

T. S. BURNETT.
Spring Carriage Cushion.

No. 111,903.

Patented Feb. 21, 1871.

Fig. 1.

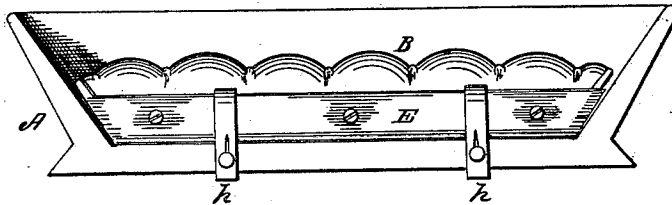


Fig. 2.

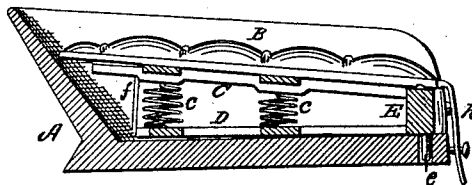
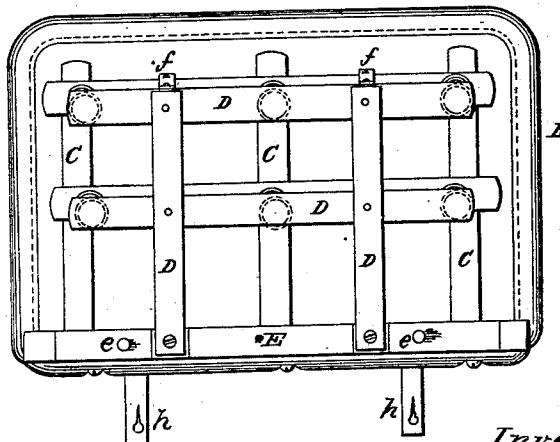


Fig. 3.



Witnesses:
Wm. J. Allen
T. A. Morley

Inventor:
Thomas S. Burnett.

United States Patent Office.

THOMAS S. BURNETT, OF SYRACUSE, NEW YORK.

Letters Patent No. 111,903, dated February 21, 1871.

IMPROVEMENT IN SPRING CARRIAGE-CUSHIONS.

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, THOMAS S. BURNETT, of Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Improvement in Spring Carriage-Cushions; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others 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 front view;

Figure 2 is a cross-section; and

Figure 3 is a bottom view of the cushion.

Similar letters of reference indicate like parts in the several figures.

In the accompanying drawing—

A is the seat, and

B is the cushion.

The cushion has a light double frame-work attached to its lower side, and spiral springs are placed between these frames, to give elasticity to the cushion.

The upper frame is shown by C, fig. 2, and the lower frame is shown by D.

The front edges of the frames C D have a non-elastic bearing on a face piece, E, but are fastened thereto loosely, by screws or other suitable means, in such manner that the rear edge of the upper frame C is free to play vertically.

The springs *c c* are arranged between the upper and lower frames, as shown in figs. 2 and 3, and the tension of the springs is regulated by stops *f f* of webbing, which are tacked to the rear edges of the frames.

The cushion-straps *h h* are fastened to the front edge of the cushion, and do not pass over and across the cushion as usually.

The face piece E has two pins, *e*, figs. 2 and 3, which engage with holes in the seat A, to hold the cushion in place, and the cushion is detached from the seat as readily as the ordinary seat.

The springs *c c* can be made to rest directly on the seat A, and the lower frame, D, be dispensed with, but I prefer to use the lower frame, as the cushion is then a separate part from the seat, and can be removed from it at any time, as ordinarily.

By this construction the face piece E makes a firm connection between the frames in a simple and substantial manner, without affecting the elasticity of the cushion at that part where the elasticity is required, and hand-sewing is entirely dispensed with, as the covering is of such form that the sewing can be done entirely with the sewing-machine.

Having thus described my invention,

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

The cushion B, and frame C D, the said frame having a stationary bearing at its front edge, on the face piece E, and its rear edge being supported by the spring *c c*, in such manner as to have vertical movement, substantially as and for the purpose specified.

The above specification of my invention signed by me this 6th day of December, 1870.

THOMAS S. BURNETT.

Witnesses:

WM. H. BOND,

F. A. MORLEY.