

Zenas Cobb.
Imp'd Springs.

116557

PATENTED JUL 4 1871

Fig 1.

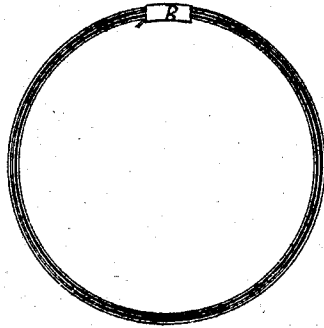


Fig 2.



Witnesses

W. H. Sherburne
A. C. Lindley

inventor

Zenas Cobb
By Darwell H. Lee
his atty

UNITED STATES PATENT OFFICE.

ZENAS COBB, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SPRINGS FOR SEATS, &c.

Specification forming part of Letters Patent No. 116,557, dated July 4, 1871.

To all whom it may concern:

Be it known that I, ZENAS COBB, of the city of Chicago, county of Cook and State of Illinois, have invented a new and improved Spring; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a side elevation, and Fig. 2 is a top view.

Similar letters of reference indicate like parts.

My invention relates to the construction of metallic springs, more especially adapted to railway-car seats and other similar upholstering purposes.

I construct my spring of flattened steel, of the dimensions desired, as shown at A A, and coiled in an annular form, so that two or more layers of the coils of the spring come in contact and are firmly and securely fastened together with a metal clasp, as shown at B B.

By this mode of construction the spring is made stronger, firmer, offering greater resistance to

the weight placed thereon, and less liable to move or bend laterally and get out of shape, and much cheaper than the springs in ordinary use for similar purposes.

In using my spring in a car-seat the spring is placed upright or vertical, and firmly and rigidly fastened to the bottom or base of the seat by means of two or more staples, or other similar and suitable fastenings, and also sewed fast at the top so as to keep the same in position to the upholstering fabric used in covering or upholstering the seat.

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

As a new article of manufacture, the annular coiled spring A A, consisting of two or more coils of flattened steel wire, and joined together by the metallic clasp B B, substantially as specified.

The foregoing specification of my invention signed by me this 6th day of April, A. D. 1871.

Witnesses:

ZENAS COBB.

N. C. GRIDLEY,

N. H. SHERBURNE.