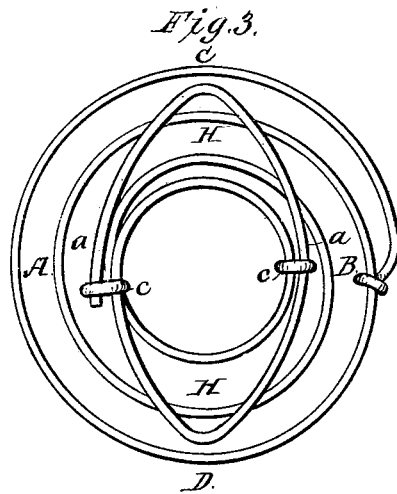
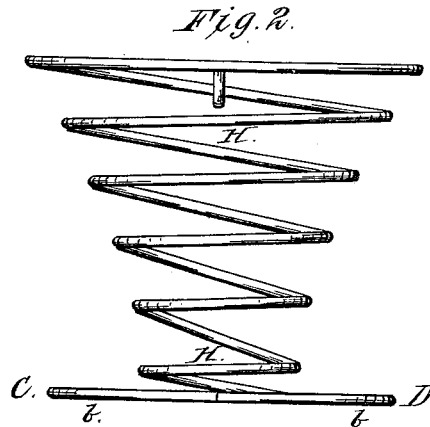
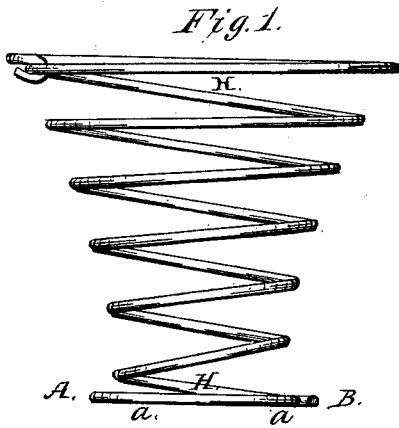


H. H. HOLMES.
FURNITURE SPRINGS.

No. 188,636.

Patented March 20, 1877.



Witnesses:

*W. R. Millon
S. A. Manuaring*

Inventor

Horace H. Holmes

UNITED STATES PATENT OFFICE.

HORACE H. HOLMES, OF ELMIRA, NEW YORK, ASSIGNOR OF ONE-HALF HIS
RIGHT TO SIDNEY A. MANWARING, OF SAME PLACE.

IMPROVEMENT IN FURNITURE-SPRINGS.

Specification forming part of Letters Patent No. **188,636**, dated March 20, 1877; application filed
December 16, 1876.

To all whom it may concern:

Be it known that I, HORACE H. HOLMES, of Elmira, in the county of Chemung and State of New York, have invented a new and useful Improvement in Furniture-Springs, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The nature of my invention relates to the improved form of construction of the coiled springs now in use for upholstering purposes; and it consists in making the spring of the usual conical shape, with the large coils at the top and smaller coils at the bottom, except the base or bottom coil, which is made larger and of an elliptical shape, thus enabling the spring to be more easily secured to the slat.

In the drawing, Figures 1 and 2 are side elevations at right angles to each other, and Fig. 3 a bottom view of my improved furniture-spring.

The same letters in the different figures refer to the same parts.

H represents the several coils of my spring, increasing in size as they approach the top, all secured together in the usual manner. The base or bottom coil, however, is made of increased size and of elliptical shape, the short diameter being A B, and the long diameter being C D. This construction gives a more secure base to the spring, and enables it to be the more securely fastened to the slats of the furniture.

Having fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A furniture-spring having an elongated or elliptical base-coil, substantially as described.
HORACE H. HOLMES.

Witnesses:

M. A. BURT,
J. B. STANCHFIELD.

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Holmes