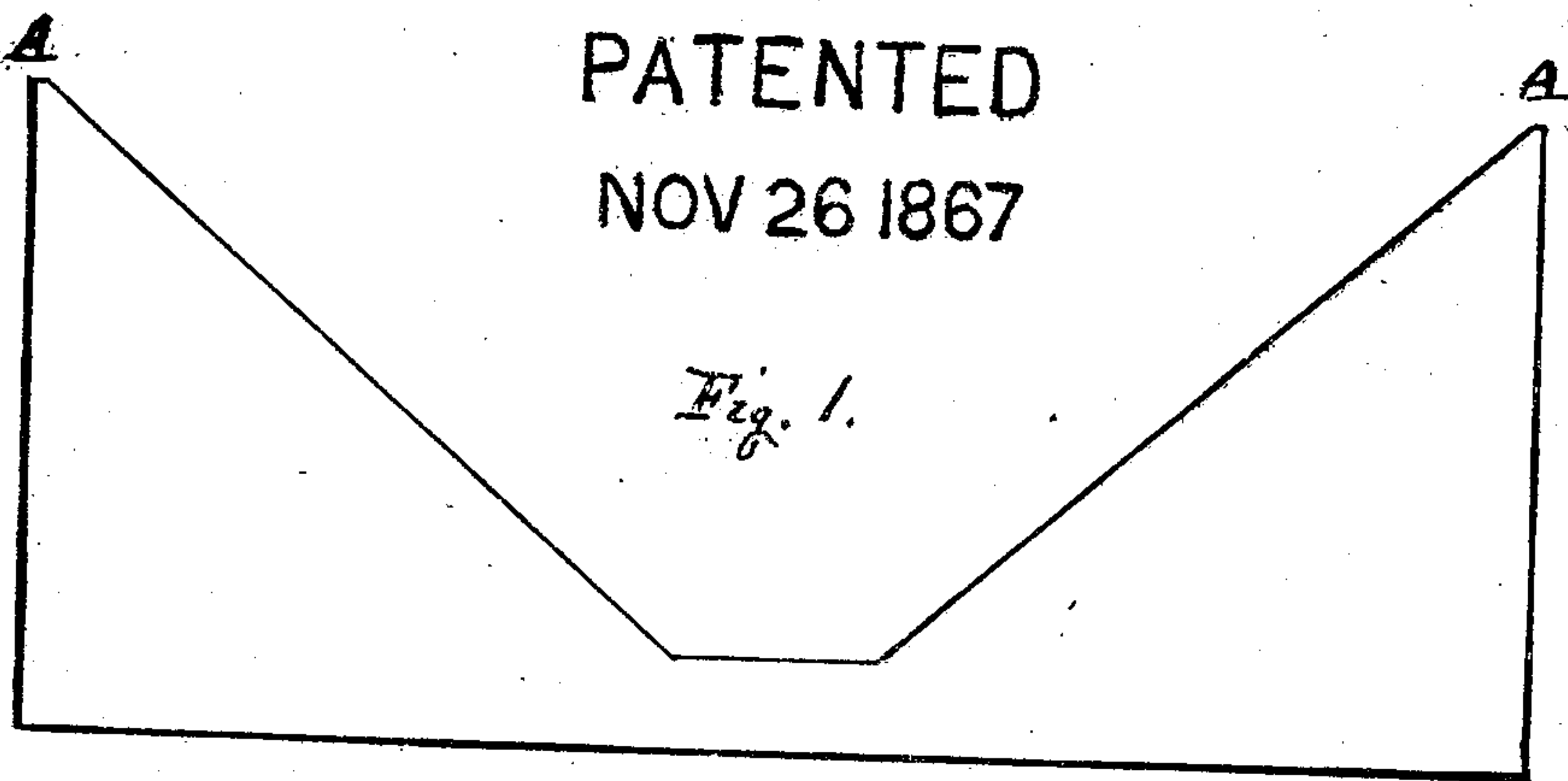
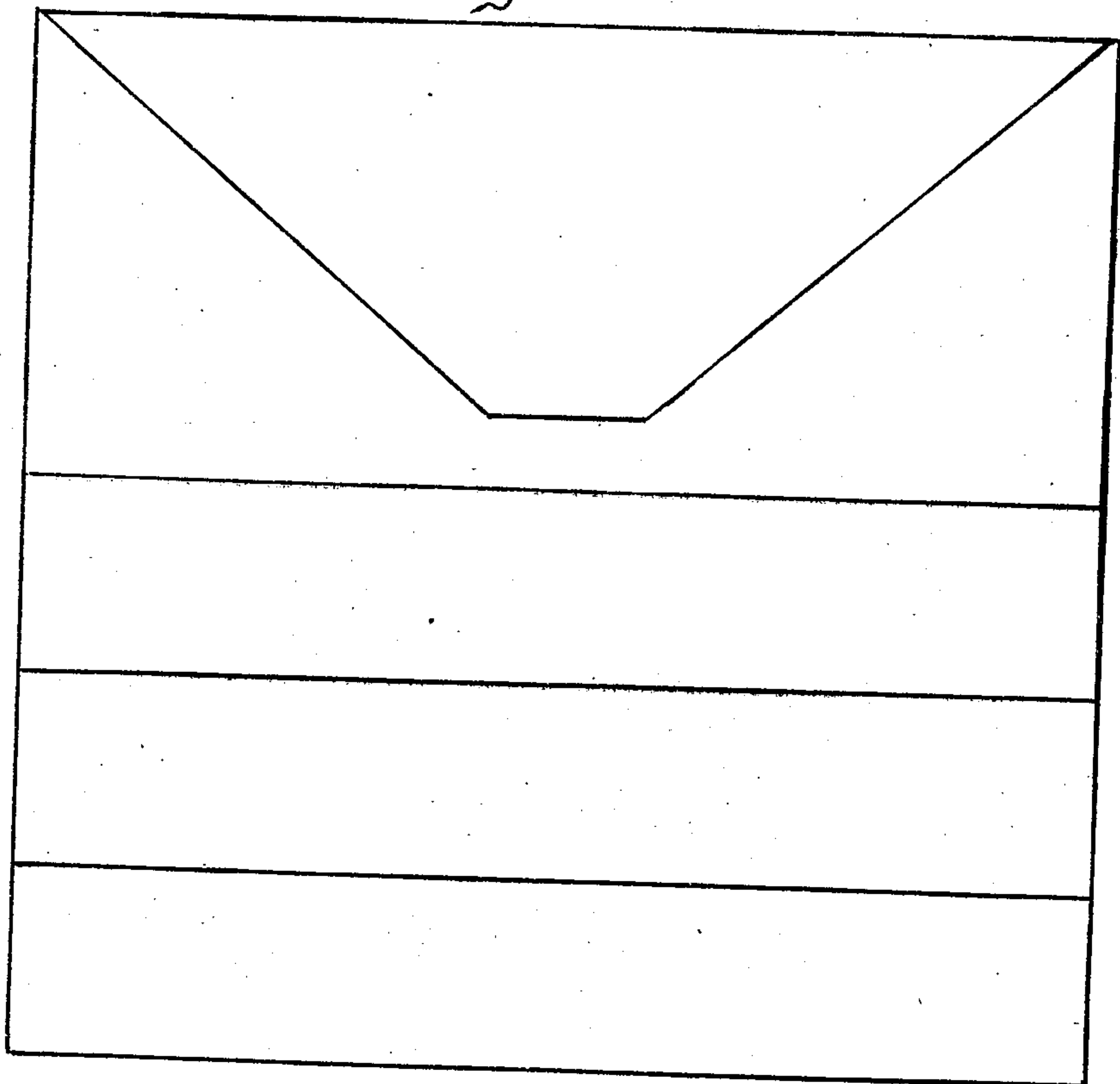


WM LEIGHTON'S IMPROVED FLAT FOR STEEL HEADING RAILS.

71523

Fig. 2.



PATENTED

NOV 26 1867

Fig. 1.

Witnesses

E. J. Harris

C. J. Clark

Inventor

William Leighton

by his Attorney

Thos. S. Sprague

United States Patent Office.

WILLIAM LEIGHTON, OF WYANDOTTE, MICHIGAN.

*Letters Patent No. 71,523, dated November 26, 1867.*

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 improved form of a piece of iron, to be used in piles of iron and steel, to be used in the manufacture of steel-headed rails; and that the following is an accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

In building a pile of flats, it becomes necessary to use a peculiar-shaped bar of iron as one of these flats, for the purpose of holding the steel with which the rail is to be steel-faced when rolled. To accomplish this end, after building my flat with more or less flat bars of iron, I roll a bar of iron into the shape shown in the drawings, being careful to leave iron enough at the points A A to prevent the steel, which should be of a V-shape, from burning or becoming decarbonized. One-eighth of an inch, or even a trifle less, of iron, at the points indicated, is sufficient, provided the pile is heated with the steel placed at the bottom of the pile, covered by the peculiar-shaped "flat" above described.

Figure 1 represents the shape of the peculiar-shaped bar of iron—an end vertical view.

Figure 2 represents the manner of building the pile, with the peculiar-shaped bar of iron, in conjunction with the steel to be used in facing the rail when rolled, and in conjunction with the other "flat" of iron used in building the pile.

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

The V-shaped socket A and the V-shaped block C, on the pile of flats B, substantially as and for the purposes specified.

WILLIAM LEIGHTON.

Witnesses:

E. J. HARRIS,

S. J. CLARK.