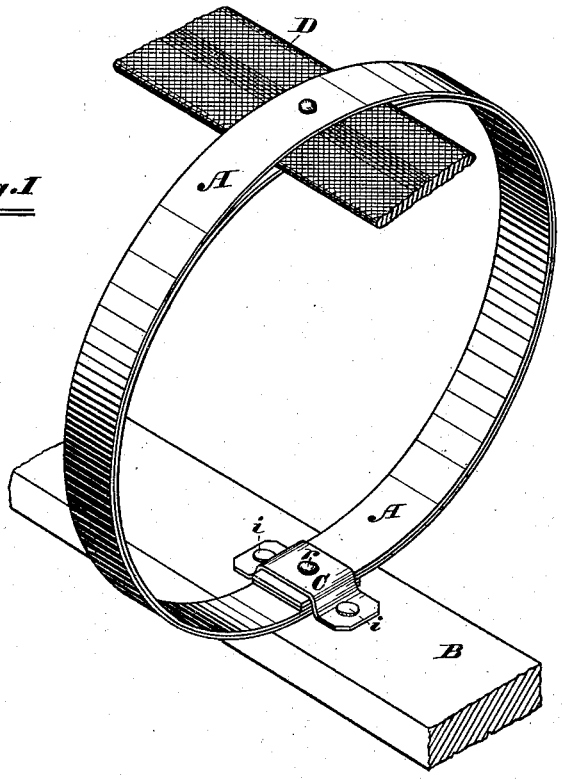
Z. COBB.

Fastenings for Seat-Springs.

No. 198,930. Patented Jan. 8, 1878.

Fig. 1



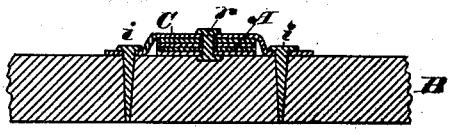


Fig. 2

Attest:

Wm. F. Baker

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Zenas Cobb.

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UNITED STATES PATENT OFFICE.

ZENAS COBB, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN FASTENINGS FOR SEAT-SPRINGS.

Specification forming part of Letters Patent No. **198,930**, dated January 8, 1878; application filed June 25, 1877.

To all whom it may concern:

Be it known that I, ZENAS COBB, of the city of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Fastening for Seat-Springs; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, of which—

Figure 1 is a perspective view, and Fig. 2 a central longitudinal section.

My invention relates to an improved mode of fastening flat springs of circular or elliptical form, such as are now much used for car-seats, sofas, chairs, beds, and the like, to the slats upon which they rest.

Hitherto the custom has usually been to place the spring at the point where its ends meet or lap between two slats, and firmly fasten the latter together. This mode, however, though giving the required firmness, is cumbersome, inconvenient, and expensive.

My object, therefore, is to provide a device which shall be free from these disadvantages, and yet be quite as effective in every respect.

My invention consists in securing the spring to the slat by means of a strip of metal of such length that when placed across the spring its ends project beyond the edges thereof, which strip is riveted at its center to the spring, and at its ends to the slat, all as hereinafter more fully set forth.

Referring to the drawings, A is the spring, which is set upright upon and across the slat B, the lapping ends being contiguous thereto. C is the strip of metal, which is secured at its center to the spring by means of the rivet *r*, which passes entirely through the lapping ends, as clearly shown in Fig. 2. This rivet is made to serve the additional purpose of holding the lapping ends together, and is therefore driven before the spring is placed in position upon the slat.

i i are the rivets or bolts which secure the ends of the metal strip to the slat; and as these should be adapted to hold the said strip with great firmness, I deem it best to have them extend entirely through the slat and clinch upon the under side thereof.

If preferred, screws or any other convenient substitute for rivets may be employed, both here and at the center.

A series of springs thus fastened at suitable intervals upon the same slat are held together at their tops by a strip of web material, D; and for practical use any required number of slats so provided are placed parallel with each other.

My present invention, however, is limited to the above-described mode of fastening alone.

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

The herein-described device for fastening the spring to the slat, consisting of the transverse strip of metal C, of such length that its ends project beyond the edges of the spring, which strip is riveted at its center to the spring, the rivet passing through the lapping ends thereof, and bolted, screwed, or otherwise secured to the slat at its ends, substantially as specified.

ZENAS COBB.

In presence of—
M. V. REED,
SAM. B. COBB.