

E. F. Johns,

Unholstering Apparatus.

N^o 62,340.

Patented Feb. 26, 1867.

Fig: 1.

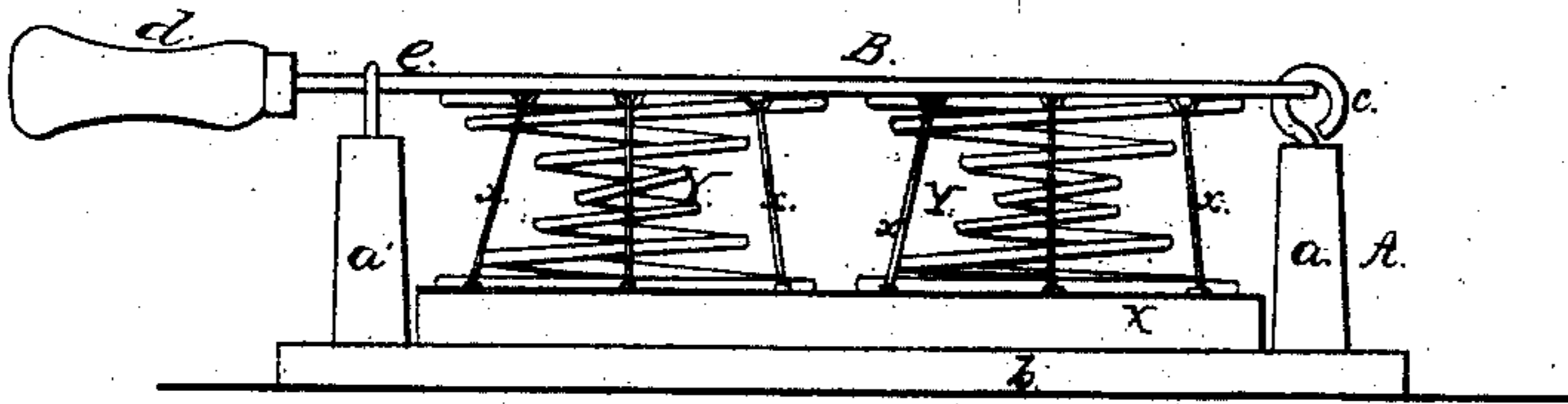


Fig: 2.

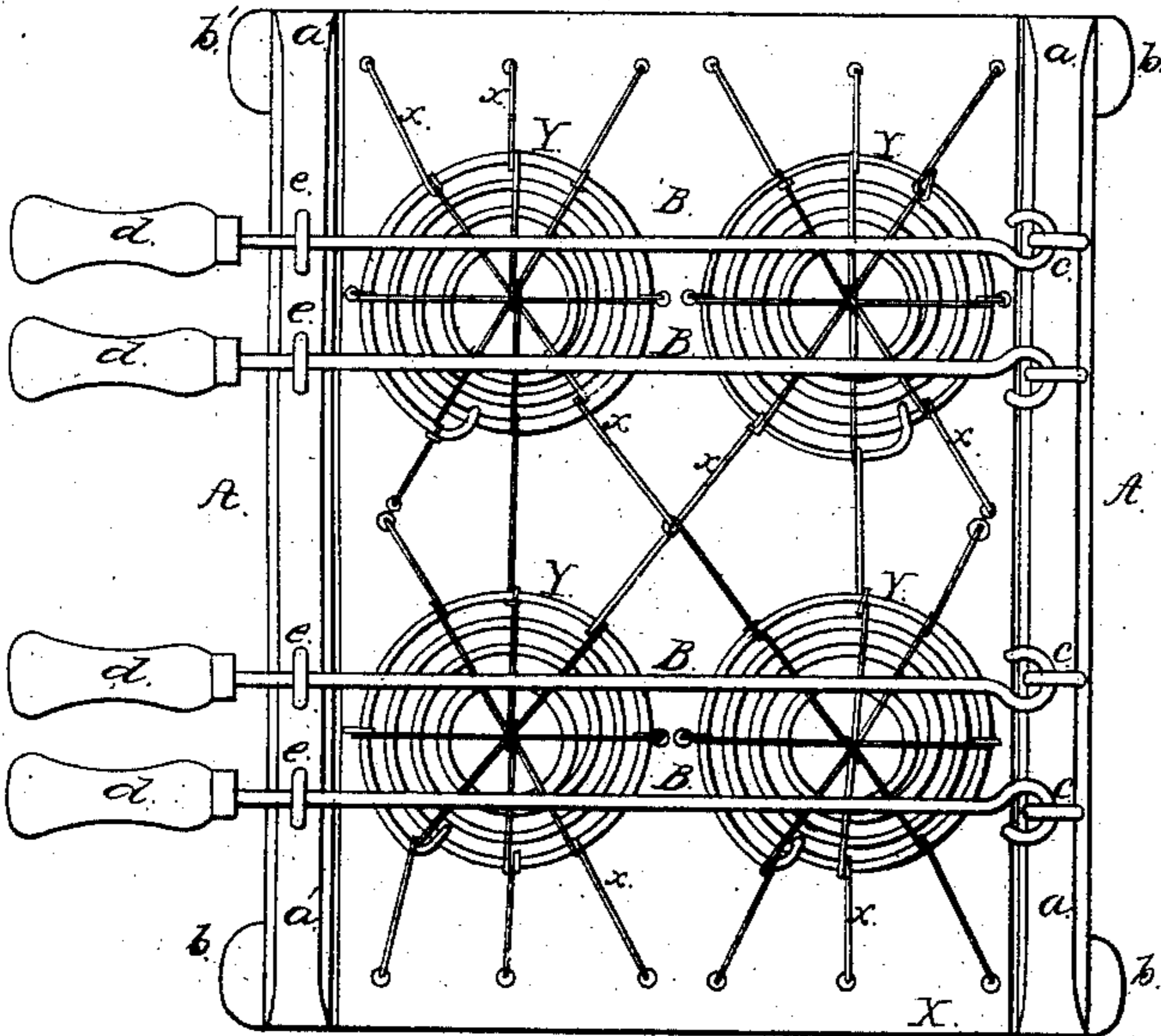
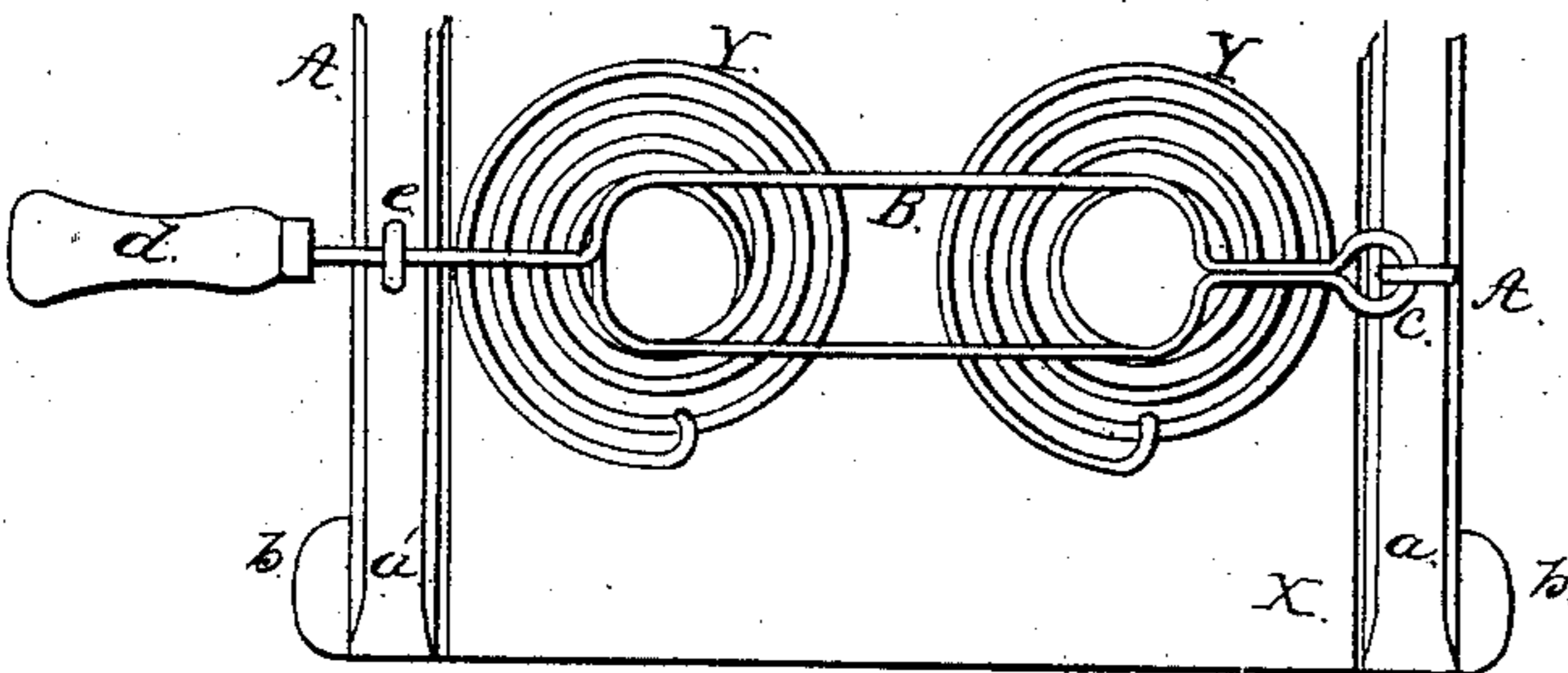


Fig: 3.



Witnesses:
Wm. Albert Hall
John Parker

Inventor.
E. F. Johns
By his Atty
J. H. Howson

United States Patent Office.

EVAN F. JOHNS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 62,340, dated February 26, 1867.

IMPROVED APPARATUS FOR APPLYING SPRINGS TO CUSHIONS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. F. JOHNS, of Philadelphia, Pennsylvania, have invented certain Apparatus for Applying Springs to Cushions: and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

My invention consists of a frame, to which certain levers are attached, and which is adapted for the reception of cushion frames, as fully described hereafter, so that the springs secured to the cushion frame may be quickly compressed and held firmly in their position while being tied to each other and to the frame.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1, an end elevation of my apparatus for applying springs to cushions.

Figure 2, a plan view.

Figure 3, a plan view of a modification; and

Figure 4, a sectional view of another modification.

A is an oblong frame, which consists of two side strips or rails, *a a'*, connected by cross-rails, *b b'*, which are secured to the lower edges of the side strips; as shown in fig. 1. To staples *c c*, at the upper edge of the strip *a*, are jointed the ends of bars or levers B B, each of which extends across the frame, and has a handle, *d*, secured to its outer end; and at the upper edge of the rail *a'*, directly opposite each of the staples on the rail *a*, is a hook, *e*. When the seat of a chair or sofa, or a spring cushion of any kind, is to be made, the ordinary helical wire springs, after being secured to the ordinary frame, and compressed, are tied to the frame by cords, so that the springs, when depressed, will be prevented from bending to one side or the other. It has heretofore been found difficult to maintain the springs in their proper positions while being tied. By the use, however, of the above-described device, this difficulty is entirely overcome.

The chair or other frame, X, to which the springs Y are secured, is placed in the frame A, between the strips *a a'*, and resting on the strips *b b'*. Each of the levers B is now brought against the upper ends of the springs beneath it, and is depressed to a horizontal position, and passed beneath the hook *e*, by which it is secured. The springs X being now compressed to the desired extent, and held in their position by the levers B, are secured together and to the frame by cords, *x x*, in the usual manner; after which the levers are disengaged from the hooks *e*, and then raised from the springs, when the frame X may be removed. I have found that, by the use of a machine of this description, the securing of the springs may be effected with far less labor and in much less time than is required when the machine is not employed. A lever, B, of the form shown in fig. 3, may be substituted for the straight levers or rods shown in figs. 1 and 2.

Without confining myself to the precise construction and arrangement of devices herein described, I claim as my invention, and desire to secure by Letters Patent—

A frame, A, with lever B, and hooks *e*, or their equivalents, constructed and adapted for the reception of the frame X of a cushion, and for the compression of springs on the same, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EVAN F. JOHNS.

Witnesses:

C. B. PRICE,

WM. HALL WAXLER.