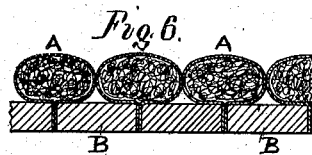
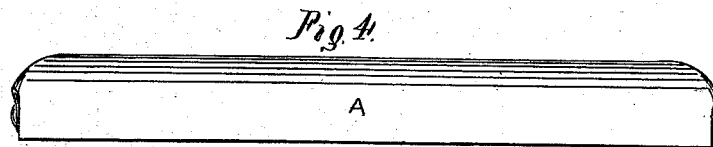
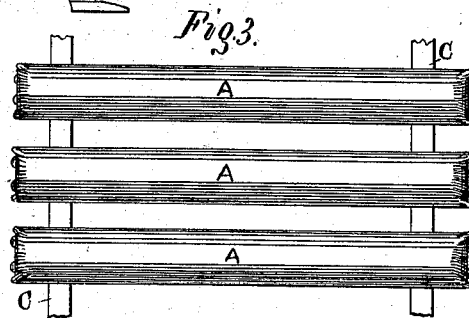
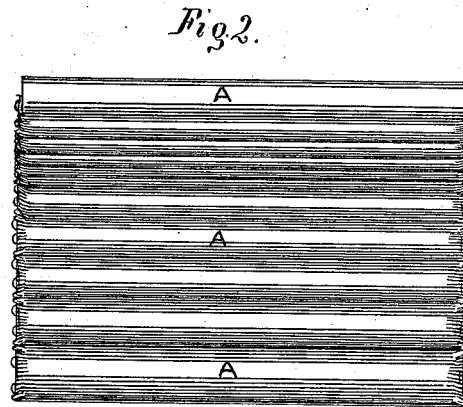
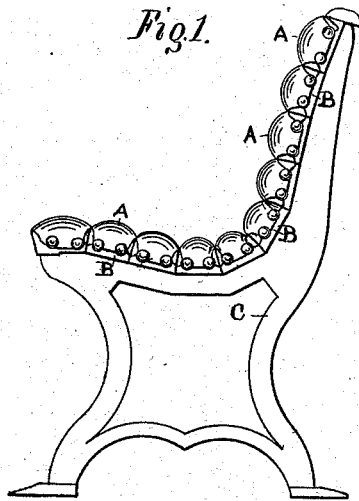


W. F. SPENCER.  
Chair-Seat.

No. 162,708.

Patented April 27, 1875.



Witnesses.  
*D. G. Stuart*  
*Leo Van Renswick*

Inventor.  
*William F. Spencer*  
*(by) A. Melballeum*  
*Att'y.*

# UNITED STATES PATENT OFFICE.

WILLIAM F. SPENCER, OF RICHMOND, INDIANA.

## IMPROVEMENT IN CHAIR-SEATS.

Specification forming part of Letters Patent No. 162,708, dated April 27, 1875; application filed January 19, 1875.

*To all whom it may concern:*

Be it known that I, WILLIAM F. SPENCER, of Richmond, in the county of Wayne and State of Indiana, have invented certain Improvements in Cushions for Settees, &c., of which the following is a specification reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a settee provided with my improved sectional cushions. Fig. 2 is a plan view of same. Fig. 3 shows the sectional cushions arranged slightly apart. Fig. 4 is an enlarged view of one of the sections. Fig. 5 is a cross-section of Fig. 4. Fig. 6 is a sectional view, showing sectional cushions of modified form, and the manner of securing the same.

My invention relates to improvements in cushions for seats, settees, chairs, sofas, cars, carriages, and other vehicles or articles to which cushions are or may be applied; and the invention consists in making the cushion in sections or separate parts, so that should one part become worn or damaged it may be replaced without affecting the other parts, thereby obviating the necessity for recushioning or covering anew the whole seat or other article, as heretofore. It also consists in securing the parts of the cushion to or by means of a series of slats or other suitable backing of wood, metal, or other suitable material, which, when put together, form a cushion of any desired form or curve, corresponding with the form of the seat or other article to which it is applied, all as hereinafter more fully set forth.

Referring to the parts by letters, A A represent a series of independent cushions made of any suitable material properly stuffed. These cushions may be secured to slats or other suitable backing or support in any convenient manner, or they may be made separate, and be secured between the edges of slats or like device, as shown in Fig. 4 of the drawings, or in any other suitable and convenient manner, so long as they are made in sections or separate pieces, which can be readily put together to form the cushion of the settee or other article to which they are

applied. As applied to the settee shown in the drawings, the cushions A A are previously secured to the slats B B, so that when the slats are placed in position on the standards or supports C C, the cushioned settee is complete without further upholstering, and when one or other of the sectional cushions A become worn or damaged so as to require repair or renewal, the slats are removed from the standards, and the one to which the damaged or worn cushion is attached is replaced by a perfect one, or the defective one is readily repaired and replaced in its former position; and as the slats may be uniform in size and shape, and interchangeable, it will be obvious that the cushions may be interchanged, so as to bring those least subject to wear into the positions before occupied by those which have been most worn. In this way the cushion as a whole may be made to last much longer than one which continually receives all the wear on certain of its parts.

By arranging the sections slightly apart, or with open spaces between them, ventilation may be secured, and all the comfort of a cushioned seat may thus be had for summer use without inconvenience from the excessive heat engendered by the person in contact with a cushion made all in one piece.

It will also be obvious that the depressions or continuous channels formed between the sections will allow of the passage of air, and thereby to a certain extent act as ventilators to keep the cushion cool.

I have shown how my improved sectional cushion may be applied to a settee constructed of slats; but I do not wish to be understood as limiting myself to such a use or application of my invention, as it will be obvious to those skilled in the art that it can be applied with like facility and good effect to any article or thing to which cushions are usually applied, or which it may be desirable to provide with cushions of this description.

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

1. A cushion made in sections or separate pieces A, secured to or between slats B, substantially as and for the purpose specified.

2. The cushions A, secured to slats B, in manner substantially as described, and arranged upon suitable standards or supports to form a cushioned seat, substantially as set forth.

3. The cushions A, secured to slats B, or other suitable backing or support, and arranged upon suitable standards or supports, with open spaces between the cushions for the

passage of air, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my signature.

WILLIAM F. SPENCER.

Witnesses:

D. G. STUART,

P. HANNAY.