

D. T. OWEN.
 DAVENPORT BED AND COUCH.
 APPLICATION FILED JAN. 24, 1910.

988,497.

Patented Apr. 4, 1911.

2 SHEETS—SHEET 1.

Fig. 1.

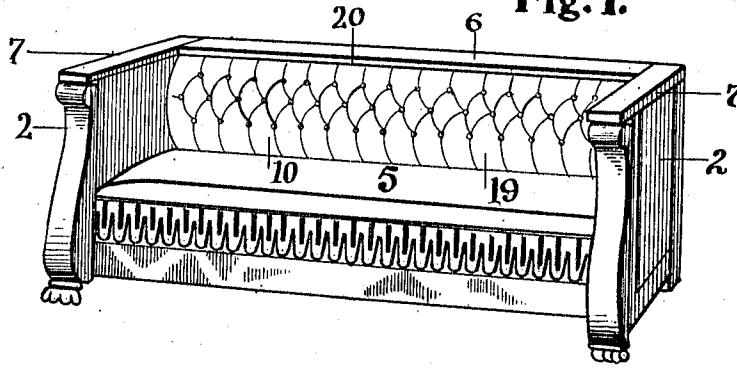
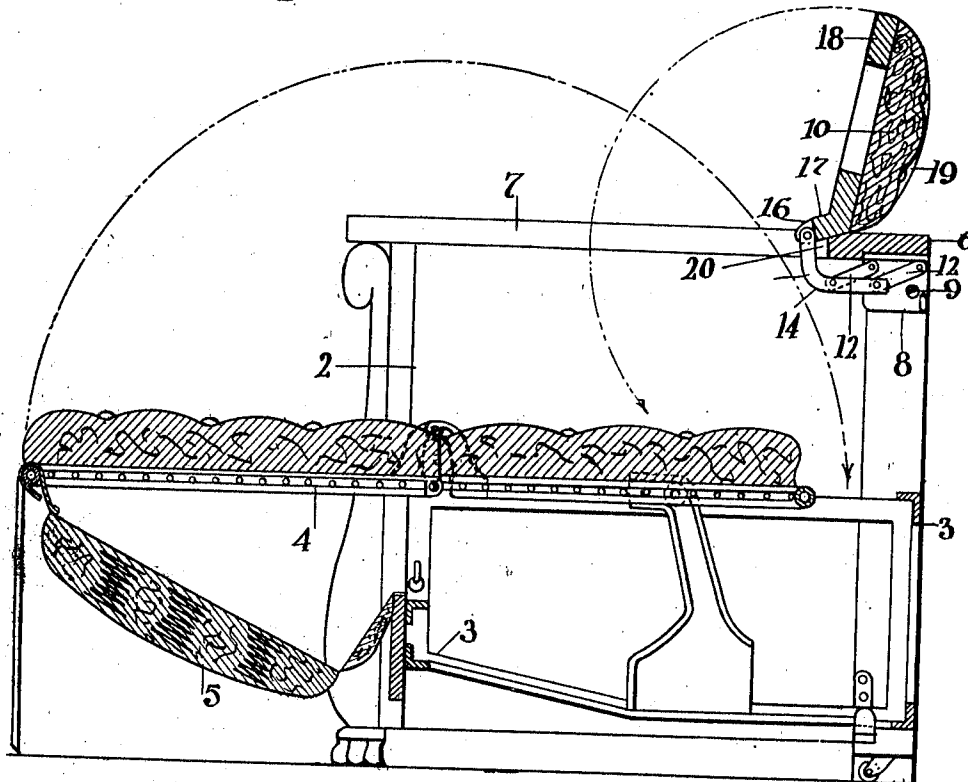


Fig. 2.



ATTEST
E. M. Fisher
J. L. Mueser

INVENTOR
David Thomas Owen
 BY *Fisher & Mueser* ATTYS.

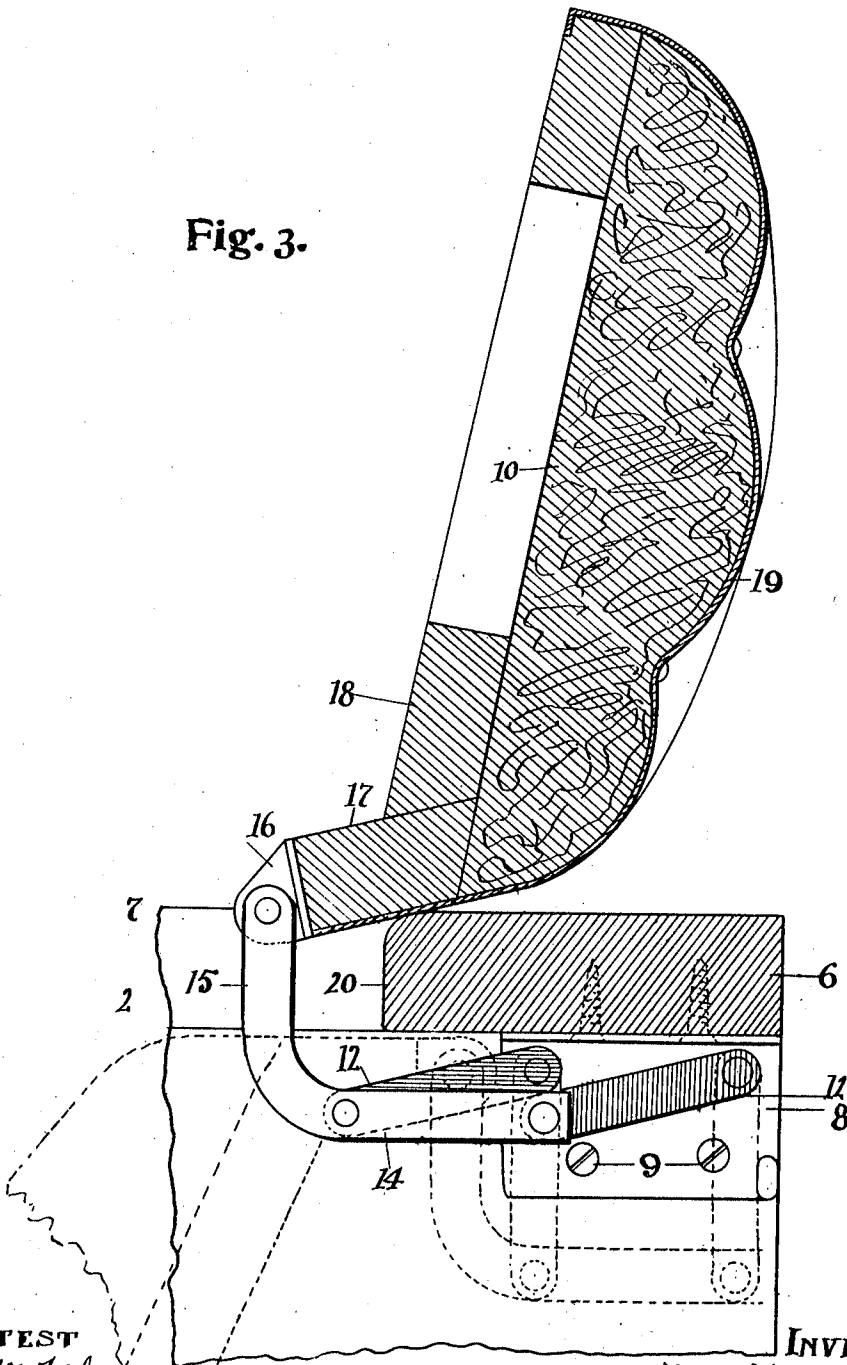
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2 SHEETS-SHEET 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

DAVID THOMAS OWEN, OF CLEVELAND, OHIO, ASSIGNOR TO THE D. T. OWEN COMPANY,
OF EAST CLEVELAND, OHIO, A CORPORATION.

DAVENPORT BED AND COUCH.

988,497.

Specification of Letters Patent.

Patented Apr. 4, 1911.

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To all whom it may concern:

Be it known that I, DAVID THOMAS OWEN, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Davenport Beds and Couches, of which the following is a specification.

My invention is an improvement in davenport beds and couches of the kind having a folding or changeable seat adapted to provide a bed in one of its positions of rest, and the improvement consists in a movable back for the couch which is adapted to be raised to a vertically inclined rest position at the rear of the couch so that the seat may be folded and unfolded and the rear of the couch be left open for ventilation when the bed is occupied.

In the accompanying drawings, Figure 1 is a perspective view of a davenport bed and couch embodying my improvement. Fig. 2 is a cross section of the couch and bed unfolded as in use as a bed. Fig. 3 is an enlarged cross section of the rear top rail with the back raised as shown in full lines and down as shown in dotted lines.

In many of the more attractive designs of davenport couches, a continuous top border rail is an essential feature. This rail not only adds to the appearance of the couch as a whole but also to the durability and strength of the couch and bed. Moreover in such desirable couches, the frame ends and back are made relatively low. These conditions render it difficult to provide a swinging or lifting back for the couch if the exact lines and proportions are to be observed and followed, especially if the back is upholstered and is easily marred or marked.

My main object therefore is to duplicate this style of davenport and provide suitable means to hinge or movably support the back thereon so that the same may occupy lowered and elevated rest positions without visible change in the construction of the couch and without causing injury to the upholstering or finish of the parts when the parts are shifted or converted from a couch to a bed or vice versa.

As shown, the couch frame comprises ends or arms 2 which support a bed frame 3 between them, also a foldable bed 4 pivotally mounted within frame 3 and covered by a

cushioned and upholstered seat 5, separate or attached thereto. These parts are not herein claimed as new, but merely represent one of many kinds of folding seat beds and more particularly such as used and already patented by me. It will also be understood that a davenport bed of this kind is knock-down and separable. Now continuing, the couch frame has a rear border rail 6 flush and even with border rails 7 on ends 2, and rail 6 is preferably detachably connected with said ends, but otherwise rigid and stationary as fixed by brackets 8 and screws 9 or their equivalent. Back 10 of the couch is supported to swing from these brackets 8 or similar brackets secured to the bottom of top rail 6. The back supporting means comprises a pair of links 12 at either end of the couch, which links are pivotally secured at their upper ends to brackets 8 and at their lower ends to a bar or bars 14 having an upwardly extending front portion 15 upon which back 10 is pivotally suspended or supported by a bracket 16 mounted on the projecting portion 17 of frame 18 of said back. The upholstering 19 is on the front of frame 18. Links 12 and bar 14 provide a shifting fulcrum or pivot support for the back which permits the edge portion 17 thereof to rest below rail 6 when the back is down and also permits said portion to rest on the top of the rail when the back is elevated, all to this advantage that a fixed and stationary border rail 6 may be employed in a davenport bed which will have a finishing front edge or face 20 of any desirable height or configuration.

In operation, when the bed is to be unfolded back 10 is grasped at its bottom edge and carried forward and upward by a sweeping movement until it rests in inverted position upon rail 6, the shifting fulcrum support 14 serving to carry the back forwardly and upwardly around the front edge of rail 6. If desired, a locking device may also be employed to hold the back 10 in raised positions, although its own weight when in rearwardly inclined and elevated position is sufficient to assure its permanent seating above and upon rail 6.

What I claim is:

1. In a davenport bed adapted to be folded and unfolded, a border rail having depending brackets, and a movable back hav-

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ing a shifting support suspended from said brackets adapting the back to be raised and lowered to separate rest positions.

2. A convertible bed having a folding seat and bed section and comprising detachable ends and a removable top rail, in combination with a hinged couch back having a shifting fulcrum support mounted upon the said top rail and removable therewith.

3. A convertible bed of the davenport type having a folding and unfolding seat section and a fixed border rail at its top and rear, and a seat back having hinged connections secured to the bottom of said rail adapting said seat back to be bodily raised above the top of said rail into an inclined rest position.

4. A davenport bed having a folding seat section and a couch frame having a detachable border rail, in combination with a movable seat back provided with a shifting fulcrum mounted upon the bottom of said rail whereby said back may be raised and lowered above and below said rail.

5. A convertible bed and couch comprising a couch frame having a border rail, a folding seat and bed section mounted within said frame, and a couch back having a

swinging support and hinged connections adapting said back to move forwardly and swung upwardly to rest upon the top of said rail.

6. In a convertible bed and couch, a supporting frame and a folding seat and bed section therein, a rear border rail, and a hinged seat back having a shifting support comprising parallel links and a pivot connection for the back suspended by said links and adapting said back to be rotatably reversed into position upon the top of said rail.

7. A davenport bed having a foldable seat and bed section, a movable back adapted to be raised and lowered into different rest positions having a shifting support comprising links and a right angled bar connected therewith having an upwardly extending front portion and pivot connection with said back.

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

DAVID THOMAS OWEN.

Witnesses:

H. H. MASTEN, JR.,
E. L. BALDWIN.