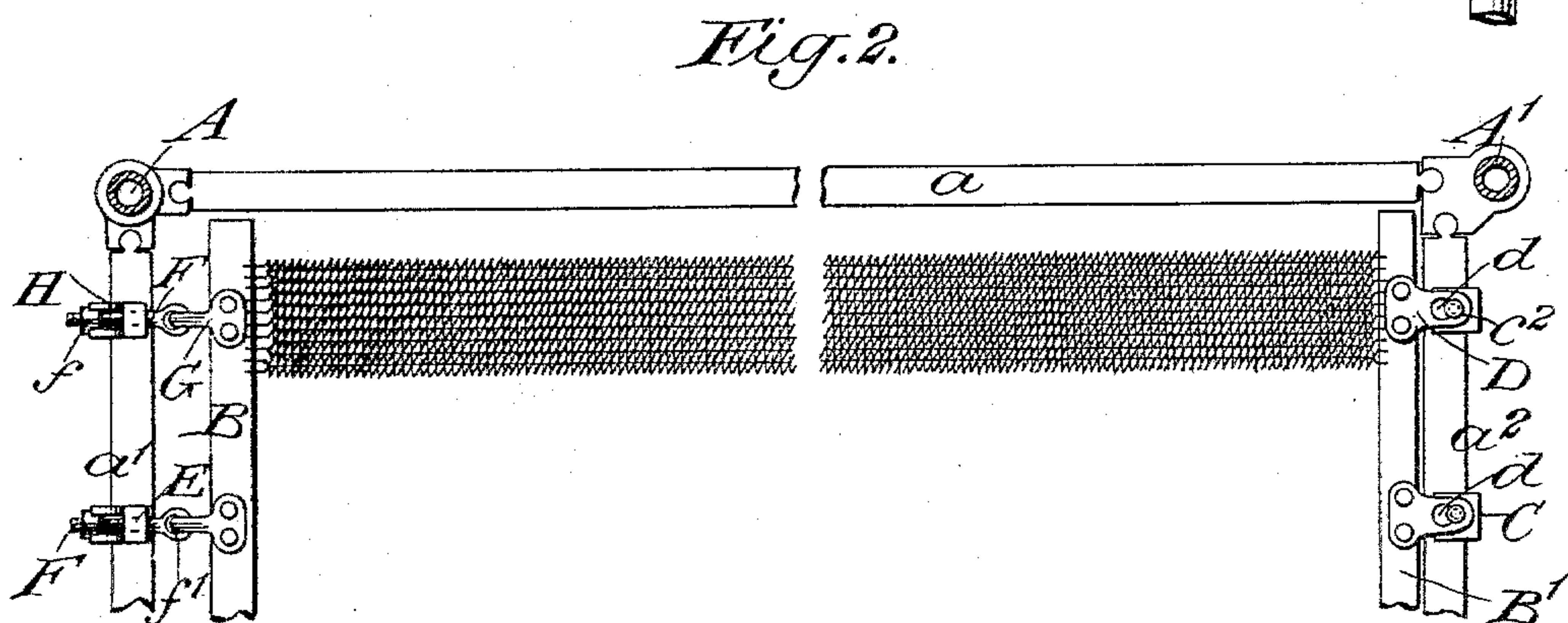
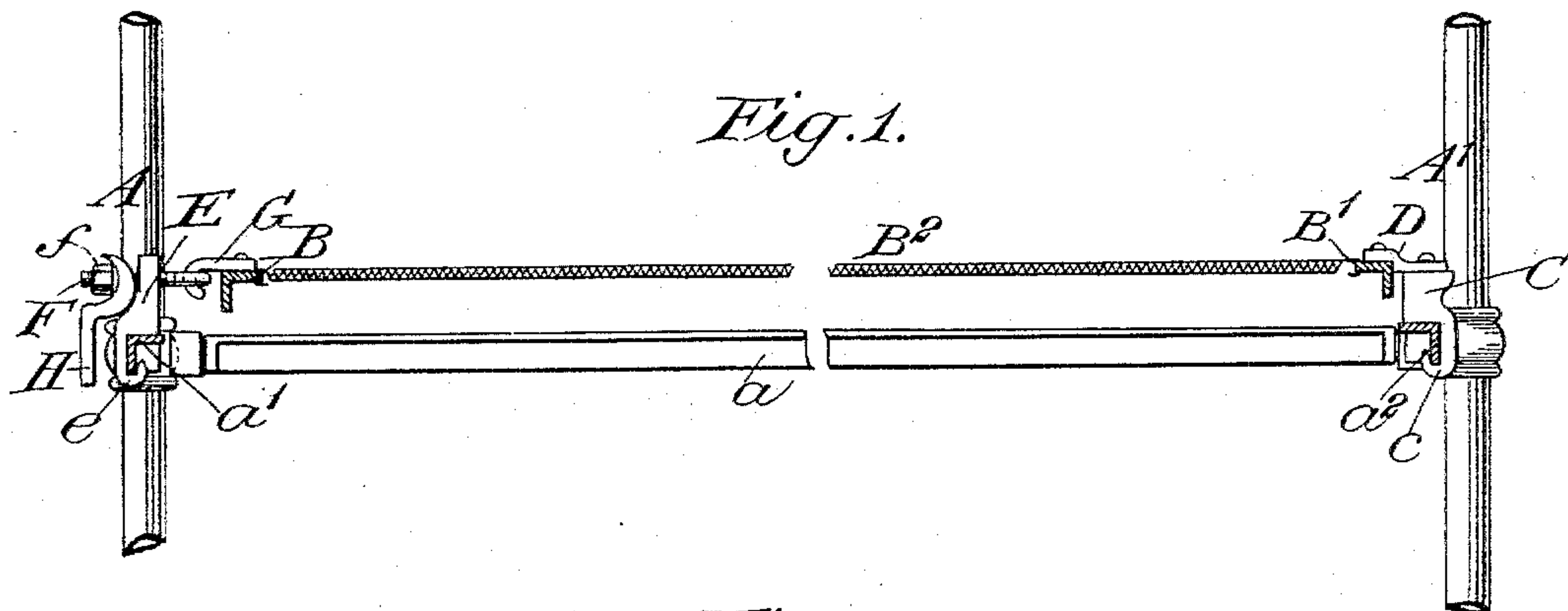


(No Model.)

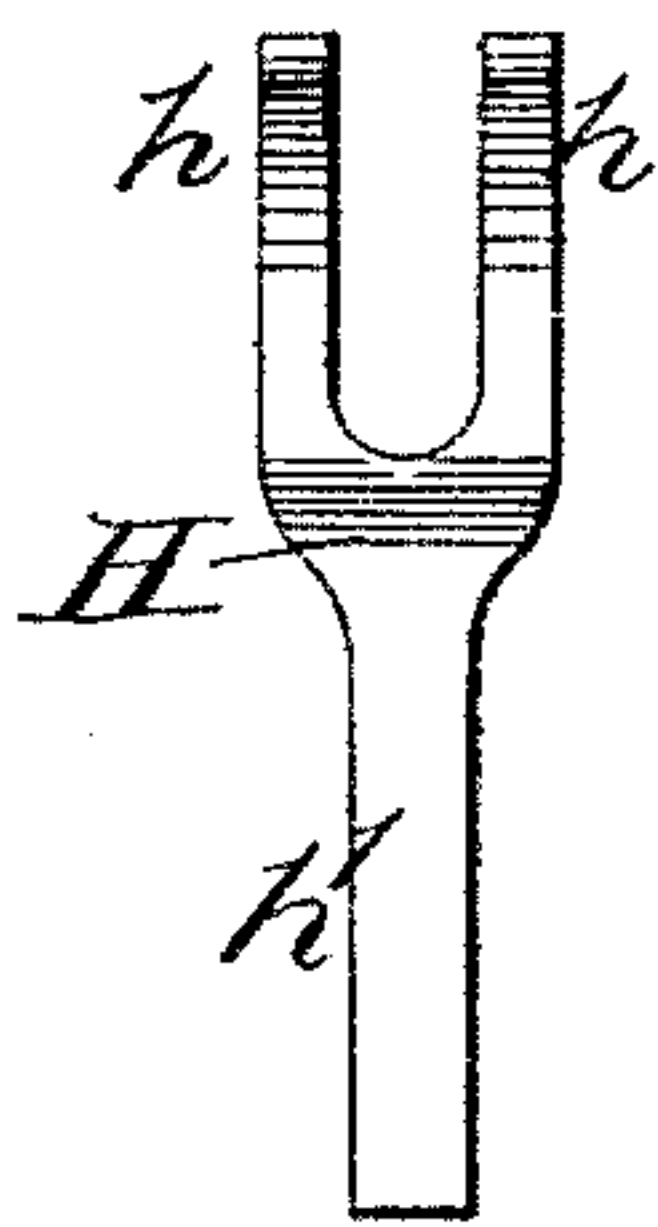
R. J. EVERITT.  
SPRING BED BOTTOM.

No. 597,143.

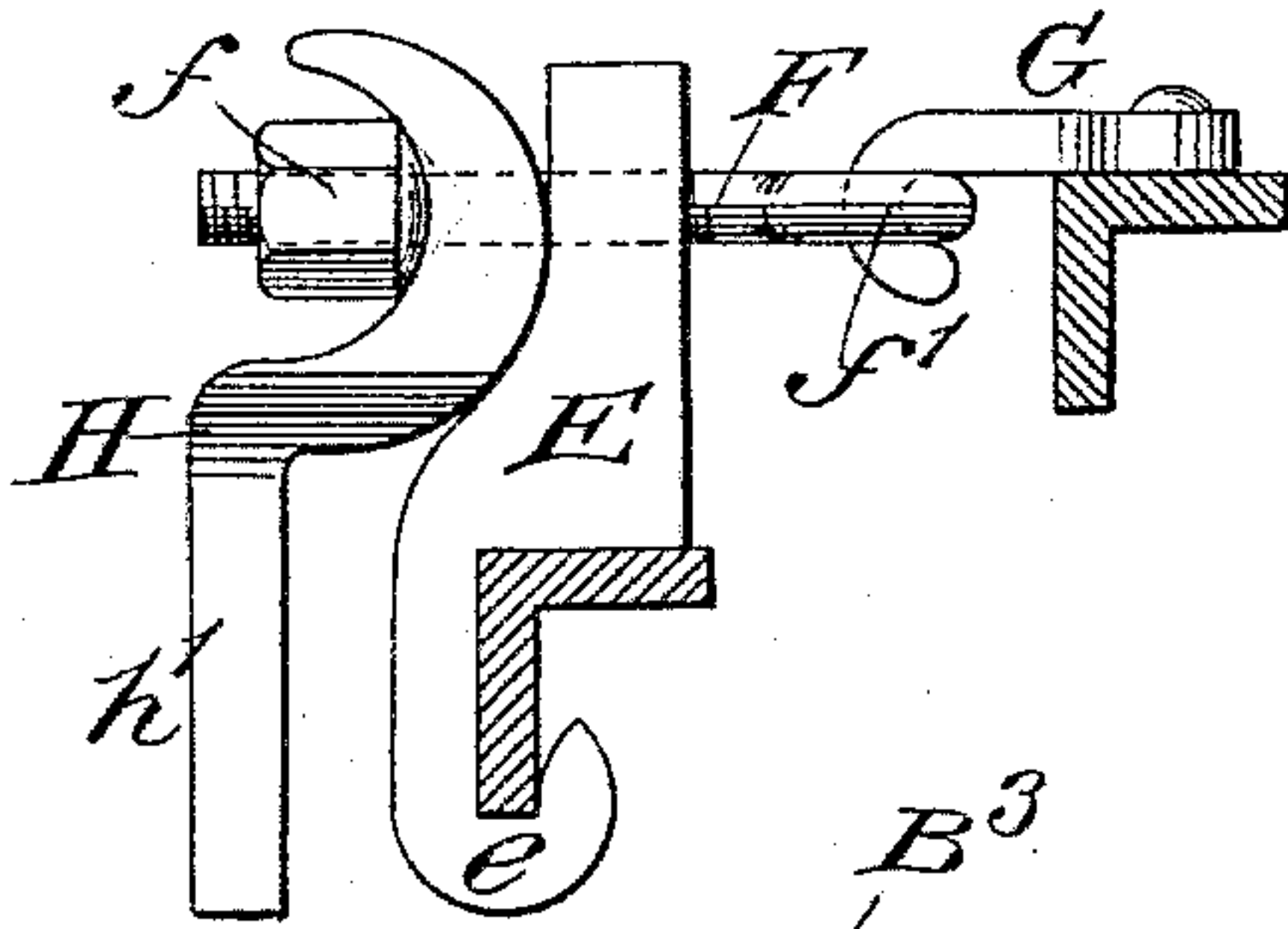
Patented Jan. 11, 1898.



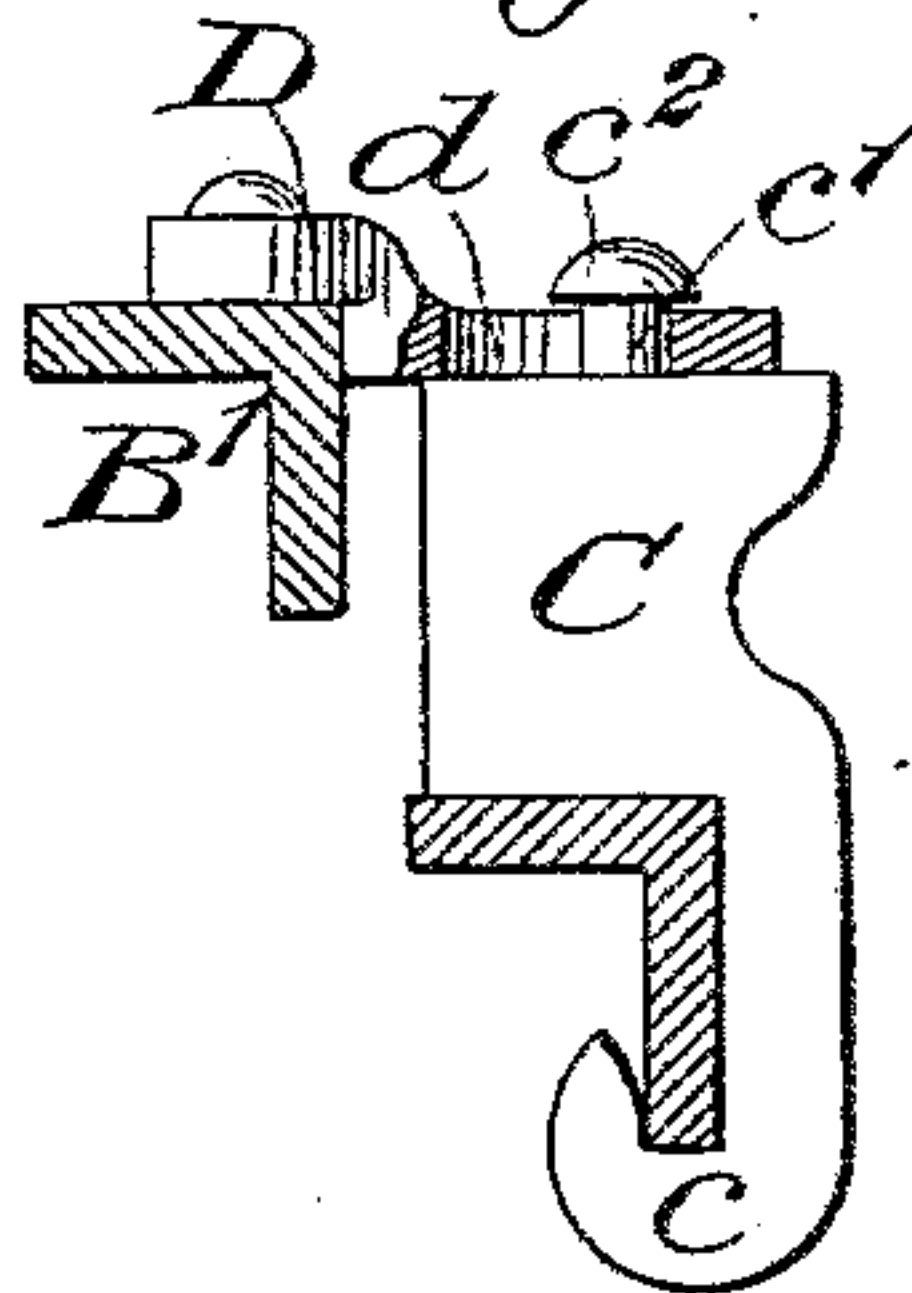
*Fig. 3.*



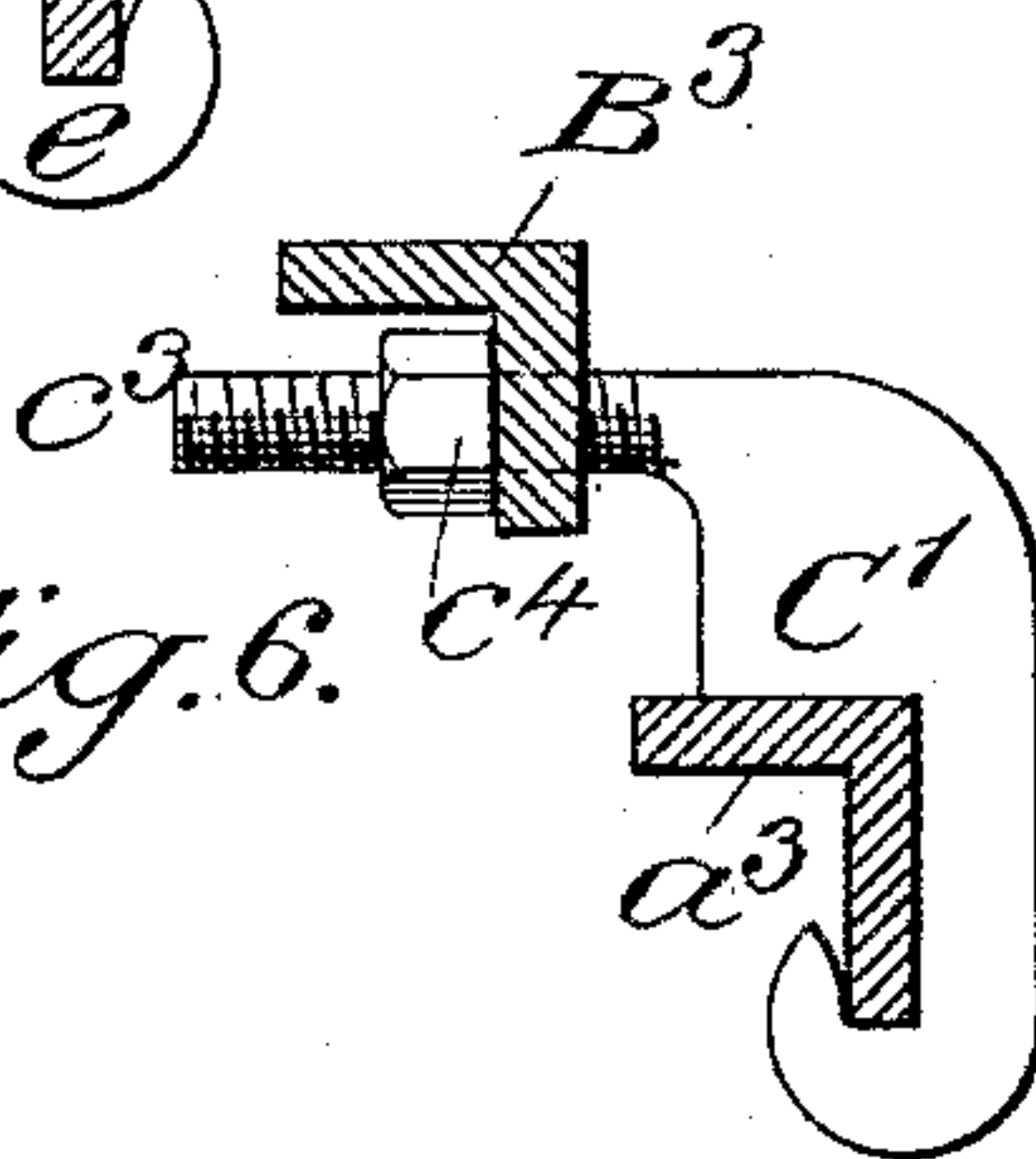
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



Witnesses:  
George Bany Jr.  
Edward Viner.

Inventor:  
R. J. Everitt.  
by attorneys  
Brown & Howard.



# UNITED STATES PATENT OFFICE.

ROBERT J. EVERITT, OF BROOKLYN, NEW YORK, ASSIGNOR TO OSCAR E. A. WIESSNER, OF SAME PLACE.

## SPRING BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 597,143, dated January 11, 1898.

Application filed August 24, 1897. Serial No. 649,287. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT J. EVERITT, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Spring Bed-Bottoms, of which the following is a specification.

This invention relates to certain improvements in spring bed-bottoms, the objects being to provide a bed-bottom which may be easily detachable for the purposes of cleaning, stowage, or removal, which may be easily replaced in its position, and in which the springs may be tightened or loosened to adjust the bed-bottom, as may be required.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 represents a vertical section through a portion of a bedstead with my improved bed-bottom in position thereon. Fig. 2 is a top plan view of the same. Fig. 3 is an enlarged face view of the locking and releasing wedge. Fig. 4 is an enlarged side view of the parts of the bed-bottom which are adjacent to one end of the bed—as, for instance, the head. Fig. 5 is a side view, partially in section, of the parts adjacent to the other end of the bed—as, for instance, the foot; and Fig. 6 is a side view of a modified form of attaching and adjusting device.

The portions of the bedstead herein represented consist of a head-post A, foot-post A', a side rail  $a$ , which serves to connect the head and foot posts together, a head cross-rail  $a'$ , which serves to connect the two head-posts rigidly together, and a cross-rail  $a^2$ , which serves to connect the two foot-posts rigidly together. The rails  $a$   $a'$   $a^2$  are herein shown as being of angular construction, L shape in cross-section, with the horizontal portion of the L at the top.

The spring bed-bottom comprises head and foot cross-rails B B', between which extend the springs B<sup>2</sup>.

The foot cross-rail B' of the bed-bottom is removably secured to the bedstead cross-rail  $a^2$  in the following manner: A number of removable blocks C are seated along the rail  $a^2$  at intervals, the said blocks being provided with hook portions  $c$ , which are adapted to engage the downwardly-extended flange of

the rail to prevent the blocks C from being disengaged by inward tension. Each of these blocks is provided with a headed stud or pin  $c'$ , having a suitable enlarged head  $c^2$ . The cross-rail B' is provided with a series of eye-plates D, which are provided with elongated eyes  $d$ , which have enlarged and reduced portions, the enlarged portions permitting the insertion of the studs  $c'$  and the reduced portions serving to engage the said studs to removably lock the said cross-rail to the blocks C.

The head cross-rail B of the bed-bottom is removably secured to the bedstead-head cross-rail  $a'$  in the following manner: A number of blocks E are seated upon the rail  $a'$  at intervals apart, the said blocks having hooks  $e$ , which engage the downwardly-extended flange of the rail for preventing the removal of the blocks under inward tension. An eyebolt F passes through each of the blocks E, the outer screw-threaded end of the said bolt being provided with an adjusting-nut  $f$ . The cross-rail B is provided with a number of hooks G, which are adapted to enter the eyes  $f'$  of the bolts F. A locking and releasing wedge or key H has its wedge portion inserted between the nut  $f$  and the outer face of the block E. In the present instance the wedge portion of the key consists of a pair of curved branches  $h$ , which gradually increase in thickness from their points to the shank  $h'$  and are adapted to embrace the bolt F.

The bed-bottom is adjusted and removed in the following manner: Supposing the keys H to be in position, with the wide portions of their wedges interposed between the nuts  $f$  and the blocks E, the nuts  $f$  are screwed in one direction to draw the head and foot rails B B' apart to tighten the bed-bottom, or the nut is screwed in the opposite direction to loosen the bed-bottom. When it is desired to remove the bed-bottom from the bedstead, the wedges or keys H are withdrawn by pulling their shanks  $h'$  outwardly. This will permit the head-rail B to be unhooked from the eyebolts F, and the foot-rail B' may then be released from the blocks C.

In the form shown in Fig. 6 the cross-rail B<sup>3</sup> may either represent the head or foot rail, and it is removably secured to the cross-rail  $a^3$  of the bedstead by providing the block C'



with a screw-threaded projection  $c^3$ , passing through the downwardly-extended flange of the rail  $B^3$  and provided with an adjusting-nut  $c^4$ , engaging the inner face of the said flange.

By the above arrangement I am enabled to quickly and easily adjust the bed-bottom to the required degree of stiffness and, furthermore, am enabled to remove or attach the bed-bottom without disturbing the adjustment.

When the bed-bottom is removed, it may be rolled into a very small compass, making it very convenient for packing, stowing, or moving.

Furthermore, it will be seen that the bed-bottom may be very readily and effectively cleaned when so desired.

It is evident that the devices for removing the bed-bottom may be reversed, and it is also evident that slight changes might be resorted to in the construction and arrangement of the several parts without departing from the

spirit and scope of my invention. Hence I do not wish to limit myself to the structure herein shown and described; but

What I claim is—

The combination with the bedstead cross-rails and the removable bed-bottom having head and foot rails, of means for removably securing one of the bed-bottom rails to its corresponding bedstead-rail and means engaging the other bed-bottom rail for adjusting and removably securing it comprising a series of blocks carried by the bedstead-rail, each block having an eyebolt engaging the bed-bottom rail, an adjusting-nut engaged therewith and a locking and releasing wedge or key interposed between the said nut and the block, substantially as set forth.

ROBERT J. EVERITT.

Witnesses:

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