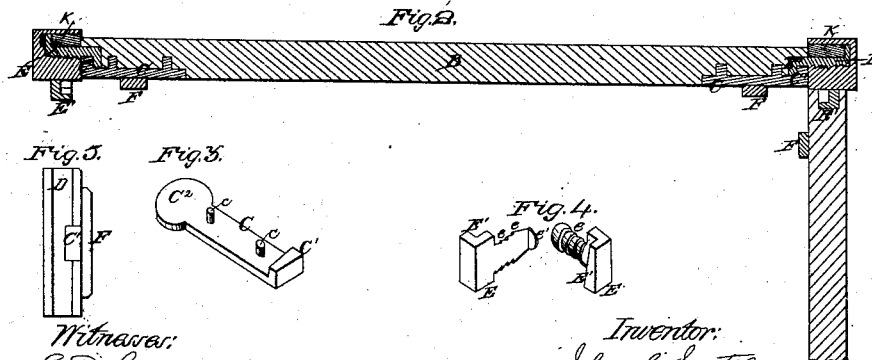
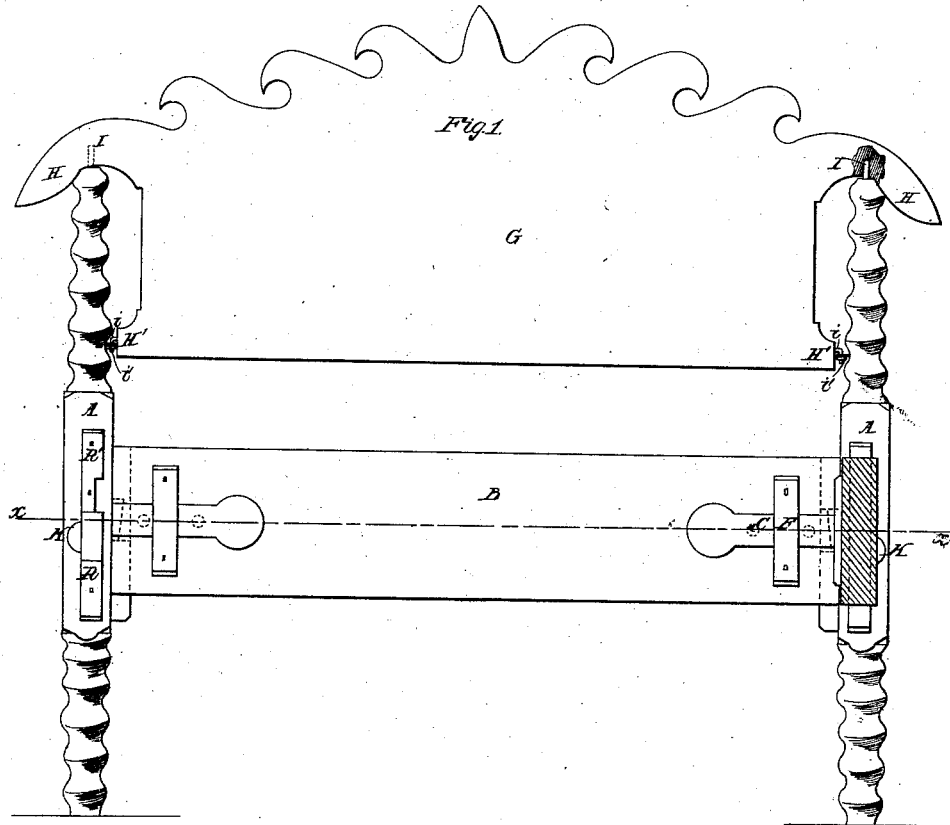


J. C. Santee,
Bedstead Fastening.

N^o 46029.

Patented Jan. 24, 1865.



Witness:
E. J. Smith
James H. Smith

Inventor:
John C. Santee
By [Signature]

UNITED STATES PATENT OFFICE.

JOHN C. SANTEE, OF HUGHESVILLE, PENNSYLVANIA.

IMPROVED BEADSTEAD-FASTENING.

Specification forming part of Letters Patent No. 46,029, dated January 24, 1865.

To all whom it may concern:

Be it known that I, JOHN C. SANTEE, of Hughesville, in the county of Lycoming and State of Pennsylvania, have invented a new and useful Improvement in Bedsteads; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front view of the head portion of a bedstead illustrating my improvement. Fig. 2 is a horizontal section of the same in the line *x x*, Fig. 1. Fig. 3 is a detached perspective view of a lug, which is secured to the side rails of my improved bedstead, as hereinafter more fully described. Fig. 4 represents detached front and rear views of the lugs in the bed-posts, and Fig. 5 is an end view of one of the side rails attached.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists, chiefly, in an improved manner of attaching the several parts of a bedstead by means of grooves and ribs, dispensing with mortises, thus rendering all parts readily accessible for cleansing, reducing the cost of manufacture, increasing the strength of the bedstead, and adapting it to be put together and taken a part with greater facility.

To enable others skilled in the art to which my invention appertains to fully understand and use the same, I will now proceed to describe it.

In the accompanying drawings, A A represent the posts of a bedstead, the middle parts of which are formed square. B is an end rail, secured between the posts A A in the manner to be described. In each of the two inner square sides of the bed-posts A are secured lugs E E, having semi-cylindrical shanks, the convex sides of which may be formed with angular ribs *e e*, while at their extreme ends, and at right angles to their flat faces, project semicircular flanges *e'*, as clearly shown in Fig. 4. To fasten these lugs securely a hole is bored in the square part of the bed-posts, the lug is inserted, and a semi-cylindrical plug, K, being properly glued, is driven along the smooth face of the lug until its end comes fairly home against the flange *e'*, so as to fill up the hole, press the ribs *e* into the wood, and hold the lug firmly

in position. A square rib, R, of wood, and of the same width as the upper part of the lug E, extends downward from the lug, being fastened by means of nails or screws. Above the lug may extend upward another rib, R', in the lower end of which is a recess, as clearly shown in Fig. 1. This upper rib, however, is not essentially necessary. The upper part of the lug, which is between the two ribs, R R', and projects out from the side of the bed-post, is formed with an oblique flange, E', clearly shown in Fig. 4. The ends of the side and end rail, B, are angularly grooved. On the inner side of this end rail, B, is a longitudinal recess, into which the lug C fits snugly, the oblique flange C' on its end protruding in the groove D of the end rail, and its circular head C² occupying a recess bored for it, so as to firmly secure the lug against a longitudinal strain. On the inner face of the lug C pins *c c* may be applied, which, being driven into the rail, assist in securing the lug in its recess. A rib, F, extending vertically across the lug C and fastened to the rail B by means of nails or screws at each end, holds the lug C in its proper position, all as shown in Fig. 5.

When it is desired to fasten the end rail to the posts, the ribs R R' are held by the groove D, the lug C of the end rail B entering the recess in the rib R' above the lug E of the post, and the flange C' of the lug C passing the flange E' of the lug E in such a way that on sliding the end rail down the two flanges will be locked, and thus hold the rail B securely fastened to the post A. The upper ends, H H, of the head-board G project over the posts A A. In the under side of these ends are holes, into which fit metal or wooden pins on the top end of the posts A. The lower corners, H' H, of the head-board G may also be perforated, for the reception of hooks projecting from the sides of the posts, or may have hooks *i* attached to them, which engage in metallic loops or eyes *i'* on the inner sides of the posts A A, thus allowing the head-board to be securely attached to the bed-frame between the posts A A, and also to be quickly and easily detached when it is desired to take the bedstead to pieces.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

1. The lugs C and E, constructed and applied substantially as herein shown and described, to secure the parts of the bedsteads together without mortises.

2. In combination with the above, the ribs R R', for affording an additional support to the rails.

3. The combination of the plugs K and

flanges e', for securing the lugs e within the posts, substantially as and for the purposes herein set forth.

J. C. SANTEE.

Witnesses:

OCTAVIUS KNIGHT,
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