

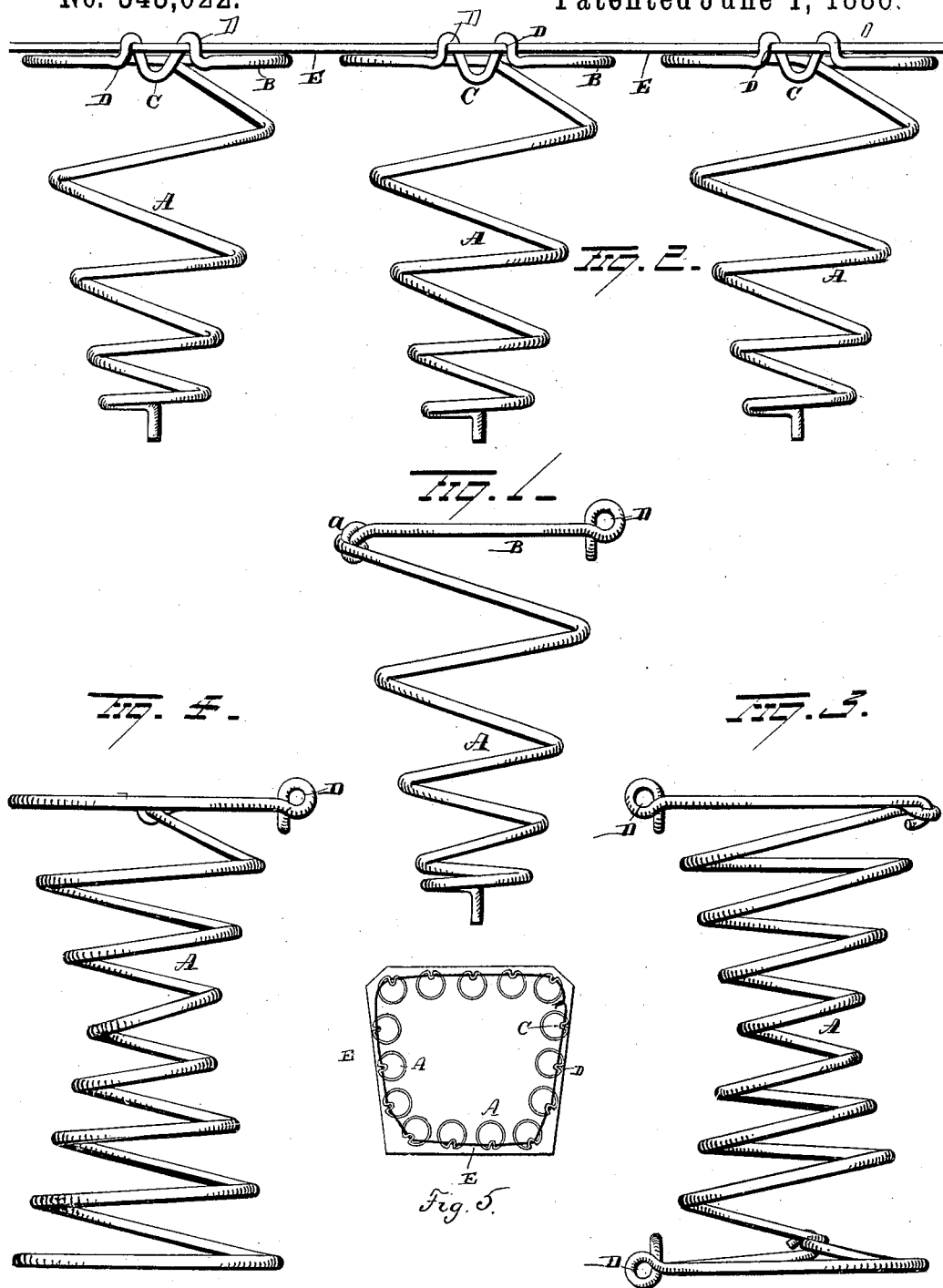
(No Model.)

O. S. & W. S. FOSTER.

FURNITURE SPRING.

No. 343,022.

Patented June 1, 1886.



WITNESSES

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UNITED STATES PATENT OFFICE.

OSCAR S. FOSTER AND WILLIAM S. FOSTER, OF UTICA, NEW YORK.

FURNITURE-SPRING.

SPECIFICATION forming part of Letters Patent No. 343,022, dated June 1, 1886.

Application filed November 27, 1883. Serial No. 112,955. (No model.)

To all whom it may concern:

Be it known that we, OSCAR S. FOSTER and WILLIAM S. FOSTER, of Utica, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Furniture-Springs; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to an improvement in furniture-springs, the object being to provide a spring of this character, which, when a number of the same are placed side by side, may be so connected as to present a continuous or unbroken outer flexible edge for upholstering; and with this end in view our invention consists in certain novel features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a side view of one of our improved springs. Fig. 2 shows a number of the same and the manner of connecting them. Figs. 3 and 4 show our invention as applied to springs of different shapes, and Fig. 5 is a plan view.

A represents an ordinary spring, the free upper end of which is rigidly secured to the upper coil, as shown at *a*. The upper coil, B, preferably at a point opposite to the connection *a*, is formed with a semicircular projection or loop, C, which is turned outwardly, inwardly, and downwardly, forming the eyelets or keepers D, through which is adapted to pass a wire, rattan, or other suitable rigid or flexible rod, E. By thus connecting the edges of the outer rows of springs, the latter are securely held in position, and also present a continuous and unbroken flexible edge, and after being upholstered present and retain a much neater appearance, and by connecting or securing the free upper end of the spring to the upper coil and forming eyelets or keepers at one side of the point *a* the upper coil of the spring is prevented from expanding when pressure is exerted on the spring.

If desired, the spring may be formed with a double cone, as shown in Fig. 3, and a similar loop or projection formed on the lower coil and bent inwardly and upwardly, and a wire run through the eyelets D. When the springs are thus constructed, they may be used for

spring-beds, the loop C being omitted from the inner or inclosed springs, the latter being connected in any desired manner, the spring in this instance being adapted to be used either end uppermost. Again, the spring may be constructed, as shown in Fig. 4, with a double cone and an eyelet formed on the upper coil only, or the spring be shaped as desired, and the upper or lower, or both coils, according to the dictate of circumstances, provided with the described keeper.

By placing the spring in proper position around the edge of a chair, sofa, or other article of furniture and passing a rod or wire through the eyelets a continuous or unbroken surface is imparted thereto, the corners being rounded or squared, as it may be desired, and after being upholstered a neat and finished appearance is given to the article.

We are aware that it is old to bend the free end of the upper coil into a hook or loop, the latter adapted to form means for loosely attaching the free upper end of the wire to the top coil, and also form a support for a border wire. We are also aware that a coiled spring having hooks and eyes on the last coil thereof, to enable the spring to be removably secured to the adjacent spring, is not new, and hence we make no claim to such constructions.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a furniture-spring the upper end of which is rigidly secured to the top coil, as shown at *a*, the said top coil being provided with a loop, C, integral therewith, and bent upwardly, inwardly, and downwardly, substantially as described, forming two eyelets or keepers, D, the latter being located in a plane above the top coil, for the purpose of permitting the border wire, for which the eyelets are formed, to rest on the top of the upper coil on opposite sides of the eyelets, substantially as set forth.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

OSCAR S. FOSTER.
WILLIAM S. FOSTER.

Witnesses:

MYRON W. VAN AUKEN,
JOHN F. HOWES.