J. O. GALLUP.

FOLDABLE ARM CHAIR.

APPLICATION FILED FEB. 20, 1915.

1,162,598.

Patented Nov. 30, 1915.

2 SHEETS—SHEET 1.

Fig. 1.

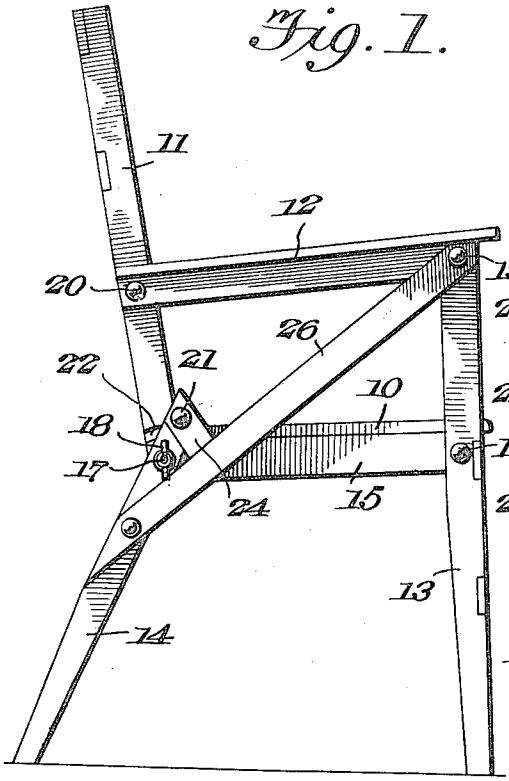
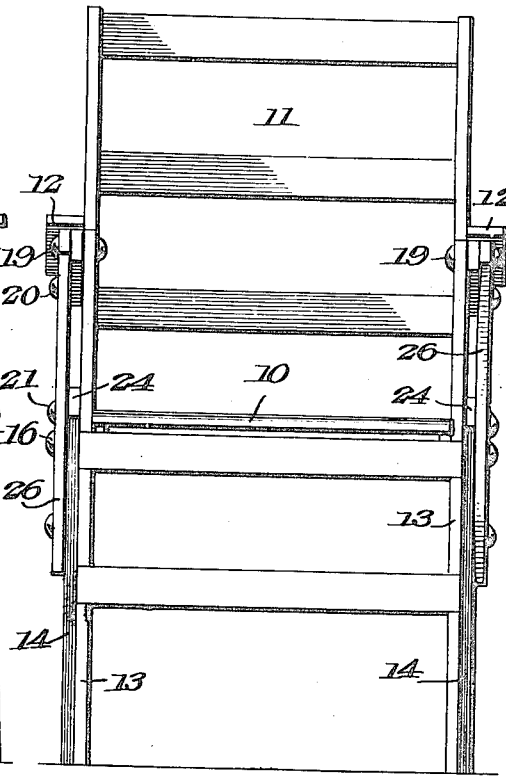


Fig. 2.



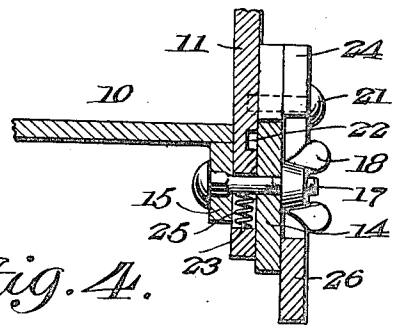


Fig. 4.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

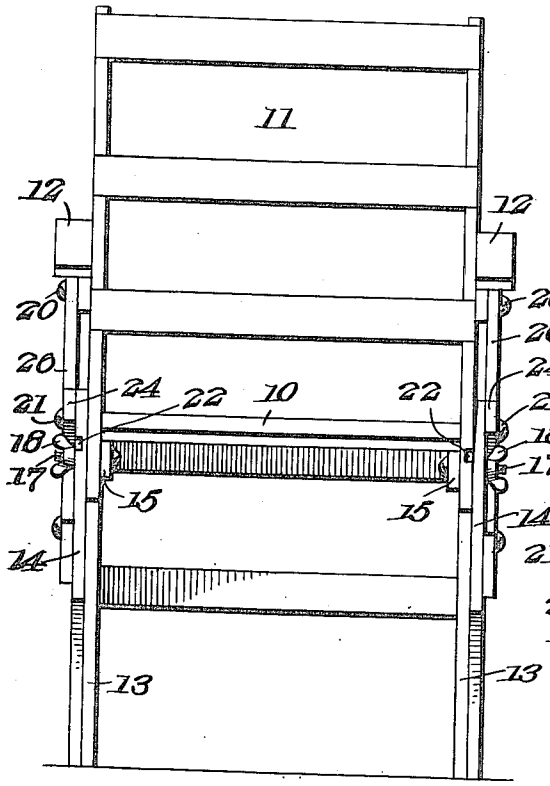


Fig. 5.

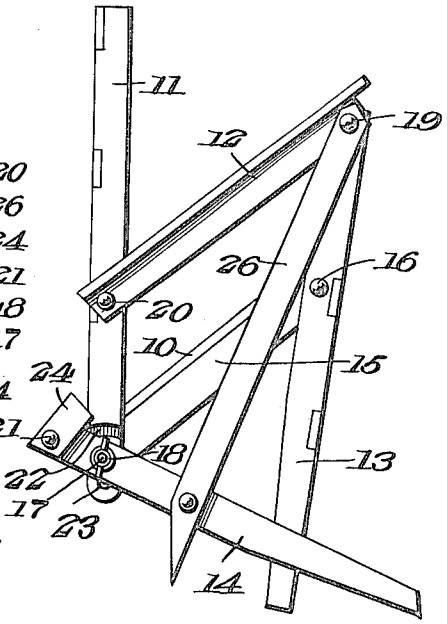
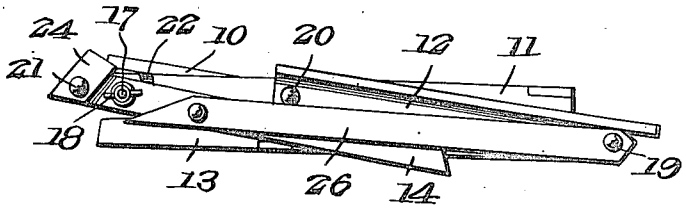


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

JESTIN O. GALLUP, OF JANESVILLE, WISCONSIN.

FOLDABLE ARM-CHAIR.

1,162,598. Specification of Letters Patent. Patented Nov. 30, 1915.

Application filed February 20, 1915. Serial No. 9,666.

To all whom it may concern:

Be it known that I, JESTIN O. GALLUP, a citizen of the United States, residing at Janesville, in the county of Rock and State of Wisconsin, have invented new and useful Improvements in Foldable Arm-Chairs, of which the following is a specification.

The invention relates to chairs, and more particularly to the class of foldable arm chairs, settees or the like furniture.

The primary object of the invention is the provision of a chair, settee, or the like, of this character wherein the same can be readily and easily folded into compact form when not in use, and when unfolded for use will be firm and rigid without the possibility of the accidental folding thereof.

Another object of the invention is the provision of a chair, settee, or the like, wherein the construction thereof is novel in form to assure the quick and easy folding and unfolding of the same.

A further object of the invention is the provision of a chair of this character which is simple in construction, strong, durable, reliable and efficient in its purpose, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination and arrangement of parts as will be hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereunto appended.

In the drawings: Figure 1 is a side elevation of a chair constructed in accordance with the invention. Fig. 2 is a front elevation thereof. Fig. 3 is a rear elevation. Fig. 4 is a fragmentary sectional view through one of the legs of the chair. Fig. 5 is a side elevation of the chair partly folded. Fig. 6 is a side elevation of the chair folded.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings in detail, the chair comprises a seat section 10, back section 11, arms 12, and the respective front and rear legs 13 and 14, the seat section being provided at opposite side edges with rails 15 which are fixed to the under face thereof, and passed through these rails are the pivot bolts 16 and 17, respectively, which are also passed through the legs 13 and 14 for swingingly connecting the same to the seat section, the bolts 17 being adjustably fitted with winged nuts 18 which are designed to fasten the back section 11 in position.

The front legs 13 are of considerably greater length than the rear legs 14 and are connected to the arms 12 through the medium of pivot bolts 19, which arms are connected to the back section 11 through the medium of pivot bolts 20, while the said back section 11 is swingingly and slidably connected to the bolts 17 connecting the rear legs to the seat section.

Mounted in the rear legs 14 are stop bolts or pins 21 which are adapted to travel through arcuate shaped grooves 22 formed in opposite sides of the back section 11, and these bolts or pins 21, when the chair is unfolded, engage the foremost edges of the sides of the back section 11, and each of these side members of the said back section is provided with an elongated slot 23 for receiving the pivot bolt 17 connecting the rear legs to the seat section so that the back section 11 can be shifted to a limited degree for displacing the path of the groove 22 in each side member thereof from the stop pin 21, and in this manner locking the chair in unfolded position.

Fixed to the upper ends of the rear legs 14 are angularly disposed bearing blocks 24 which when the chair is being unfolded come in contact with and at right angles to the braces hereinafter described, and thereby stops further unfolding movement of the chair. These blocks 24 serve as supports to the legs 14 and the back 11 of the chair. Arranged within each slot 23 is a coiled compression spring 25 which acts directly upon each pivot bolt 17 connecting the rear legs to the seat section, and in this manner the back section will be held in locking position when the chair is unfolded, and upon the tightening of the winged nut 18 the back section can be made fast so as to prevent any possibility of the unfolding of the chair. On the loosening of the winged nuts 18 and pulling upwardly upon the back section 11 the grooves 22 will be brought into registration with the pins 21, and when in this position the chair can be readily folded.

Pivotally connected to the rear legs 14 and also connected to the pivot bolts 19 connecting the front legs 13 with the arms 12, are braces 26, so that on unlocking the rear legs 14 from the back section 11 and swinging the same forwardly and inwardly the chair will become automatically folded, the

braces 26 serving to fold the chair arms 12 and the front legs 13 in a manner as shown in Figs. 5 and 6 of the drawing.

From the foregoing description, taken in connection with the accompanying drawings, the construction and manner of operation of the device will be clearly understood, and therefore a more extended explanation has been omitted.

What is claimed is:—

1. A foldable chair comprising a seat section, a back section, arms pivotally connected to the back section, legs, pivots connecting the legs to the seat section and also connecting the back section to said seat section, braces pivoted to the rearmost legs and also connected at the pivot points between the foremost legs and the arms, the said back section being formed with slots receiving the pivots connecting it to the seat section to permit limited displacement thereof, the said back section being formed with grooves spaced from the said slots, and locking pins engaged in the rearmost legs and movable through the grooves to engage the back section on displacing the same to lock the chair unfolded.

2. A foldable chair comprising a seat section, a back section, arms pivotally connected to the back section, legs, pivots connecting the legs to the seat section and also connecting the back section to said seat section, braces pivoted to the rearmost legs and also connected at the pivot points between the foremost legs and the arms, the said back section being formed with slots receiving the pivots connecting it to the seat section to permit limited displacement thereof, the said back section being formed with grooves spaced from the said slots, locking pins engaged in the rearmost legs and movable through the grooves to engage the back section on displacing the same to lock the chair unfolded, and compression springs arranged in the slots in the back section and working against the pivots connecting the said back section with the seat section.

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

JESTIN O. GALLUP.

Witnesses:
MARGARET C. SMITH,
ARTHUR M. FISHER.