

L. E. WHITE.
RAIL SPIKE.
APPLICATION FILED MAR. 23, 1912.

1,055,375.

Patented Mar. 11, 1913.

Fig. 1.

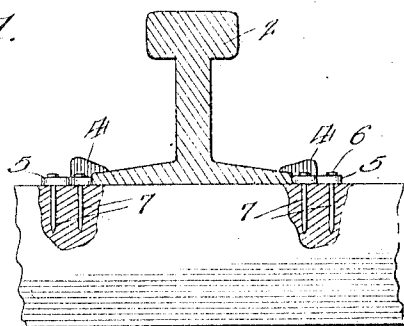


Fig. 2.

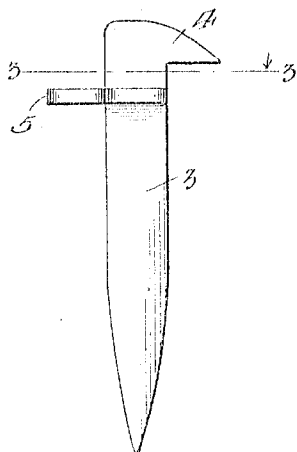


Fig. 3.

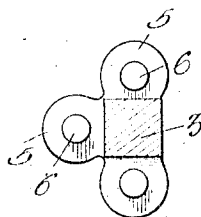
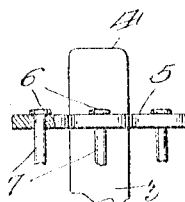


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

LORIN E. WHITE, OF GUTHRIE, OKLAHOMA.

RAIL-SPIKE.

1,055,375.

Specification of Letters Patent.

Patented Mar. 11, 1913.

Application filed March 23, 1912. Serial No. 685,779.

To all whom it may concern:

Be it known that I, LORIN E. WHITE, a citizen of the United States, residing at Guthrie, in the county of Logan and State of Oklahoma, have invented new and useful Improvements in Rail-Spikes, of which the following is a specification.

This invention relates to improvements in rail spikes, wherein means are provided for preventing the displacement of the spike after the same has been driven in place upon an ordinary tie or the like, and the objects of the same are: First, to provide a spike of the above nature which can be formed integral with the auxiliary securing means; second, one which can be driven into place and secured in the manner hereinafter set forth by any person inexperienced in the art to which this invention appertains; and, third, to provide a spike which is durable and cheap to manufacture.

With the above 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 claim.

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—

Figure 1 is the side elevation of an ordinary rail-tie, showing a portion thereof broken away and illustrating my invention in place thereon. Fig. 2 is a side elevation of my invention. Fig. 3 is a cross-sectional view of my invention taken on line 3—3, Fig. 2. Fig. 4 is a detail view.

In the accompanying drawings wherein is illustrated the preferred form of my invention, the numerals 1 and 2 are applied to the ordinary cross tie and rail, in connection with which my invention has been illustrated.

While my invention is to be used in con-

nection with rail ties for the purpose of holding rails in place thereon, I desire it to be understood that the same may be applied in connection with other devices without departing from the spirit of my invention.

My invention consists of the ordinary spike 3, which has formed thereon the ordinary head portion 4. Formed integral with the shank of the spike are the radiating ears 5, which are provided with apertures for the reception of such means as shown at 7. It will be appreciated upon reference to the drawings and especially to Fig. 1 thereof that the ears are formed quite a distance below the head portion of the spike, thereby allowing the flange of the rail to enter beneath the head portion as shown. After the spike has been secured in place, as illustrated, it will be obvious that all danger of the same working loose will be obviated.

From the foregoing it is thought that the advantages and novel features of my invention will be readily appreciated.

I desire it to be understood that I may make slight changes in the construction of my invention without departing from the spirit thereof, provided, however, such changes fall within the scope of the subjoined claim.

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

A spike having a head, a shank, the lower end of said shank being tapered, a plurality of radial ears formed integral with said shank beneath said head and projecting at right angles thereto said radial ears provided with apertures and so placed that when the head portion of the spike engages the base flange of a rail the ears will contact with the upper surface of a tie and aid in securely holding said spike and said rail in place.

LORIN E. WHITE.

Witnesses:

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