(No Model.)

J. P. MOORE.

BED.

No. 318,282. Patented May 19, 1885.

Fig. 1

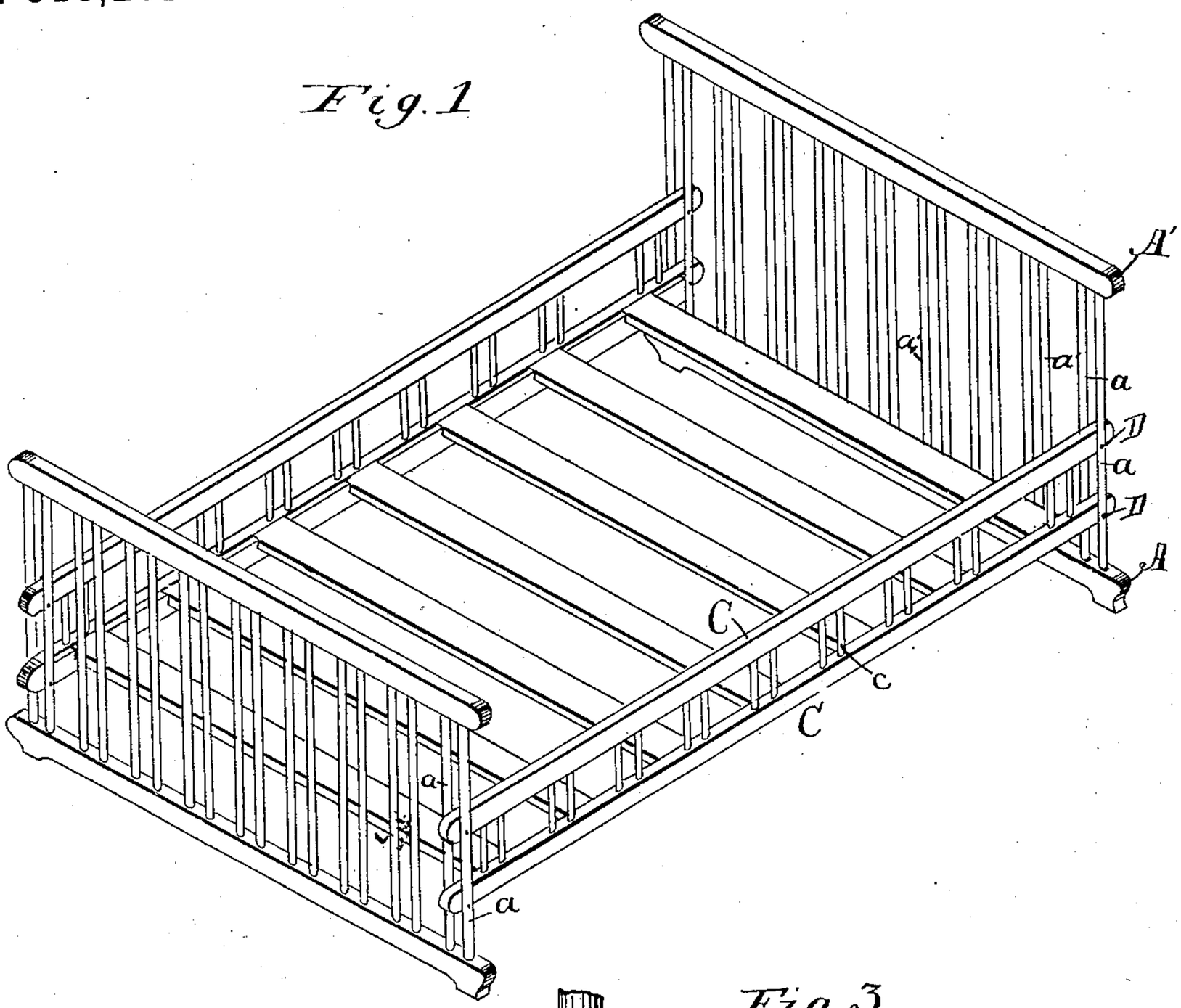


Fig. 2.

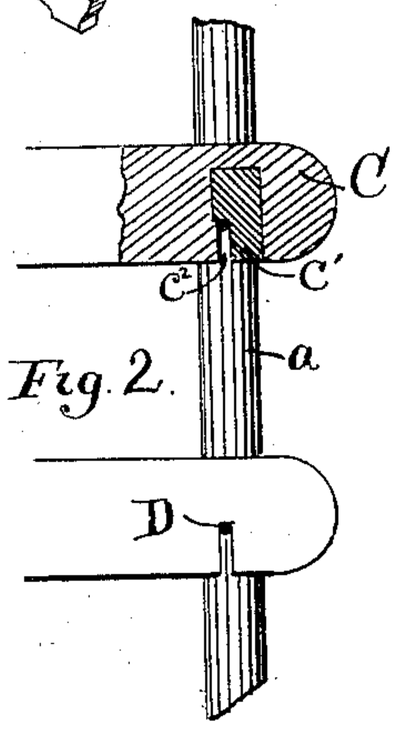
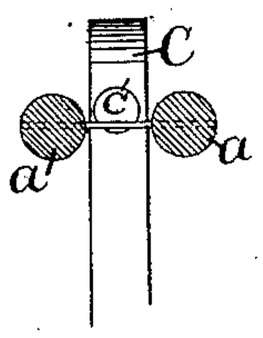


Fig. 3.



Witnesses:

H. S. Mitchell
Richard Wood

Inventor:

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UNITED STATES PATENT OFFICE.

JAMES P. MOORE, OF GARDINER, MAINE.

BED.

SPECIFICATION forming part of Letters Patent No. 318,282, dated May 19, 1885.

Application filed January 27, 1885. (No model.)

To all whom it may concern:

Be it known that I, JAMES P. MOORE, a citizen of the United States, residing at Gardiner, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Beds, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to beds; and the object of my invention is to form a bedstead which shall be simply and easily constructed, and which shall combine a maximum of strength and stiffness with a minimum of lightness and simplicity.

My invention consists of a head-board, foot-board, and side rails, each composed of two stout bars of wood placed horizontally one above the other, and united by strong pins or dowels fitted into holes bored in the bars. The side rails are joined to the head and foot boards by means of slots in the under sides of the bars, which fit over metal pins which pass through the two end dowels of the head and foot boards.

In the drawings, Figure 1 is a perspective view. Fig. 2 shows a longitudinal section through end of side rails. Fig. 3 is a transverse section immediately below the rail.

A is the lower bar of the head-board, and A′ is the upper bar. *a a* are the two end dowels, and *a′ a′* are the intermediate dowels, all of which are driven into holes in the under side of bar A′ and the upper side of bar A. The dowels *a a* are placed just sufficiently far apart to admit between them the side rails, C. The remaining dowels are arranged in pairs, or in any suitable manner.

Two pins, D D, are driven through the dowels *a a* at such a distance apart that they will receive the upper and lower bars of the side rails.

C and C′ are the upper and lower bars of the side rails. These bars are united by dowels, as in the case of the head and foot boards. A hole is bored in the under side of the ends of the bars C and C′, and a hard-wood plug is driven in. Through this hard-wood plug a slot, c^2, is cut in the under side of the bar capable of receiving the pin D. The side rails are attached to the head and foot boards in the same manner—viz., the rails are passed between the dowels *a a*, and the slots pressed down over the pins D D.

As I construct the bed, the bars are all of some strong light wood, like spruce, while the dowels are of hard wood. The plug *c′*, which is inserted into the ends of bars C′ C, strengthens the ends of the bars against the great strain to which they are subjected, and thus renders this simple manner of fastening practicable.

By my manner of forming this bed I give it a maximum of strength and stiffness where these are most desirable, combined with a minimum of lightness. The labor of making the bed is reduced to a very small amount, and there are no hiding-places for vermin.

I claim—

1. The within-described bedstead, consisting of head and foot boards and side rails composed of bars C C′, united by dowels, and having the plugs *c′*, through which are cut slots c^2, combined with pins D D, passing through the dowels *a a*, substantially as described.

2. In a bedstead, the side rails composed of bars C C′, united by dowels, and having the plugs *c′*, through which are cut slots c^2, combined with pins D D, passing through the dowels *a a*, substantially as shown and described.

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

JAMES P. MOORE.

Witnesses:
J. S. MAXCY,
D. M. MAXCY.