

(No Model.)

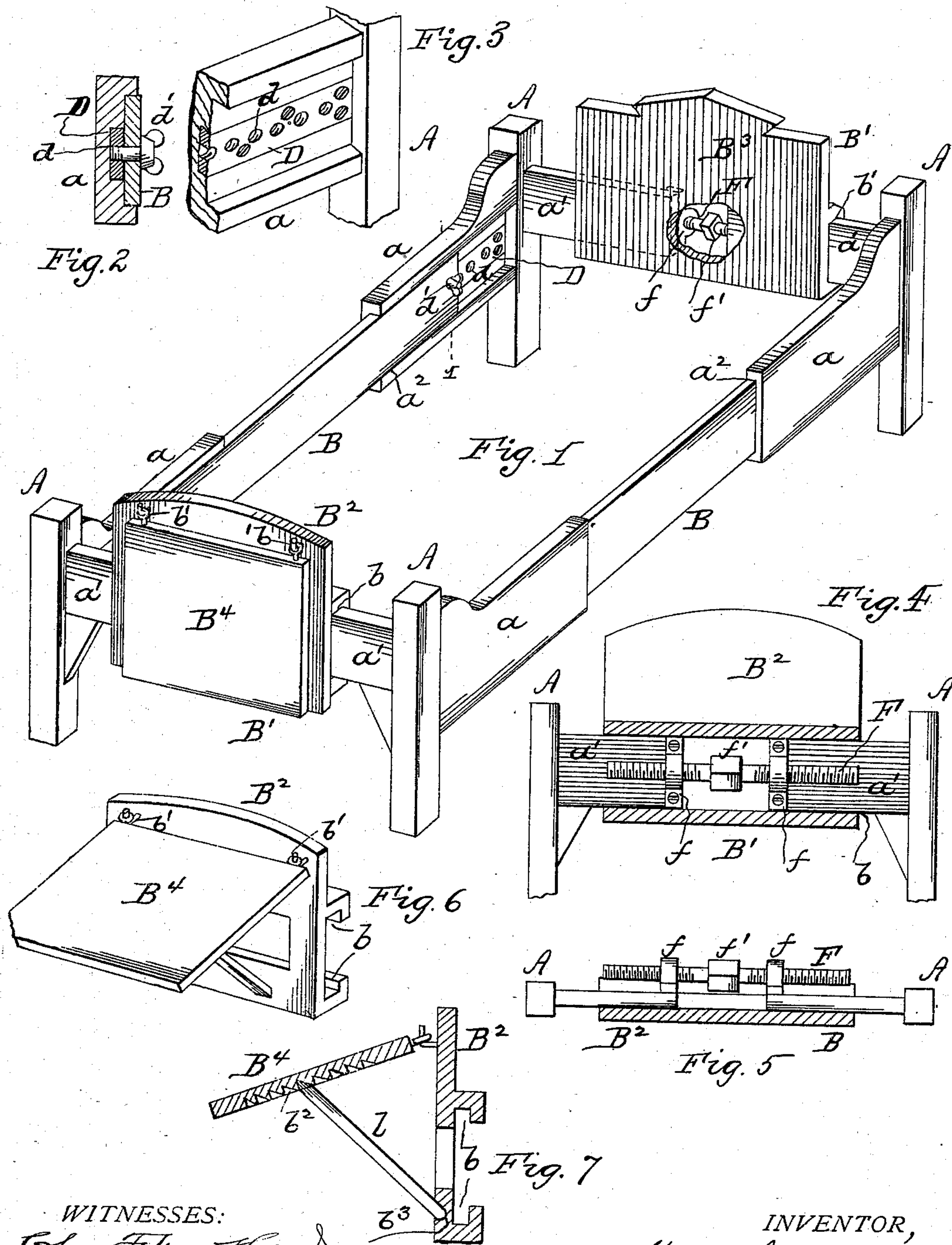
2 Sheets—Sheet 1.

H. A. MUELLER.

BEDSTEAD.

No. 272,077.

Patented Feb. 13, 1883.



WITNESSES:

Chas. F. VanStavoren
Jas. Morris

INVENTOR,

Henry A. Mueller

By S. J. VanStavoren
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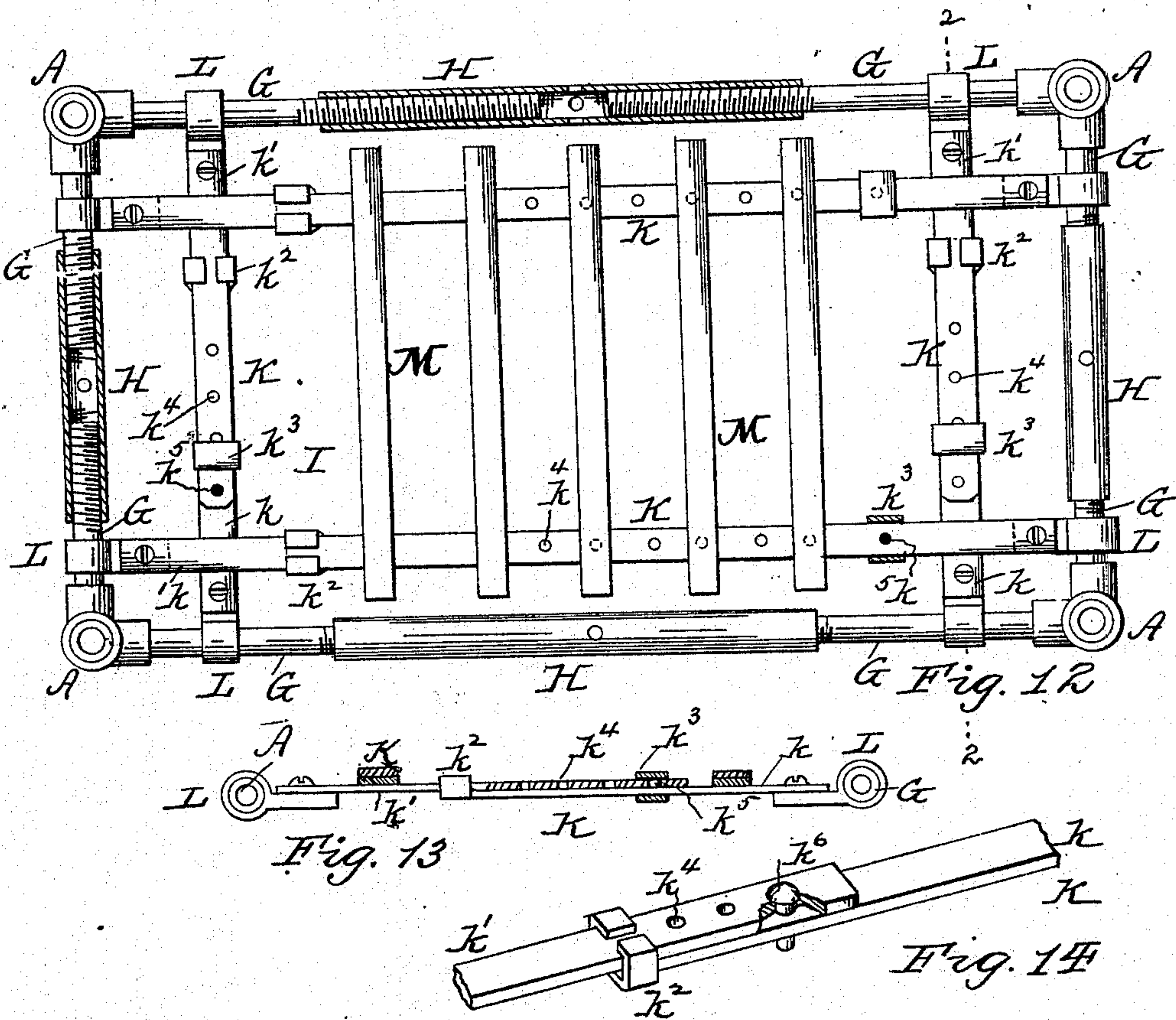
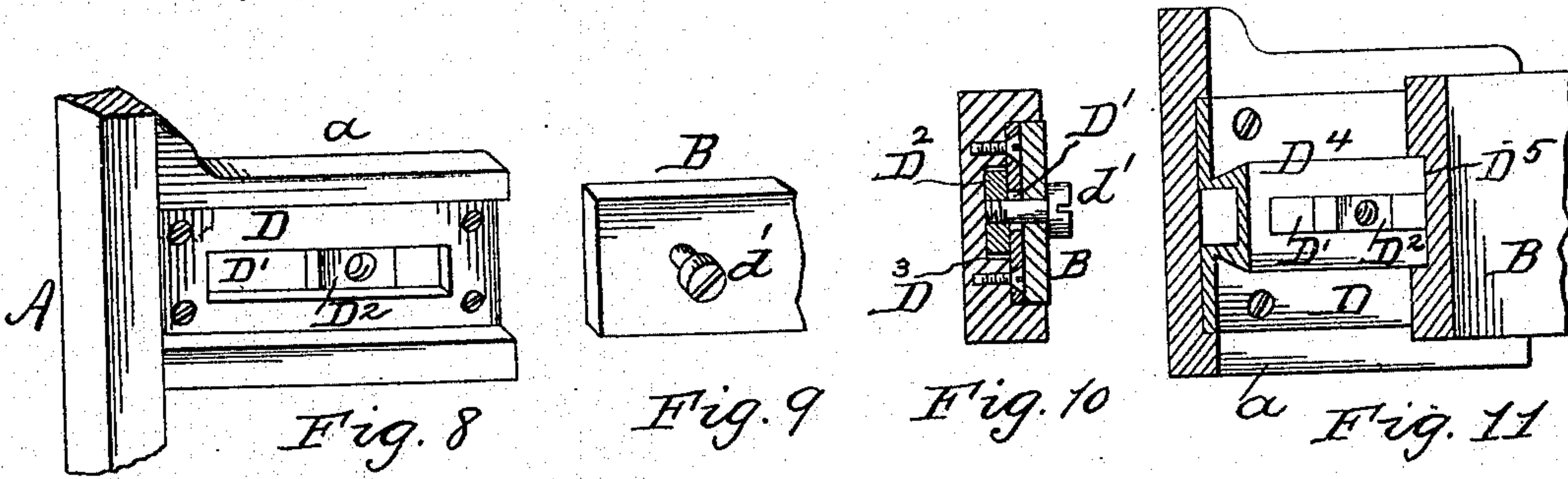
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UNITED STATES PATENT OFFICE.

HENRY A. MUELLER, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO WILLIAM J. WIEDERSUM, FREDERICK P. WIEDERSUM, AND MARIA WIEDERSUM, ALL OF NEW YORK, N. Y.

BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 272,077, dated February 13, 1883.

Application filed November 28, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. MUELLER, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Bedsteads, of which the following is a specification, reference being had therein to the accompanying drawings, wherein—

Figure 1 is a perspective of a bedstead embodying my invention. Fig. 2 is a section on the line 1 1, Fig. 1. Fig. 3 is a detail perspective. Fig. 4 is an elevation of the rear side of the foot of the bedstead. Fig. 5 is a plan of same, partly sectional. Fig. 6 is a perspective of the foot-board and attached writing desk or table. Fig. 7 is a transverse vertical section of same. Figs. 8 and 9 are perspectives of detail modifications. Fig. 10 is a sectional view of same. Fig. 11 is a perspective, partly sectional, of another detail modification. Fig. 12 is a plan, partly sectional, illustrating my improvements applied to a gas-pipe or metal bedstead, also showing the expanding or contracting bed-bottom. Fig. 13 is a partly-sectional view on line 2 2, Fig. 12; and Fig. 14 is a perspective of a detail modification of bed-bottom.

My invention has relation to extension or adjustable bedsteads, and has for its object to provide a bedstead and a bottom therefor, which are capable of being extended or contracted transversely as well as longitudinally, whereby their size may be altered both in length and width for converting the bedstead from a single to a double bedstead, or vice versa.

My invention has for its further object to provide the foot-board with a panel forming an integral part of said board, and which is adapted for use as a writing desk or table.

My invention accordingly consists of a bedstead the posts or corners of which are provided with wings or brackets at right angles to each other, which connect or telescope with the side and end rails in such manner that the bedstead may be expanded or contracted both transversely and longitudinally, and, in combination therewith, of means for holding the parts of the bedstead in their adjusted positions.

My invention further consists of a bed-bottom composed of slats or rods, constructed as hereinafter more fully described.

My invention still further consists of a foot-board having a raised or sunken panel hinged thereto, which, when raised from the foot-board, serves as a desk or table.

Referring to the accompanying drawings, A A represent the posts or corners of a bedstead, having right-angle wings or brackets a a' , which connect or telescope with the side and end rails, B B', respectively. Such connection may be arranged in various ways, some of which I will now proceed to describe.

The brackets may be formed with grooves a^2 for the reception of the side or end rails, as shown for brackets a , or they may be plain or ungrooved, as shown at a' . The latter are preferably used for foot and head or the ends of the bedstead, and in such case the foot-board B² and head-board B³ are respectively formed with grooves b b' , for the reception of said brackets a' . Such construction provides a bedstead which is capable of being expanded or contracted longitudinally and transversely.

To lock its parts in their adjusted positions, the bedstead is provided with the following means, or their equivalents may be employed: To the brackets a are secured metal plates D, having a series of threaded openings, d d , and the side rails, B, are provided with thumb-screws d' d' , which enter and mesh with the threads in openings d d , and thereby serve to hold said parts firmly together. When the bedstead is to be adjusted longitudinally said screws are first removed, the adjustment is then made, whereupon they are inserted into one of the openings d and turned to lock the bedstead in position. If desired, the plates D may have an elongated slot, D', as shown in Fig. 8, instead of the series of openings d d , in which case a nut, D², sliding in a groove, D³, formed in the brackets a , is employed, said nut having a threaded opening for the screw d' , which, when turned, draws said nut into frictional engagement with said plate for holding the bracket and side rail together. Again, the plates D may also be formed with a tongue, D⁴, adapted to enter and telescope with a dovetail slot, D⁵, in the side rail, B. When such

construction is used the bracket *a* is not then grooved, as plainly shown in Fig. 11.

The brackets *a' a'* are connected by a right-and-left screw, *F*, working in bearings *f f*, attached to said brackets, as shown. Said screw *F* has a square or other suitable-shaped head or nut, *f'*, to receive a wrench or other similar tool. When the screws *F* are turned the bedstead is expanded or contracted laterally, and is securely held in its adjusted positions by said screws.

Fig. 12 shows a gas-pipe or metal bedstead provided with my improvements, the pipes *G G* being connected together by sleeves *H H*, having internal right and left threads. In lieu of said sleeves, rods or bars may be substituted, in which case the pipes *G* will be internally threaded.

It represents the bed-bottom, composed of adjustable slats or bars *K K*. The latter are made in two parts or sections, *k k'*, and are held together by means of fixed sleeves *k²*, secured to or forming a part of sections *k*, and by loose or sliding tugs or sleeves *k³*. The sections *k'* are provided with a series of openings, *k⁴ k⁴*, and the sections *k'* have pins *k⁵*, which enter the openings *k⁵* when said sections are adjusted as to their length. The slats *K* are secured to the side and end rails, if desired; or they may be screwed to collars *L*, fastened or loosely placed on said rails, as shown.

In place of the fixed pins *k⁵*, a loose bolt, *k⁶*, may be used, as shown in Fig. 13. The slats *K K* may be of metal or wood, and any desired number of them may be employed. Instead of making all the slats adjustable, only a portion of them may be so made, and bars *M M* will then be employed to complete the bed-bottom, as represented in Fig. 12.

A bedstead so made is capable of being altered in extent to suit the size of the room in which it is designed to be placed, and can readily be changed from a double to a single bedstead, or vice versa. It is therefore especially adapted for hotel corridors, tenement-houses, &c.

The foot-board *B²* consists of a frame, as shown, having a raised panel, *B⁴*, which is hinged thereto by eyes and staples *b' b'*, or by any other suitable hinge, which may or may not be concealed from view, as desired. Said panel, when swung to a horizontal position or

to an angle with the foot-board, as shown in Figs. 6 and 7, serves as a desk or table. It is held in such position by means of a removable bar, *l*, the ends of which enter sockets or recesses *b² b³*, formed in said panel and foot-board, respectively.

The head-board may be of any appropriate design, and, if desired, may be in the form of a book or dressing case; or it may consist of folding doors.

I have shown a bedstead provided with means for altering its length and width, also, devices for locking its parts in their adjusted positions; but I do not wish to be understood as limiting myself to the precise constructions and arrangements shown, as they may be greatly varied without departing from the spirit of my invention.

What I claim is—

1. A bedstead the parts of which are connected together, substantially as shown and described, to permit of a lateral and longitudinal adjustment, substantially as set forth.

2. A bedstead constructed to have a longitudinal and transverse adjustment, in combination with mechanism for locking the bedstead in its adjusted positions, substantially as shown and described.

3. In combination with the foot-board of a bedstead, a hinged panel adapted for use as a writing table or desk, substantially as shown and described.

4. In a bedstead, the combination of posts or corners *A A*, having brackets *a a'* and the telescoping side and end rails, substantially as and for the purpose set forth.

5. In combination with the posts or corners *A A*, having brackets *a a'*, side rails, *B*, grooved head and foot boards, *B' B²*, right and left screws *F*, and bearings *f f*, substantially as shown and described.

6. In combination with brackets *a*, the side rails, *B*, and means for locking said rails in their adjusted positions, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY A. MUELLER.

Witnesses:

C. D. GREENE, Jr.,
A. D. GREENE.