

(No Model.)

O. BOPP.
BED COUCH.

No. 490,423.

Patented Jan. 24, 1893.

Fig. 1.

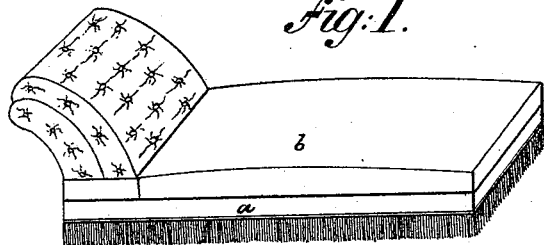


Fig. 2.

Fig. 3.

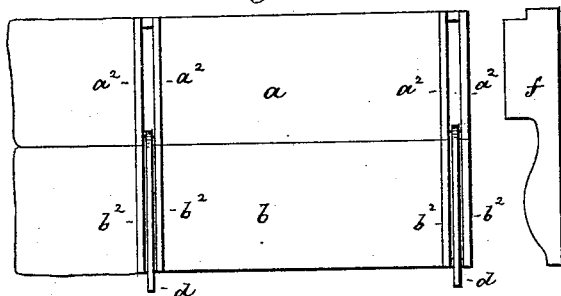


Fig. 5.

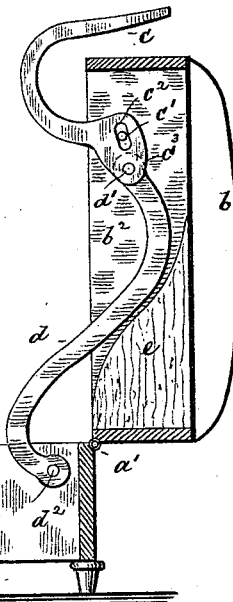


Fig. 4.

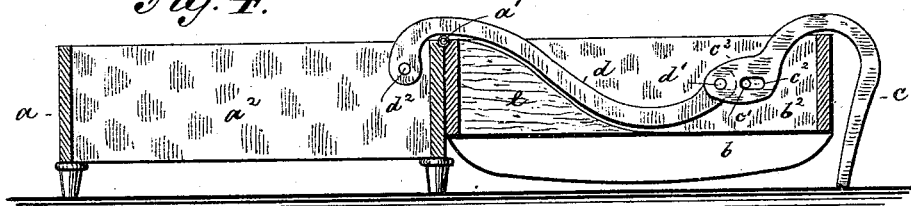
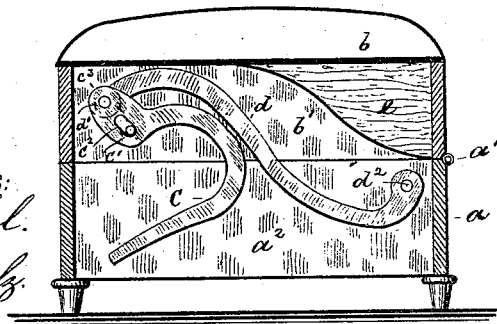


Fig. 6.



WITNESSES:
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OSCAR BOPP, OF NEW YORK, N. Y.

BED-COUCH.

SPECIFICATION forming part of Letters Patent No. 490,423, dated January 24, 1893.

Application filed September 2, 1892. Serial No. 444,880. (No model.)

To all whom it may concern:

Be it known that I, OSCAR BOPP, of New York city, New York, have invented an Improved Bed-Couch, of which the following is a specification.

This invention relates to a bed couch provided with folding legs that will be automatically operated by the opening and closing of the couch. As bed couches have no back rest, and may be placed with either side facing the room, it is of importance that the legs that support the folding extension, should be entirely concealed when the couch is closed. By my invention the legs are drawn into the couch as the latter is closed and are projected outward to support the extension when the couch is opened.

In the accompanying drawings: Figure 1 is a perspective view of the couch showing it closed. Fig. 2 a top view thereof showing it open. Fig. 3 an elevation of the foot board *f*. Fig. 4 a cross section of the couch showing it open. Fig. 5 a similar section showing it half closed and Fig. 6 a similar section showing it entirely closed.

The letter *a*, represents the stationary frame of the couch to which there is secured by hinges *a'*, the folding frame or extension *b*, as usual. Across the frame *a*, there extends a pair of parallel rails *a²*, which are in line with a pair of similar rails *b²*, extending across frame *b*. Between the rails *b²*, there is pivoted by pin *c'*, a U shaped leg *c*, which is provided with a slot *c²*, for the reception of the pivot. The curved leg *c*, is extended rearwardly beyond the pivot as at *c³*, and to this extension there is pivotally secured one end of

a curved lever *d*, by pivot *d'*. The other end of this lever extends between the rails *a²*, and is pivotally connected to them by a pivot *d²*.

When the couch is opened, the frame *b*, will revolve on the hinges *a'*, while the lever *d*, will revolve on pivot *d²*. This pivot being set back of the hinge will cause the lever to act as an eccentric and to exert a pull upon the extension *c³*, of the leg *c*. In this way the leg that has been originally folded within the frame *a*, (Fig. 6) will be gradually revolved, until it projects first outward (Fig. 5) and then downward to embrace the edge of the frame *b*, (Fig. 4) and to properly support the frame. In closing, the leg will be drawn back into the couch in a similar manner, because the lever will exert a pushing effect upon the extension *c³*.

To hold the parts properly in an open position, a block or support *e*, may be placed beneath the rear part of lever *d*.

If desired, the rails *a²*, *b²*, at the foot end of the couch may be used for the reception of a foot board *f*. This foot board has an irregularly curved lower edge so that it may properly fit upon the upper edge of the leg and lever.

What I claim is:

The combination of a couch with a folding frame, a bent lever pivoted to the couch and a U shaped leg pivoted to the lever and the folding frame and slotted to allow a movement on its pivot, substantially as specified.

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Witnesses:

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