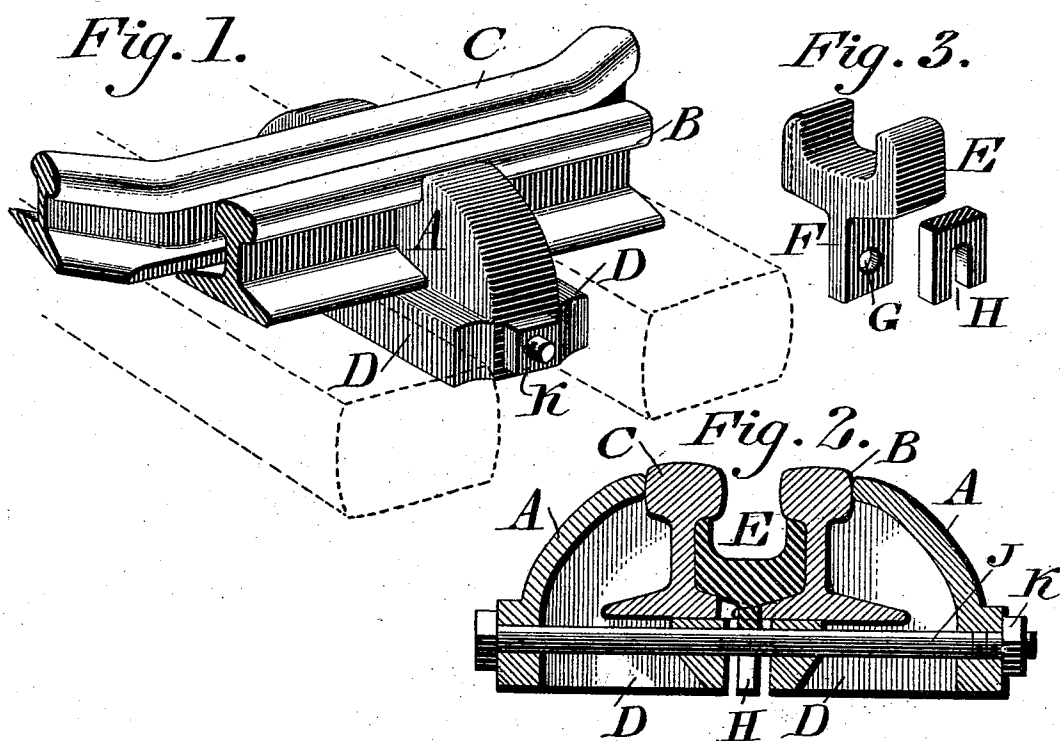


(No Model.)

D. B. RUFFNER.
CLAMP FOR RAILROAD RAILS.

No. 517,665.

Patented Apr. 3, 1894.



WITNESSES:

P. H. Chagler.
L. Dowville.

INVENTOR

Daniel B. Ruffner
BY John A. Diederichsen
ATTORNEY.

UNITED STATES PATENT OFFICE.

DANIEL B. RUFFNER, OF PHILADELPHIA, PENNSYLVANIA.

CLAMP FOR RAILROAD-RAILS.

SPECIFICATION forming part of Letters Patent No. 517,665, dated April 3, 1894.

Application filed October 22, 1892. Serial No. 449,587. (No model.)

To all whom it may concern:

Be it known that I, DANIEL B. RUFFNER, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Clamps for Railroad-Rails, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of improvements in clamps for guard or other railroad rails, as will be hereinafter set forth.

Figure 1 represents a perspective view of a rail guard embodying my invention. Fig. 2 represents a transverse section thereof. Fig. 3 represents a perspective view of a detached portion thereof.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings:—A designates two hollow cheek pieces or clamps, whose inner sides conform to the shape of the upper faces of the flanges, and the sides of the webs and heads of the rails B and C, so as to embrace the same.

D designates the bases of said cheek pieces which project inwardly from the lower ends of said pieces, and are adapted to have the rails B and C seated thereon. Interposed between the rails B and C is a filling piece E, which rests against the flanges and webs and heads of the rails B and C, said filling piece

having a depending stem F which occupies a position between the inner ends of the flanges, and has an opening G or slot H therein for the passage therethrough of the bolt J, it being noticed that said bolt passes horizontally through the bases D, and is provided with a nut K, whereby when said nut is tightened, it is evident that the cheek pieces and filling piece are firmly clamped against the rails, and said rails firmly connected and braced as one.

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

1. A main rail, a guard rail, hollow cheek pieces supporting said rails, a filling piece in contact with said rails, and having a depending flange, and a connecting bolt, said parts being combined substantially as described.

2. A clamp for railroad rails consisting of hollow cheek pieces adapted to support both a main and a guard rail a filling piece in contact with the head, web and flanges of the rails and having a depending flange, and a bolt passing through said cheek pieces and depending flange, said parts being combined substantially as described.

DANIEL B. RUFFNER.

Witnesses:

JOHN A. WIEDERSHEIM,
R. H. GRAESER.