

J. D. TIFFT.
Spring Bed Bottom.

73268

Fig. 1.

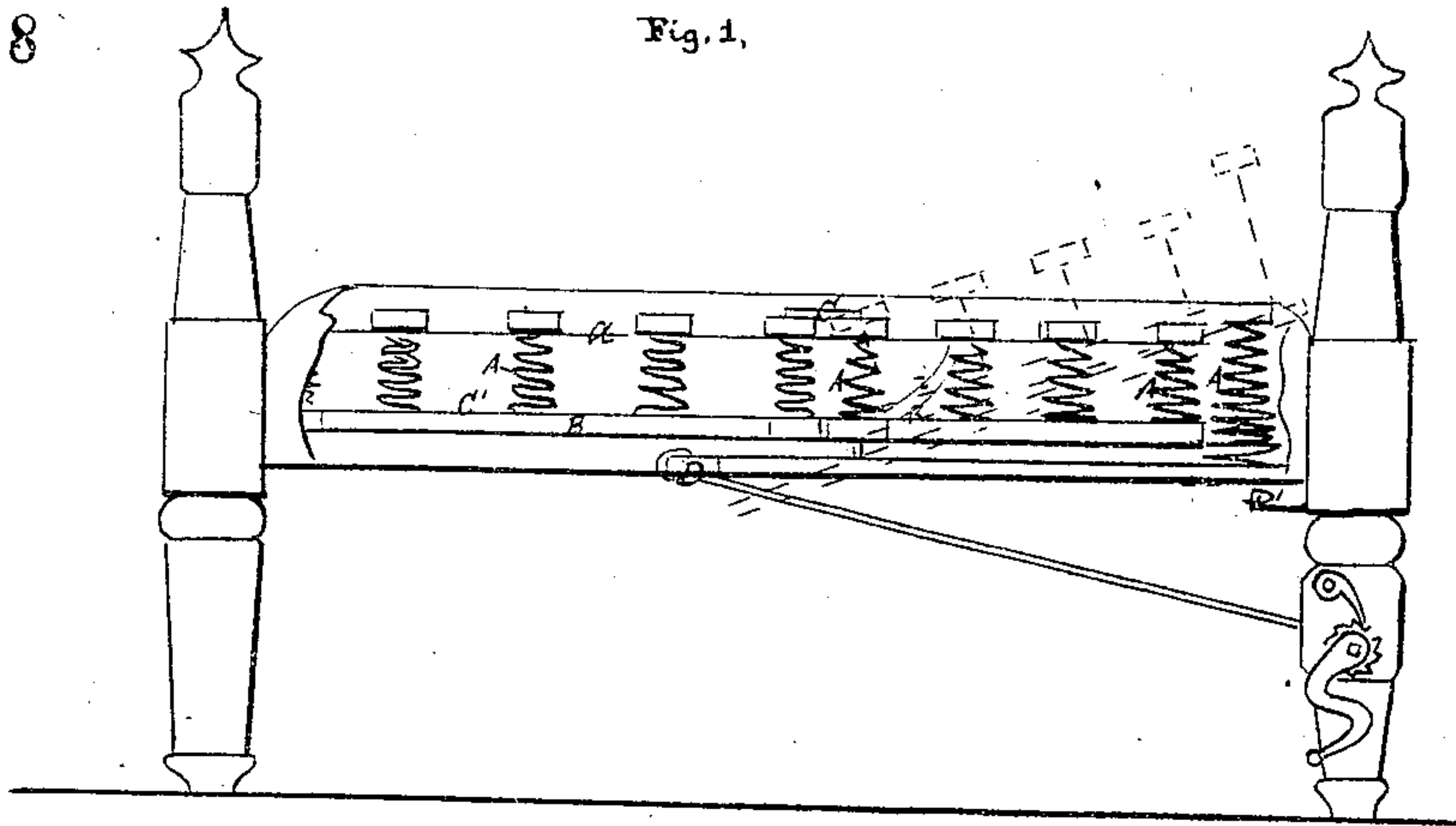
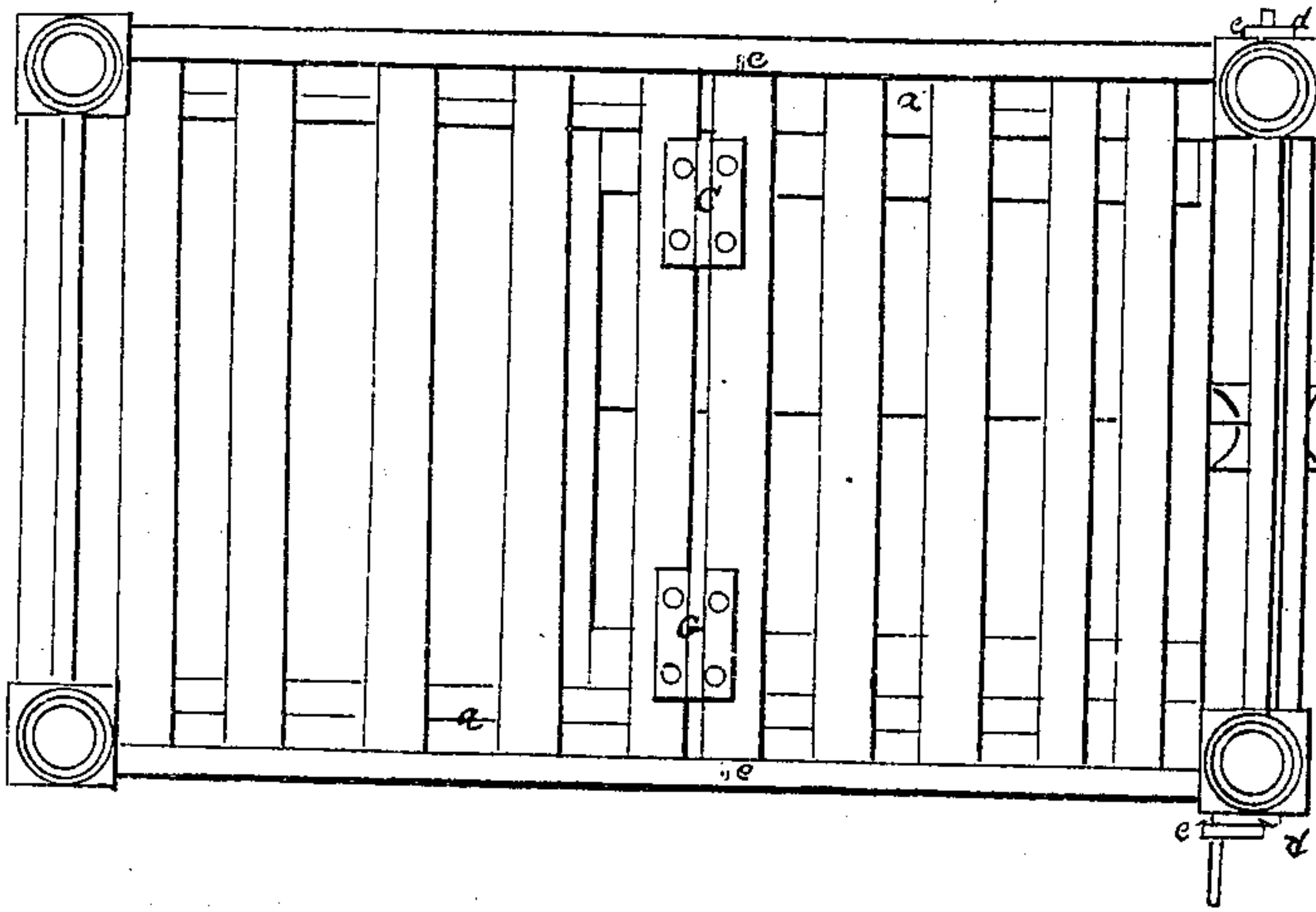


Fig. 2.



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Fig. 3.

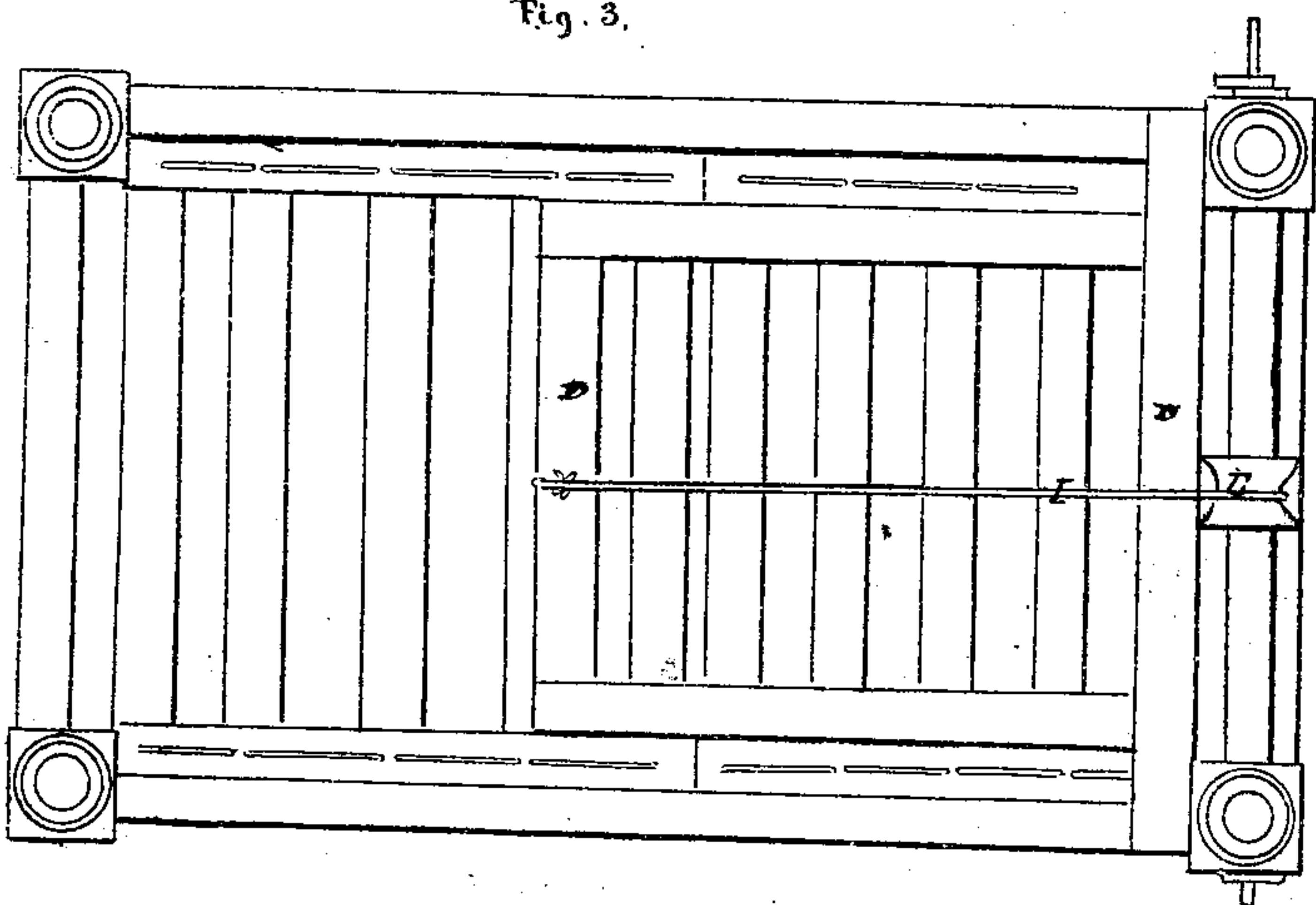
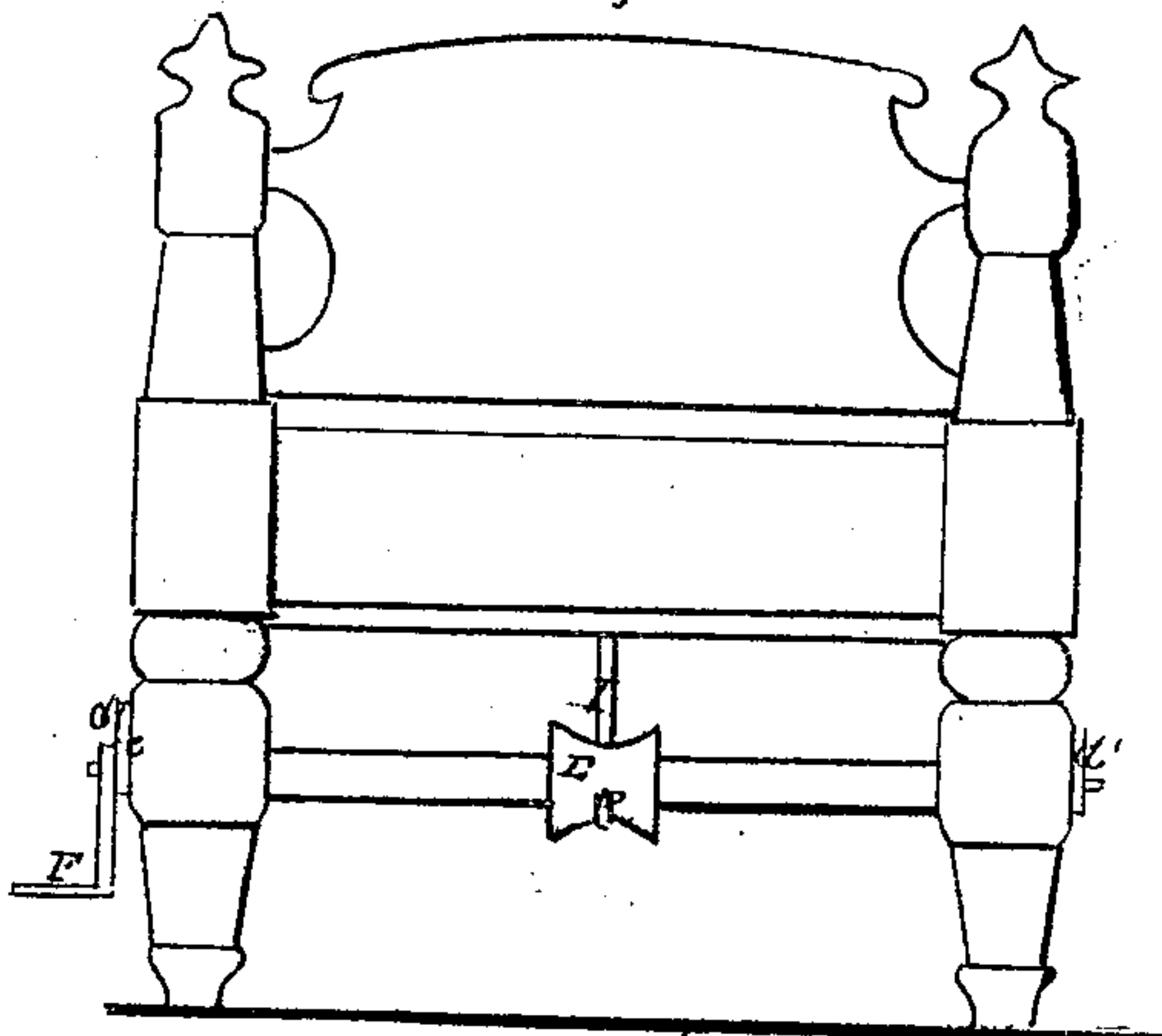


Fig. 4.



Inventor.

Witnesses.

J. D. Tiff

W. H. Bussing

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J. D. TIFFT, OF CUYAHOGA FALLS, OHIO.

Letters Patent No. 73,268, dated January 14, 1868.

IMPROVED SPRING-BED BOTTOM.

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, J. D. TIFFT, of Cuyahoga Falls, in the county of Summit, and State of Ohio, have invented certain new and useful Improvements in Spring-Bed Bottoms; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view.

Figure 2 is a top view.

Figure 3 is a view of the under side.

Figure 4 is an end view.

Like letters of reference refer to like parts in the views.

This bedstead can be constructed in the ordinary way, with side and end rails, connected together by means of posts. The frame of the bed, consisting of the springs and slats, is divided into two sections, B' C'; the section C', near the foot of the bed, being secured in place to the side rails B, and the other section, B', allowed to be raised or lowered, as hereafter described. The springs A are held in place in the ordinary way, the ends of the slats resting on said springs, and a cord, *a*, passing from one to the other, thus keeping them from moving longitudinally out of place. The two sections referred to are hinged together at C, fig. 2. D represents a frame hinged to the sections B' at *c*, one end resting on a cross-rail, D', that extends from side to side. On this end of the frame are two springs, one at each side of the bed, on the top of which is secured the slat *b*. E represents a roller, the shaft of which passes through the posts at the end, as shown in figs. 3 and 4, a ratchet-wheel, *d d'*, being secured on the ends of said shaft, which is operated by means of the crank F and pawls *e*. Round this roller or pulley is wound the cord I, the other end being secured to the end of the frame D, as shown in fig. 3. Thus, by means of the crank and cord, the section B' of the bed can be raised in the following manner: By turning the crank, the cord is wound round the roller, thus drawing down that end D' of the frame D and raising the other, to which the springs A' are attached. As the frame D is moved up it comes against the section B' of the bed, and causes it to be raised also, there being a groove, *i*, cut in the side boards, in which the pin *e'* moves, as indicated by the dotted lines, figs. 1 and 2, so as to guide and steady the frame while being raised, the pawl catching in the ratchet-wheel when the bed is raised to the position desired. In raising this frame, as described, the head of the person is first raised by means of the frame D, the end of that being raised as described, and the shoulders are then raised by the section B', which is raised, as stated, by means of the crank and frame D.

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

The combination of sections B' C' and independent frame D, operated by the cord and pulley, and hinged to section C', all in the manner as and for the purpose set forth.

J. D. TIFFT.

Witnesses:

W. H. BURRIDGE,

J. HOLMES.