

W. P. BEAN.

COMBINED EASY CHAIR AND SOFA BEDSTEAD.

No. 343,265.

Patented June 8, 1886.

Fig. 1.

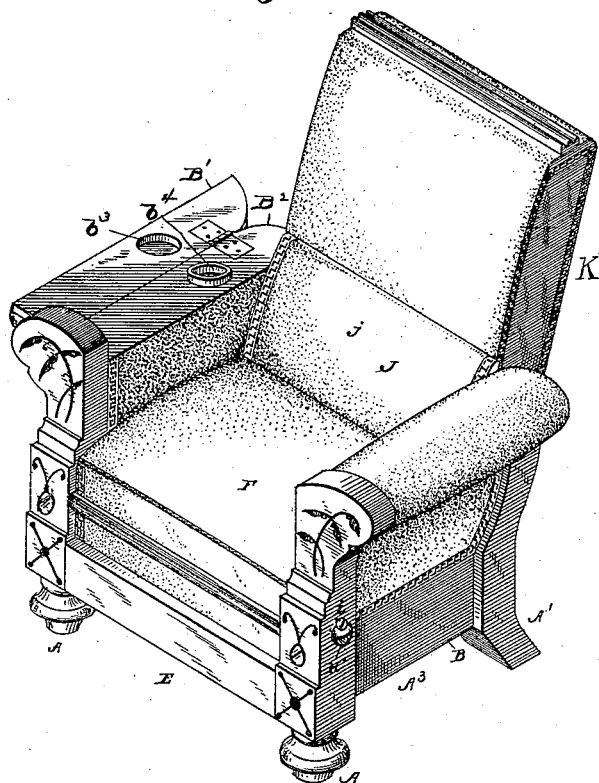
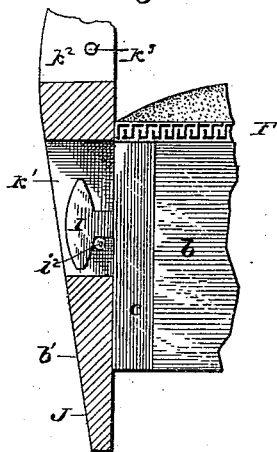


Fig. 6.



WITNESSES

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Fig. 2.

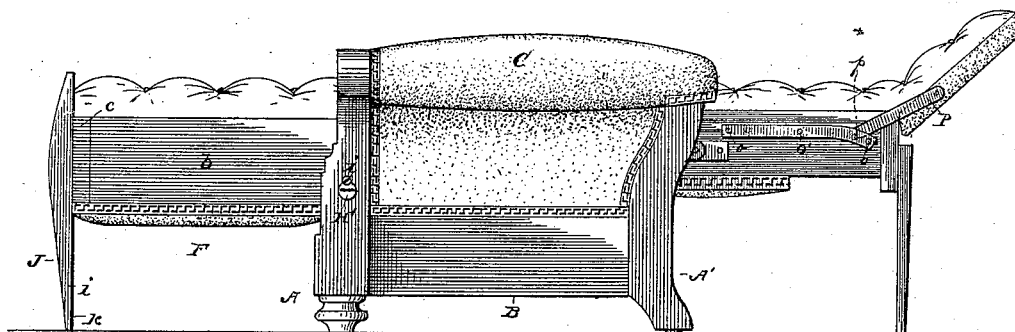


Fig. 3.

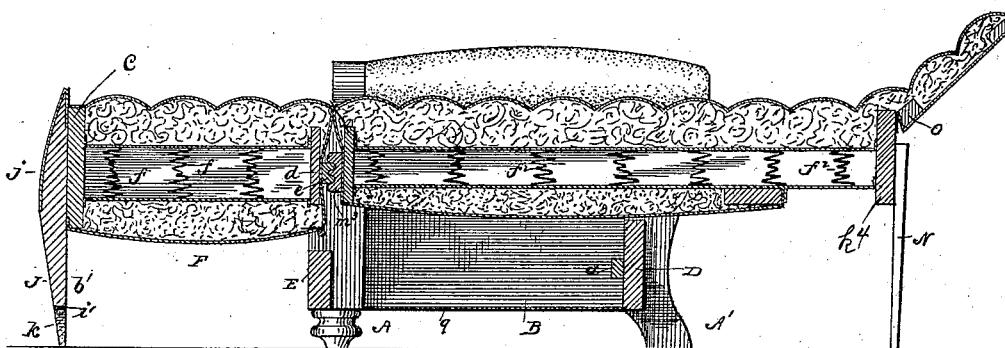
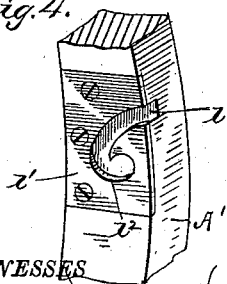


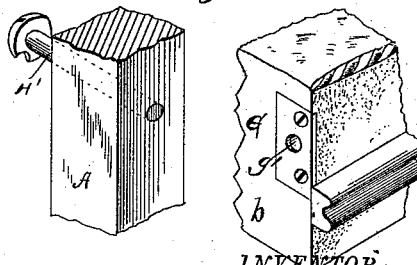
Fig. 4.



WITNESSES

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Fig. 5.



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(No Model.)

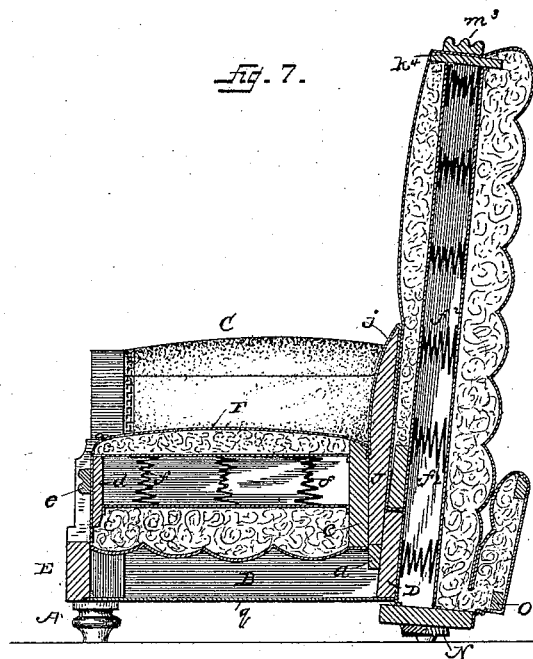
3 Sheets—Sheet 3.

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UNITED STATES PATENT OFFICE.

WESLEY P. BEAN, OF SAN FRANCISCO, CALIFORNIA.

COMBINED EASY-CHAIR AND SOFA-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 343,265, dated June 8, 1886.

Application filed January 10, 1884. Renewed May 11, 1886. Serial No. 201,888. (No model.)

To all whom it may concern:

Be it known that I, WESLEY P. BEAN, a citizen of the United States, residing in the city and county of San Francisco, and State of California, have invented a new and Combined Easy-Chair and Sofa-Bedstead, of which the following is a specification.

My invention relates to a combined easy-chair and bed; and it consists in the improved construction and combinations of parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of my invention, showing the same in use as a chair. Fig. 2 is a side elevation showing the same converted into a bed. Fig. 3 is a longitudinal vertical section of Fig. 2. Figs. 4 and 5 represent, respectively, in detail the means employed for attaching the back, bottom, or seat. Fig. 6 represents in detail the means employed for attaching the seat support, and Fig. 7 is a vertical section showing the device in use as a chair.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in all the figures, A³ represents a frame comprising the front and rear supporting-legs, A A'. The front and rear legs, A A', are connected on each side by a side rail, B, and secured to and connecting the legs A A' on each side are rails C, which are cushioned and serve as arm-rests, the intervening space between the arm-rests and side rails being suitably covered or upholstered, as shown. One of the arm-rests is provided with a hinged top strip, B', which is adapted to be overturned to serve as a table. The said strip is provided with a recess, b³, to receive a circular strip-piece, b⁴, on the top B² of said arm-rest. This circular piece serves as a catch, the hinged strip being forced or sprung into engagement with the piece b⁴, the recess b³ receiving the same. The rear legs, A', are connected a short distance from their lower ends by a back rail, D, which is formed on its inner side with a ledge, a. The sides B are connected at their forward ends by a front rail, E.

Located between the legs A, just above the front rail, E, is the bottom F of the chair. This bottom F consists of the sides b, connected at their rear ends by a back rail, c. Their forward ends are connected by a strip, d, which is covered, so that the same will not be

exposed to detract from the appearance of the chair. A strip, b', is secured to the front of the bottom, and serves as a support for the back when lowered to form a bed, as will be more fully described.

The top or seat of the bottom of the chair is covered with the same material with which the other parts are covered, while the bottom is cushioned with hair, excelsior, or other suitable material, and spiral springs, f may be employed to make the bottom easy both as a bed and a chair.

The bottom of the chair is provided on its sides near their forward ends with holes or openings g'.

G represents metal plates secured to the bottom, and which are provided with holes or openings to correspond to the holes or openings g' in said sides.

Bolts H' pass through holes or openings in the forward legs of the chair and engage the openings g'. The said bolts are formed with recesses in their heads, in which are seated screws i, to prevent said bolts from becoming detached.

Extending rearwardly from the back strip, c, of the bottom F', are plates I, substantially T shape in form.

J represents a support for the bottom when overturned to form the bed, and which, when the device is used as a chair, rests or bears against the work of the frame. This support J consists of a strip of wood, i', and is upholstered on its outer side, as shown at j, and on its back, near the upper end thereof, said strip also being provided with short legs k. Slots k' are formed in the strip i', and in said slots are located pins i². The said slots k' are adapted to receive the plates on the back rail, c, and the said strip is forced upwardly, so that the pins i² will engage the T-shaped plates, and thus hold the said back rail against accidental displacement. The strip i' is also provided on its rear side, near the upper end thereof, with slots k², having pins k², similar to those already described, and when the bottom is overturned to serve as a bed the strip i is removed and reversed, so that the slots k² and pins k² may engage the T shaped plates. By this arrangement the bottom is supported in a horizontal position and the upper end of said strip i' forms a foot-board.

It will be seen that, if desired, the support might consist of two legs rigid at the rear upper corners of the bottom, said legs to fit against the back when the device is used as a chair, and when the bottom is overturned said legs would be in position to support the bottom in a horizontal position without any adjusting. The legs A' are provided on their inner sides, near their upper ends, with curved slots or openings *l*, which open on the rear sides of the legs. These openings are covered by metal plates *l'*, which have openings *l''*, of the same shape as the slots or openings *l'*, but smaller, so that the edges of the plates extend beyond the sides of the openings.

K represents the back, to the side rails of which are pivoted plates *m*, having outwardly-extending threaded pins *m'*, which pins engage the openings *l*. The heads of the pins bear against the plates covering the slots of the same, and thus prevent accidental detachment. By providing these pivoted plates having the headed pins to engage the slots *l* it will be seen that when the back is overturned to form a bed, in connection with the bottom, that said pivoted plates will allow it to drop to a position on a horizontal plane with the said bottom.

The back K is upholstered on its inner side, except at the lower end thereof, which receives the back rail, D, and said back is provided with a strip, *k'*, which bears against the under side of the back rail, D. The said back is also cushioned like the bottom, and provided with spiral springs *f'*. The upper end of the back is provided with a ledge, *m''*, which, when the back is lowered, as shown in Fig. 3, is adapted to rest or bear on the strip *e* on the front side of the bottom or seat, and thus support what is the front end of the back when lowered.

Pivoted to the lower end of the back are legs N, which, when the back is lowered or overturned, as in Fig. 3, support the rear end of the same.

O represents a strip, which is connected with the lower end of the back by a flexible hinge. This strip is cushioned on its inner side and serves as a pillow.

O' represents brackets secured to the sides of the back adjacent to the lower end thereof by screws or pins *o*.

Pivoted to the sides of the strip O are arms

P, which are formed near their outer ends with recesses, to form hooks *p*, said hook being adapted to engage the screws or pins *o*, from which it will be seen that the degree of inclination of the pillow-strip may be varied at will or closed up against the back. In this case the hooks engage the upper pins of the brackets.

Secured to the under side of the chair is a strip of fabric, *q*, which, when the seat is overturned, forms a chest.

The operation will be readily understood from the foregoing description, taken in connection with the annexed drawings. When the device is to be used as a bed, the seat portion is overturned, and the back of the same reversed and adjusted to support it in a horizontal position. The back is turned down to a horizontal position, and its rear end supported by the pivoted legs. As the back has no lateral movement it will be seen that the legs will maintain an upright position.

I claim as my invention and desire to secure by Letters Patent—

1. The combination, with one of the arm-rests, of a hinged strip having a depression, and a circular piece on top B², to engage the said depression, as set forth.

2. In a combined chair and bed, the combination, with a frame, of a pivoted or hinged seat having a strip on its front side, and a pivoted or hinged back having a strip at its upper end adapted to rest on said first-mentioned strip when the device is adjusted for use as a bed, substantially as set forth.

3. In a combined chair and bed, the combination, with a frame having slots or recesses on the inner side thereof, of a pivoted back having pivoted plates provided with outwardly-extending headed pins, substantially as set forth.

4. In a combined chair and bed, the combination, with a frame having circular recesses on its inner sides, and plates having smaller openings of the same shape fitted over said slots, a back carrying pivoted plates having outwardly-extending headed pins, and a pivoted or hinged seat, substantially as set forth.

WESLEY P. BEAN.

Witnesses:

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