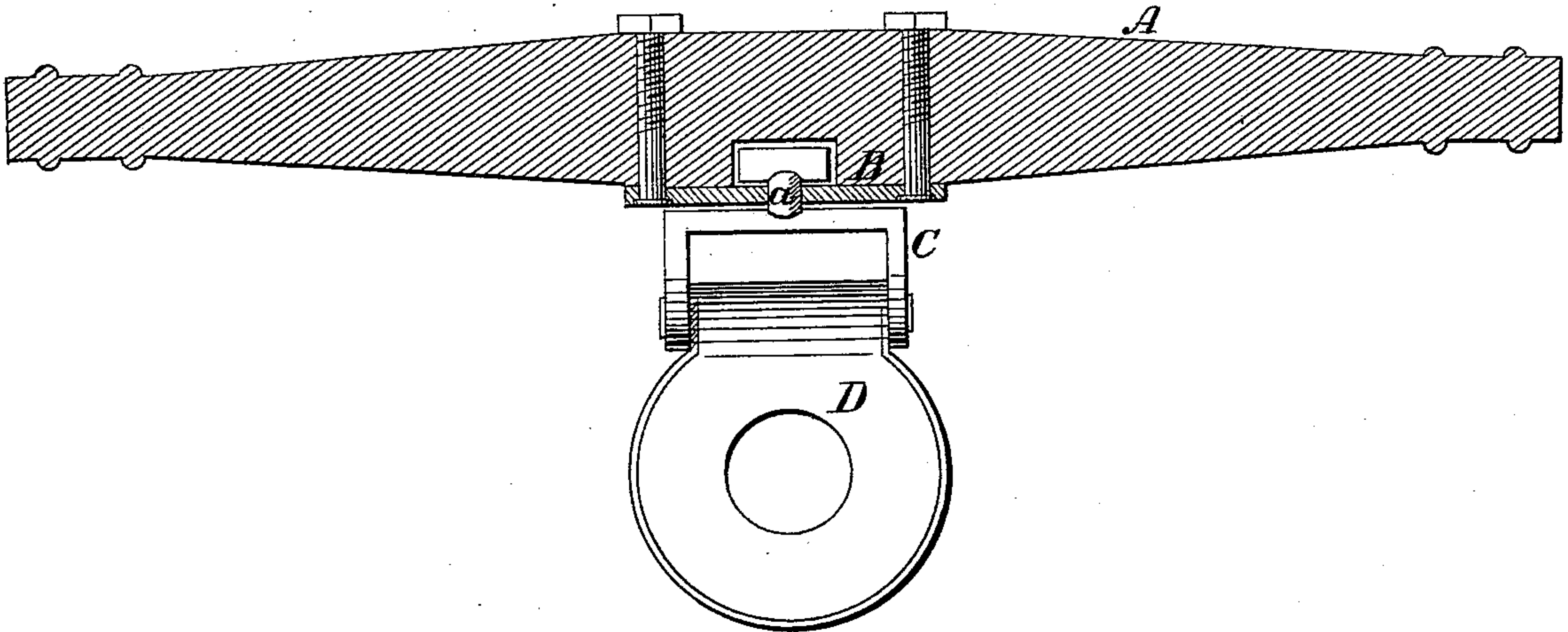


J. JACOBS.

Neck-Yoke.

No. 64,327.

Patented Apr. 30, 1867.



Witnesses:

Charles Alexander  
Arumay

Inventor:

John Jacobs  
per  
Alexander Mason  
HJS

# United States Patent Office.

JOHN JACOBS, OF ONEIDA, ILLINOIS.

*Letters Patent No. 64,327, dated April 30, 1867.*

## IMPROVEMENT IN SELF-ADJUSTING NECK-YOKE.

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, JOHN JACOBS, of Oneida, in the county of Knox, and in the State of Illinois, have invented certain new and useful improvements in Self-Adjusting Neck-Yokes for Vehicles; and I 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.

In the annexed drawings, making part of this specification, A represents a neck-yoke to be used in double-team driving, and which may be constructed in any of the known and usual ways. B represents a metallic plate, which is bolted to the yoke at its centre. This plate is provided with a hole at its centre, to receive a pin, *a*, which forms a part of or is firmly secured to a metallic loop, C. The pin *a*, after being passed through the hole or opening in plate B, is headed so that it cannot draw out again. To the outer cross-bar of the loop C, (which may be a bolt or a screw,) the leather hold-back D, which goes over the end of the pole, is secured. The loop C, being confined to the plate B by the pin *a*, is allowed to partially revolve upon its pin when the neck-yoke is in use, the ends of the yoke being allowed to rise or fall to accommodate it to the motion of the horses, as they travel unevenly. The plate B may be divided in two parts, the division passing through its centre opening so that it may be closed around the head of the pin *a*, when it (the plate) is secured to the yoke. When said plate is made in one piece, the pin will have to be inserted in its opening and then headed.

When this device is used the yoke can be made lighter and stronger than it can be with the old plan of cutting a groove around it at its centre to hold the hold-back strap and keep it in its place. The bolts which confine the plate B in its place weaken the yoke but little, while the plate B strengthens it.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The swivel loop C and plate B, or their equivalents, constructed substantially as specified, and used with a neck-yoke as and for the purpose herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 10th day of April, 1867.

JOHN JACOBS.

Witnesses:

C. M. ALEXANDER,

J. M. MASON.