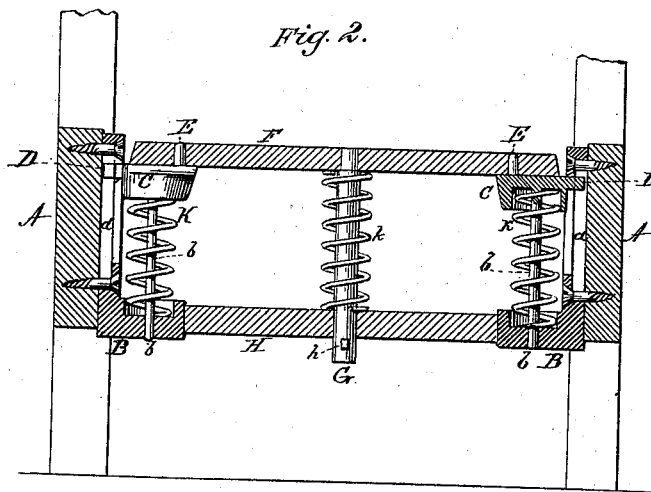
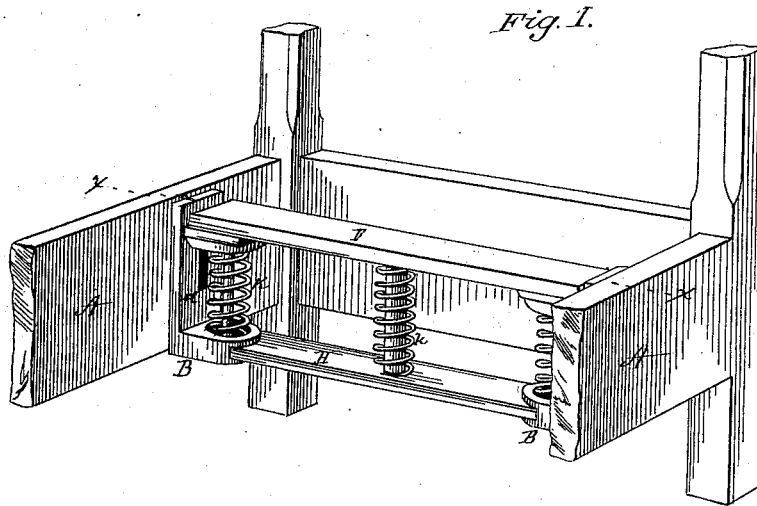


G. S. CLEMENTS & J. C. DECKER.
 Bed Bottom.

No. 201,750.

Patented March 26, 1878.



WITNESSES:
 C. Clarence Poole
 Barham Zevly

INVENTORS
 George S. Clements
 Jack C. Decker
 per Atty A. H. Evans & Co

UNITED STATES PATENT OFFICE.

GEORGE S. CLEMENTS AND JOEL C. DECKER, OF NEW LEXINGTON, OHIO,
ASSIGNORS OF ONE-FOURTH THEIR RIGHT TO THOMAS J. SMITH, OF
SAME PLACE.

IMPROVEMENT IN BED-BOTTOMS.

Specification forming part of Letters Patent No. 201,750, dated March 26, 1878; application filed
February 9, 1878.

To all whom it may concern:

Be it known that we, GEORGE S. CLEMENTS and JOEL C. DECKER, of New Lexington, Perry county, Ohio, have invented a new and useful Improvement in Bed-Springs, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a bedstead with our improvements attached. Fig. 2 is a cross-section through the line *x x*.

Our invention relates to the attachment of springs to a bedstead, to be used with any ordinary bed or mattress; and it consists in the combination and arrangement of devices hereinafter described and claimed.

To enable others skilled in the art to make and use our invention, we will proceed to describe the exact manner in which we have carried it out.

In the drawings, A represents the sides of an ordinary bedstead, to the inner surface of which, near the head and foot, are attached the metal supports B B, perforated at the bottom for the free passage of the guides *b b*.

On the top of each of the guides *b b* is secured a head-plate, C, provided with flange-tenons D, which slide in the vertical grooves *d* made in the faces of the supports B. On the top of the head-plate C projects a pin, E, for holding in position the cross-slat F.

From beneath the center of the cross-slat F extends downward the fixed guide G, passing loosely through the bar H, and provided below the bar with the cross-pin *h*. Resting on the supports B, and extending up to the head-plate C, are the springs K K, coiled around

the guides *b b*, a similar spring, *k*, being fitted between the cross-slat F and cross-bar H, and coiled around the central guide G. The central guide is allowed to pass down through the bar H as the springs are depressed by the cross-slat F; but when the springs have again risen as high as the head-plates C will allow, the cross-pin or stop *h* comes in contact with the bar H, and the guide G holds the cross-slat F securely in position on the pins E.

On the cross-slats F are to be placed any required number of longitudinal slats, for holding the bed or mattress.

We are aware that supports having springs and slotted guide-brackets have been attached to the sides of the bedstead to hold the cross-slats, and therefore we do not claim such as our invention; also, that rods passing through said support and slat at the ends of the latter have been used with a nut at each end, to prevent the slat-supporting device from being pushed up too far.

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

In combination with the sides A A of a bedstead and the slotted faced supports B, the cross-slat F, provided with the fixed guide G, having the stop *h*, the cross-bar H, the guides *b b*, head-plates C, provided with the flanged tenons D and vertical pins E, and the springs K K *k*, all constructed to operate substantially as and for the purpose set forth.

GEORGE S. CLEMENTS.
JOEL C. DECKER.

Witnesses:

JOSEPH WEILAND,
THOMAS J. SMITH.