

C. CHENEY.  
Felly-Plate for Wheels.

No. 105,904.

Patented Aug. 2, 1870.

Fig. 1

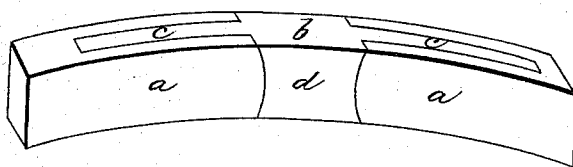


Fig. 2

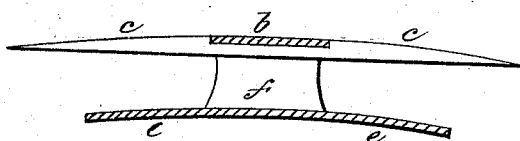


Fig. 3

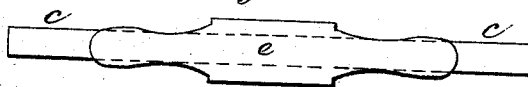


Fig. 4

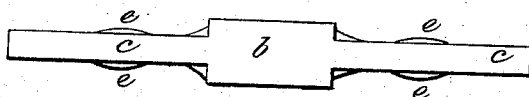


Fig. 5

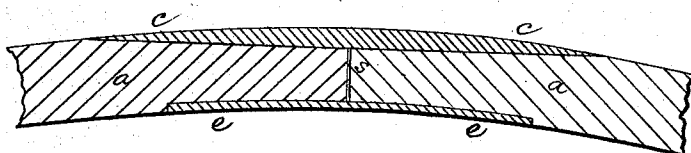


Fig. 6

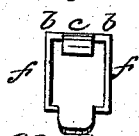


Fig. 7



Witnesses  
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# UNITED STATES PATENT OFFICE.

CHANDLER CHENEY, OF MILFORD, MASSACHUSETTS, ASSIGNOR OF  
ONE-HALF TO WM. NASH, OF SAME PLACE.

## IMPROVED COUPLING FOR WHEEL-FELLIES.

Specification forming part of Letters Patent No. **105,904**, dated August 2, 1870; antedated  
July 27, 1870.

*To all whom it may concern:*

Be it known that I, CHANDLER CHENEY, of Milford, in the county of Worcester and State of Massachusetts, have invented an Attachment for the Purpose of Strengthening a Wheel-Felly, of which the following is a specification.

My invention relates to the shape and construction of a metallic clamp placed at the point where the felly joins, provided it does not join at the point where a spoke enters, to strengthen it and to hold the ends together.

Figure 1 represents a portion of a felly with my attachment upon it. *a* is the felly. *b* is the top of my attachment, or that part immediately under the tire of the wheel. *c c* are arms extending from the attachment on the upper side. *d* represents one side of the attachment.

Fig. 2 is a longitudinal section of my device, *b* being the top; *c c*, the arms, (the thickest part being between the arms, underneath the top *b*;) *f*, one side, and *e e* the bottom of the attachment.

Fig. 3 is a view of my device, looking at it from underneath, showing the shape of the under side, *e*. The ends *c c* are the ends of the arms projecting beyond the bottom.

Fig. 4 is a view of my device, looking at it from above, showing the shape of the top. *e e* are parts of the bottom in view.

Fig. 5 is a longitudinal section of the felly with the attachment fastened to it. *s* shows the point where the two pieces join.

Fig. 6 is a section of my device. *c* is an arm; *b*, the top; *d* and *f*, the sides, and *e* the bottom.

Fig. 7 is a section of the felly without the attachment. *k* is the place into which the thick part of the piece between the two arms *c c* rests. *l* is the place into which one end of the bottom *e* rests.

I am aware that I have applied for a patent on an invention to be used as an attachment to a felly. The object of that invention is to support the felly when the ends meet at the point where a spoke touches. The object of this is to support the felly when the ends meet between two spokes. In the other there is a hole for the spoke; in this none. The shapes are also materially different.

What I claim as my invention is—

The apparatus the different parts of which are represented by the letters *b c d e f*, when made of the shape represented by the accompanying drawings, and for the purpose above described.

CHANDLER CHENEY.

Witnesses:

ELIAS WHITNEY,

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