

C. Hacker, Bed Bottom.

N^o 83,489.

Patented Oct 27, 1868

Fig. 1.

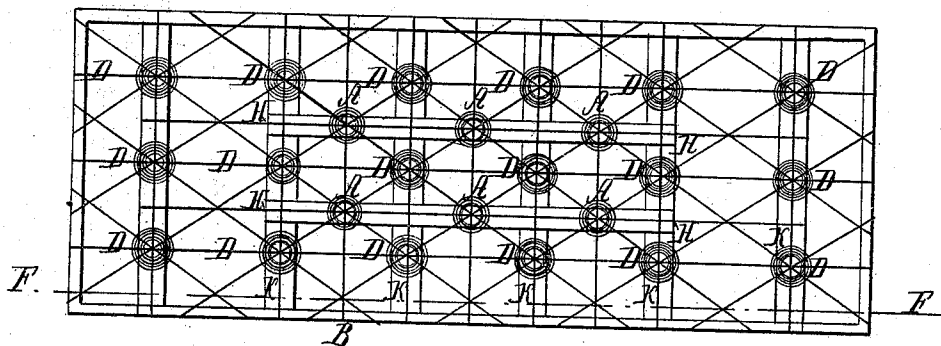
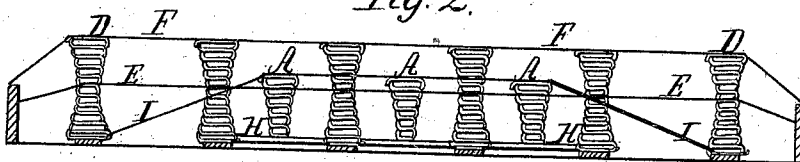
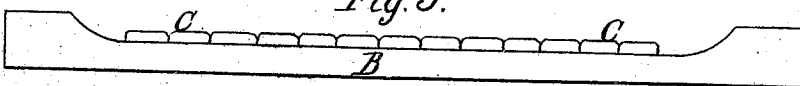


Fig. 2.



Section at line "F"

Fig. 3.



Witnesses;
Franklin Paine
Adam Frankmann

Inventor;
Charles Hacker.



CHARLES HACKER, OF EUPHEMIA, OHIO.

Letters Patent No. 83,489, dated October 27, 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, CHARLES HACKER, of Euphemia, in the county of Preble, in the State of Ohio, have invented a new and improved Spring-Bed Bottom; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters, occurring on the different figures, refer to like parts.

Figure 1 represents a top view of one part of the bed-bottom, the two parts being identical in construction.

Figure 2 represents a longitudinal section of the same.

Figure 3 represents the inner part of the frame, with cushions.

Splats, K, extend across the frame, and on which are arranged spiral springs, D. These springs are stayed at the top by the cords F, and at their centres by the cords E, as shown by the red lines, fig. 2.

Splats, H, are arranged longitudinally, and are supported by the splats K, and on these longitudinal splats

is arranged a series of short springs, A, stayed by cords attached at the top crossing, at right angles, as shown, and having the ends fastened to the frame.

At B, fig. 3, is represented the inner rail of the frame, and to the top of which are attached cushions, C.

The spiral springs A being shorter, are only brought into action when the longer springs are compressed to a level with the shorter, and, by further compression, the incumbent weight would rest on the cushions of the middle rail.

The object of this invention is to adapt the bed-bottom to persons of varying weight, and to prevent sagging in the centre, which is almost uniformly the case with spring-bottoms in use.

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

The combination of the splats H K, the spiral springs A D, the cushioned rail B, the cords E F, in the manner shown and described, and for the purpose specified.

CHARLES HACKER.

Witnesses:

S. B. KYLE,

B. PICKERING.