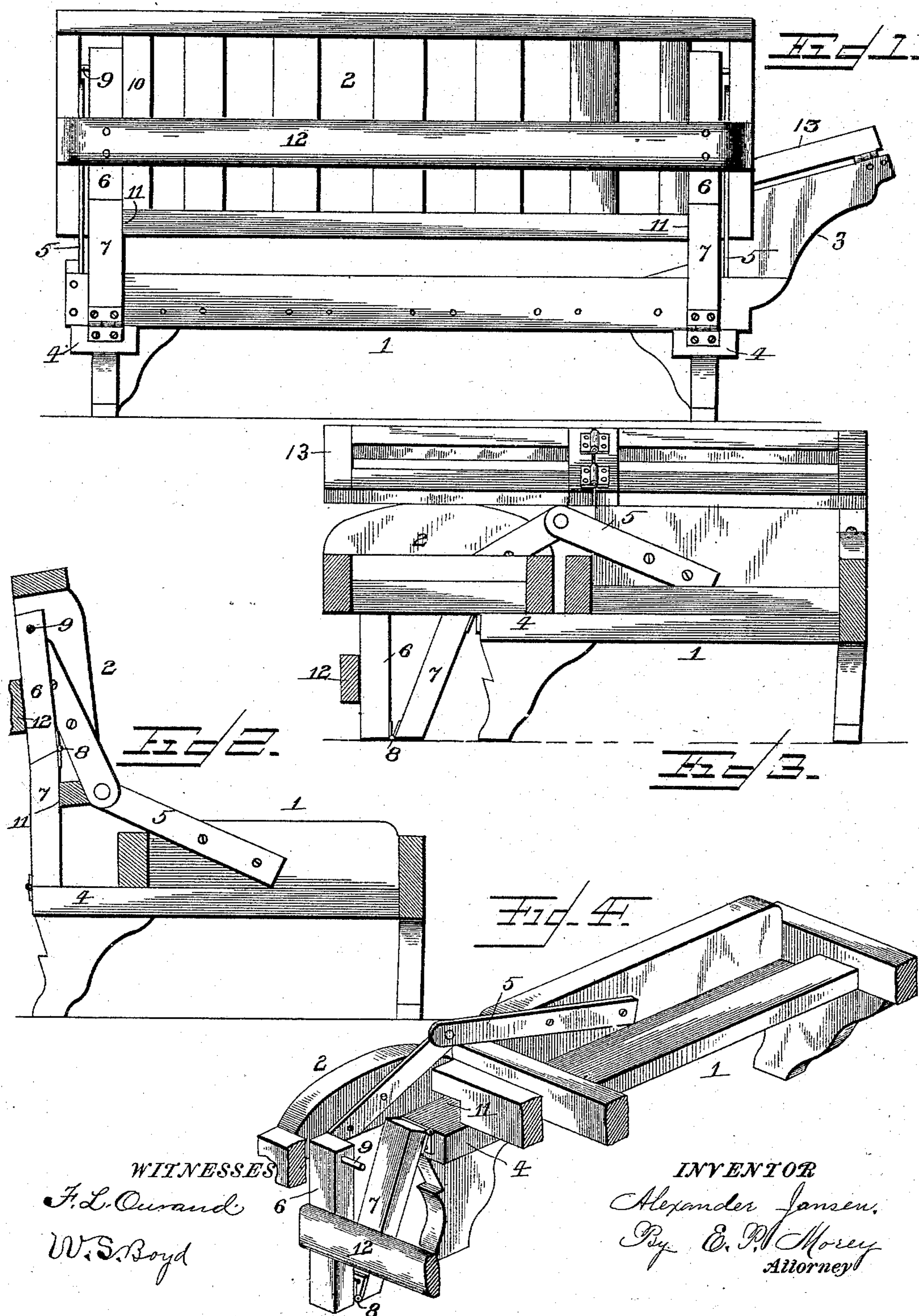


(No Model.)

A. JANSEN.
LOUNGE.

No. 489,958.

Patented Jan. 17, 1893.



WITNESSES

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ALEXANDER JANSEN, OF SAN FRANCISCO, CALIFORNIA.

LOUNGE.

SPECIFICATION forming part of Letters Patent No. 489,958, dated January 17, 1893.

Application filed May 17, 1892. Serial No. 433,336. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER JANSEN, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Lounges; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to lounges and more particularly to that class known as folding or bed lounges, and it has for its object to provide such a lounge with a support for the back in its two positions as will be strong, durable and efficient, and it consists in the construction and combinations of parts of the same as will be hereinafter more particularly set forth.

In the accompanying drawings in which the same reference numerals indicate corresponding parts in each of the views: Figure 1 is a rear view of a lounge embodying my invention. Fig. 2 is a transverse vertical sectional view of the same taken through the support at one end. Fig. 3 is a similar view with the back down in its horizontal position for making a bed. and Fig. 4, is a broken perspective view.

Referring more particularly to the drawings, 1 indicates the seat, 2 the back and 3 the head of the lounge, all of which may be made in any general form of construction and be upholstered to suit the fancy. The seat portion of the lounge is provided with a rear extension which is preferably formed by means of two or more slats 4 secured to the bottom, preferably at the ends, and extended back the desired distance. The back is pivotally secured to the seat by means of two hinges 5, 5, one at each end. These hinges are preferably secured to the end pieces of the frame of the seat and back upon the inside so that they are substantially hidden by the upholstering and the joint is so arranged that when the back is turned down its lower edge will swing in under the joint to a certain extent and will rest upon the extension from the seat, and at the same time the joint of

the hinge will not project so high above the end pieces of the seat and back as to be objectionable.

The support for the back in its two positions consists of two parts each, 6 and 7, which are joined together by means of a hinge 8. The ends of the pieces where they are joined together are inclined so that when in their vertical position they will form a lock joint and when in their folded position for letting the back lie horizontally to form a bed, they will rest firmly on the floor, as shown in Fig. 3. The upper end of the upper part is secured to the back in any suitable manner, preferably by means of a bolt 9 which is passed through the end of the frame, through the end of the leg and into or through an extra end piece 10 upon the inner side of the leg. The distance between the joint of the leg to this bolt is such that when the back is turned down the jointed end of the leg will just rest firmly upon the floor. The bottom or lower end of the other part of the leg rests upon the top of the extension from the seat, and is pivotally secured thereto by means of a T hinge, one leaf of which is secured to the end of the extension and the other leaf is secured to the rear surface of the leg which is just even with the rear end of the extension. This shape of the lower portion of the leg, and manner of securing it in place, secures a very firm support for the back when in its vertical position, and also causes it to act as a diagonal brace for the upper part of the leg when the back is down horizontal, the inclined end of it at the joint permitting it to rest firmly upon the floor, it being of just sufficient length to reach from the end of the extension to the lower end of the upper part of the leg when supporting the back in that position. When the back is in its vertical position the legs are entirely concealed by fitting within the recess formed by the two end pieces of the frame, and by having the lower rail of the frame cut away at each end, as at 11, just deep enough to permit the legs to enter and have their rear surfaces even with the rear surface of the back. The legs are connected with each other by means of a bar of wood which is firmly secured to the upper portion of each leg by means of glue, screws or other means. The inner surface of this bar, when

the back is in its vertical position, will fit snugly against the back and will scarcely be noticeable. When it is desired to change the position of the back, the bar can be grasped
 5 at any point and drawn away from the back which will cause the legs to be drawn out of their recesses and fold upon themselves, which of course will permit of the back being lowered into its horizontal position. When it is
 10 desired to raise the back, it can be lifted up at either end, or from any other portion, and as soon as it reaches its vertical position the legs will enter their recesses, and owing to the inclination of their ends, will lock the
 15 legs against accidental breaking of the joint and letting the back fall. This locking of the legs is also assisted by the location of the hinges or pivots upon which the parts move. The lower hinge is at the rear of the leg and
 20 the upper one is between the front and rear surfaces, while the middle one is upon the front surface of the leg. This throws the front hinge forward of a line drawn between the top and bottom hinges, which will cause
 25 the parts to slightly bind when the hinge is brought into the line between the top and bottom hinges.

The head of the lounge is provided with an extension 13 which is hinged thereto and is
 30 adapted to be folded backward over the end of the back when it is lying in its horizontal position. By making the end piece of the back high enough, the lower edge of this extension can rest upon it and be supported
 35 without any other support or attachment.

As above described, it is evident that my improved lounge is neat, strong and durable. None of the parts are liable to be lost or easily broken and the back can be changed from one
 40 position to another very easily and quickly, and is securely held in either position. When in its horizontal position, the lounge can be moved over the floor without any danger of any of the parts dropping out of place or being broken for the want of sufficient support
 45 or bracing. And as it is impossible to break the joint of the legs and let the back down without moving the bar away from the back,

when it is desired to ship the lounge, all that is necessary to prevent the legs from bending, is to drive a nail through the bar into
 50 the back. This will prevent the bar from being drawn out, and consequently the legs must maintain their vertical position within the recesses and the back be as firmly secured in
 55 its vertical position as though it could not be made to assume any other position. When the nail is withdrawn, the legs are as easily operated as ever and the lounge is ready for
 60 use, either as a seat or as a bed.

Having thus described my invention, I claim:

1. In a lounge, the combination with the seat provided with a rear extension, of a folding back, and a drop leg at each end, the lower
 65 end of each of which legs rests upon the top of the extension and is secured thereto by means of a hinge, one leaf of which is secured to the end of the extension and the other leaf is secured to the rear surface of the leg, and
 70 the upper end of the leg is secured to the back, each leg being also provided with an inclined joint, whereby a lock is formed when the back is in a vertical position, and the hinged ends of the two parts will rest squarely
 75 upon the floor when the back is in a horizontal position substantially as set forth.

2. In a lounge, the combination with the seat provided with a rear extension, of a folding back, each end of which is provided with
 80 an extra end piece and the lower rail is recessed whereby a recess is formed in the ends of the back, a jointed drop leg pivotally secured within the recess and to the extension of the seat, the rear surface of each leg being
 85 even with the back surface of the back when in said recesses, and a bar, secured at its ends to the legs and resting against the back, substantially as set forth.

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

ALEXANDER JANSEN.

Witnesses:

J. H. HENDERSON,
 E. P. TOBIN.