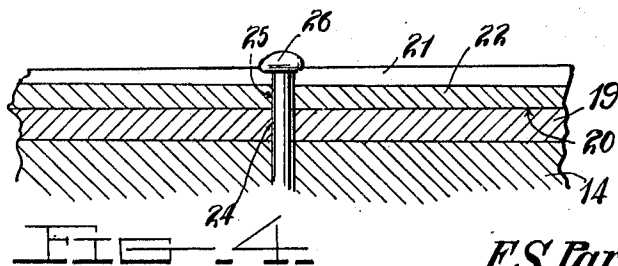


BASE PLATE.

Patented May 21, 1912.

2 SHEETS—SHEET 1.



F.S. Parrigin.

N. C. Fielding.

Chas. B. Williams

By Charles Chandler

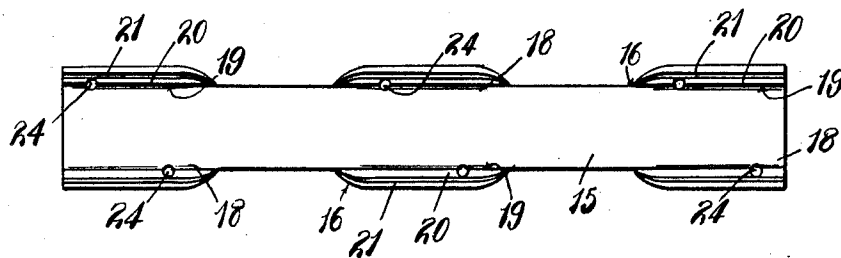
Attorneys

BASE PLATE.

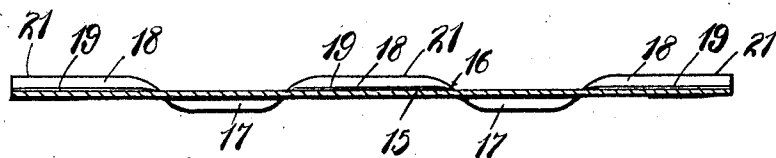
Patented May 21, 1912.

2 SHEETS—SHEET 2.

FIG. 5.



FILE -



M. C. Fielding.
Charles Richardson.

F. S. Parrigin.

डेय

Chrysalis, Chrysalis

Attorneys

UNITED STATES PATENT OFFICE.

FRANK S. PARRIGIN, OF ST. AUGUSTINE, FLORIDA.

BASE-PLATE.

1,026,962.

Specification of Letters Patent.

Patented May 21, 1912.

Application filed October 30, 1911. Serial No. 657,638.

REISSUED

To all whom it may concern:

Be it known that I, FRANK S. PARRIGIN, a citizen of the United States, residing at St. Augustine, in the county of St. John, State of Florida, have invented certain new and useful Improvements in Base-Plates; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in base plates for engagement with railway ties and rails.

An object of this invention is the provision of a novel constructed base plate which is adapted to engage the ties, rails and fish plates at the meeting ends of a pair of rails and hold the same securely against displacement.

Another object of this invention is to improve and simplify devices of this character rendering them comparatively simple and inexpensive to manufacture, reliable and efficient in use and readily operated.

With the above and other objects in view this invention resides in the novel features of construction, formations, combinations and arrangements of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawings, in which:—

Figure 1 is a side elevation of my invention. Fig. 2 is a top plan view thereof. Fig. 3 is a transverse sectional view thereof. Fig. 4 is a longitudinal sectional view taken on the line 4—4 of Fig. 3. Fig. 5 is a top plan view of the base plate removed, and Fig. 6 is a longitudinal sectional view thereof.

Referring to the accompanying drawings by similar characters of reference throughout the several views, the numeral 10 designates generally the meeting ends of a pair of rails, each of which comprises a head 11, outwardly extending base flanges 12 and a connecting web 13, the said rail ends being mounted upon the customary ties 14. A base plate 15 underlies the base flanges 12 of the rail ends and rests upon the ties 14. The opposite longitudinal edges of the base

plate are bent as at 16 to produce depending extensions 17 which project between the adjacent sides of the ties 14 and horizontal extensions 18 enlarged adjacent the inner edges of the bends 16, as indicated by the numeral 19 to produce seats 20 located in planes above the upper surface of the base plate 15 and parallel thereto.

The outer ends of the extensions 18 are provided with vertically extending lateral flanges 21 for engagement with the lower edges of the fish plates 22 which engage the opposite sides of the rail ends and are securely retained thereon against displacement by the usual clamping bolts 23. The enlargements 19 of the extensions 18 are each provided with vertically extending openings 24 which aline with slots 25 formed in the lower edges of the fish plates 22. These openings and slots 24 and 25 receive the shanks of spikes 26 which engage the ties and securely hold the fish plates and base plates against any undesired longitudinal movement.

The heads of the spikes 26 rest upon the edges of the flanges 21 and rest upon the fish plates 22 for the purpose of preventing any undesired displacement thereof.

From the foregoing disclosures taken in connection with the accompanying drawings, it will be manifest that a base plate of the nature described is provided which will fulfil all of the necessary requirements of such a device.

Having thus fully described this invention what I claim as new and desire to protect by Letters Patent, is:

The combination with the meeting ends of a pair of rails and supporting ties therefor, of a base plate underlying the base flanges of the said rail ends and resting upon the ties, depending extensions provided upon the longitudinal edges of the base plate and extending between the ties for engagement with the adjacent faces thereof, horizontal extensions provided upon the longitudinal edges of the base plate between the said depending extensions, enlargements formed upon the horizontal extensions in planes above the plane of the upper side of the base plate and parallel thereto, verti-

cally extending lateral flanges formed upon the outer sides of the enlargements, fish plates engaging the opposite sides of the rails and resting upon the seats produced by
5 the parallel faces of the enlargements and engaging the lateral extensions and spikes passing through slots formed in the lower edges of the fish plates and openings formed

in the enlargements for engagement with the ties.

10

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

FRANK S. PARRIGIN.

Witnesses:

E. E. BRUN,

B. F. ROBINSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."