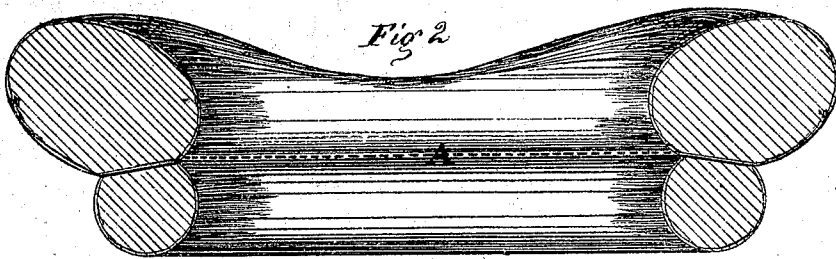
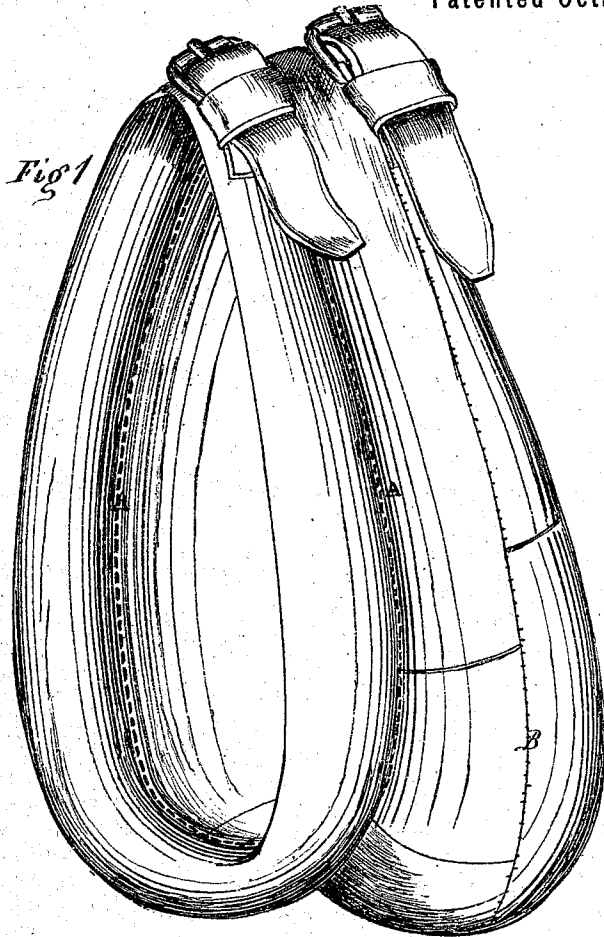


J. J. WRIGHT.

Improvement in Horse-Collars.

No. 131,925.

Patented Oct. 1, 1872.



*Witnesses*  
*Wm. H. Seaman*  
 *Jas. B. Garrison*

*Inventor*  
*John J. Wright*  
 *Daniel Breed*

# UNITED STATES PATENT OFFICE.

JOHN J. WRIGHT, OF RICHMOND, VIRGINIA, ASSIGNOR TO RICHARD K. EVANS, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN HORSE-COLLARS.

Specification forming part of Letters Patent No. 131,925, dated October 1, 1872.

*To all whom it may concern:*

Be it known that I, JOHN J. WRIGHT, of Richmond, in the county of Henrico and State of Virginia, have invented a new and useful Improvement in Horse-Collars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

In the accompanying drawing, Figure 1 is a perspective view of my improved horse-collar, and Fig. 2 is section of the same.

My improvement in horse-collars consists in a collar sewed in whole or in part with copper wire or other metallic wire.

It is well known that horse-collars, when sewed with thread made of flax or of other similar fibrous substances, are liable to rip long before the leather is worn out and it is very difficult to again sew such old collars and make the stitches hold for any considerable time; and when collars are sewed by thongs of raw-hide or leather the seams do not stand

so long as the other parts of the collar wear. The object of my invention is to remedy these difficulties.

In the manufacture of my improved collars I employ a small copper wire in place of a thread for sewing the leather. One form of the seam is shown at A, Figs. 1 and 2, and another form of seam is seen at B, Fig. 1.

As copper wire will not stretch or easily break or rust, my improved collars are very durable, and always keep the seams in shape.

Other metallic wire may be used, but I prefer copper; also, wire-screws may be used as a substitute for wire-stitches.

Having described my invention, I claim—

As a new article of manufacture, a horse-collar sewed in whole or in part of copper wire or its equivalent, substantially as set forth.

JOHN J. WRIGHT.

Witnesses:

R. T. DAVIS,  
T. E. HITES.