

C. B. ENLOE,
RAIL FASTENER.
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1,166,975.

Patented Jan. 4, 1916.

Fig. 1.

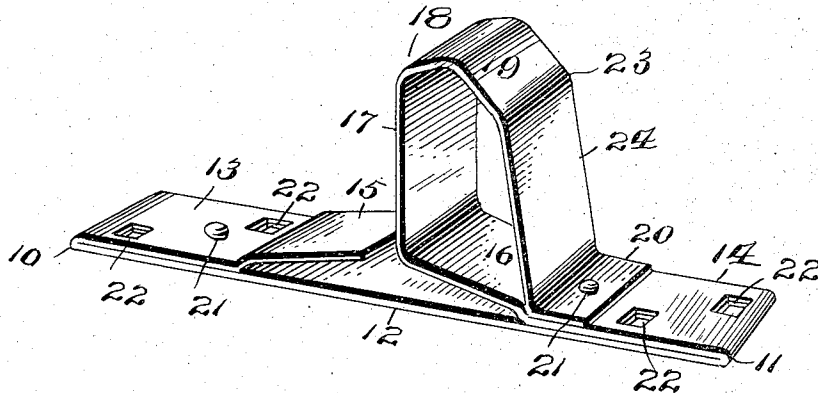
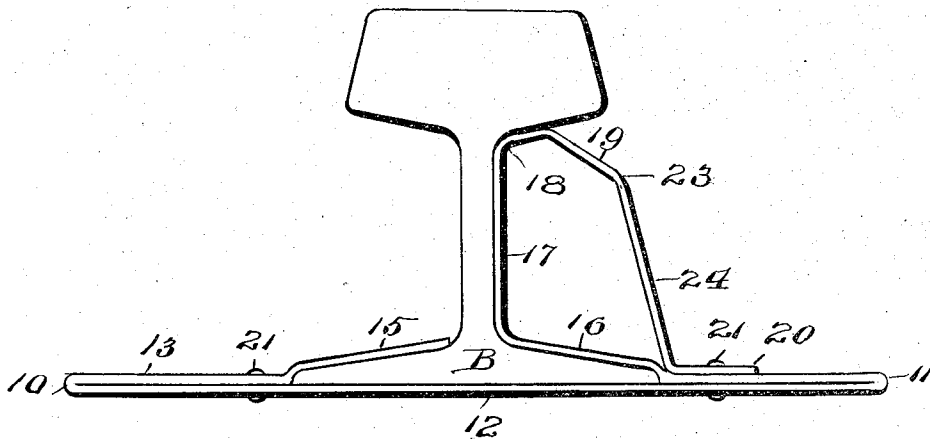


Fig. 2.



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CLYDE B. ENLOE, OF JUDSON, NORTH CAROLINA.

RAIL-FASTENER.

1,166,975.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CLYDE B. ENLOE, a citizen of the United States, residing at Judson, in the county of Swain and State of North Carolina, have invented certain new and useful Improvements in Rail-Fasteners, of which the following is a specification.

This invention relates to rail braces for use in connection with railroad rails.

Heretofore it has been common to cast or forge such braces. The cast braces were open to objection of fracturing under shock while forged braces are expensive.

The object of the present invention is to produce a simple, economical and efficient brace for the purpose constructed of a strip of rolled plate.

With the above and other objects in view, as will be hereinafter apparent, the invention consists in general of an improved rail brace constructed and formed as hereinafter set forth and claimed.

In the accompanying drawings, like characters of reference indicate like parts in the several views, and:—Figure 1 is a perspective view of a rail brace constructed in accordance with this invention. Fig. 2 is an end view of a rail showing the brace applied thereto.

In constructing this brace a strip of metal, preferably of uniform width and thickness is employed. This strip is bent in spaced relation to each end as at 10 and 11 to provide between these bends a base portion 12 on the central part of which rests the rail B. The portions of the strip adjacent the base portion extend in contact with the upper side of the base on opposite sides of the rail as at 13 and 14. The end 13 is bent up to rest on the upper side of the rail flange or base as at 15 while the portion 14 is continued in an upwardly inclined portion 16 resting on top of the other rail flange, being continued up alongside the web as at 17, thence bent outwardly to fit beneath

the rail head as at 18, thence bent downward to form an angled portion 19, and again bent at 23 to form the vertical portion 24 and finally bent to form a foot 20 resting on top of the portion 14. Rivets 21 serve to hold the parts in position as shown and the parts 12, 13 and 14 are provided with suitable spike holes 22.

The brace thus provided is strong and simple in construction and economical to produce.

It is obvious that minor changes may be made in the form and construction of the invention without departing from the principle involved. It is not, therefore, desired to confine the invention to the exact form shown and described but it is wished to include all such as come within the scope claimed.

What is claimed is:—

1. A rail-brace formed of a single strip of metal and bent upon itself to provide two inturned rail-base engaging members one of which is extended upward and bent to furnish rail-web and rail-tread engaging members, and then bent downward and secured to the bottom member of the brace.

2. A rail brace formed of a single length of rolled material having an extremity adapted to engage on top of a rail base flange, said strip being bent and continued outwardly, rebent upon itself to form a base, again rebent upwardly and inwardly upon itself, bent upward at an obtuse angle to engage the top of the other base flange, bent upwardly to engage the rail web, outwardly to engage beneath the rail head, bent downwardly and finally bent outwardly to rest on the second rebent portion.

In testimony whereof I affix my signature in presence of two witnesses.

CLYDE B. ENLOE.

Witnesses:

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