

Camp-Bed.

Patented Sept. 20, 1870

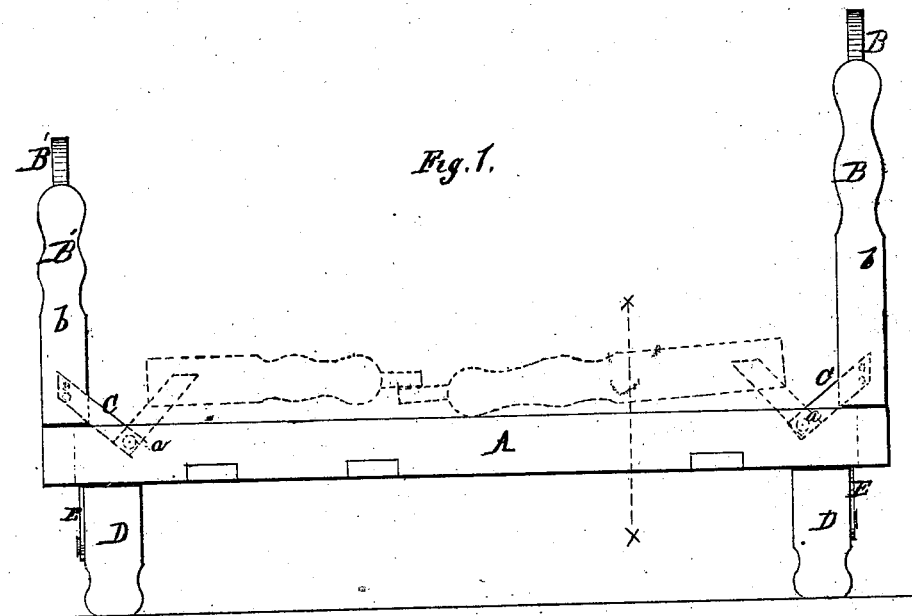
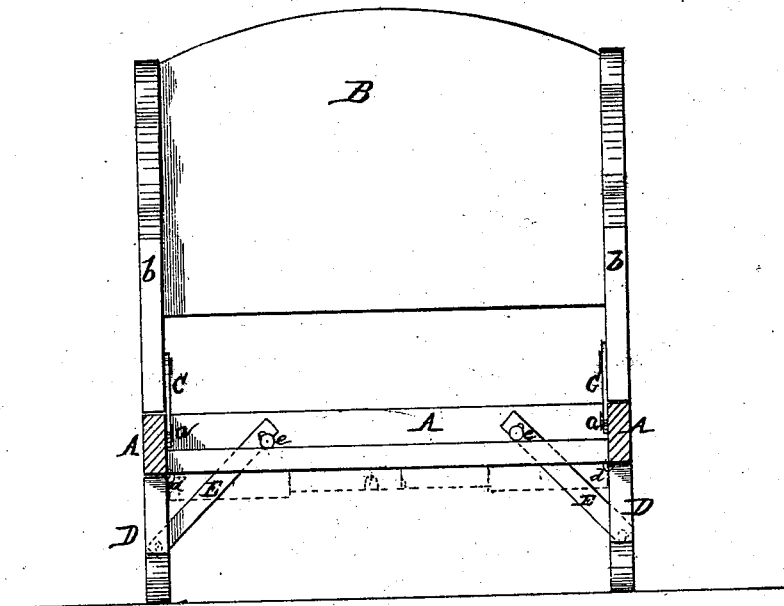


Fig. 2.



Witnesses:
W. A. Finckley
Wm. J. Peyton

Inventor.
H. W. Ladd.
By John A. Diederichsen
Atty-

United States Patent Office.

HERMON W. LADD, OF CHELSEA, MASSACHUSETTS.

Letters Patent No. 107,509, dated September 20, 1870; antedated September 8, 1870.

IMPROVEMENT IN BEDSTEADS OR COTS.

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, HERMON W. LADD, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Wood Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing which is made a part of this specification, and of which—

Figure 1 is a side elevation, and

Figure 2, a transverse section of a bedstead embodying my improvement.

Similar letters indicate the same parts in the two figures.

The object of this invention is to provide a bedstead which shall have the appearance of the modern French or other style of bedstead, and yet be adapted to be made to assume a compact form, or, in other words, folded up, so that it may be conveniently removed, transported, or stored, without detaching the parts from each other; and which shall, furthermore, be less expensive, but not less slightly, or ornamental, or in any other particular less desirable than the bedsteads which it is designed to supplant.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe its construction and operation with reference to the accompanying drawing.

A may represent an oblong frame, of any desirable dimensions, the sides and ends whereof serve the purposes of the ordinary side and end pieces or rails of common bedsteads.

The parts of the frame A are, by preference, permanently joined together, but this is by no means essential so far as my invention is concerned.

B B represent wooden or partially wooden head and foot-boards, which may consist of posts or uprights *b b*, connected by turned rods or by panels, as shown, and, in order to add to their appearance, I ornament the said wooden posts, panels, or rods, by scrolling, molding, turning, engraving, carving, or painting, either or all, as may be desirable, the object being to imitate a bedstead of ordinary construction.

These head and foot-boards, while they may be similar in structure to those of other or common bedsteads, are applied in a different manner, as will now be explained.

The head or foot-board is made separately from the frame A, but the posts or uprights *b* of the head or foot-board rest upon the side rails of the frame A, at the ends thereof, when the boards are in a vertical position, as they are in use.

The posts *b* may extend somewhat below the in-

termediate part of the head or foot-board, and to each post *b* is attached an arm or connecting-piece, C, long enough to extend thence to the inside of the adjacent side pieces of the frame A, to which it is pivoted, as shown at *a*.

The head and foot-boards B B', being thus connected to the frame of the bedstead by means of the arms C, may be folded or turned toward each other, so as to be made to lie flat upon the frame A, as represented by their dotted outlines in fig. 1.

The slats or bed-bottom may, if desired, be so applied that the mattress or bedding shall not interfere with the turning of the head and foot-boards into a horizontal position.

D D are the legs upon which the frame A rests.

I apply the legs independent of each other, so that, when in use, they may present the appearance of the ordinary leg of a bedstead. These legs, for convenience, I prefer to have permanently attached to the frame A at *d*.

The legs, when in use or in their supporting position, are held in place by the braces E, or otherwise. The braces are preferably employed. They are strips of metal, one end of each being permanently pivoted to the leg, and the other end adapted to be hooked upon the frame A, as at *e*, or *vice versa*.

As before stated, this mode of attaching the legs is designed to adapt them to be folded up under or inside of the frame A, for convenience in storing, removing, or shipping.

Another important advantage that a bedstead made upon the principles of my invention has over ordinary bedsteads is the greater facility and cheapness with which it can be combined with a spring bottom.

Cross-bars may be secured to the frame A in such a manner as to be either permanent or detachable, as may be desired, upon which the springs, forming either a part or the whole of the spring bottom shall rest.

When the parts of the frame A are permanently fastened together, it is preferable to secure the spring-supporting cross-bars permanently to the frame A, but this is not essential.

By this arrangement, the frame A is made to serve the same purpose as the frame-work to an ordinary spring bed, thus saving the expense of the spring-bed frame, and producing a united bedstead and spring bottom much cheaper than as if the bedstead and spring bottom were made independent of each other.

The head and foot-boards B B' turn down over the spring bottom in such a manner as not to necessitate its removal when the bedstead is prepared for removal or shipment, as is the case when the ordinary spring

bottoms and ordinary bedsteads are used together, thus saving time and trouble in packing, and expense in moving, as there are less packages.

I have thus described a cheap portable bedstead, which may be likened unto a cot, yet possessing all the desirable features of a substantial bedstead, and having like stability and susceptibility of ornamentation.

Having thus described my invention,

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

The combination of the head and foot-boards B B', the braces or connecting-arms C, or equivalents, frame A, and hinged legs, operating substantially as and for the purpose described.

The above signed by me this 18th day of January, 1870.

H. W. LADD.

Witnesses:

G. F. LADD,
JOHN S. GRAY.