

W. HESSINGER.
RAIL FOR RAILWAY TRACKS.
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Patented Jan. 17, 1911.

982,061.

Fig. 1.

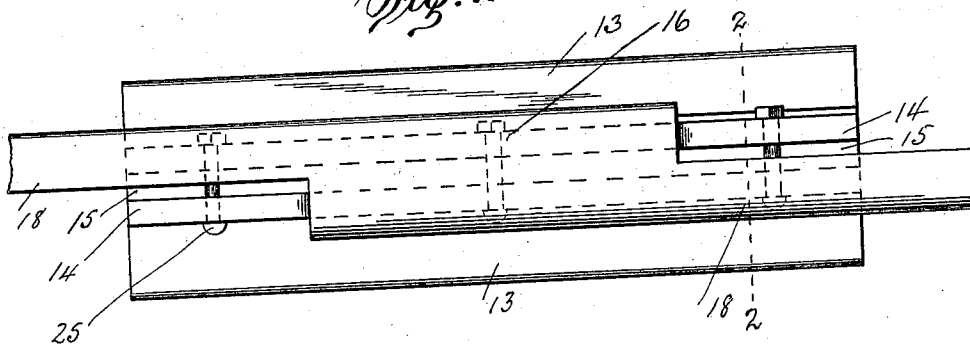
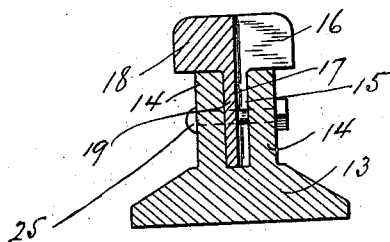


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

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RAIL FOR RAILWAY-TRACKS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM HESSINGER, a citizen of the United States of America, residing at Coral, in the county of Indiana and State of Pennsylvania, have invented certain new and useful Improvements in Rails for Railway-Tracks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to rails for railway tracks and the object thereof is to provide a rail in a manner as hereinafter set forth whereby the employment of splice bars or fish plates for connecting one rail section to another is dispensed with.

A further object of the invention is to provide a railway track rail in a manner as hereinafter set forth embodying a plurality of sections and whereby the tread sections associate with the base sections for coupling the base sections of two track rails together.

Further objects of the invention are to provide a railway track rail which shall be comparatively simple in its construction and arrangement, strong, durable, efficient in its use, allowing for the convenient positioning of the rails, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts as hereinafter more specifically described and illustrated in the accompanying drawings wherein is shown the preferred embodiment of the invention but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views: Figure 1 is a top plan view of the invention. Fig. 2 is a section on line 2—2, Fig. 1.

Referring to the drawing, the rail comprises a base section 13 having a pair of vertically-disposed and longitudinally-extending spaced webs 14 to provide a pocket 15. The rail further includes a tread section consisting of a body-portion 16 formed with a depending longitudinally-extending member 17 which is adapted to be mounted in the pocket 15. The body-portion 16 at each end is formed with a longitudinally-projecting arm, each embodying a head 18 and a depending extension 19 of the same

length as the head 18. The arm at one end of the body-portion 16 is alternately disposed with respect to the arm at the other end of said body-portion and the extension 19 is half the width of the pocket 15 and the head 18 is half the width of the body-portion 16. When the rails are set up the arms of one tread section are adapted to abut against the arms of adjacent tread sections and the body-portion of one tread section is adapted to abut against the body-portions of adjacent tread sections whereby the joints between the tread sections are staggered with respect to each other and the tread sections are so positioned that the joints therebetween will be staggeredly-arranged with respect to the joints between the base sections. When the tread sections are positioned in the base sections, the extensions 19 of the arms abut and extend in the pocket 15 and the members 17 of the body-portions also extend in said pockets, as is obvious.

The base sections are secured to the tread sections by transversely-extending hold-fast devices 25. The openings formed in the base sections and the tread sections and through which extend the hold-fast devices 25 are of such diameter as to allow for the necessary expansion and contraction of the rail sections.

What I claim is:

In combination, a pair of rails each provided with a tread section and a base section having a pocket, the tread sections being mounted in the pockets of the base sections, the joint between the tread sections being staggered with respect to the joint between the base sections, each of said tread sections consisting of a body-portion having a depending longitudinally-extending member, an arm projecting longitudinally from each end of the body-portion, said arm including a head and a depending extension of the same length as the head, the arm at one end of the body-portion alternately-disposed with respect to the arm at the other end thereof, said extensions of less width than the width of the pocket and the heads of less width than the width of the body-portion.

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

WILLIAM HESSINGER.

Witnesses:

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