B. S. Pringle,

Bedstead.

No. 29,913. Patented Sept. 4, 1860.

Fig. 2.

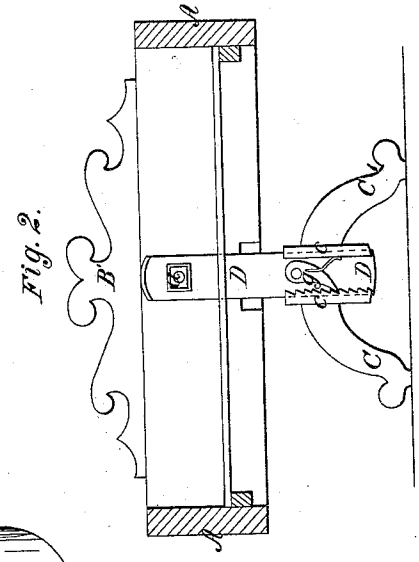
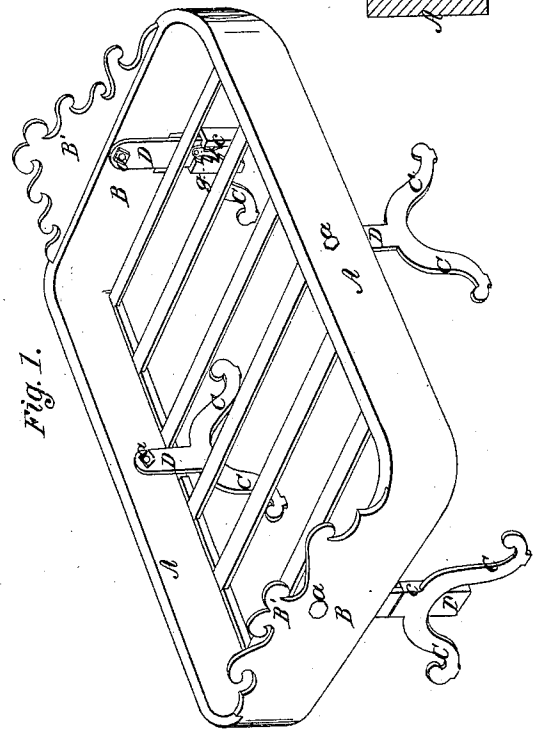


Fig. 1.



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UNITED STATES PATENT OFFICE.

BARTON S. PRINGLE, OF BARNESVILLE, GEORGIA.

BEDSTEAD.

Specification of Letters Patent No. 29,913, dated September 4, 1860.

To all whom it may concern:

Be it known that I, BARTON S. PRINGLE, of Barnesville, in the county of Pike and State of Georgia, have invented a new and useful Improvement in Bedsteads; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 shows a perspective view of the improved bedstead. Fig. 2 is a vertical transverse section taken through the side rails of my bedstead, showing the headboard and one adjustable leg.

Similar letters of reference indicate corresponding parts in both figures.

This invention is an improvement in bedsteads, whereby the head or foot of the bedstead may be raised or lowered at pleasure, giving great advantage over the common bedstead, especially as an invalid bedstead.

My invention consists in using four legs, each having two feet, one being placed at the head, one at the foot, and one at each side of the bedstead frame, which legs are pivoted to the rails and the head and foot legs are so constructed that they may be lengthened or shortened, and fixed at any desired point of adjustment, as will be hereinafter described and represented.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

The bedstead represented in the drawings is a low "French bedstead", but the invention can be applied to bedstead frames of any description.

A, A are the two side rails, and B, B, are the head and foot rails, with head and foot boards B′, B′, as shown in the drawings, Figs. 1 and 2. This frame is mounted on four legs, each of which have two feet C, C, and a straight strip D, that is pivoted to the rails at *a*, so as to be allowed to vibrate longitudinally or in a direction with the length of the rail to which it is pivoted.

The straight pieces D, at the head and foot rails are attached to their respective feet C, in such a manner that the feet will slide up and down on the pieces or legs and be fixed at any desired point. To do this a grooved box *c*, is formed on the top of the curved feet, as shown in Fig. 2, and the legs pass down through the grooves in the boxes; a spring pawl *g*, is now attached to the legs, which pawl engages with rack teeth formed on the one projecting edge of the box, which teeth are pitched upward so that the pawls will prevent the legs from slipping down through the boxes, but they (the pawls) will allow the legs to be raised with the bedstead, and established at any desired point of elevation.

From this description it will be seen that the bedstead frame may be changed from a horizontal position to an inclined position. The head or foot of the bedstead may be raised or depressed, while the side legs, being jointed to their rails will allow them to adjust themselves to any degree of inclination, and keep perpendicular to the floor on which they stand. Or by applying the boxes *c*, to the side legs, and adjusting these side legs the bedstead frame may be inclined in the opposite direction, then all the legs may be adjusted so as to raise and depress the bedstead frame horizontally.

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

Attaching the four feet to their respective legs by a rack and pawl in the manner described, and pivoting these legs to the rails of the bedstead frame, as and for the purposes herein set forth.

BARTON S. PRINGLE.

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