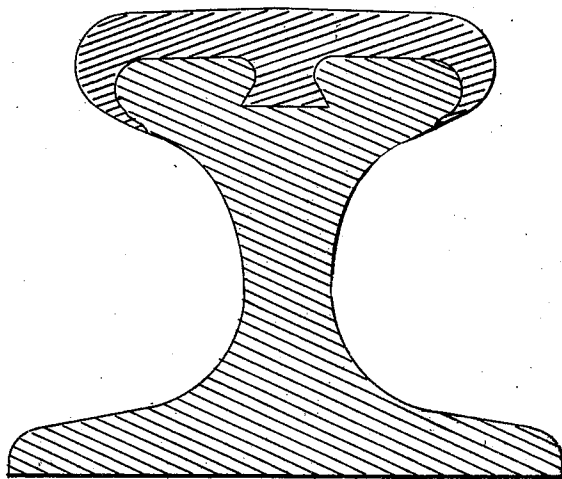
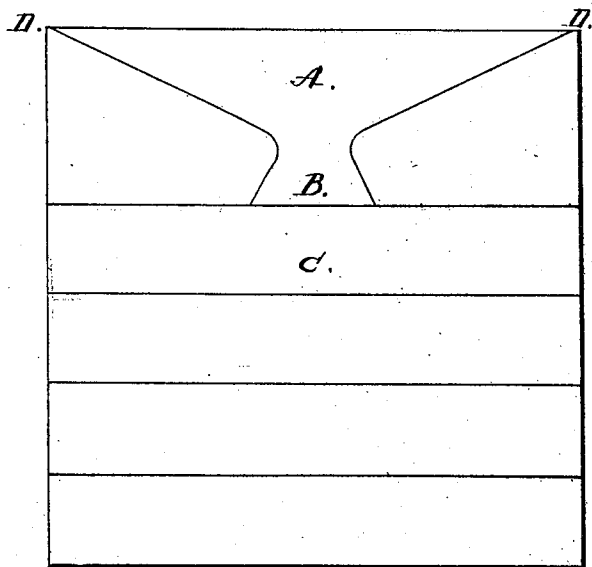


William Leighton
Fagot for Railroad Rail
Nº 75433 *Patented Mar 10/1868*



Attest:
J. W. Houghton
J. A. Sprague

Inventor
Wm. Leighton
Per Attesting
Thos S. Sprague

United States Patent Office.

WILLIAM LEIGHTON, OF WYANDOTTE, MICHIGAN.

Letters Patent No. 75,433, dated March 10, 1868.

IMPROVED FAGOT FOR RAILROAD-RAIL.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, WILLIAM LEIGHTON, of Wyandotte, in the county of Wayne, in the State of Michigan, have invented a new and useful Improvement in the Manufacture of Steel-Headed Rails for Railroad and other purposes; and I do declare that the following is a full and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and making a part of this specification.

Figure 1 represents my improved fagot from which to roll a railroad-bar, and

Figure 2 represents an end view of a rail rolled from said fagot.

My invention consists in combining with a pile, C, composed of iron bars, a V-shaped bar of steel, A, which has a dove-tailed flange, B, projecting from its lower angle, extending from one end to the other, and so arranged in relation to the pile that its angles, D D, are protected from burning by the iron portion of the pile, as shown. The fagot should be heated, by placing it in the furnace with the steel side at the bottom. In case of an imperfect weld, in rolling the rail, the steel is not only well wrapped around the head of the rail, but is held firmly in place by the dove-tail-shaped end above described.

What I claim as my invention, and desire to secure by Letters Patent, is—

The V or dove-tail-shaped piece of steel, with V-shaped top, in conjunction with any suitable fagot which will make a rail, as shown in fig. 2.

WILLIAM LEIGHTON.

Witnesses:

J. W. HOUGHTLIN,

H. S. SPRAGUE.