

(No Model.)

2 Sheets—Sheet 1.

T. LANGDON.
COMBINED BED AND SOFA.

No. 561,005.

Patented May 26, 1896.

Fig. 1.

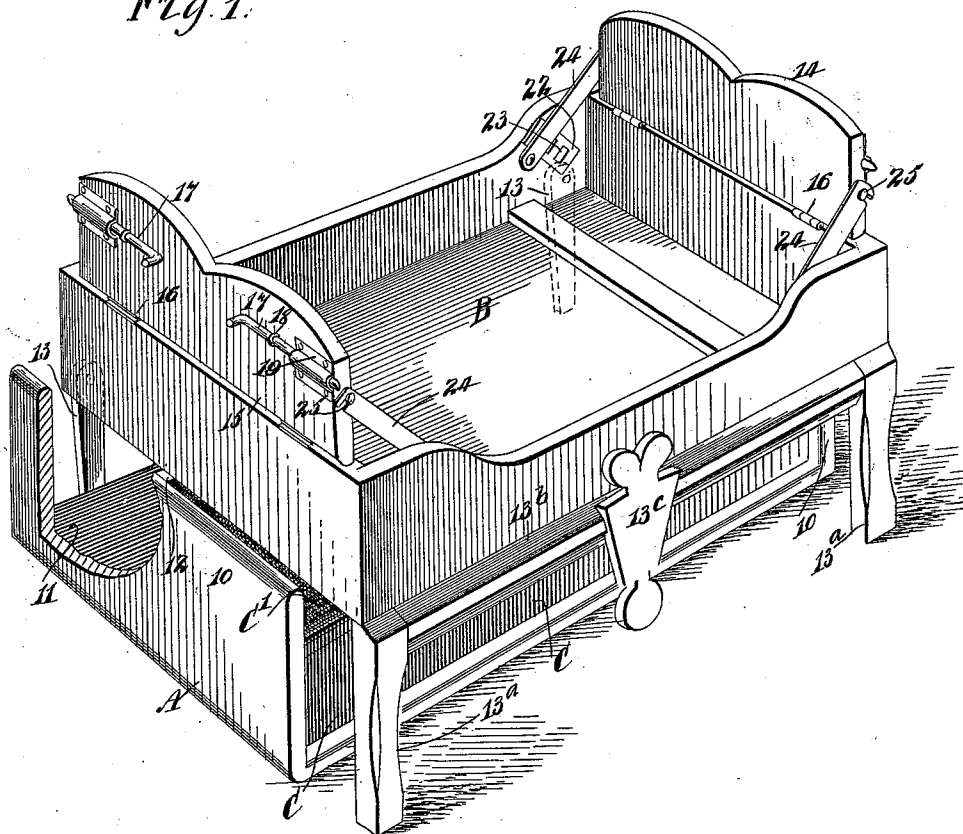
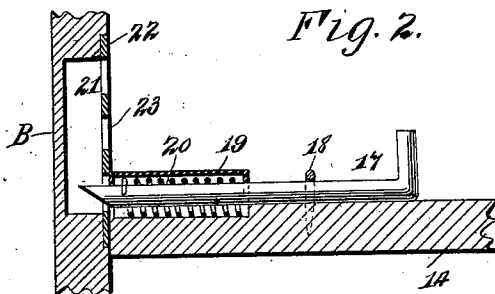


Fig. 2.



WITNESSES:

John A. Kenna
Fred A. Kenna

INVENTOR

T. Langdon

BY

Munn & Co

ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

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Fig. 3.

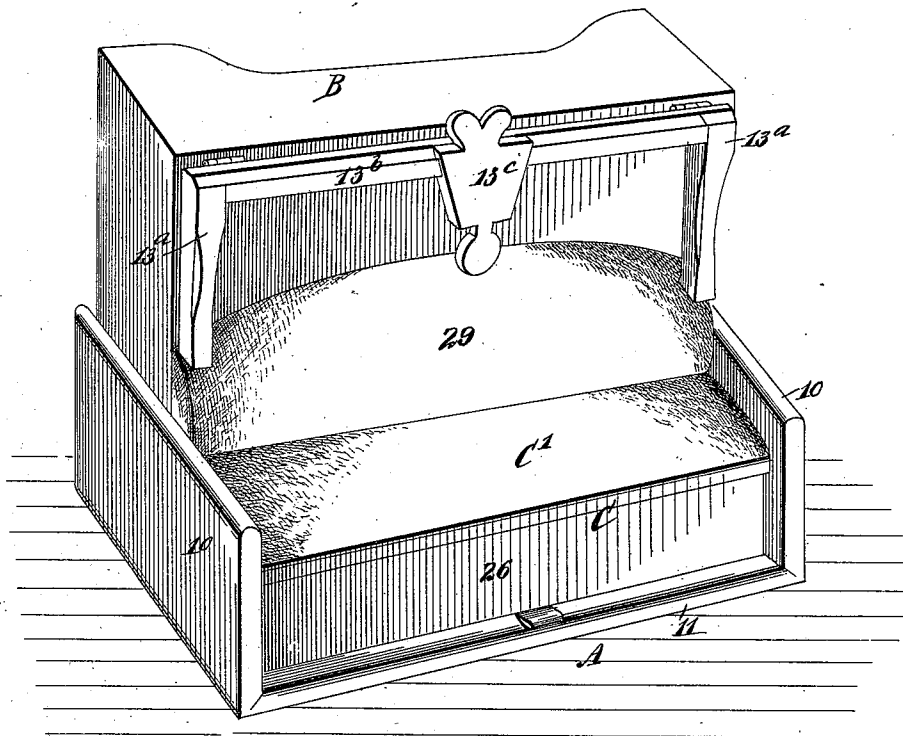
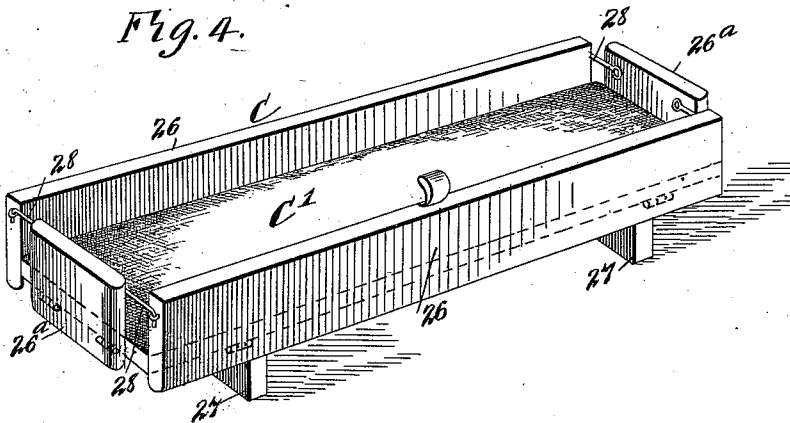


Fig. 4.



WITNESSES:

John A. Rennie
John A. Rennie

INVENTOR

T. Langdon

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

THOMAS LANGDON, OF SOUTH LOS ANGELES, CALIFORNIA.

COMBINED BED AND SOFA.

SPECIFICATION forming part of Letters Patent No. 561,005, dated May 26, 1896.

Application filed August 17, 1895. Serial No. 559,647. (No model.)

To all whom it may concern:

Be it known that I, THOMAS LANGDON, of South Los Angeles, in the county of Los Angeles and State of California, have invented a new and Improved Combined Bed and Sofa, of which the following is a full, clear, and exact description.

My invention relates to an article of furniture, the same comprising a bed and sofa; and the object of the invention is to so construct such an article of furniture that a comfortable bed, either single or double, may be pivoted upon the base in such manner that the bed can be raised or lowered with perfect safety, ease, and despatch and used without danger of accident, and whereby, also, when the bed is carried to an upper or vertical position the article of furniture may be utilized as a sofa, and whereby, further, the said sofa may be converted into a crib or berth, or whereby a portion of the sofa may be removed and used as a single bed independent of the bed that is pivoted on the base.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the bed in position for use, a portion of the supporting-base being broken away. Fig. 2 is a detail sectional view through a portion of the head-board and through a portion of the side of bed, illustrating the manner in which the head-board is locked to the bed. Fig. 3 is a perspective view of the article of furniture in use as a lounge, and Fig. 4 is a perspective view of the base portion of the lounge converted into a single bed.

In carrying out the invention the base A is provided, comprising, preferably, two end pieces 10, a bottom 11, connecting them, and a longitudinal partition 12, extending from one end piece to the other of the base, as shown in Fig. 1, the partition being preferably about centrally located.

The body B of the bed is hinged to the base-partition 12 and may rest on said partition when the bed is in position for use. At the

back of the bed legs 13 are preferably pivoted, being adapted to be carried up out of the way when the bed is elevated, and at the front of the bed two or more legs 13^a are hinged to the bottom of the bed, being connected, preferably, by a bar 13^b, which may likewise be hinged to the bed, and an ornament 13^c is preferably placed about centrally on the bar 13^b to serve as a handle in manipulating the legs. When the bed is in horizontal position, the front legs 13^a will rest upon the floor in front of the base and the rear legs 13 will have the same support at the rear of the base. A head-board 14 and a foot-board 15 are employed, both of which are connected with an upper end portion of the bed by means of hinges 16, both the head and the foot boards being adapted to fold downward within the body of the bed. Both the head and the foot boards are provided upon their outer faces with bolts 17, one being placed near each end of the board. These bolts move through suitable guides 18 and through a housing 19, and each housing contains a spring 20, attached to the bolt and to a fixed support, the spring serving to hold the heads of the bolts normally beyond the ends of the head and the foot boards.

Adjacent to the head and the foot boards of the bed a recess 21 is made in each side board, the recesses being preferably diagonally placed, and these recesses are covered by plates 22, having openings 23 therein to receive the heads of the bolts, so that after the bed has been made up the head and foot boards upon being carried downward in the bed-body to an engagement with the clothes will hold the clothes firmly in place, since the bolts on the head and foot boards will have entered one of the apertures in the plates 22. The head and foot boards are held in their upper positions by pivoted braces 24, attached to the body of the bed and engaging with pins 25 or their equivalents, secured to the ends of the aforesaid head and foot boards.

The sofa C is located in the front compartment-face, and consists of a cushioned top C', side pieces 26, and end pieces 26^a, both the side and end pieces being hinged to the margin of the cushioned top C', and either the end or the side pieces of the sofa are provided with hooks 28 or their equivalents to

engage with eyes located on the opposing pieces of the frame, as shown in Fig. 4. A cushion 29 is likewise formed on a portion of the bottom of the bed-body, and when the bed-body is in a vertical position, as shown in Fig. 3, the cushion on the bottom will meet the cushion C' of the lounge or sofa, constituting a back therefor. When the bed is not required, the head and foot boards having been folded down in the body and the rear legs 14 folded up, the bed is carried to the vertical position shown in Fig. 3, the front legs automatically dropping against the body of the bed. In the event that the sofa is to be used as a crib or couch, this may be done by carrying the front side board 26 of the lounge upward, so as to form a rail for the front, and if a second single bed is required in addition to the large bed the small bed may be made up by taking out the frame of the lounge and carrying the end and side pieces upward around the cushioned top C', the frame resting upon transverse partitions 27, secured to the bottom of the cushion.

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

1. In a folding bed, a sofa removably located in the base, the said sofa comprising a cushioned upper surface and end and side

pieces having a hinged connection with the cushioned surface, being adapted to fold upward beyond the same, and locking devices for holding the side and end pieces in their upper position, substantially as shown and described.

2. In a folding bed, a base comprising a bottom and end pieces, the latter being connected by a transverse partition, a sofa on the base at one side of the partition, a bed hingedly mounted at the upper edge of the partition, legs pivotally mounted at each side of the bed, head and foot boards respectively hinged at the ends of the bed, and spring-pressed pins respectively carried by the head and foot boards, substantially as described.

3. A bed, comprising side and end rails, the side rails having diagonal recesses at their inner sides and near their respective ends, a notched plate secured over each recess, head and foot boards respectively hinged to the end rails of the bed, and spring-pressed pins carried by the head and foot boards and respectively engaged with the notched plates, substantially as described.

THOMAS LANGDON.

Witnesses:

GEORGE M. CORNWALL,
W. B. AKEY.