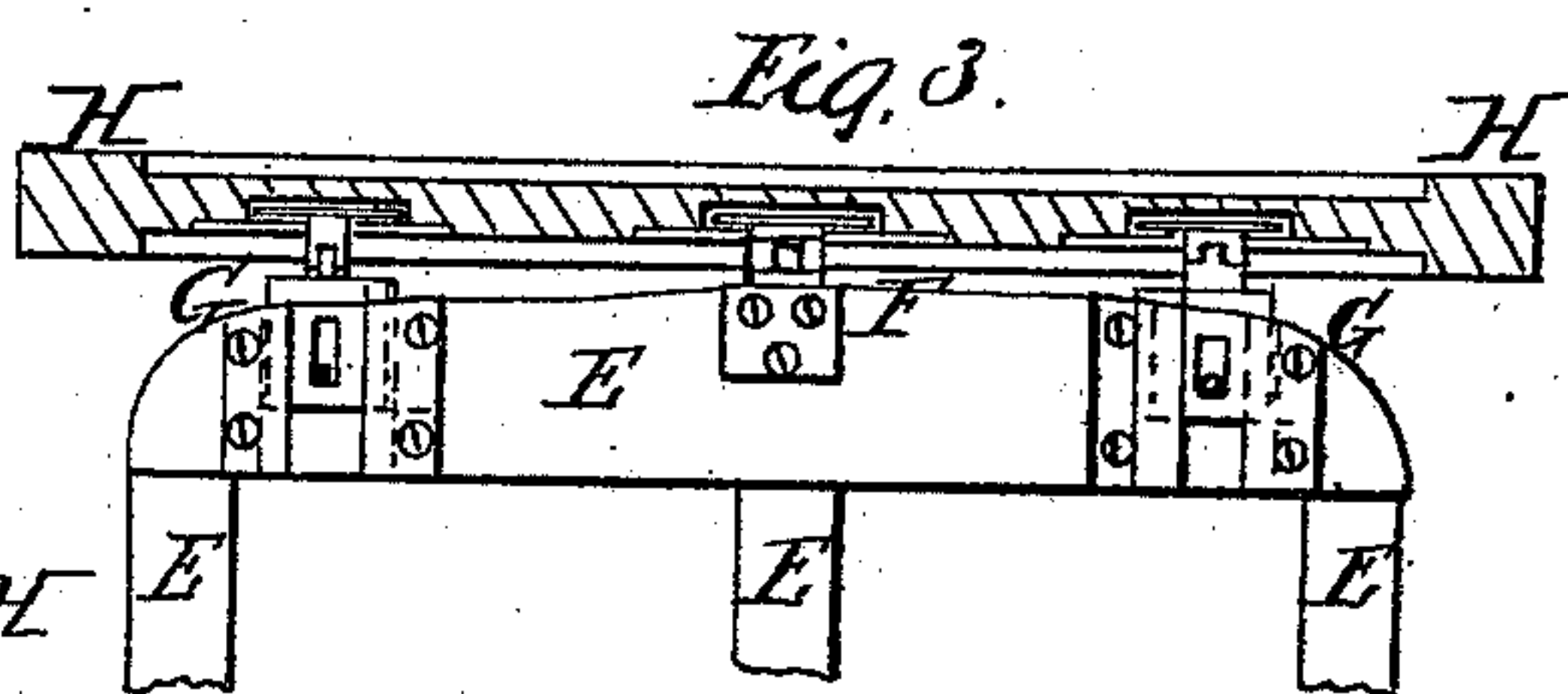
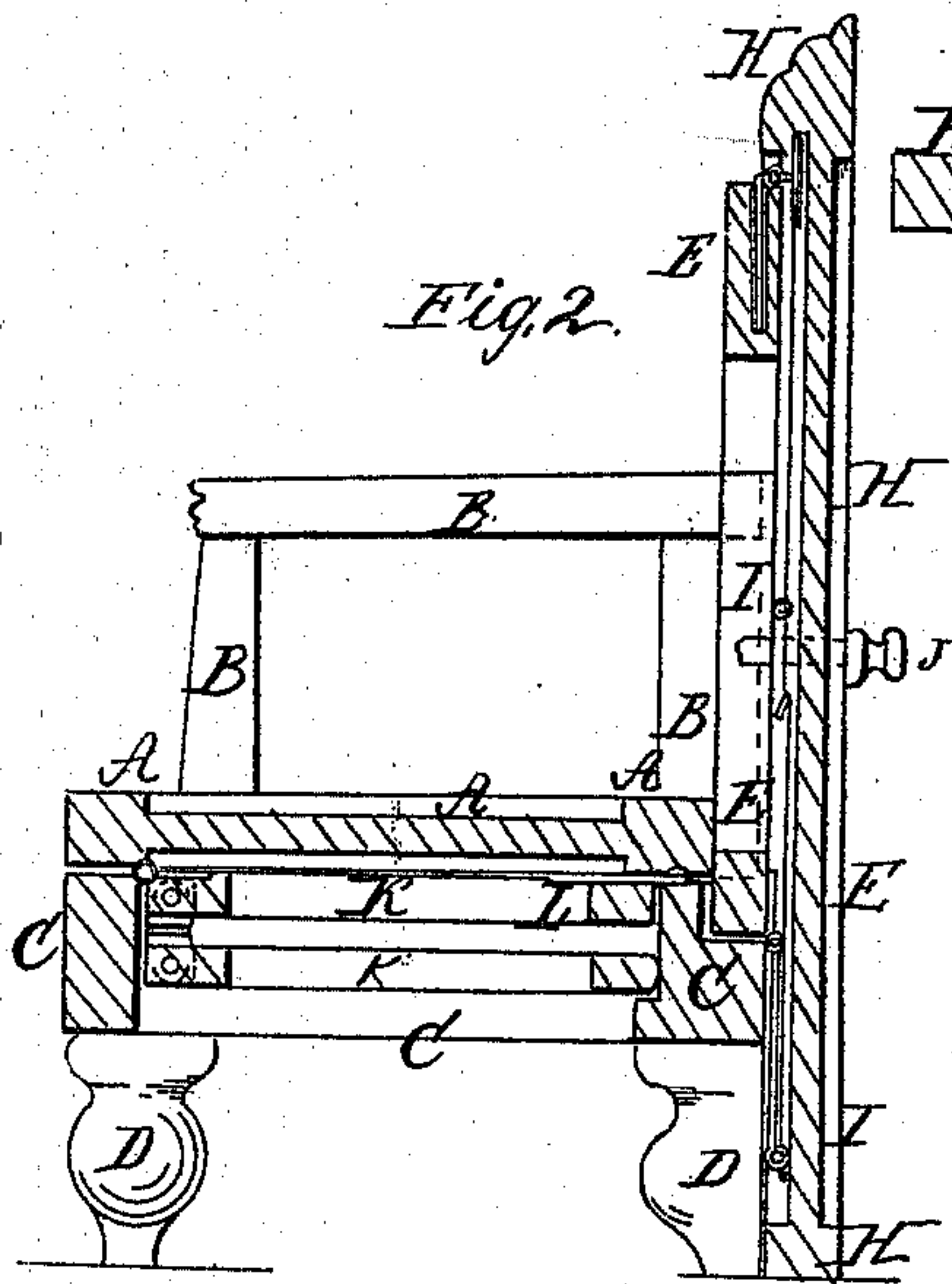
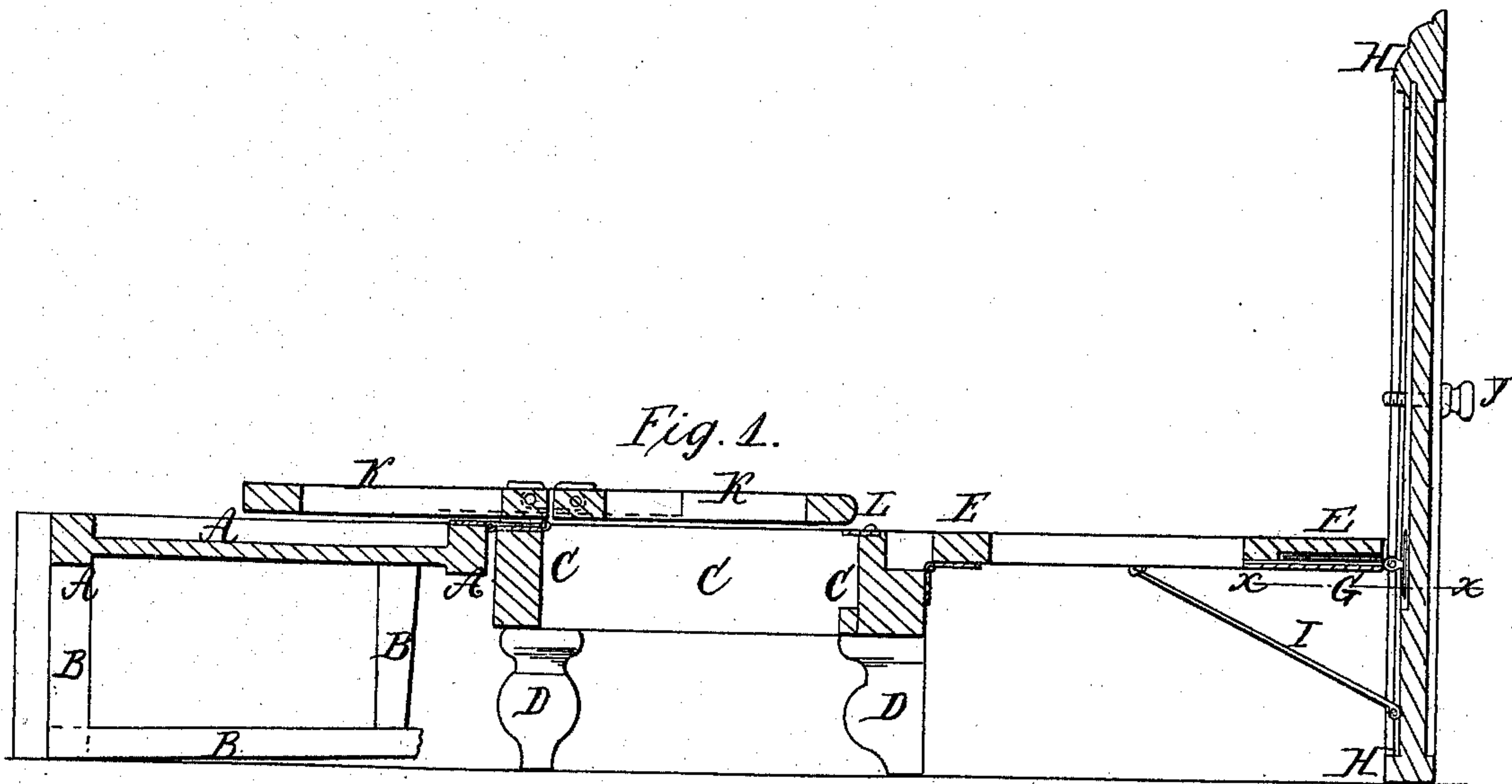


W. H. Schwalbe,

Sofa Bedstead.

No. 95,048.

Patented Sep. 21. 1869.



Witnesses,
A. W. Almqvist,
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Inventor,
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United States Patent Office.

WILLIAM H. SCHWALBE, OF NEW YORK, N. Y.

Letters Patent No. 95,048, dated September 21, 1869.

IMPROVED SOFA AND BEDSTEAD.

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, WILLIAM H. SCHWALBE, of New York, in the county of New York, and State of New York, have invented a new and useful Improvement in Combined Sofa and Bed; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a vertical section of my combined sofa and bed opened out.

Figure 2 is a vertical section of the same closed.

Figure 3 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

My invention has for its object to improve the construction of combined sofas and beds, so as to make them more convenient in use, and so as to better adapt them for use in the various places in which they may be required; and

It consists in the construction and combination of the various parts of the device, as hereinafter more fully described.

A is the upper part of the sofa, to which the arms B are attached, and which is hinged at its forward edge to the forward edge of the middle part C, to which the legs D of the sofa are attached.

One side of the part A is upholstered, to serve as a seat for the sofa, and its other side is upholstered, to serve as the lower or foot-part of the bed-bottom.

E is a frame, the lower part of which is hinged to the rear edge of the part C, and which is made of such a length that, when raised into a vertical position, it may pass between the rear ends of the arms B, and rest against the edge of the part A.

To the rear side of the upper edge of the frame E are attached the slide-hinges F and G.

The middle hinge F is designed to be made strong, so as to mainly sustain the strain, and its forward strap is securely attached to the frame E.

The forward straps of the side hinges G slide in ways attached to said frame E, where their movement is limited by a screw passing through slots in said straps, as shown in fig. 3. This allows the top edge of the frame E to be made curved if desired.

The frame E should be upholstered, to serve as the back of the sofa or as the head-part of the bottom.

To the other straps of the hinges F G are attached, or upon them are formed, cross-heads or plates, which enter and slide in ways or dovetailed grooves in the back H, as shown in figs. 1, 2, and 3, so that, by drawing the parts A C forward, the upper end of the frame E will slide down upon the back H, allowing said back to retain its vertical position, and serve as an end-board to the bed.

When the frame E is lowered into a horizontal position, it is secured in place by the hooks I, which are pivoted to the lower part of the back H, and which

hook into staples attached to the said frame E, as shown in fig. 1.

When required or convenient, as, for instance, in steamboat saloons, the back H may be a permanent part of the partition, or, in other words, the grooves in which the cross-heads of the hinges F G slide may be formed in the said partition.

When folded up to serve as a sofa, the various parts are secured to each other by screws, J, passing in through the back H and screwing into the arms B, or passing through the arms B and screwing into the back H, as may be most convenient, reference being had to the construction of the combined sofa and bed in each case.

K is a frame, which is made in two parts, hinged to each other, so as to fold together in such a way as not to displace the springs or other upholstery.

The parts of the frame K are hinged at their hinged edges to the forward part of the central part C of the sofa and bed, as shown in figs. 1 and 2, so that they may be folded together, and folded down into the interior of the part C, so as not to interfere with the folding or closing of the hinged part A of the sofa or bed.

When required for use, the frame K is opened, out as shown in fig. 1, the one part resting upon the frame of the part A, and the other part of said frame K resting upon the bars L, which are pivoted to the frame of the part C near its corners, in such a way that their free ends may be swung out to cross the angles or corners of the frame of the part C, for the corners of the said part of frame K to rest upon.

When not required for use in supporting the frame K, the bars L are swung into recesses in the frame of the said part C, so as to be entirely out of the way.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

1. The frame K, made in two parts, hinged to each other, and to the parts C of the sofa and bed, in combination with the hinged parts A C of the said sofa and bed, substantially as herein shown and described, and for the purposes set forth.

2. The hinged frame E, in combination with hinged and folding parts C A, and with the vertical back H, whether said back be made solid with or separate from the partition or wall of the room, substantially as herein shown and described, and for the purpose set forth.

3. The hinges F and G, constructed as described, in combination with the hinged frame E and grooved-back H, substantially as and for the purpose set forth.

The above specification of my invention signed by me, this 16th day of August, 1869.

WILLIAM H. SCHWALBE.

Witnesses:

GEO. W. MABEE,

JAMES T. GRAHAM.