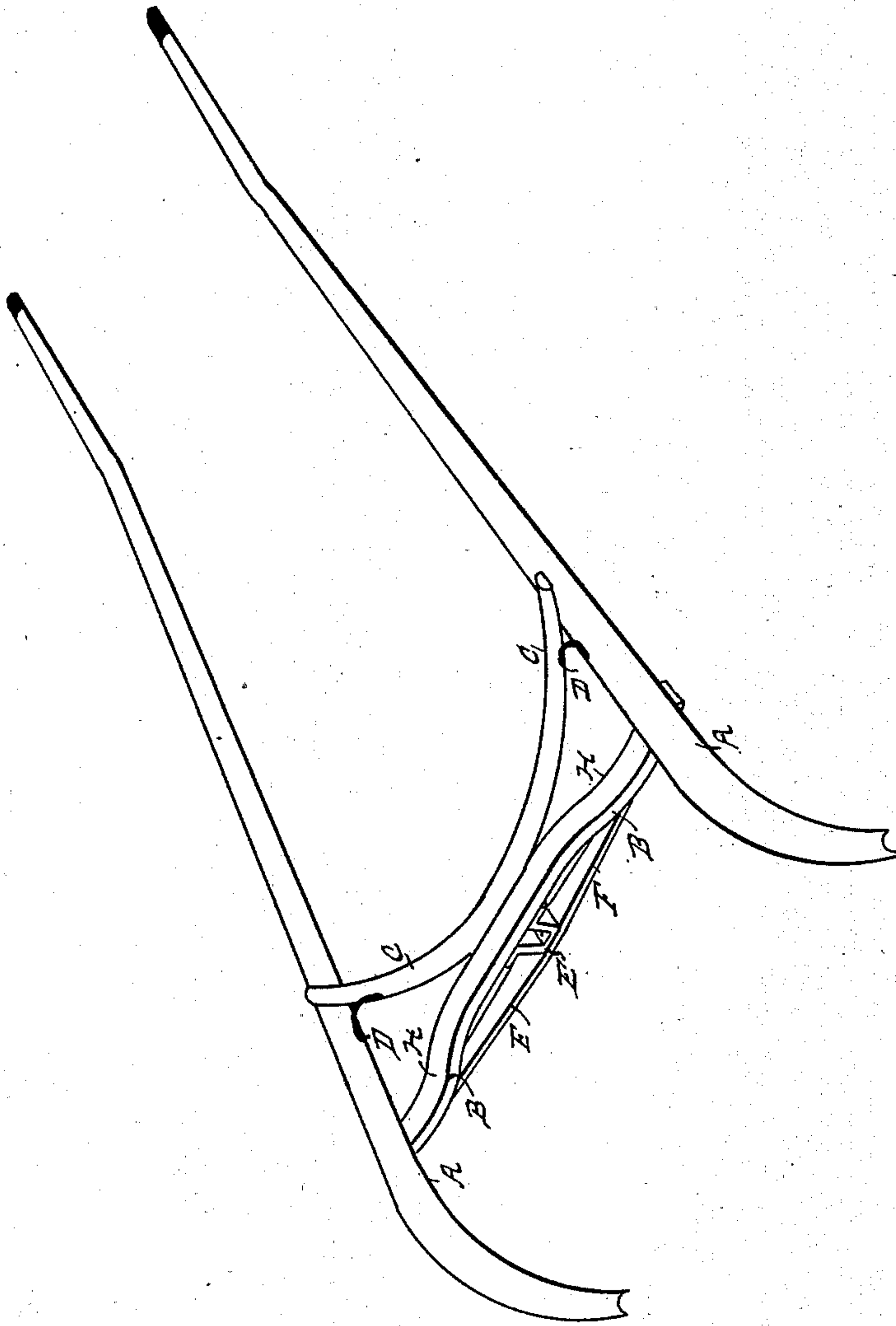


(No Model.)

J. W. HEWITT.
VEHICLE SHAFTS.

No. 413,229.

Patented Oct. 22, 1889.



Witnesses
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A. L. Blodget

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UNITED STATES PATENT OFFICE.

JACKSON W. HEWITT, OF JACKSON, MICHIGAN.

VEHICLE-SHAFTS.

SPECIFICATION forming part of Letters Patent No. 413,229, dated October 22, 1889.

Application filed June 27, 1889. Serial No. 315,811. (No model.)

To all whom it may concern:

Be it known that I, JACKSON W. HEWITT, of the city of Jackson, in the county of Jackson and State of Michigan, have invented a new and useful Improvement in Vehicles, of which the following is a specification.

My invention relates to vehicles; and the object of my invention is to furnish a simple and convenient foot-rest for use in road-carts, sulkies, and similar vehicles. I attain this object in the device illustrated in the accompanying drawing, in which the figure is an isometric view of the shafts of a vehicle embodying my invention.

A A are the shafts, and B is the cross-bar of said shafts. C is the usual brace-rod, bent as shown, and secured at its center to the center of the cross-bar B and at its ends to the shafts A A.

D D are metal rods fastened to the brace-rod C and shafts A A and forming a loop between said rod and shafts, which loop forms a rest or brace for the foot of the driver.

E is a hanger secured at the under side to the center of the cross-bar B. F is a singletree pivoted at its center to the hanger E and lying below the cross-bar B. Said cross-bar is provided with a double bend H H between its center and each of its ends, which bends bring the ends of the cross-bar below the shafts, in which position they are secured to said shafts, and bring the center of the cross-bar up to meet the center of the brace-rod C. By this construction the driver's legs, when his feet are resting against the braces D D,

pass over the cross-bar B without coming in contact with it, a firm structure of graceful appearance is secured, and the tugs are brought below the shafts and out of the driver's way.

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

1. In a vehicle, as described, the combination of the shafts, a brace-rod C, having its ends secured at the upper surface of the shafts, a cross-bar having its ends secured at the lower surface of the shafts, said brace-rod and cross-bar being secured together at their centers, and rods D, secured to and forming loops between said shafts and brace-rod, substantially as and for the purpose described.

2. The combination of the shafts, a brace-rod C, having its ends secured to the upper surface of said shafts, a cross-bar B, provided with double bends H H between its center and each of its ends and having its ends secured at the lower surface of the shafts, said brace-rod and said cross-bar being secured together at their centers, the rods D D, secured to and forming loops between said brace-rod and shafts, the hanger E, extending downward from the center of said cross-bar, and the singletree secured to said hanger, substantially as and for the purpose described.

JACKSON W. HEWITT.

Witnesses:

H. A. EFFNER,
RAY BLAKEMAN.