

J. C. Stuck,

Bed Bottom,

No 43,719,

Patented Aug. 2, 1864.

Fig. 1.

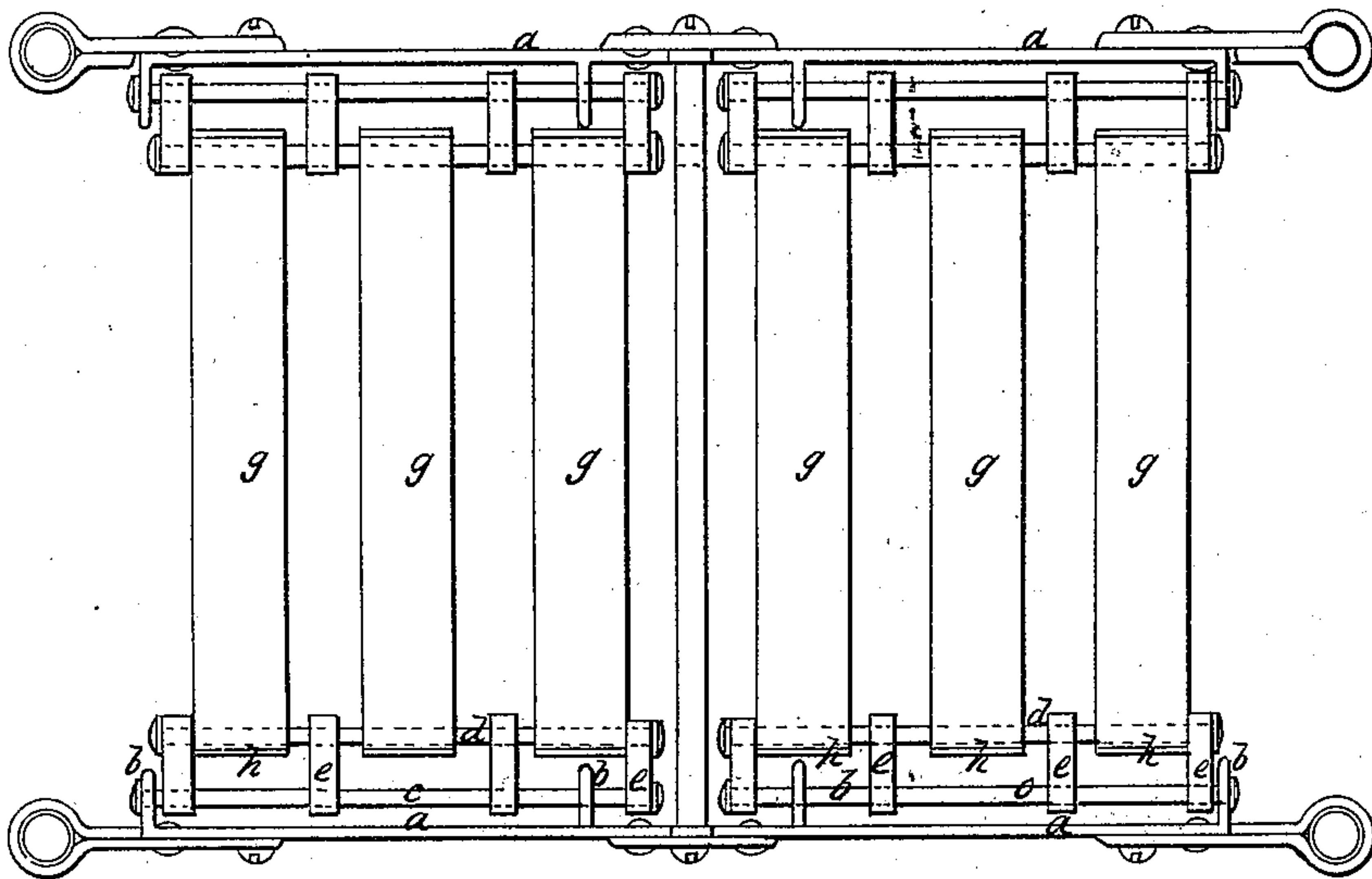
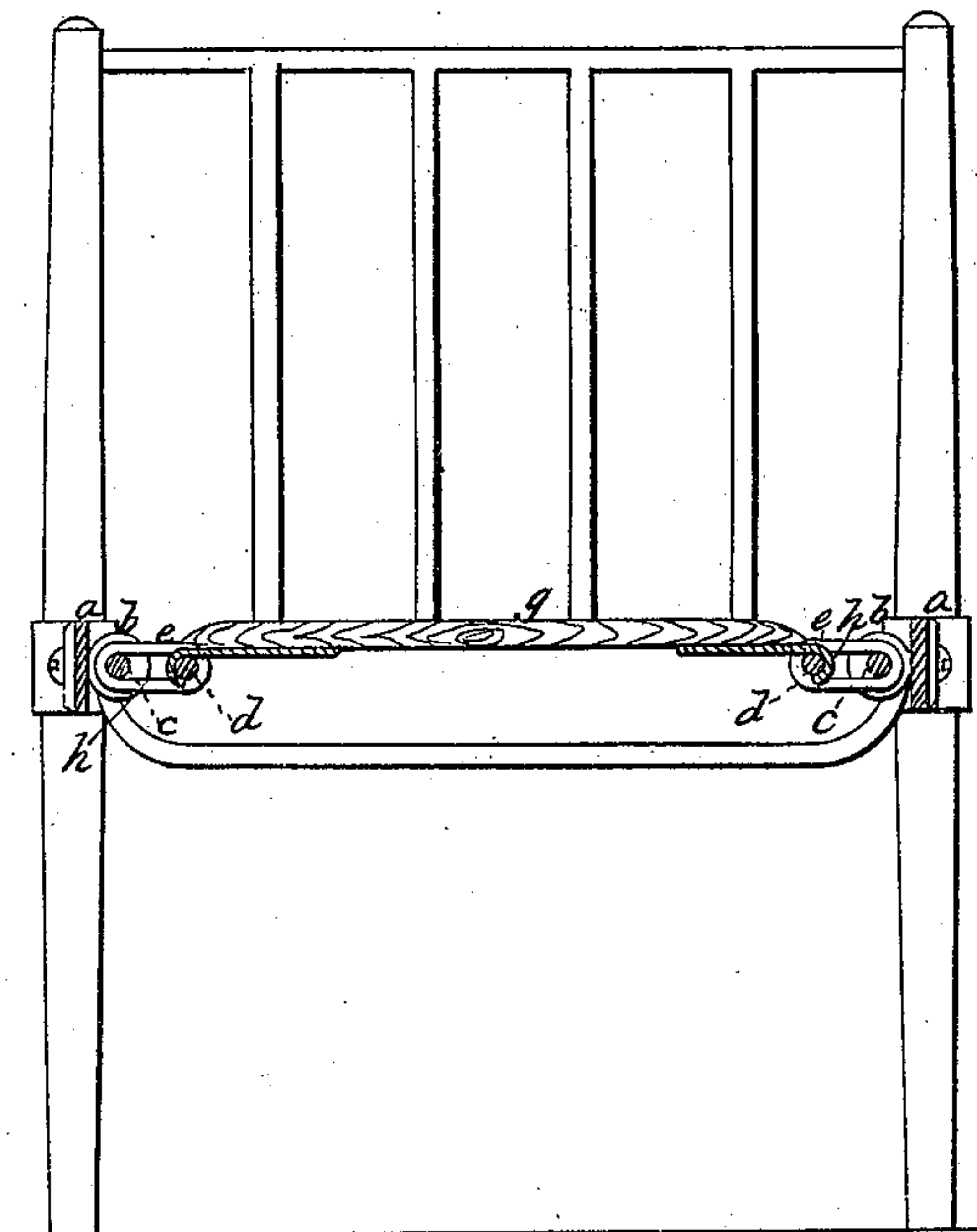


Fig. 2.



Witnesses

*Frederick Curtis,
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UNITED STATES PATENT OFFICE.

JOHN CHRISTOPHER STUCK, OF BOSTON, MASSACHUSETTS.

IMPROVED BEDSTEAD-BOTTOM.

Specification forming part of Letters Patent No. 43,719, dated August 2, 1864.

To all whom it may concern:

Be it known that I, JOHN CHRISTOPHER STUCK, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement Having Reference to Bedsteads; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 a transverse and vertical section, of a bedstead provided with my invention, which of itself is an improved spring-bottom or mattress-foundation.

The bedstead-frame as exhibited in the drawings is made with each of its side rails formed in two parts or sections, *a a*, jointed together and to the posts in such manner as to enable the whole bedstead-frame to be folded together or unfolded, as occasion may require. This construction of the bedstead-frame is a common one, and by no means essential to my invention, as it may be applied to almost any other kind of a bedstead.

From the inner side of each of the parts *a* of the side rails two staples or eyes, *b b*, project and serve to support a rod, *c*, which is run directly through them. Alongside of and at a short distance from each rod *c* there is another rod, *d*, which is supported in position by means of a series of elastic rings, loops, or endless belts, *e e e e*, each of which embraces the two rods *c d*, on which the elastic rings are arranged at equal, or about equal, distances apart. The said elastic rings, belts, or loops *e* are to be made of India rubber, so as to serve as springs. Upon each pair of the rods *d d* a series of slats, *g g g*, is supported, each of the slats at its opposite ends being provided with two metallic hooks, *h h*, to hook upon

the rods *d d* when they are in or about in the same horizontal plane with the rods *c c*, by which the looped springs are supported. By having each slat hooked on the rods next adjacent to its two ends it may be readily lifted from them whenever it may be desirable to effect the removal of the slat from such rods. By my arrangement of the springs with respect to the slats such springs become independent of the slats and generally come either between or aside of them instead of being directly opposite their ends. In this way I am enabled to make use of a long loop-spring to good advantage.

Instead of arranging the springs and their supporting rods with reference to the side bars as described, they may be applied in a similar manner to the head and foot bars of the bedstead-frame, in which case the slats would run longitudinally instead of transversely of the frame.

My invention forms an excellent spring-foundation for supporting a mattress or bedding on the bedstead.

I claim—

1. The above-described combination and arrangement of the slat-supporting rods *d d*, the series of elastic rings or loops *e e e*, and their sustaining-rods *c c* with the series of slats *g g*, &c., and the bedstead-frame.

2. The combination of the two hooks *h h* with each of the slats *g*, the rods *c c d d*, and the series of elastic loops or springs *e e e*, supported by or applied to such ends, substantially as described.

JOHN CHRISTOPHER STUCK.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.