

A. L. MAUBERT.
RAIL JOINT.
APPLICATION FILED OCT. 24, 1911.

1,064,355.

Patented June 10, 1913.

Fig. 1.

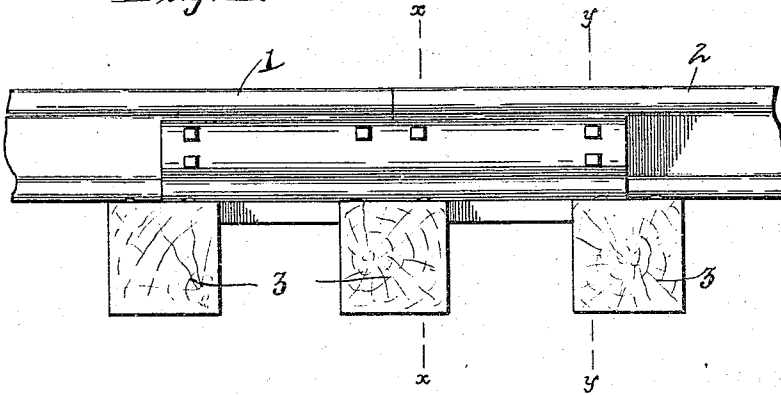


Fig. 2.

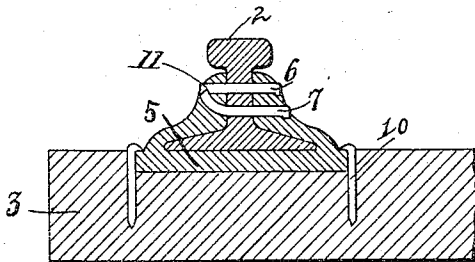


Fig. 3.

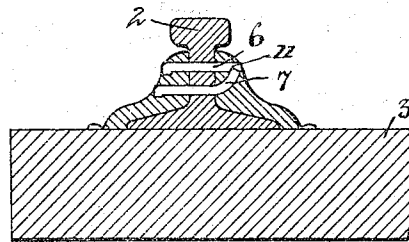


Fig. 5.

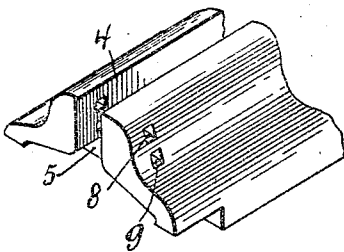
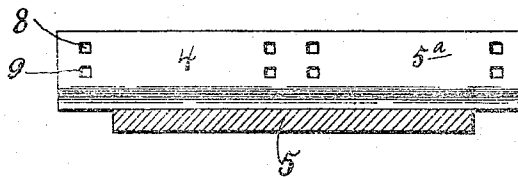


Fig. 4.



WITNESSES

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RAIL-JOINT.

1,064,355.

Specification of Letters Patent.

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Application filed October 24, 1911, Serial No. 656,462.

To all whom it may concern:

Be it known that I, ARTHUR L. MAUBERT, a citizen of the United States, residing at Gretna, in the parish of Jefferson and State of Louisiana, have invented new and useful Improvements in Rail-Joints, of which the following is a specification.

My invention relates to the class of rail joints.

10 An object of my invention is to provide a rail joint which is simple and one which is thought to obviate the necessity of manufacturing a number of parts to construct the same and thereby raising the cost.

15 Another object of my invention is to provide a rail joint which is simple in construction and one which can be easily attached to or removed from the rail which is now in use, and is also thought to positively prevent the spreading of the rails.

20 With the foregoing and other objects in view, my invention relates to such details of construction and in the arrangement and combination of parts as will be hereinafter fully described and specifically pointed out in the appended claims.

25 In describing my invention in detail reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

30 Figure 1 is a side elevation of my improved rail joint the same being shown in place. Fig. 2 is a cross sectional view of my joint taken on line Y Y of Fig. 1. Fig. 3 is a cross sectional view taken on line X X of Fig. 1. Fig. 4 is a side elevation of my joint. Fig. 5 is a fragmentary detailed view of a section of my joint.

40 In the drawings I have shown the rails 1 and 2 supported by the ties 3. It is well known in the art that heretofore fish plates have been ordinarily used. These not only proved deficient as connecting means, but also are provided with no means for preventing the spreading of the rail. The herein disclosed device is thought to securely join the rails together in such a manner as to hold them securely upon the ties and it is thought the spreading of the same will also be obviated.

My improved joint or connecting means is shown at 4 it having the bottom portion 5 and the side portions 5^a. The bottom portion 5 is adapted to be seated in the ties 3

below the surface thereof and the side portions 5^a are adapted to be flush with the top of said ties. The ends of the rails 1 and 2 are inserted into said joint and a pin is inserted through the side portions 5^a and through the ends of the rails whereby they are held securely thereto. I also find it advantageous to provide a second securing means as is clearly shown in Figs. 2 and 3. This means is inserted through one side of my joint, through the end of the rail and extends upwardly in the second side, thereby engaging a notch 11 which is formed in the first named pin. The first pin I have shown at 6 and the second I have shown at 7. The slots which they enter I have shown in Fig. 5 and they are designated by the numerals 8 and 9. It is thought that after the spikes 10 have been securely driven into the tie that my improved joint will be held securely thereon.

I desire it to be understood that I may make slight changes in the construction without departing from the spirit of my invention provided such changes fall within the scope of the subjoined claims. It is also thought that the advantages and novel features of my improved device will be appreciated.

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

1. In a device of the character described, the combination with a pair of rails, of side pieces in engagement with the adjacent ends thereof, pins extending through said side pieces and said rails, said pins being disposed near the upper edge of said side pieces, other pins disposed through said side pieces and said rails, one end of said last mentioned pins engaging the corresponding end of the other of said pins within one of said side members, as and for the purpose set forth and described.

2. In a device of the character described, the combination with a pair of rails, of side members disposed in engagement with the adjacent ends thereof, pins connecting said side pieces and extending through said rails, other pins connecting said side pieces and extending through said rails, the ends of said first and second mentioned pins being spaced apart on one side of the rails, the other ends of said second mentioned pins engaging the corresponding ends of said

first mentioned pins within one of said side members, as and for the purpose set forth and described.

3. In a device of the character described,
5 the combination with a pair of rails, of side members disposed in connection with the adjacent ends thereof, means connecting said side members and extending beneath said rails, pins connecting said side members
10 near their upper ends and extending through said rails, said pins provided with a notch near one end thereof, and within

one of said side members, other pins connecting said side members and extending through said rails, the heads of said members being spaced apart, the other ends of said second mentioned pins engaging said notches in said first mentioned pins, as and for the purpose set forth and described. 15

ARTHUR L. MAUBERT.

Witnesses:

ISAAC CAMBRE,
DARCISE CAMBRE.

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