at an angle with relation to both the vertical and horizontal plane, and also having interlocking teeth.

2. In an adjustable chock having wedge members, the adjacent face of each member being at an angle with relation to both the vertical and horizontal plane, and also having interlocking teeth and flanges at an angle with each other.

3. In an adjustable chock, a main rail, a guard rail, and two spacing blocks tapered both ways, in combination with interlocking teeth and flanges at an angle to each other.

4. An adjustable chock having two wedge members, the bearing faces of which are oblique planes with relation to the vertical and provided with interlocking teeth and projections.

In testimony whereof, I have affixed my signature in presence of two witnesses.

HOWARD E. MILLER.

Witnesses:

L. O'CONNELL,
H. W. SMITH.