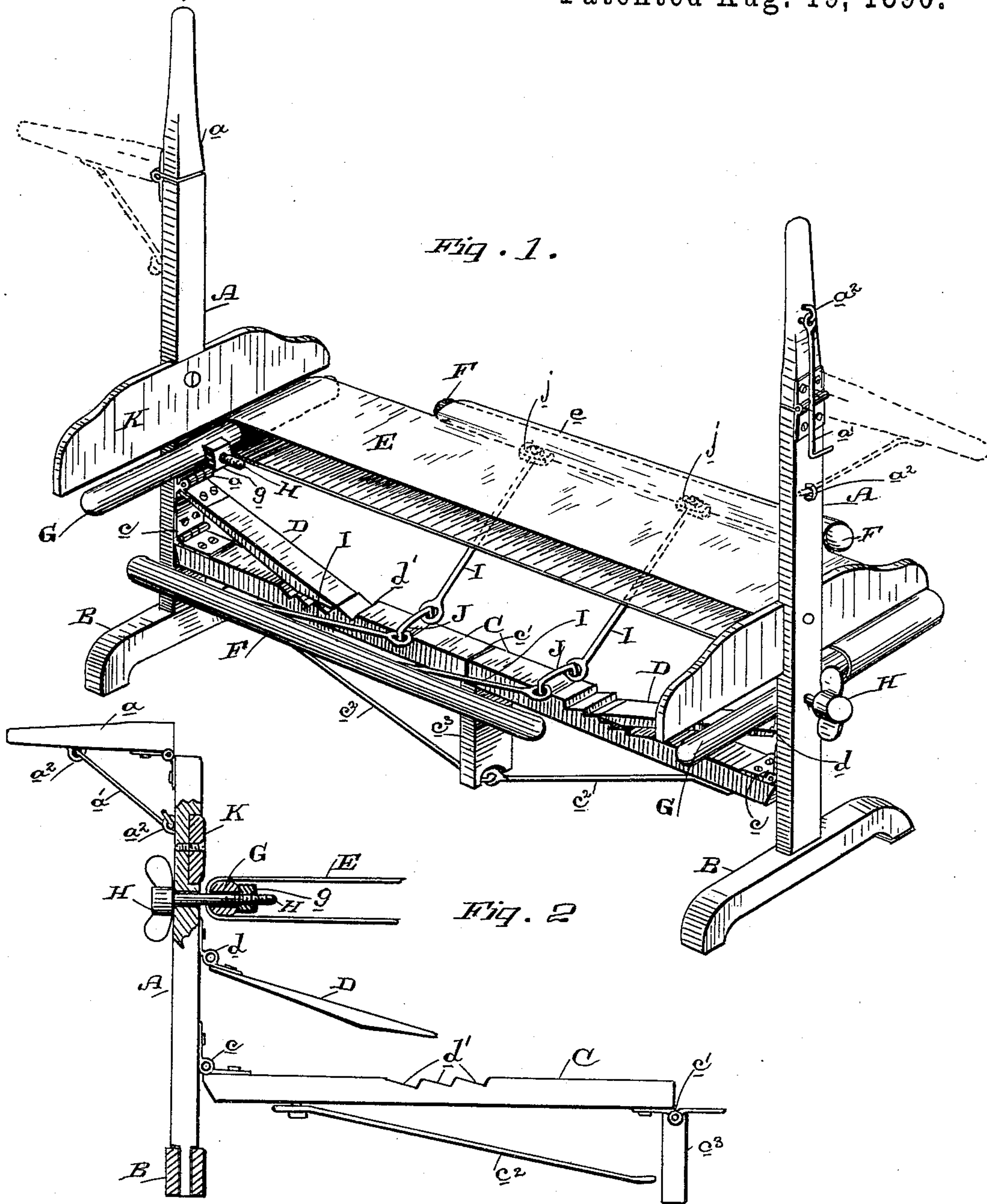


(No Model.)

F. H. B. BABBE.
PORTABLE BEDSTEAD.

No. 434,552.

Patented Aug. 19, 1890.



Witnesses,
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UNITED STATES PATENT OFFICE.

FREDRICK H. B. BABBE, OF SANTA ROSA, CALIFORNIA.

PORTABLE BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 434,552, dated August 19, 1890.

Application filed March 4, 1890. Serial No. 342,617. (No model.)

To all whom it may concern:

Be it known that I, FREDRICK H. B. BABBE, a citizen of the United States, residing at Santa Rosa, Sonoma county, State of California, have invented an Improvement in Portable Bedsteads; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to that class of bedsteads which are so constructed that their several parts may be readily taken apart, disjoined, and folded upon one another, whereby the structure is reduced to small compass and may be easily disposed of or transported.

My invention consists in the novel combinations of parts hereinafter fully described, and specifically pointed out in the claims.

The object of my invention is to provide a simple, strong, and readily-manipulated bedstead of this class.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a perspective view of my bedstead, one-half of the bed-band E being cut away to show the interior and underlying parts. Fig. 2 is a detail section and elevation of one end. Fig. 3 is a view of the connections of brace I.

A are the end standards of the bed. The lower ends of these are provided with transverse feet B, so connected by mortise and tenon as to be readily removed. Between the end standards is the bottom bar C, which is connected at each end with said standards by hinges c, enabling the standards to be folded over on the bar. The bar itself is centrally jointed and hinged at c', so as to be folded double, and it is held rigid when extended by the jointed and separable brace-rods c², between which and the joint of the bar is the brace-plate c³, which holds and stiffens the parts, said plate being pivotally connected with the hinge-joint of the bar C so as to be folded. The end standards are braced and kept upright by the pawls D, which are hinged at d, at their upper ends, to the standards, and their lower ends are adapted to engage a series of teeth d' made in the bar C. By adjusting these pawls the standard may be further separated in order to tighten the bed, as will be presently described.

E is the bed or mattress. I make it of canvas or duck, in the shape of an elongated endless band. Its open sides, for a portion of their length, I connect by pieces e, which form pockets into which to slip the side bars F. In the ends of the band I slip the end bars G. Upon these bars G at their centers are secured nuts g, and fitted to these are thumb-screws H, which pass through the end standards A. Now, by manipulating these screws the bed-band E is tightened, and when the limit of this adjustment is reached the end standards may be separated further by adjusting their pawls D, and thus a further limit is provided for the adjustment of the thumb-screws in tightening up the bed-band. The bed-band is further supported and held rigid by brace-rods I, which are connected by a staple-and-eye connection at J with the bottom bar C, and have their outer ends threaded and connected by nuts j with sockets j' on the side bars F of the bed. The tops of the standards A have hinged to them the extensions a, which may be turned to an upright position or to a position outwardly at right angles, and in this latter position they are held rigidly by means of hinged rods a', connected with them and adapted to engage staples a² on the standards.

K are the head and foot boards, removably secured to the end standards.

The construction here shown of the bed-band and its connections is of advantage, in that it yields perfectly to conform to the body lying upon it. Its side bars F, being free of the end bars, rise up on each side to the weight of the body, and the whole bed yields gently on its supporting brace-rods I.

When it is desired to take the bed down and reduce it to a small compass, I fold the extensions a on the standards. I relieve the end bars G of the thumb-screws H and the side bars F of the brace-rod I, so that the bed-band can be removed. Then I remove the head and foot boards K and the feet B, and these I roll up in the bed-band. Then I relieve the end standards of their pawls and fold them and their pawls upon the bottom bar C, and I relieve said bar of its braces and plate and then fold it.

The object of the extensions a of the end

standards is that when set at right angles they may form supports for swinging the whole structure like a hammock.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a portable bedstead, the combination of the bottom bar hinged centrally, the brace-rods, and the hinged brace-plate under said bar, and the end standards hinged to the ends of the bottom bar, substantially as herein described.

2. In a portable bedstead, the combination of the bottom bar hinged centrally, the brace-rods and hinged brace-plate under it, the end standards hinged to the ends of the bottom bar, and the pawls hinged to the end standards and adapted to engage teeth on the bottom bar, substantially as herein described.

3. In a portable bedstead, the bed-band provided with end and side bars, in combination with the end standards to which the end bars are secured, the bottom bar, and the brace-rods connecting said bottom bar with the side bars of the bed-band, substantially as herein described.

4. In a portable bedstead, the combination of the jointed folding bottom bar, the end standards hinged to said bar, the bed-band

having the end and side bars, the thumb-screws and nuts adjustably connecting the end bars with the standards, and the removable brace-rods connecting the side bars with the bottom bar, substantially as herein described.

5. In a portable bedstead, the combination of the jointed folding bottom bar, the end standards hinged thereto, the pawls hinged to the standards and adjustably engaging the bottom bar, the bed-band having the end bars and the side bars, the thumb-screws and nuts adjustably connecting the end bars with the standards, and the brace-rods adjustably connecting the side bars with the bottom bar, substantially as herein described.

6. In a portable bedstead, the end standards and the bed carried thereby in combination with the extensions hinged to the tops of the standards, and the rods and staples for holding the extensions out at right angles to the standards, substantially as herein described.

In witness whereof I have hereunto set my hand.

FREDRICK H. B. BABBE.

Witnesses:

S. H. NOURSE,
H. C. LEE.