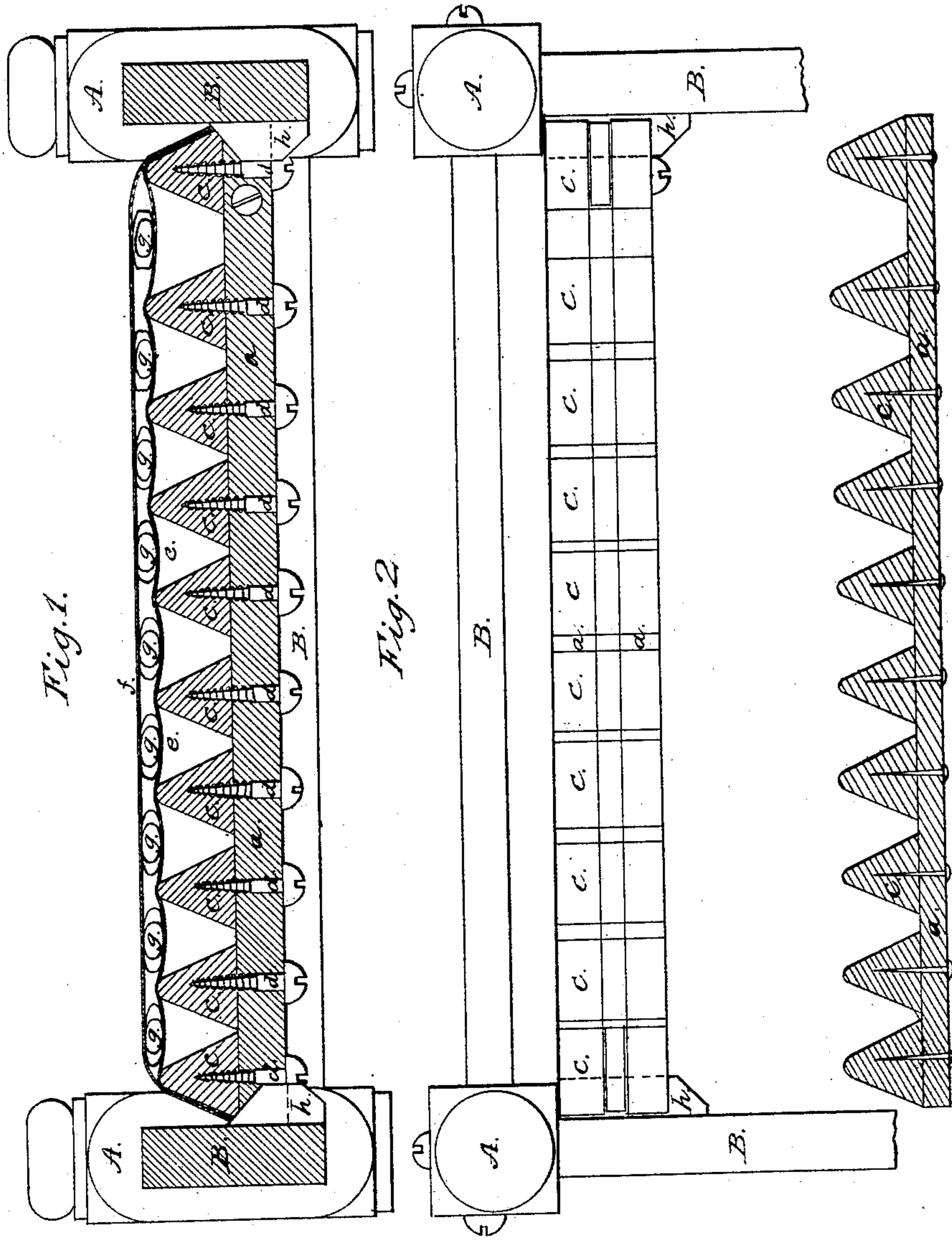


I. T. Allen,
Bed Bottom,
No. 26,878, Patented Jan. 24, 1860.



Witnesses;
 Edward W. Biss
 George W. Biss

Inventor;
 I. T. Allen

UNITED STATES PATENT OFFICE.

J. T. ALLEN, OF NEW YORK, N. Y.

BED-BOTTOM.

Specification of Letters Patent No. 26,878, dated January 24, 1860.

To all whom it may concern:

Be it known that I, J. T. ALLEN, of New York, county of New York and State of New York, have invented certain new and useful Improvements in Elastic Bottoms for Bedsteads; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use my improvement I will proceed to describe its construction.

The same letters indicate like parts in each of the figures.

The nature of this improvement in elastic bottoms for bedsteads consists in making an adjustable support rail, whereby the distance or bearing of the slats may be easily, and readily changed to a greater or less distance from center to center, and also more satisfactorily arrange and adjust the length of the bars and the slats to the different width bedsteads, which will be more fully and clearly understood from the following specification and drawings.

In the accompanying drawings Figures 1 and 2, show a plan of my improvement in elastic bottoms for bedsteads.

a,— is a cross bar, made in two parts, or so made as to be substantially the same as if made in two parts.

c,— are angular blocks secured to the cross bar *a*.

d,— are iron or wood screws for holding the blocks, *c*.

e,— is the elastic band secured to the blocks on the end of the cross bar *a*, or to the end of the cross-bar itself.

f,— is a webbing belt, overlapping the elastic band *e*, to hold the slats in place.

g,— are the slats, as ordinarily constructed.

h,— are wood, or iron brackets secured to the rail or post as may be desired, to hold the ends in the proper position.

A, are the bedstead posts.

B, are the bedstead rails, put together in any of the ordinary ways, to which (the making and putting together of bedsteads) this invention has no reference.

The cross bar *a*— is made in two parts and secured together at one end, by means of glue, nails or screws, and the other end secured together in the same way, after its ex-

act length is found, to fit the width of the bedstead, in which it is to be used, thus forming a continuous slit from one end of the cross bar, to the other, or nearly so, in or through which, the fastening screws or their equivalents are allowed to play,—I propose sometimes to make a series of holes in one bar thickly arranged, so that the same adjustment may be accomplished in the one bar, as if two bars were united. Thus one will be the equivalent for the other.

The angular shaped blocks *c*, are arranged in an adjustable manner upon the bars *a* and secured thereto by the screws *d*. Said screws may be made of wood, or iron, the nuts of which may be formed in the blocks *c*, or the screw may be secured in the block *c*, and a nut fitted onto the outer end of the screw. In either case the same result is produced, viz., fastening the block *c*, in the desired place and position. In this way I can use more or less blocks *c* and consequently more or less of the slats *g*, and at any time place and secure them in such a manner as may be desirable.

The elastic band *e*, is the same commonly used for such and similar purposes, and which I do not claim in its construction or application to this improvement. The webbing belt *f*, is secured over the elastic band *e* to the end blocks, *c*, or to the cross bar *a*, and is designed to hold the slats *g* in place.

The object of this improvement, is to obviate the difficulties existing in those slat bottoms now in use, where they are made to fit bedsteads of a certain width or where the slats cannot be changed from a fixed position or distance from center to center without changing the support bars.

By this improvement when it is desirable to place the slats nearer together or farther apart—or to fit the bar *a*, (which supports the slat) to different width bedsteads, it can be easily and readily done.

I believe I have thus described the construction the nature and advantage to be derived over others so as to enable a person skilled, to make and put in use, the same.

I do not claim the employment of the elastic band supported at intervals by angular shaped blocks formed, or cut in one, or the same piece and in a fixed manner, on

which to place the slats to form a bedstead bottom.

What I claim therefore and desire to secure by Letters Patent is—

- 5 An adjustable eleastic bedstead bottom, the cross-bar *a*, angular shaped block *e*, screws *d*, or their equivalents, brackets *h*, elastic band *e* and slats *g*, arranged sub-

stantially in the manner as and for the purpose described.

In testimony whereof I have hereunto set my hand and affixed my seal.

J. T. ALLEN. [L. s.]

Witnesses:

EDWARD W. BLISS,

JEREMY W. BLISS.