

O. E. BENNETT.

Improvement in Carriage Spring Attachment.

No. 119,560.

Patented Oct. 3, 1871.

Fig. 1.

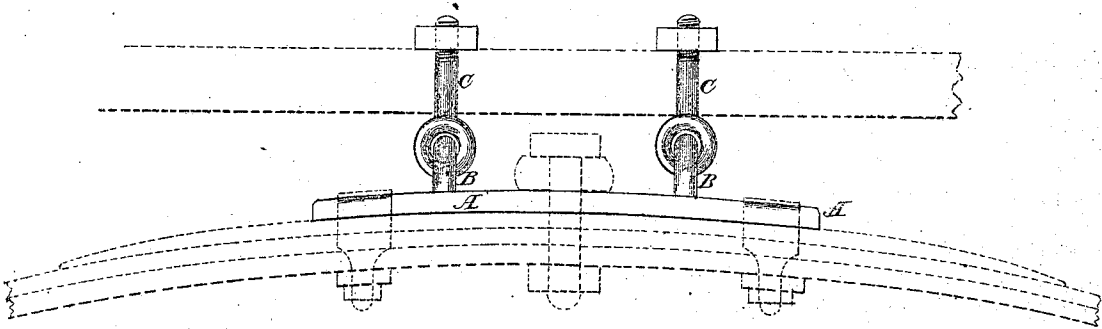
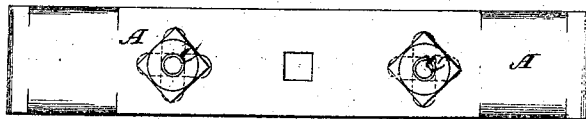


Fig. 2.



Witnesses:

Gustave Dietrich
Francis Mc Ale.

Inventor:

O. E. Bennett
PER *Munn & Co*
Attorneys.

UNITED STATES PATENT OFFICE.

ORRIN E. BENNETT, OF CANNONSVILLE, NEW YORK.

IMPROVEMENT IN CARRIAGE-SPRING ATTACHMENTS.

Specification forming part of Letters Patent No. 119,560, dated October 3, 1871.

To all whom it may concern:

Be it known that I, ORRIN E. BENNETT, of Cannonsville, in the county of Delaware and State of New York, have invented a new and useful Improvement in Attachment for Platform-Springs for Carriages; 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 a part of this specification, in which—

Figure 1 is a side view of my improved attachment. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved attachment for the cross-springs in a platform-spring carriage which shall be so constructed as to prevent the springs or their fastenings from being twisted, broken, or injured when subjected to the pressure of a load; and it consists in the device constructed and operating as hereinafter more fully described.

A is a short bar, which is secured to the cross-springs with clips. To the bar A, about midway

between its ends and center is riveted or otherwise securely attached two eye-bolts, B, the eye of which are interlocked with the eyes of two eyebolts, C, which, in the case of the back spring, are passed through and secured to the spring-bar. The eyebolts C in the case of the front spring are secured to the head-block or platform. The device A B C thus forms a hinged connection between the cross-springs and the parts of the carriage-body with which they are connected, so that the side springs may be straightened out by the pressure of the load without twisting or breaking the springs or their fastenings.

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

The device A B C, constructed substantially as herein shown and described, to adapt it for attachment to the cross-springs of platform-spring carriages, as and for the purpose set forth.

ORRIN E. BENNETT.

Witnesses:

MILTON W. OWENS,
WM. A. MCGIBBON.

(22)