

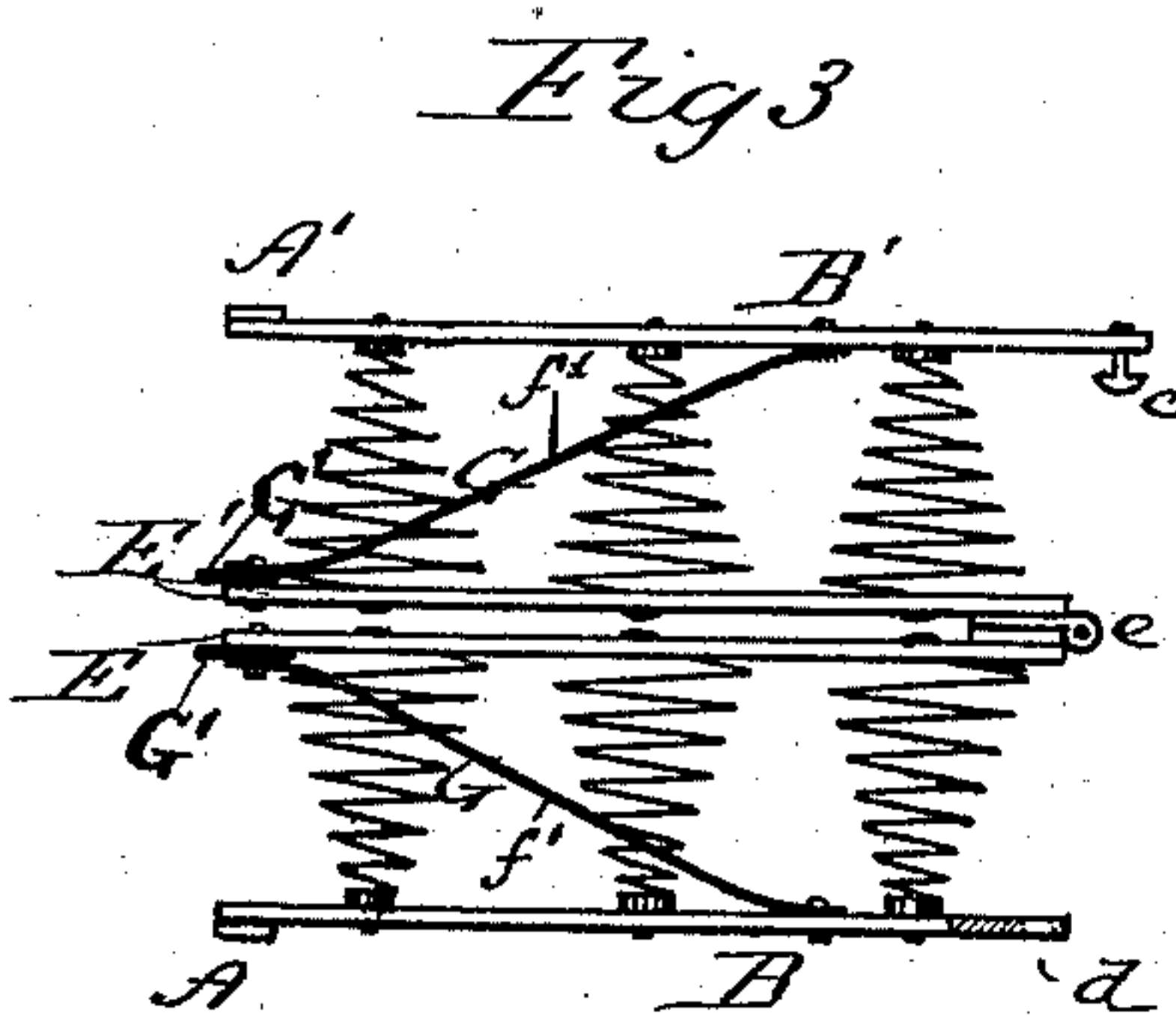
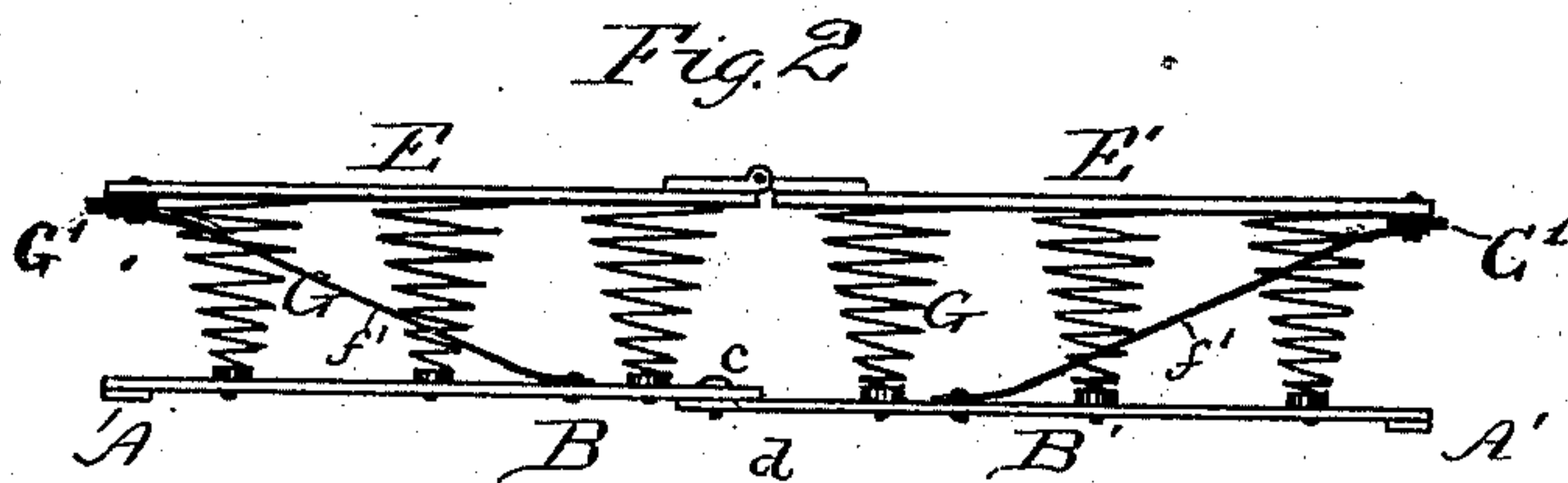
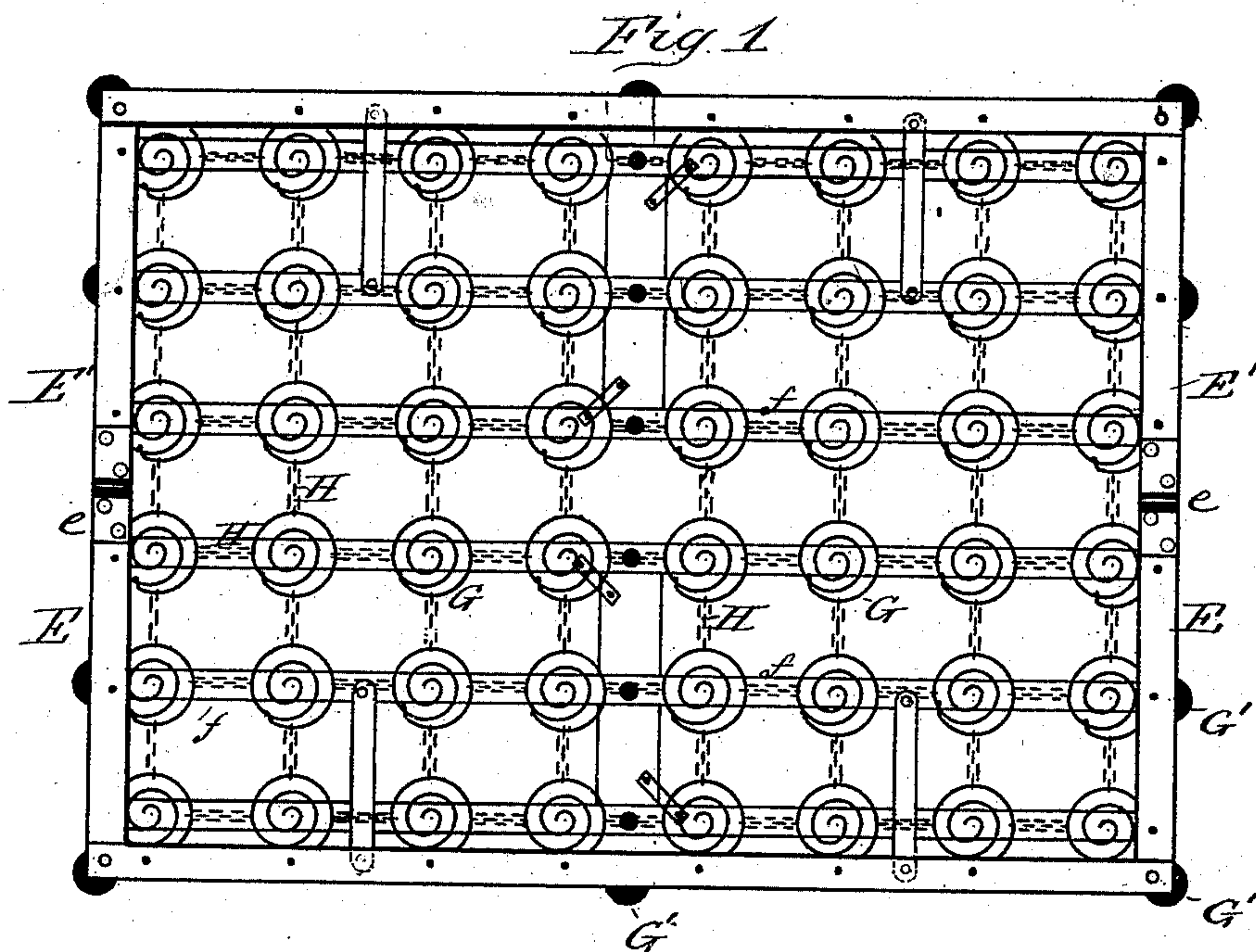
(No Model.)

E. E. MCINTYRE.

SPRING BED BOTTOM.

No. 330,249.

Patented Nov. 10, 1885.



Witnesses

M. H. Singleton,  
J. A. Fouts

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Atty.



# UNITED STATES PATENT OFFICE.

ELMER E. MCINTYRE, OF PITTSBURG, ASSIGNOR, BY MESNE ASSIGNMENTS,  
TO JOHN BAILY, OF ECONOMY, PENNSYLVANIA.

## SPRING BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 330,249, dated November 10, 1885.

Application filed January 29, 1885. Serial No. 154,312. (No model.)

*To all whom it may concern:*

Be it known that I, ELMER E. MCINTYRE, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain  
5 new and useful Improvements in Spring Bed-Bottoms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to  
10 make and use the same, reference being had to the accompanying drawings, which form a part of this specification, in which—

Figure 1 is a plan view of a bed-bottom embodying my invention. Fig. 2 is an end view  
15 of the bed opened out. Fig. 3 is an end view of the same folded.

This invention has relation to spring bed-bottoms of that class wherein a series of spiral springs are located between two horizontal  
20 skeleton frames comprising side and end bars secured together at the corners by riveting together the overlapping portions. Bed-bottoms of this class are usually made of standard sizes, and hence fit within the side and end  
25 rails of a bedstead with varying degrees of accuracy.

The object of my invention is to prevent the rails of the bed from being defaced by the abrasion or scratching caused by bed-bottoms  
30 of inaccurate fit, as well as to prevent the grinding or rattling caused by the movement of the bed-bottom against the wood-work of the bedstead.

My invention accordingly consists in the  
35 combination, with the upper and lower slatted portions of a spring bed-bottom, and with the oblique braces by which the upper framework is supported on the lower frame, of india-rubber cushions secured to the sides of the  
40 upper frame between the ends of the braces and the surface of the side slats, and projecting laterally beyond the edges of the slats a sufficient distance to form guards, which will prevent the frame from coming in contact  
45 with the side and end rails of the bedstead.

Referring to the accompanying drawings, A A' represent the side bars of the bottom frame, which consist of strips or slats of metal secured at their ends to the cross or end pieces,  
50 B B', the latter being preferably made in two parts or sections, so that the bed may be folded

for transportation. The side and end pieces of the frame are secured together by suitable rivets.

E E' designate the side and end slats of the  
55 upper frame, which are also secured together at their corners by rivets. This upper frame is made in two sections connected together at the middle of the end bars by hinges. Between the upper and lower frames are located  
60 the spiral springs G, secured in place and supported in any suitable manner. *f' f'* designate strips of metal extending in a lateral direction from the under sides of the end pieces of the upper frame, to which they are riveted,  
65 to the end pieces of the lower frame, to which they are also riveted, as shown. Between the upper and outer ends of the strips *f' f'* and the under surface of the upper frame are located the india-rubber cushions G' G', which  
70 consist of sections of sufficiently thick sheet-rubber or of washers of the same material. These cushions are situated at the corners of the upper frame, and if desirable, at points midway between the ends, and are of sufficient  
75 size to project beyond the edges of the upper frame in such a manner as to come in contact with the wood-work of the bed and prevent the latter from being cut or defaced by the sharp edges of the frame, and also to prevent  
80 the frame from moving about and making unpleasant noises.

I am aware that it is not new to use a buffer or protection for the bed-frames on the ends or sides of spring bed-bottoms, and I do not,  
85 therefore, broadly claim the same.

Having described my invention, I claim—

In a spring bed-bottom formed of two skeleton metallic frames with interposed spiral springs, the combination, with the upper frame,  
90 of the rubber cushions G', secured between the end and side bars of said frame, and fastened by means of the rivets which unite said bars together, substantially as described.

In testimony that I claim the foregoing as  
95 my own I have hereto affixed my signature in presence of two witnesses.

ELMER E. MCINTYRE.

Witnesses:

A. A. MOORE,

GEO. W. BACKOFEN.