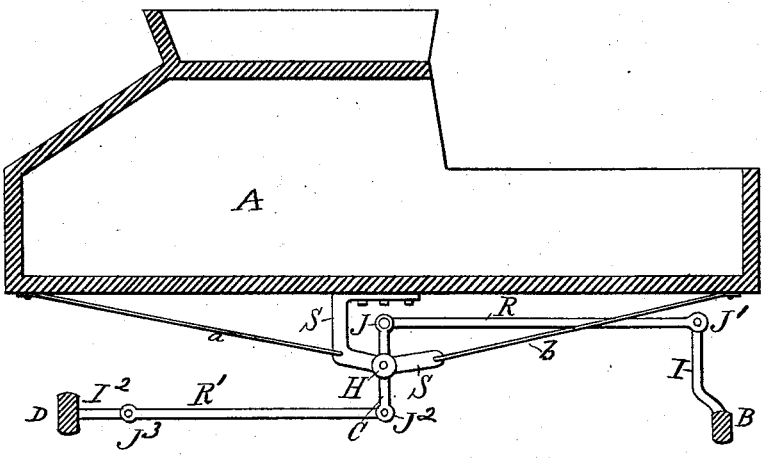
(No Model.)

E. J. STRONG.

BOX STAY FOR VEHICLES.

No. 261,641. Patented July 25, 1882.



Witnesses.
O. S. Strong
Lizzie Strong

Edwin J. Strong
Inventor.

UNITED STATES PATENT OFFICE.

EDWIN J. STRONG, OF POWHATTAN, IOWA.

BOX-STAY FOR VEHICLES.

SPECIFICATION forming part of Letters Patent No. 261,641, dated July 25, 1882.

Application filed February 17, 1882. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. STRONG, of Powhattan, in the county of Pocahontas and State of Iowa, have invented a new and useful Improvement in Vehicle-Box Stays, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing and letters of reference marked thereon, in which the figure is a side elevation of a buggy box or body with my improvements applied thereto.

The object of my invention is to provide a stay for the box or body of a wheeled vehicle, whereby the box is prevented from springing backward or forward, while at the same time the box is allowed to rise and fall vertically with perfect ease; and to this end it consists of the peculiar arrangement and construction of the parts, as hereinafter more fully set forth.

In the accompanying drawing, A represents a buggy-box, to the bottom of which is bolted or otherwise secured near its middle the bent hanger S.

C represents a vertical compensating link or lever, pivoted or jointed at its middle, H, to the hanger S near its lower end. To the upper end of the compensating-link C is pivotally secured at J a rod, R, the opposite end of which is pivotally secured at J′ to a brace, I, secured to the front axle, B, or reach. The lower end of the vertical compensating-link C is pivotally secured at J^2 to a rod, R′, of the same length as the rod R and parallel thereto, and the opposite or outer end of the rod R′ is jointed to an arm, I^2, secured to the rear axle, D, or reach.

a b represent braces extending from opposite sides of the hanger S to the front and rear ends of the box.

As the box A moves up and down the opposite ends of the link C describe opposite and equal curves, and the pivotal point H at the center of the link C moves up and down vertically.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with the bent hanger S, secured to the under face of the bottom of the box A and steadied by braces *a b*, of the vertical compensating-link C, pivoted at its middle to the hanger, and parallel rods R R′, pivoted at their inner ends to the opposite ends of the link C, and pivoted at their outer ends to the braces I I^2, secured respectively to the front and rear axles, substantially as described, and for the purpose set forth.

EDWIN J. STRONG.

Witnesses:

O. I. STRONG,

LIZZIE L. STRONG.