No. 760,207. PATENTED MAY 17, 1904.

L. HUSSER.

THILL IRON.

APPLICATION FILED FEB. 8, 1904.

NO MODEL.

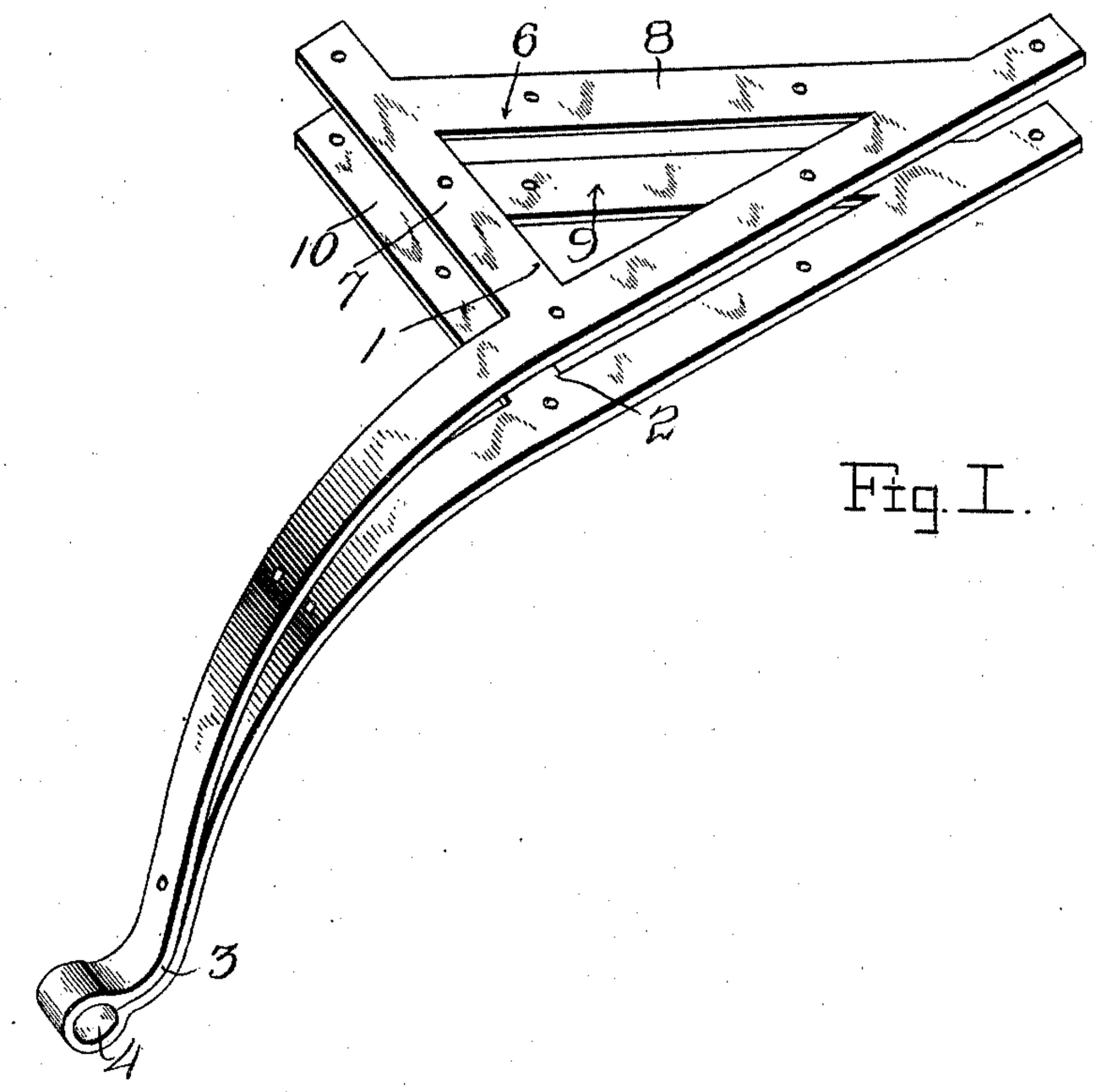

Fig. 1.

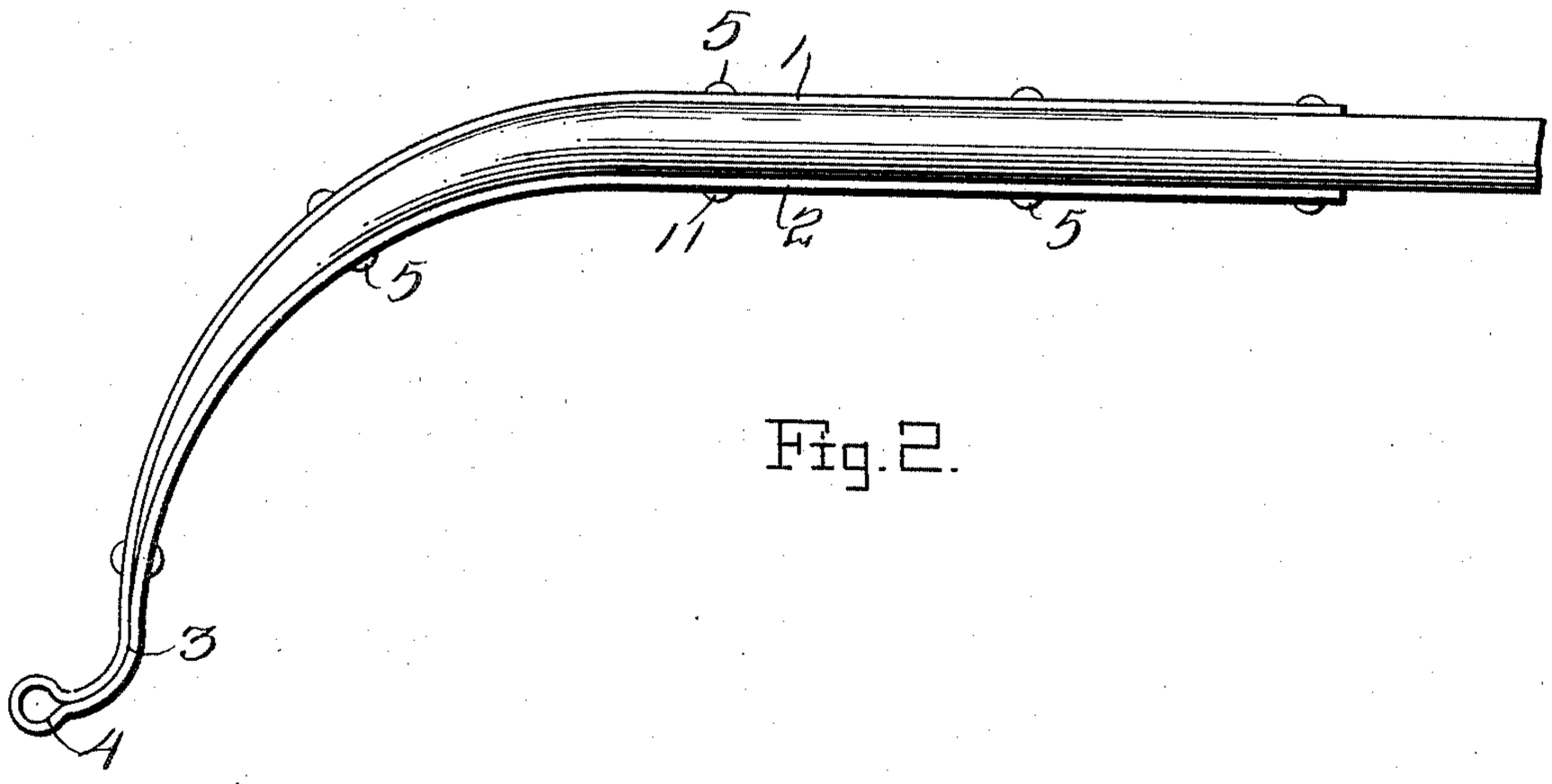

Fig. 2.

Witnesses
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No. 760,207. Patented May 17, 1904.

UNITED STATES PATENT OFFICE.

LOUIS HUSSER, OF PASMAN, LOUISIANA.

THILL-IRON.

SPECIFICATION forming part of Letters Patent No. 760,207, dated May 17, 1904.

Application filed February 8, 1904. Serial No. 192,622. (No model.)

To all whom it may concern:

Be it known that I, LOUIS HUSSER, a citizen of the United States, residing at Pasman, in the parish of Washington and State of Louisiana, have invented certain new and useful Improvements in Thill-Irons; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention is an improved thill-iron adapted for use in securing the cross-bar to a vehicle-thill and also for attaching the thill to the axle; and it consists in the construction and arrangement of devices hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a thill-iron embodying my improvements. Fig. 2 is a side elevation showing the same attached to a thill.

My improved thill-iron comprises an upper section 1 and a lower section 2, adapted, respectively, to bear against the upper and lower sides of the rear downwardly-curved portion of a vehicle-thill. The said upper and lower sections are formed integral, and at the point 3 where they are joined there is formed an eye 4, which is adapted to be engaged by the bolt of an ordinary thill-coupling. The upper and lower sections are secured to the thill by bolts or rivets 5, which also pass through the thill. Formed with the upper section near its front end at its inner side is the laterally-extending bracket 6, which comprises an arm 7, that is adapted to bear on the upper side of one end of the cross-bar which connects the thills together, and an arm 8, which is obliquely disposed, serves to connect the arm 7 to the upper section and to form a brace for the said arm 7, as will be understood. The lower section 2 is also provided at its front end with a similar bracket 9, the arm 10 of which is to bear under the cross-bar. The arms 7 and 10 of the brackets 6 and 9 are secured to the upper and lower sides of the cross-bars by means of bolts or rivets 11, which pass through them and also through the cross-bar.

From the foregoing description and by reference to the drawings it will be understood that my improved thill-iron serves to strengthen the rear end of the thill both on its upper and on its lower side and that the laterally-extending brackets with which the upper and lower sections of the thill-iron are provided serve to strengthen the cross-bar which connects the thills and also to firmly brace the cross-bar and prevent it from breaking under stress to which it is subjected.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A thill-iron comprising an upper and lower section adapted respectively to bear against the upper and lower sides of the curved rear end of a thill, said sections being formed integrally and bent at their point of union to form an eye which serves for the attachment to the thill-coupling, substantially as described.

2. A thill-coupling comprising upper and lower sections formed integrally and bent at their rear, united ends, to form an eye which serves for the attachment to the thill-coupling, said sections being adapted respectively to bear against the upper and lower sides of the curved rear end of a thill, and each being provided near its front end with a laterally-extending bracket comprising an arm to bear against the upper or lower side of the thill's cross-bar and an obliquely-disposed arm to connect the said arm to the said section and form a brace for said arm, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

LOUIS HUSSER.

Witnesses:
D. R. JOHNSON,
E. BANISTER.