

Carriage-Seat.

Patented Nov. 27, 1866



Lewis E Page
per
Alexander K. Mason
Atty.

United States Patent Office.

IMPROVEMENT IN ADJUSTABLE SPRING BACK FOR VEHICLES.

LOUIS E. PAGE, OF PONTIAC, MICHIGAN.

Letters Patent No. 60,047, dated November 27, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LOUIS E. PAGE, of Pontiac, in the county of Oakland, and State of Michigan, have invented certain new and useful improvements in Rolling Adjustable Spring Lazy Backs for Vehicles; and do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters of reference marked thereon, making a part of this specification.

In the annexed drawings, A represents the seat of a vehicle; passing around the entire top of this seat is a metallic bar, B, which is firmly connected to the seat by means of four or more braces, C, which are bent to suit the shape of the seat rail, and extend from the bar, B, to the seat bottom. These braces are provided with screws which pass through the seat bottom, and are there held by nuts or thumb-screws. The front ends of the bar, B, are formed into suitable bearings, D D, to attach the front ends of two metal springs, E E, which are connected to the lazy back, H, at their rear ends. These springs, E, are made of steel, and covered so as to form rests for the arms, and are each provided with a shank, *a*, which is bent at right angles from the spring itself, and connected to a small wheel, *x*, at its extremity. A slot is made in the lazy back, H, to place the said shank. G G are two metallic plates, having small openings for the wheels, *x x*, to pass, and are screwed to the lazy back over the shanks, *a*. F F represent two metal springs which extend from the bar at the back of the vehicle seat to the lazy back, where they are secured in the same manner thereto as the springs E E. These springs, F, are also provided each with a shank and small wheel, and connected to the lazy back, H, by means of plates precisely similar to the plates G G. By reference to the annexed drawings it will be seen that the springs, F F, are bent at right angles, and act as upright springs, while the springs, E E, are intended to act as horizontal springs. The combination of the four springs with the lazy back, which is alone connected to the seat by the said springs, forms an easy riding seat either for carriages, buggies, railroad car seats, or any other style of vehicles. The rolling adjustable motion of the seat contributes to make pleasant the occupancy of the vehicle.

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

The springs E E, at the sides, and springs F F, at the back, when constructed as described, and connected to the buggy seat by means of the bar B, or its equivalent, the plates G, and lazy back H, in the manner and for the purposes specified.

As evidence that I claim the foregoing I have hereunto set my hand in the presence of two witnesses.

LOUIS E. PAGE.

Witnesses:

JOHN P. LE ROY,

T. A. FLOWER.