

J. D. Pratt,

Sofa Bedstead,

No 83,544,

Patented Oct. 27, 1868.

Fig. 1

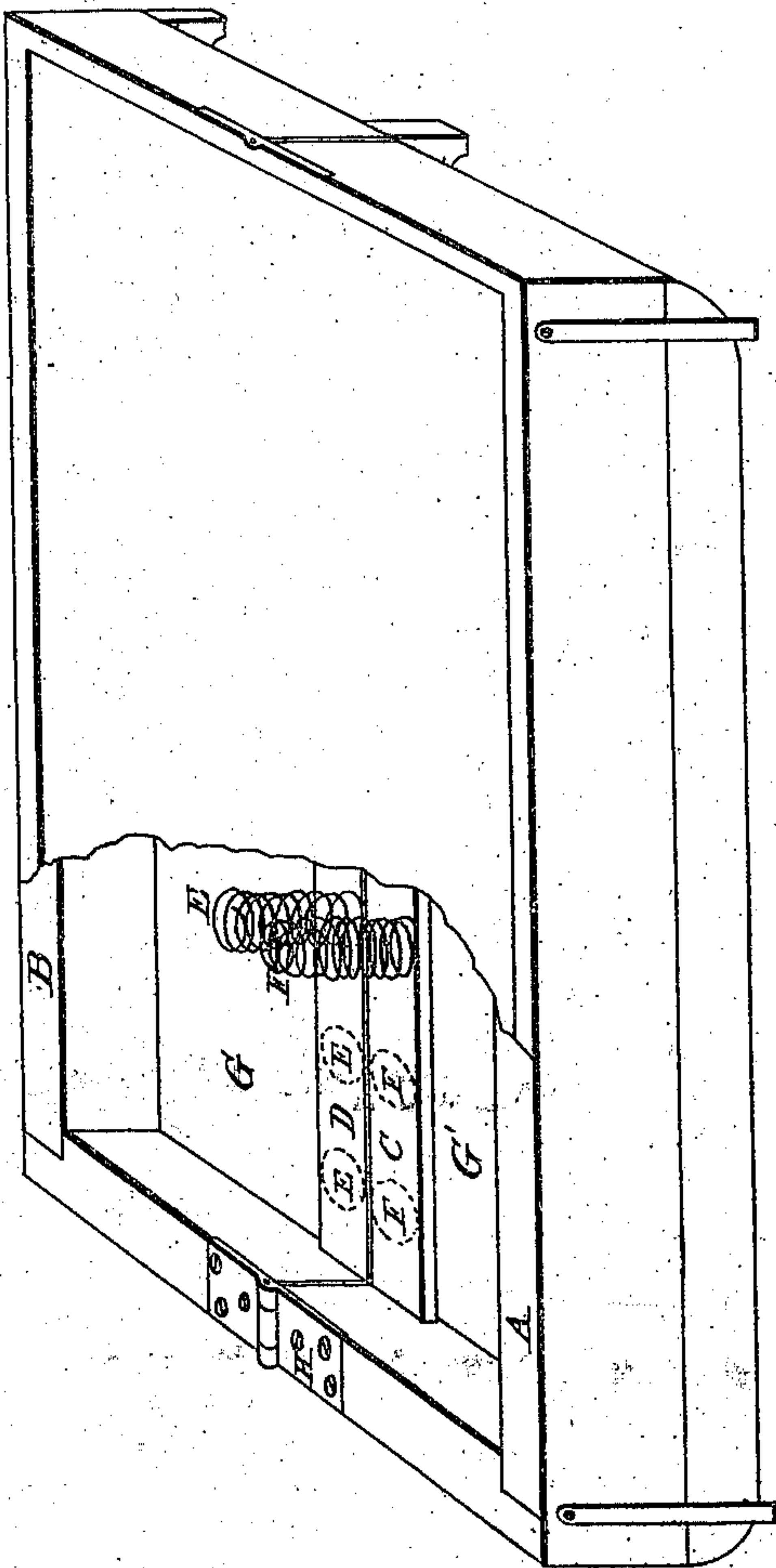


Fig. 3

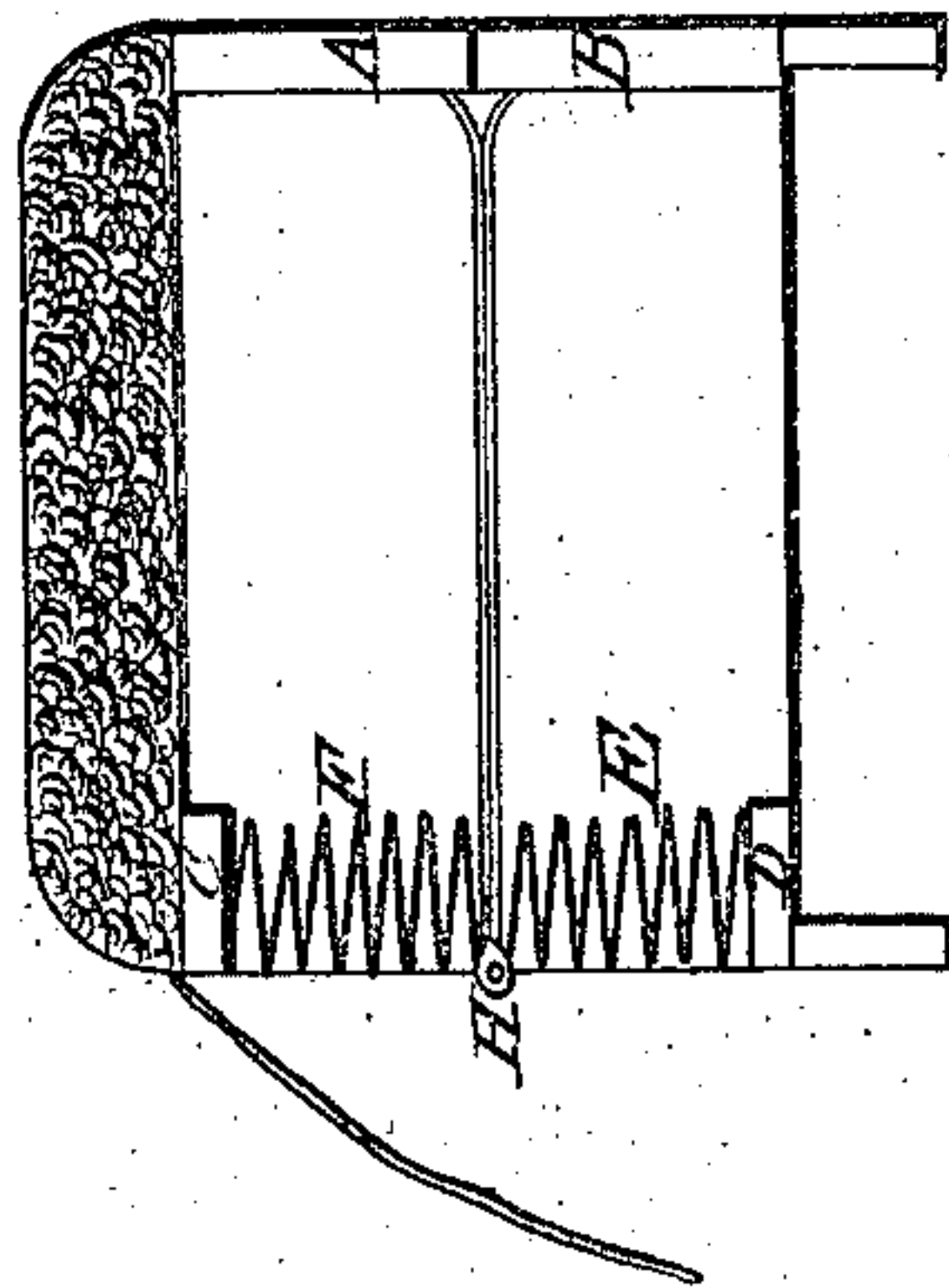
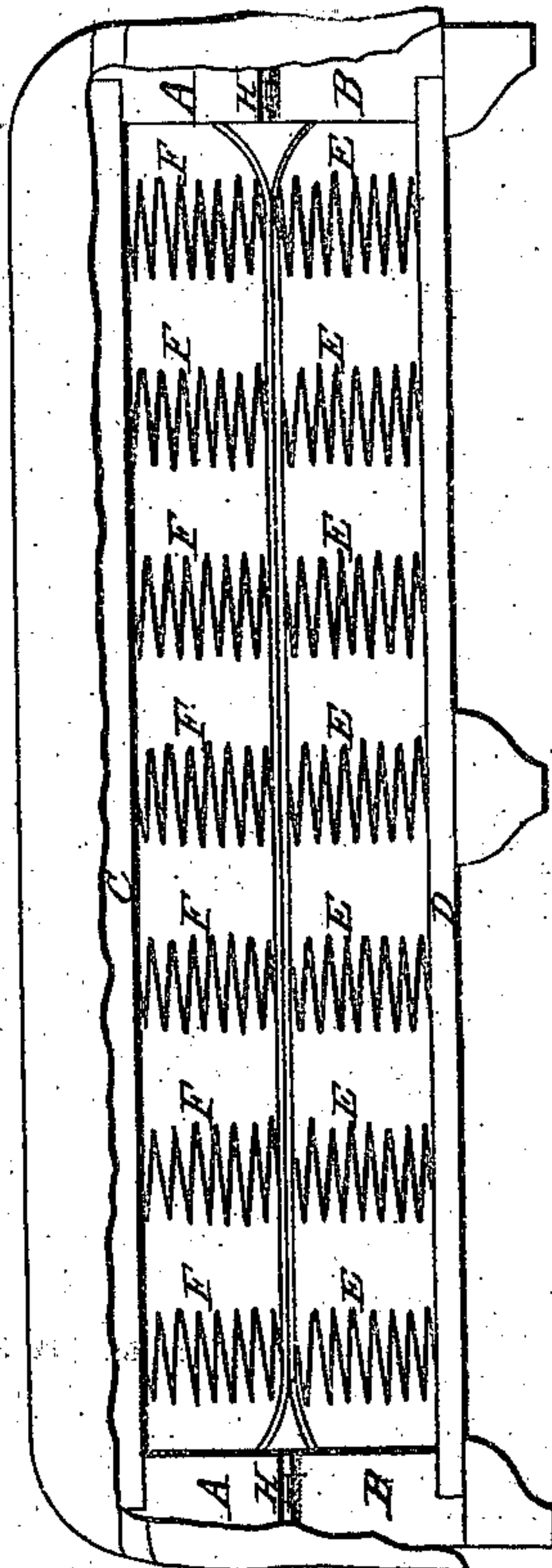


Fig. 2



Witnesses:

J. F. Single
Wm. Pettingell

Inventor:

James D. Pratt
per J. F. Single - Atty.

United States Patent Office.

JAMES D. PRATT, OF CLEVELAND, OHIO.

Letters Patent No. 83,544, dated October 27, 1868.

IMPROVED BED-LOUNGE.

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, JAMES D. PRATT, of Cleveland, county of Cuyahoga, and State of Ohio, have invented certain additional improvements on my "Improved Bed-Lounge," for which a patent was granted to me on the 16th day of July last; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a top view of the folding portion of the bed-lounge open, a part of the lining being removed to expose the two rails, on each of which is placed a series of springs, as will be explained;

Figure 2 is a front view of same when folded, the valance, or pendent hangings, being partially removed so as to exhibit the position of the said rails and series of springs when so folded on each other; and

Figure 3 is a central cross-section of fig. 2, further illustrating the position of said rails and springs.

The same letters of reference are used in all the figures to indicate the same parts.

My improvement consists in securing flat horizontal rails to the adjacent sides of the joined frames of the folding portion of the bed-lounge, (no side-rails being used,) on which rails is placed a series of the usual upholstering-springs, so that when the frames are open the two sets of springs are closely parallel with each other, and thereby constitute a soft and elastic centre for the bed; and when said frames are closed, the said two sets of springs lie vertically one over the other, producing an elastic front edge of the lounge.

The following description will enable those skilled in the art to construct and use my said improvements.

A, fig. 1, is the folding frame of the lounge, and B the fixed or stationary frame. In the construction of the said frames, the inner long side-rail of each is left out, and flat horizontal rails, C D, substituted, as seen in the figure. Arranged along the inner flat surfaces of said rails C D are sets of spiral upholstery-springs E and F, secured thereto in the usual manner.

The spaces G and G' are also filled with similar springs, so as to form the spring-bed proper.

The frames A and B are connected with each other by strong, broad strap-hinges H, as seen. This forms a substantial and lasting connection, not likely to get broken or out of order.

The bottoms and tops of said frames are to be upholstered so as to sustain all the springs, and to form the elastic bed, in the usual way of conducting this part of the work.

It will be seen that by means of the described arrangement of placing springs on flat horizontal rails, the centre of the bed will be soft and yielding; also, that the front edge of the lounge, when closed, will be elastic by means of the two sets of springs lying vertically on each other, the flat rails yielding in proportion to their thickness and length.

I claim so arranging the springs E and F on the flat horizontal bars C and D, that the middle of the entire space of the bed shall present a soft and elastic surface, substantially as shown and described.

JAMES D. PRATT.

Witnesses:

J. F. SINGLE,
FREDK. A. BRAND.