

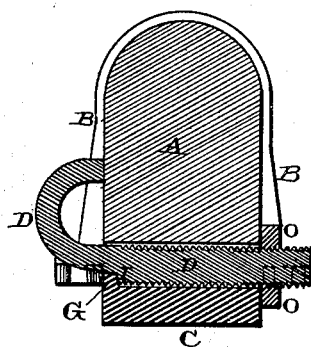
(No Model.)

O. TOWER.  
THILL COUPLING.

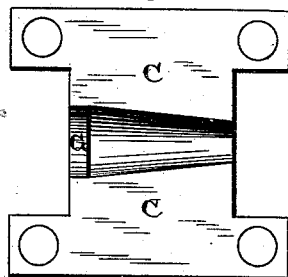
No. 265,187.

Patented Sept. 26, 1882.

*Fig. 1.*



*Fig. 2.*



Witnesses.

Robt. Johnston.  
W. H. Fern

Inventor.

Oscar Tower,  
per

J. A. Lehmann,  
att'y

# UNITED STATES PATENT OFFICE.

OSCAR TOWER, OF WILSON, NEW YORK, ASSIGNOR OF ONE-HALF TO  
HENRY M. DAVIS, OF SAME PLACE.

## THILL-COUPLING.

SPECIFICATION forming part of Letters Patent No. 265,187, dated September 26, 1882.

Application filed July 19, 1882. (No model.)

### *To all whom it may concern:*

Be it known that I, OSCAR TOWER, of Wilson, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Thill-Couplings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in thill-couplings, and is intended as an improvement upon the patent already granted to me; and it consists in the combination of the axle, suitable clips, a plate, which is secured to the under side of the axle, and which is provided with a flange or shoulder, and the coupling, which also has a shoulder formed upon it, as will be more fully described hereinafter.

The object of my invention is to provide a means for preventing the coupling from being drawn out of place in case the nut should work off.

In the accompanying drawings, Figure 1 is a vertical cross-section of my invention. Fig. 2 is an enlarged detail view.

A represents the axle; B, the clip; and C, the plate, which is secured to the under side of

the axle, and through which the rear end of the coupling D passes. Upon the front edge of the plate C, just under the coupling, is formed the flange or shoulder G, and on the under side of the coupling is formed the corresponding shoulder, I, which abuts against the shoulder on the plate, and thus prevents the coupling from being drawn out in case the nut O should work off the rear screw-threaded end of the coupling.

As nuts are always liable to work off, from the rough shaking they get, it is absolutely necessary for safety that some means be provided to prevent the coupling from coming out in case the nut should drop off at any time. The means here shown are very simple, and add nothing to the cost of the coupling.

Having thus described my invention, I claim—

The combination of the axle, clips, plate C, having the flange or shoulder G, the coupling D, having the shoulder I, and the nut O, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

OSCAR TOWER.

Witnesses:

B. B. BARBER,  
JOHN KILTY.