

No. 651,124.

Patented June 5, 1900.

J. STIENEN.
COUCH BED.

(Application filed Feb. 3, 1900.)

(No Model.)

2 Sheets—Sheet 1.

FIG: 1.

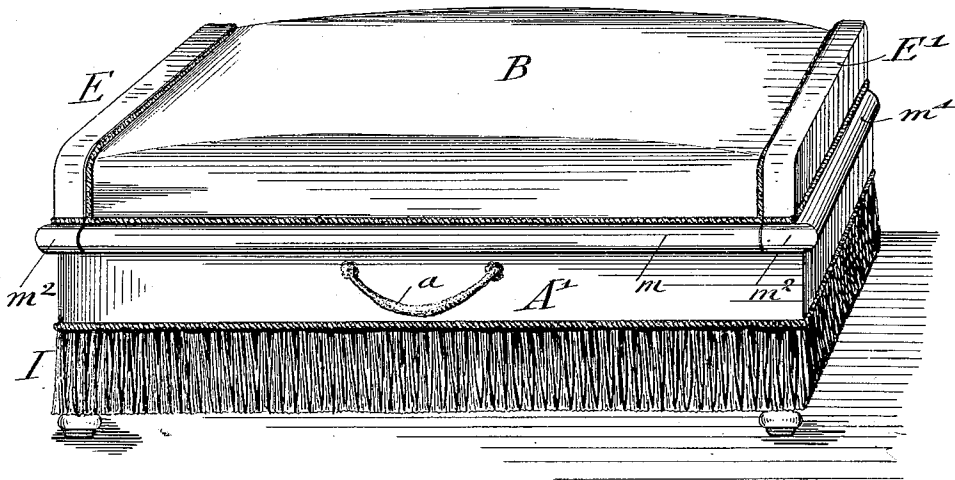
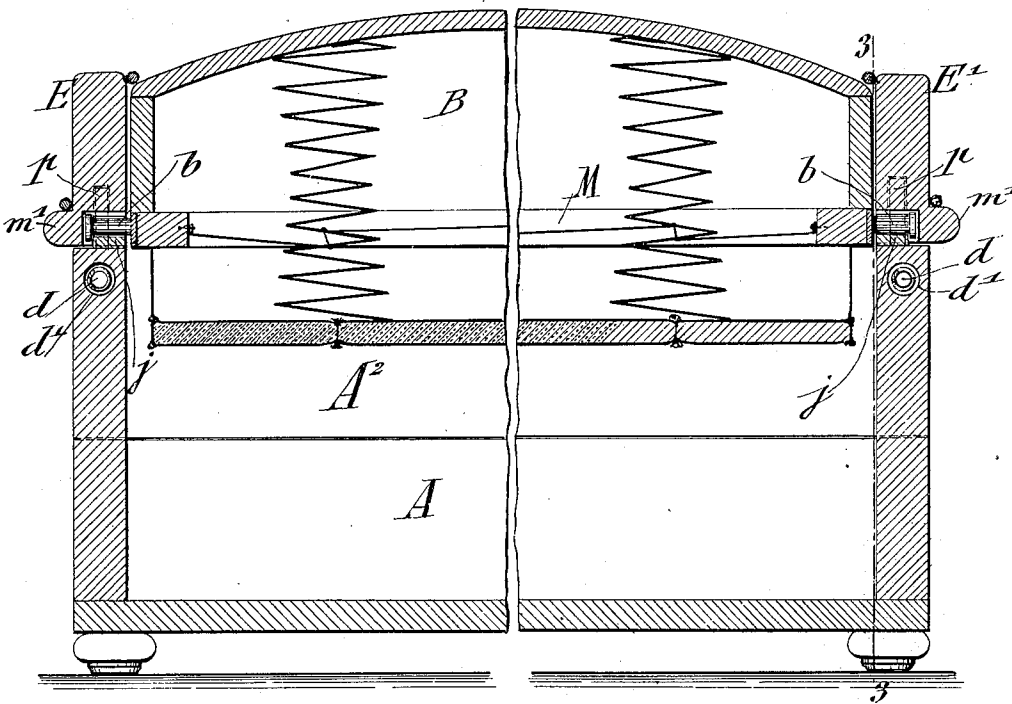


FIG: 2.



WITNESSES:

W. F. Murtzell
Paul W. Davis

INVENTOR

Julius Stienen
BY *George R. Rogers*
ATTORNEYS

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2 Sheets—Sheet 2.

FIG:3.

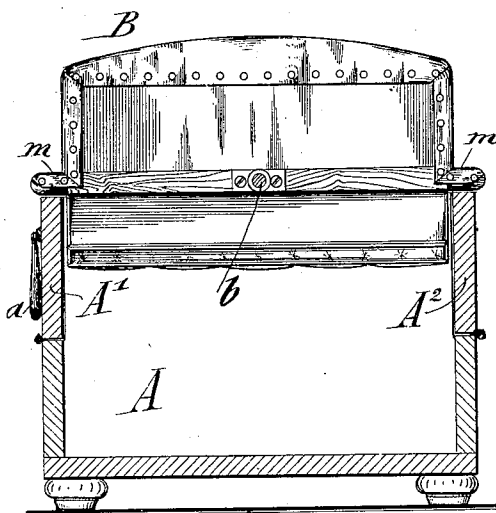


FIG: 1.

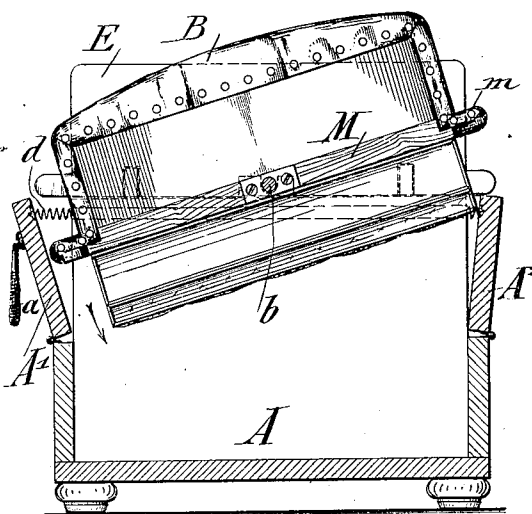


FIG:5.

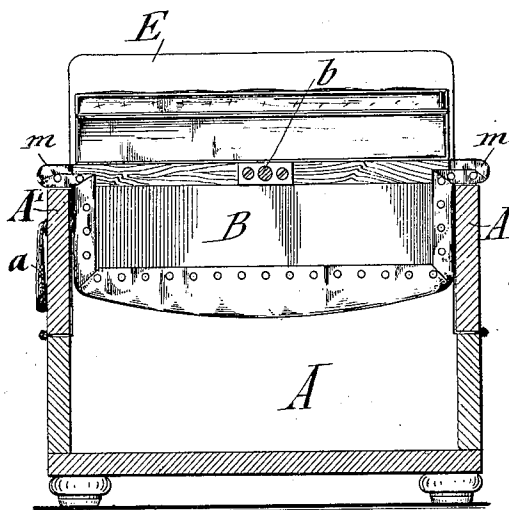
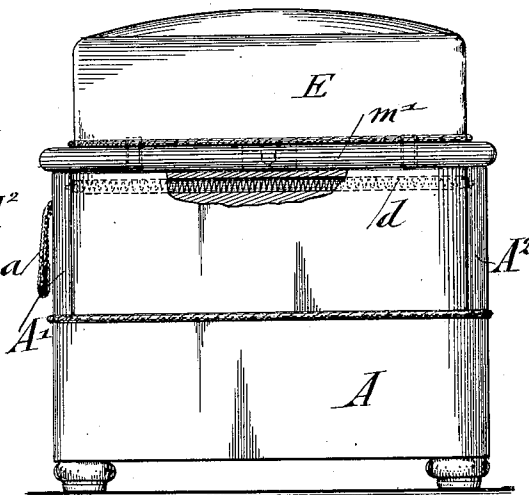


FIG:6.



WITNESSES:

WITNESSES:
M. F. Whitzel.
John W. Davis

INVENTOR

Jutius Stienen
BY *Francis Reguer*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JULIUS STIENEN, OF NEW YORK, N. Y.

COUCH-BED.

SPECIFICATION forming part of Letters Patent No. 651,124, dated June 5, 1900.

Application filed February 3, 1900. Serial No. 3,843. (No model.)

To all whom it may concern:

Be it known that I, JULIUS STIENEN, a citizen of the United States, residing in the city of New York, borough of Manhattan, and State of New York, have invented certain new and useful Improvements in Couch-Beds, of which the following is a specification.

This invention relates to an improved couch-bed which can be readily changed from a couch to a bed and, vice versa, from a bed to a couch in a very convenient and handy manner, the structure being such that the couch-bed can be readily handled so as to change it into a bed or couch and so that the clothes, pillows, &c., can be conveniently stored away in the box portion of the couch when the same is to be used as a bed.

The invention consists of a couch-bed composed of a box portion and a seat portion pivoted by end pivots on the box portion and adapted to be turned on said pivots, said seat portion being upholstered at both sides and having projecting front and rear moldings and hinged and spring-actuated front and rear panels hinged to the front and rear walls of the box portion, so as to permit the turning of the seat portion on its pivots in a position so as to be used as a seat for the couch or a mattress for the bed, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved couch-bed shown as a couch. Fig. 2 is a vertical longitudinal section of the same, drawn on a larger scale, the middle portion being broken out. Fig. 3 is a vertical transverse section on line 3-3, Fig. 2, showing the couch-bed in position to be used as a couch. Fig. 4 is a similar vertical transverse section showing the seat portion in the act of being turned so as to present the upholstered section at the upper part. Fig. 5 is a similar vertical transverse section showing the couch-bed in position as a bed; and Fig. 6 is an end elevation of the couch-bed, partly broken away.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the main or box portion of my improved couch-bed, which is provided with suitable

feet or casters, if desired, and which is finished in any suitable manner, with a fringe or ornamental tassels I extending around the lower part of the same, as shown in Fig. 1. The box portion A is provided with recessed front and rear walls, which are filled by hinged panels A' A², the front panel A' being provided with a suitable handle *a* for pulling it forward.

On the end walls of the box portion A are arranged suitable bearings *j* for the pivots or trunnions *b* of the seat portion B, which seat portion is upholstered at both sides of its frame M, one side being finished as a cushion for the couch, while the opposite side is finished as a mattress, as shown in Fig. 2. The frame of the seat portion is provided with front and rear moldings or cleats *m*, which rest on the front and rear panels A' A² when the seat portion is in position so as to form a seat for the couch or the mattress for the bed, as shown, respectively, in Figs. 3 and 5. The front and rear panels A' A² are connected by helical springs *d d*, which pass through corresponding holes *d'*, bored through the end walls of the box portion, said springs being of sufficient strength so as to hold the front and rear panels in closed position on the box portion until by the turning of the seat portion they are pressed outwardly, as shown in Fig. 4, so as to permit the turning of the seat portion through an angle of one hundred and eighty degrees and present thereby either the couch-seat or mattress at its upper side.

Headpieces E E' are arranged at each end of the box-body and removably connected therewith by means of pins, as shown in dotted lines. The headpieces and the end portion of the front and rear walls are provided with stationary moldings *m' m*², respectively, as shown in Fig. 1, which form a continuance of the front and rear moldings *m* of the seat portion and impart thereby an ornamental and attractive appearance to the couch-bed. The side walls of the couch portion are extended to a level with the seat portion, as shown in Figs. 1 and 2, so that the seat portion can be freely turned between the same, the seat for the couch being on a level with the top of the extensions of the end formed by the headpieces E E', while the mattress is slightly below the same when turned, so as to be at the upper part of the seat portion.

My improved couch-bed is used as follows: When it is in its normal position, the seat portion B rests by its molding on the front and rear panels A' A² and is firmly supported by the same. When it is desired to turn the seat portion so as to bring the mattress up, the front panel is pulled forward against the tension of the springs *d* by taking hold of the handle *a* of the same. The seat portion is then pressed downward in the direction of the arrow shown in Fig. 4, so that thereby the seat portion engages the front and rear panels A' A² and moves them against the tension of the springs *d* in outward direction, so as to permit the complete turning of the seat portion until the same has passed through an angle of one hundred and eighty degrees and presents the mattress portion at its upper part, as shown in Fig. 5. When the seat portion arrives in horizontal position, the front and rear panels are drawn in below the front and rear molding *m* of the seat portion B, as shown in Fig. 5, so that they again support the seat portion firmly in position. The couch-bed can now be used as a bed, the pillows, sheets, covers, &c., having first been removed from the lower part of the box portion A, in which they were stored, this removal being accomplished by moving the front panel forward and tilting slightly the seat portion and removing these articles through the space that is formed between the front panel and front wall of the box portion and the seat portion. When it is desired to turn the seat portion to form a couch again, the same operation is repeated—namely, the front panel is moved forward by taking hold of the handle *a*, so that the seat portion can be readily moved in downward position, so that it presses back the front and rear panels and permits the completion of the turning motion until the couch-seat arrives at the top and the front and rear walls are forced by their springs below the front and rear moldings of the seat portion, as shown in Fig. 5. Before this return motion of the seat portion is accomplished the sheets and coverings are removed and stored away in the lower part of box portion A.

My improved couch-bed has the advantage that it can be used as a couch or bed in a very convenient manner, and that it can be manu-

factured at comparatively small expense from an ordinary couch, and that the bedclothes can be conveniently stored away in the box portion of the couch.

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

1. The combination of a box portion, front and rear panels hinged to the front and rear walls of the box portion, means for holding the front and rear panels in normally-raised position, and a centrally-pivoted seat portion provided with a cushioned seat at one side and a mattress at the opposite side, substantially as set forth.

2. The combination of a box portion having recessed front and rear walls and upwardly-extending side walls, front and rear panels hinged to the front and rear walls, means for holding the front and rear panels in normally-raised position, a handle applied to the front panel, and a centrally-pivoted seat portion cushioned at both sides and provided with front and rear moldings by which the seat portion is supported on the front and rear panels whether the same is placed in position as a couch or as mattress for a bed, substantially as set forth.

3. The combination of a box portion provided with recessed front and rear walls, and extensions from the end walls, front and rear panels hinged to the front and rear walls, helical springs connecting the front and rear panels, said helical springs being arranged in holes of the end walls of the box portion, a centrally-pivoted seat portion provided with a cushion-seat at one side and a mattress at the opposite side, said seat being provided with projecting front and rear moldings and supported by the front and rear panels in horizontal position, and a handle attached to the front panel so as to permit the forward movement of the same and convenient turning of the seat portion, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

JULIUS STIENEN.

Witnesses:

PAUL GOEPEL,
M. H. WURTZEL.