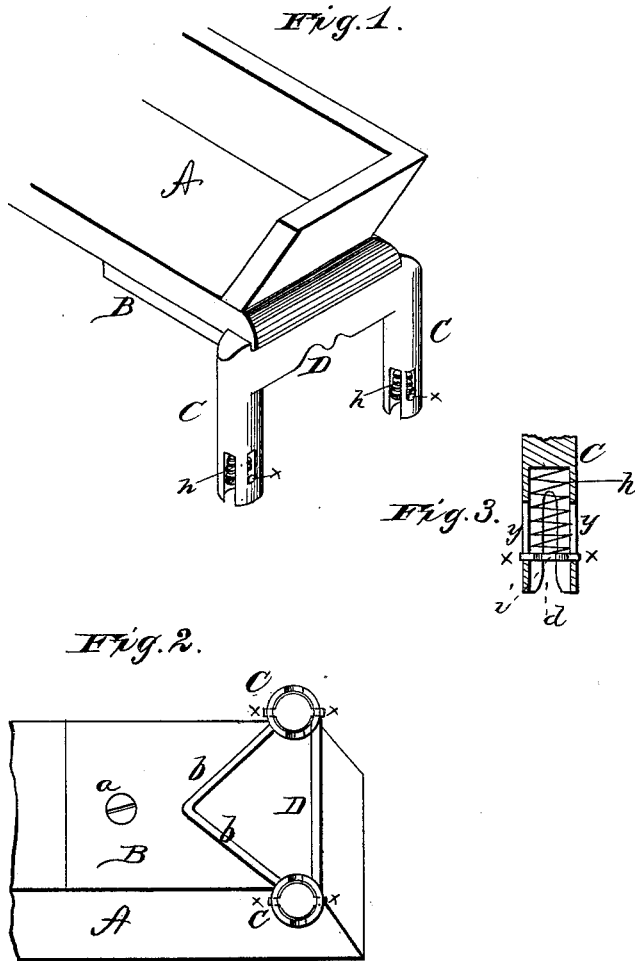


W. D. BAKER.
Wagon-Seat Spring.

No. 208,557.

Patented Oct. 1, 1878.



WITNESSES
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By

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UNITED STATES PATENT OFFICE.

WILLIAM D. BAKER, OF ALFORDSVILLE, INDIANA.

IMPROVEMENT IN WAGON-SEAT SPRINGS.

Specification forming part of Letters Patent No. 208,557, dated October 1, 1878; application filed June 26, 1878.

To all whom it may concern:

Be it known that I, WILLIAM D. BAKER, of Alfordsville, in the county of Daviess, and in the State of Indiana, have invented certain new and useful Improvements in Wagon-Seat Springs; and 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, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a wagon-seat with metallic plates having hollow slotted legs and springs within the same, as will be herein-after more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same. I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view, showing one end of a wagon-seat with my invention applied thereto. Fig. 2 is a bottom view of the same. Fig. 3 is a section of one of the hollow legs.

A represents a wagon-seat, which is provided on its under side, at each end, with a metal plate, B, fastened thereto by bolts or screws *a*.

The plate B is formed with two tubular legs, C C, which are located underneath and at or near the corners of the seat, and are connected by a bar, D, along the outer edge of the plate, and also braced and strengthened by means of ribs *b* formed on the plate.

The entire plate, with legs, bar, and ribs, is in one piece, and may be made of cast-iron, malleable iron, or other suitable metal.

Each leg C is slotted from the lower end upward for a suitable distance to fit over the side of the wagon-body. These slots *d* are made tapering, as shown, so as to give sufficient play in case one end of the seat should go down quicker than the other. Within each leg C is placed a spiral spring, *h*, which is held therein by means of a plate, *i*, having projecting ears or pins *x* entering slots *y* in the leg, as shown, to prevent the plate from coming out, and yet allow it to yield to the pressure on the seat to compress the spring.

I am aware that it is not new to support wagon-seats by means of hollow guides containing springs, and I do not claim such, broadly, as my invention.

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

The combination of the wagon-seat A, the plate B, with two slotted tubes or legs, C C, containing springs *h*, connecting-bar D, and plates *i*, with projecting ears *x x* and the strengthening-ribs *b b*, said parts being arranged under each end of the seat, so that one tube is under the front and the other under the rear of the seat, and straddling the side rails of the wagon-body, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 18th day of May, 1878.

W. D. BAKER.

Witnesses:

H. A. TOULMIN,
H. P. SUMMERS.