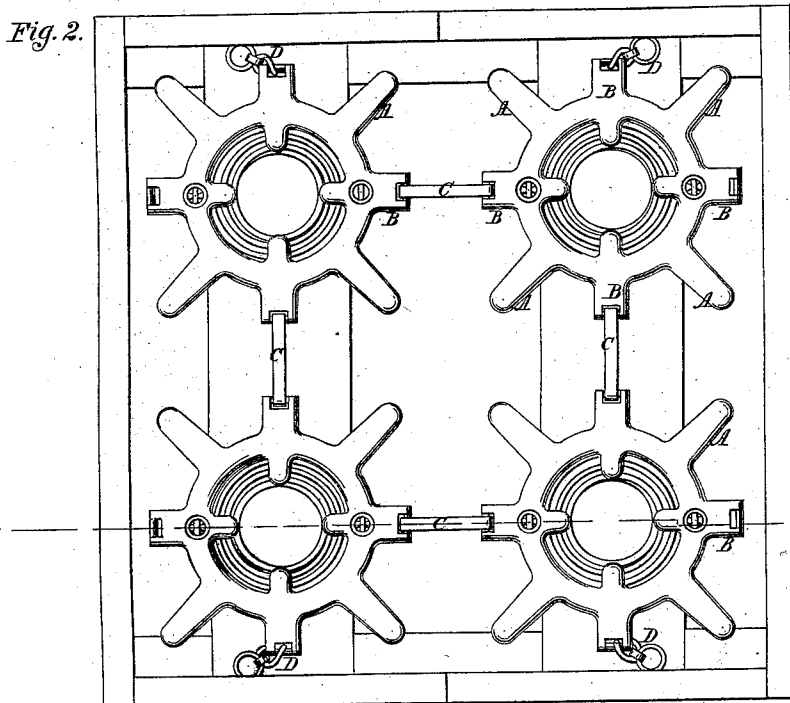
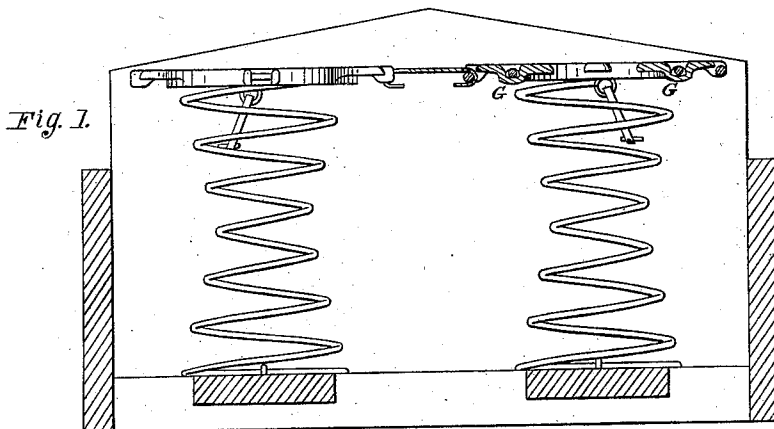


A. Tower,

Cap for Bed-Springs,

N^o 65,617,

Patented June 11, 1867.



Witnesses:

J. C. Smith
G. L. Andrews

Inventor:

Ambrose Tower,
per Chipman Hasmer & Co.
attys.

United States Patent Office.

AMBROSE TOWER, OF NEW YORK, N. Y.

Letters Patent No. 65,617, dated June 11, 1867.

IMPROVED CAP FOR UPHOLSTERER'S SPRINGS.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, the undersigned AMBROSE TOWER, of the city, county, and State of New York, have invented a new and valuable Improvement in Caps for Upholstery Springs; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

The object of my invention is to provide a cap for upholstery springs that shall be cheaper in construction and more convenient and durable in use than any similar device heretofore known or used. To this end I construct a cap of cast iron, brass, or composition, cast in suitable mould or in sand, or I construct it (which is preferable) of sheet iron, brass, tin, zinc, or other malleable metals by stamping or pressing the same with suitable stamps, dies, and presses.

Figure 2 of the drawings is a representation of the upper side of my cap. It is constructed in a circular form, and has four long arms or supports marked A, and four shorter arms marked B, with eyes in the ends thereof, so arranged as to be easily coupled with other caps, and with the sides of the frame, by couplings C. The arms B also extend inward as shown on the drawings, to afford additional supports to the mattress or other article of upholstery placed thereon. These arms may be made of any size the case may require, or the cap may be widened, if desirable, so as to furnish the support required. I usually fasten these caps to the sides of the frame by a staple hook and coupling, as shown at D on the drawings. It is sometimes preferable to use a coupling of India rubber for this purpose, and for some purposes no attachment to the frame will be required.

Figure 1 shows my method of adjusting the cap to the spring. The lower side of my cap is constructed with a groove that extends around the entire circle thereof. The upper end of the spiral spring is placed in said groove, and, by turning either the spring or the cap half around, is made secure under the eyes G. These eyes G are usually two in number, and are placed directly opposite each other below the groove above mentioned. By this device the spring is readily and securely attached to the cap, and may be detached therefrom with great ease whenever it is desirable so to do.

The advantages of my invention consist in securing combined action and uniformity in the movements of the springs by coupling them all together; in the ease with which the cap is attached to and detached from the springs; in the strength and permanency of said attachment; in the supports furnished the upholstery by the arms A and B; and in the small expense of manufacture.

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

A grooved metallic cap for upholstery springs having arms A and B, eyes G, and attachments D, constructed and arranged substantially as herein specified.

AMBROSE TOWER.

Witnesses:

J. C. SMITH,

G. L. ANDREWS.