

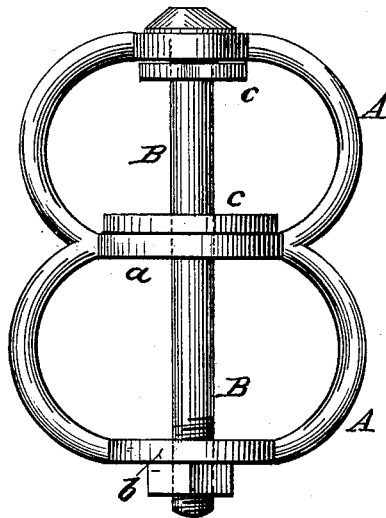
D. WERST.

Whiffletree.

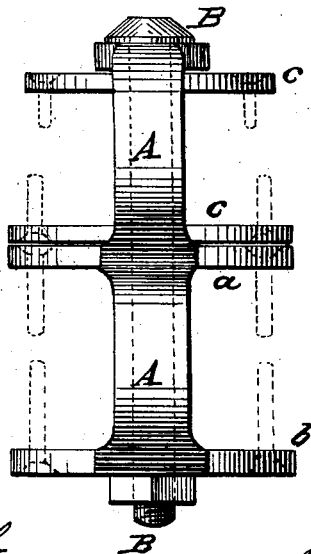
No. 110,095.

Patented Dec. 13, 1870.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
*P. C. Dietrich*  
*L. J. Nabee*

Inventor:  
*D. Werst*  
per *Munn & Co.*  
Attorneys.

# United States Patent Office.

DECATUR WERST, OF SOUTH BEND, INDIANA, ASSIGNOR TO HIMSELF  
AND JOSHUA LAFFLIN, OF SAME PLACE.

Letters Patent No. 110,095, dated December 13, 1870.

## IMPROVEMENT IN DOUBLE-TREE FASTENERS.

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, DECATUR WERST, of South Bend, in the county of St. Joseph and State of Indiana, have invented a new and improved Double-Tree Fastener; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a face view of my improved double-tree fastener.

Figure 2 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new casting for uniting whiffletrees to double-trees, to shears, and also for securing double-trees to tongues.

The invention consists in the use of a double ring-shaped casting which is adapted to embrace both pieces to be united, and to secure the same by means of one single pin.

A in the drawing represents a link, made in the form of the figure 8, of cast-iron or other suitable material, and provided with a removable bolt, B, which passes longitudinally through its two eyes.

The lower part of the link A is forced upon the end of a double-tree.

The whiffletree is fitted through the upper eye and pivoted by the pin or bolt B.

The link forms upper and lower projecting plates, *a a*, by which the double-tree is securely held and prevented from swinging, while the whiffletree is not so rigidly secured.

Plates *c c*, swinging loose on the bolt, may be arranged in the upper eye of the link, to regulate the same to the height of the whiffletree.

The same article can in a similar manner be used for securing whiffletrees to shears or shafts, or double-trees to tongues.

Having thus described my invention,

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

The double-eyed link, arranged as a fastener for whiffletrees, substantially as herein shown and described.

DECATUR WERST.

Witnesses:

GEORGE FORD,  
ANMAN EDDY.