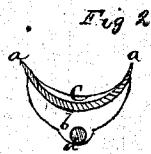
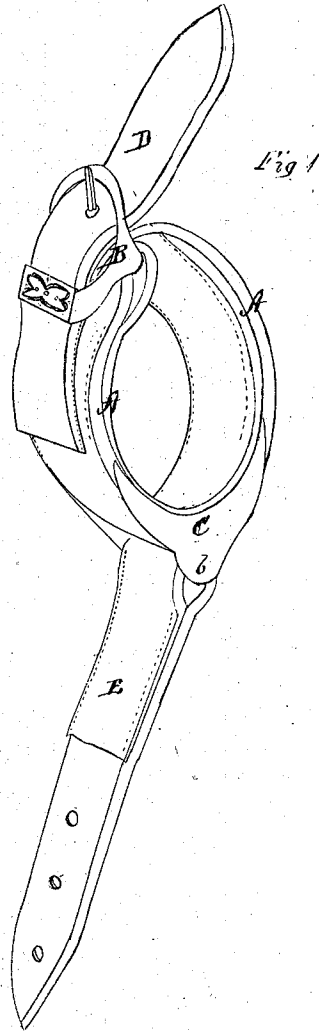


WM. H. CORRELL.

THILL, CARRIER, FOR HARNESS.

PATENTED MAY 17 1870

103020



witnesses

Edw. Maurice Lighty,
C. J. Covert

Inventor:

Wm. H. Correll
Alexander Massey
Atty.

United States Patent Office.

WILLIAM HURD CORRELL, OF NASHVILLE, OHIO.

Letters Patent No. 103,020, dated May 17, 1870.

IMPROVED SHAFT-TUG.

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

To all whom it may concern:

Be it known that I, WILLIAM HURD CORRELL, of Nashville, in the county of Holmes and in the State of Ohio, have invented certain new and useful Improvements in Thill-Carrier for Harness; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a shaft or thill-carrier for one-horse harness, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of the entire carrier, and

Figure 2 is a longitudinal vertical section of a casting used in the same.

A represents a leather strap, of suitable length and width, which is passed through the loop of a buckle, B, and doubled in the center.

From the buckle downward, the two halves of the strap are sewed together for a suitable distance, when a grooved segmental casting, C, is inserted between them, said casting having at its ends projecting tongues *a a*.

The tongue *a* at the upper end is inserted between the stitches at the edges of the strap.

At the other end of the casting C, the two ends of the strap are again sewed together, the stitches commencing at the base of the other tongue.

One end of the strap A is longer than the other, and fastened in the buckle B, forming the shaft-carrier.

In the buckle B is attached a strap, D, for forming the connection with the saddle.

On the sides of the casting C are flanges *b b*, projecting downward, and between which is a pin, *d*, said flanges and pin being cast all in one piece with the casting and its tongues.

To the pin *d* is attached a strap, E, for forming the connection with the belly-band.

Having thus fully described my invention,

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

1. The grooved segmental casting C, provided with tongues *a a*, flanges *b b*, and pin *d*, all substantially as and for the purposes herein set forth.

2. In combination with the casting C, the double strap A, buckle B, and connecting straps D E, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 7th day of March, 1870.

WILLIAM HURD CORRELL. [L. S.]

Witnesses:

K. P. GORDON,
B. C. SILL.