

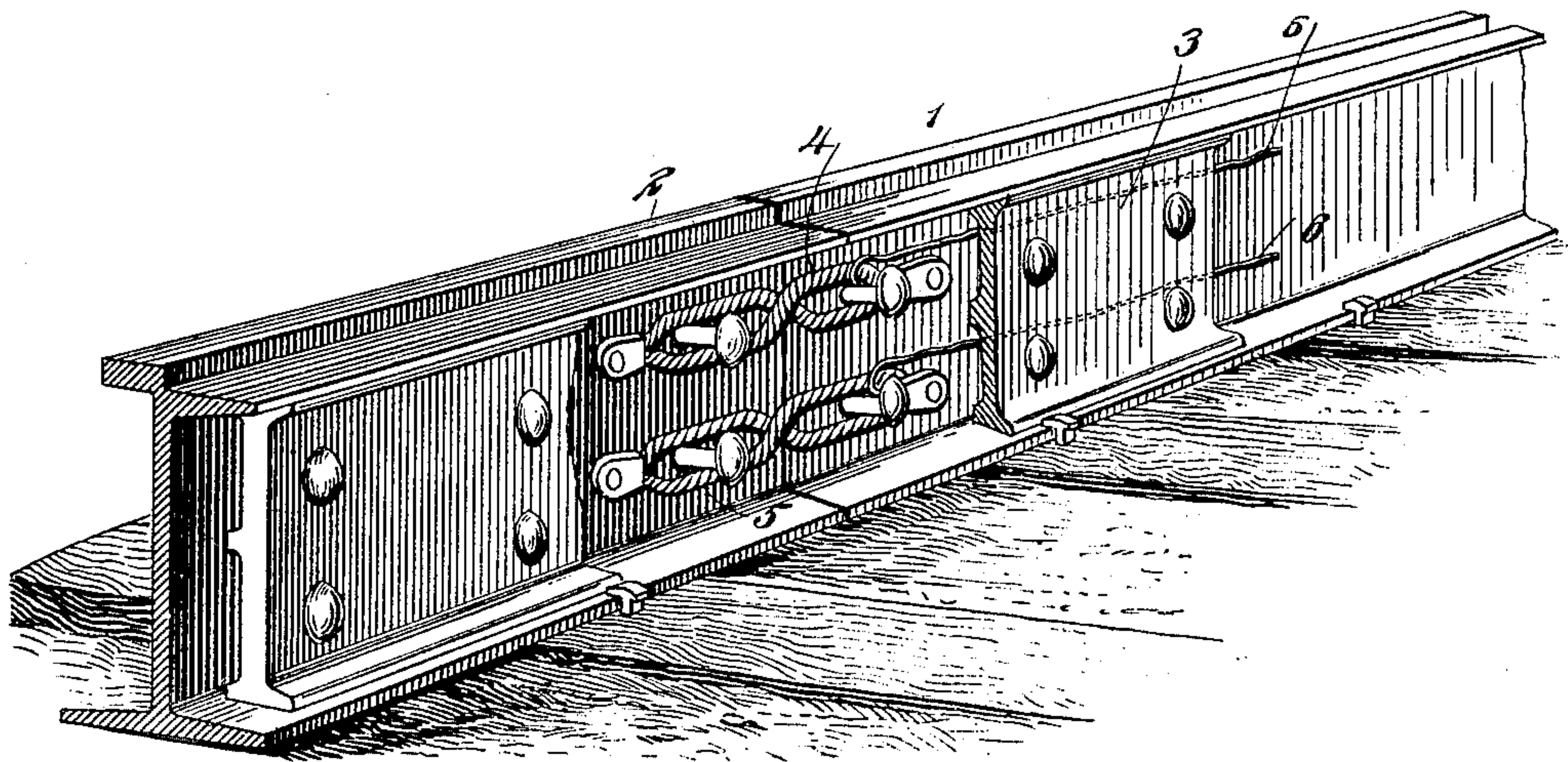
No. 673,765.

Patented May 7, 1901.

J. A. EMERY.
TELLTALE FOR RAIL BONDS.

(Application filed Oct. 4, 1900.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

JAMES ALBERT EMERY, OF ATLANTA, GEORGIA.

TELLTALE FOR RAIL-BONDS.

SPECIFICATION forming part of Letters Patent No. 673,765, dated May 7, 1901.

Application filed October 4, 1900. Serial No. 31,976. (No model.)

To all whom it may concern:

Be it known that I, JAMES ALBERT EMERY, a citizen of the United States, and a resident of Atlanta, in the county of Fulton and State of Georgia, have invented a new and Improved Telltale for Rail-Bonds, of which the following is a full, clear, and exact description.

This invention relates to telltales for bonds or electrical connections between rails of electric railways. It is an ordinary practice to place the bonds of joints between the fish-plates and the rails, so that they are often entirely hidden, and it is therefore necessary to remove a fish-plate or a number of fish-plates before the bond can be located.

The object of my invention is to provide a simple device to indicate the location of the bonds without first removing the plates.

I will describe a telltale for rail-bonds embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawing, forming a part of this specification, in which the figure is a perspective view showing a telltale embodying my invention and as applied to a bond.

Referring to the drawing, 1 2 designate the ends of two meeting rails and which are secured together by the usual fish-plate 3. Electrical connection is made between the rails by means of the bonds 4 and 5, these bonds being placed between the fish-plate and the rails. The telltale consists of a fine wire

6 or a piece of tape, string, cloth, or the like connected to the bond and having its ends extending beyond the end of the fish-plate. Therefore in inspecting new track before it is filled in the presence of every bond can be absolutely ascertained by walking along the track and observing the telltales, and also when it is desired to locate a bond or bonds by digging the earth away from the fish-plate it can readily be seen whether such bond is placed underneath the same.

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

1. In an electric railway, the combination with rails, a fish-plate therefor and a bond connecting the two rails, of a telltale consisting of wire or the like extended outward beyond the end of the fish-plate, substantially as specified.

2. In an electric railway, the combination with meeting rails, a fish-plate therefor, and a bond located between the rails and the fish-plate, of a telltale consisting of wire or the like connected at its inner end with the bond and having its other end extended beyond the end of the fish-plate, substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES ALBERT EMERY.

Witnesses:

WM. W. KINGSTON,
C. D. PINSON.