

A. H. Fatzinger,

Bed Bottom.

No. 107,348.

Patented Sept. 13. 1870.

Fig. 1.

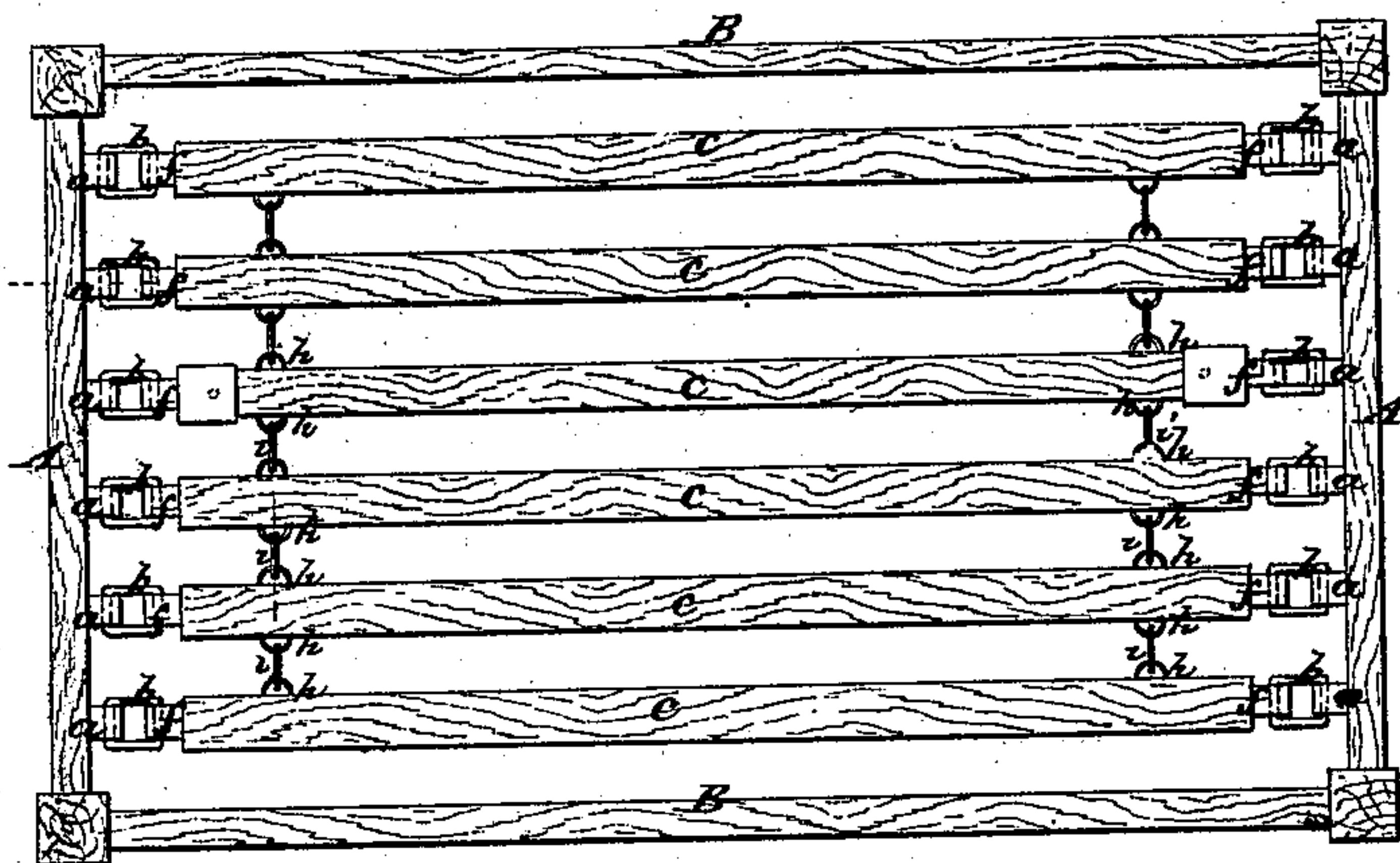


Fig. 2.

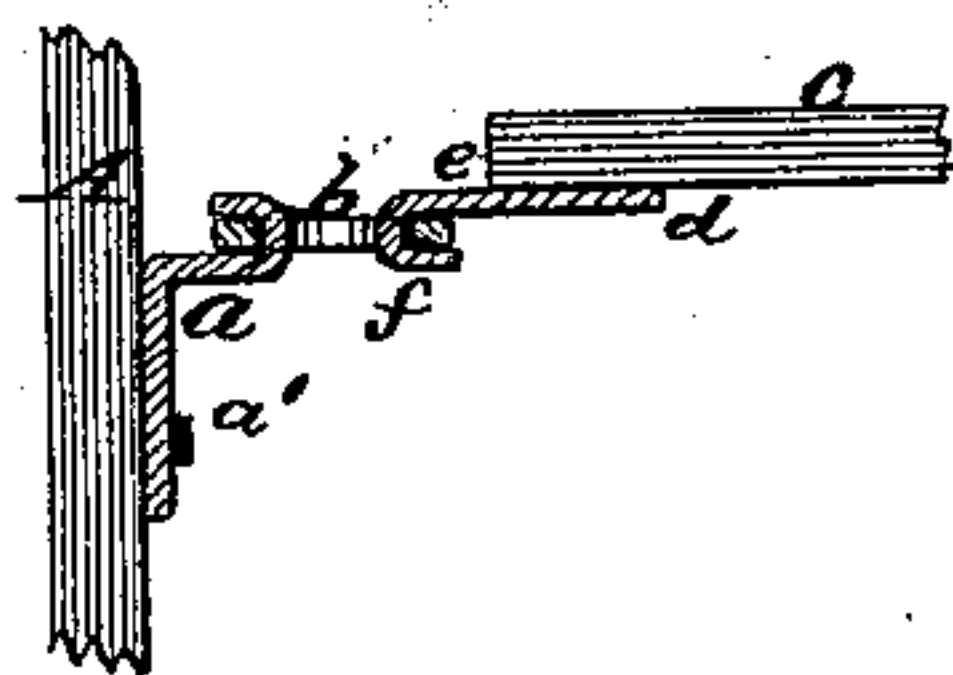
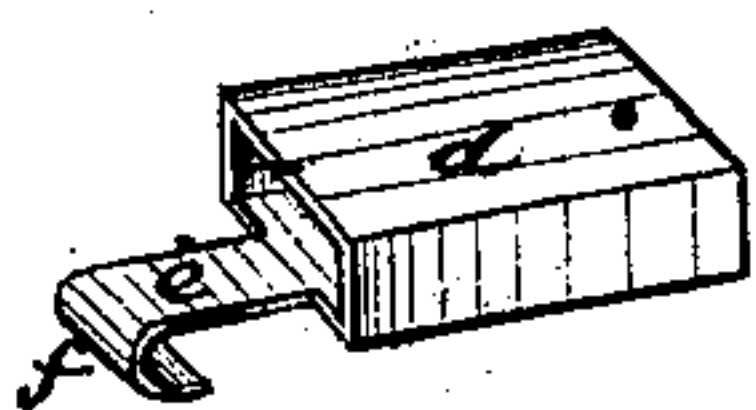


Fig. 3.



Fig. 4.



Witnesses.
G. M. Ackerman
Theo Tusch

Fig. 5.



Inventor.
A. H. Fatzinger
By A. C. Haight
Attorney

United States Patent Office.

ALEXANDER HAMILTON FATZINGER, OF NEW YORK, N. Y.

Letters Patent No. 107,348, dated September 13, 1870.

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, ALEXANDER HAMILTON FATZINGER, of the city, county, and State of New York, have invented a new and improved Spring-Bed Bottom; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The object of this invention is to obtain a spring-bed bottom of simple and economical construction, which will be capable of being readily repaired by any one of ordinary ability, without the aid of a mechanic, as for instance, in case of the breaking of a slat, and one which will possess the necessary degree of elasticity, so as to conform to the movements of the person reposing thereon.

In the accompanying drawing—

Figure 1 is a plan or top view of my invention.

Figure 2, a longitudinal section of a portion of the same, taken in the line *x x*, fig. 1.

Figure 3, a transverse section of a portion of the same, taken in the line *y y*, fig. 1.

Figure 4, a detached perspective view of a collar pertaining to the same.

Figure 5, a longitudinal central section of fig. 5, with one end of a slat adjusted therein.

Similar letters of reference indicate corresponding parts.

A represents the head and foot-rails, and

B, the side rails of a bedstead.

These parts, being of ordinary construction, do not require any special description.

To the inner surfaces of the head and foot rails A there are secured, by screws *a'*, cast-metal hooks *a*, shown more particularly in fig. 2.

These hooks have a flat form, or have sufficient breadth, so that they will not cut or chafe India-rubber rings or loops *b*, which are placed on or over them, to sustain the slats *c* of the bed-bottom.

The slats *c* are made of wood, (spruce would probably be the preferable material,) and they may be of any suitable width and thickness.

These slats are connected to the hooks *a* in the following manner:

On the ends of the slats are fitted cast-metal col-

lars *d*, and these collars are cast with projections *e* at their lower sides, each projection having a hook, *f*, at its outer end, turning downward, as shown clearly in fig. 4.

The collars have each a hole made through them, near their rear ends, through which holes screws *g* pass, to secure the collars on the slats, (see fig. 5.)

The India-rubber rings or loops *b* are fitted on or over the hooks *f*, as shown clearly in fig. 2.

Each slat *c* has eyes or staples *h* driven into it, one at each side. These eyes or staples are near the ends of the slats, and are for the purpose of receiving hooks *i*, which connect the several slats together, as shown clearly in fig. 1.

The advantages attending this construction are as follows:

By having the ends of the slats inserted in collars *d*, the former may be readily secured to the bedstead and removed therefrom, and it is not necessary to be very particular as regards the precise length of a slat, as the collars admit of quite a material difference in the length of the former; for instance, the slat may extend entirely through its collars, or only part way through it; so long as the screws *g* pass through it, (the slat,) it is sufficient.

The hook-and-eye connection for the slats admits of an individual slat being removed, without disturbing the others. This is a very great convenience in inserting a slat, to replace a broken one.

Almost all of the spring-bed bottoms which are in common use, have their slats connected by transverse cords or bands, but, so far I am aware, none have been so arranged as to admit of an individual removal of the slats.

Having thus described my invention,

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

The combination of the hooks *a*, secured to the inner surfaces of the head and foot-rails A, the collars *d* on the slats *c*, with the hooks *f* attached or cast with them, and the India-rubber rings or loops *b*, all constructed and arranged substantially as and for the purpose set forth.

Witnesses:

A. H. FATZINGER.

A. R. HAIGHT,

G. M. ACKERMAN.