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L. WAWRUNEK

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COLLAPSIBLE RECLINING CHAIR

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Fig. 1

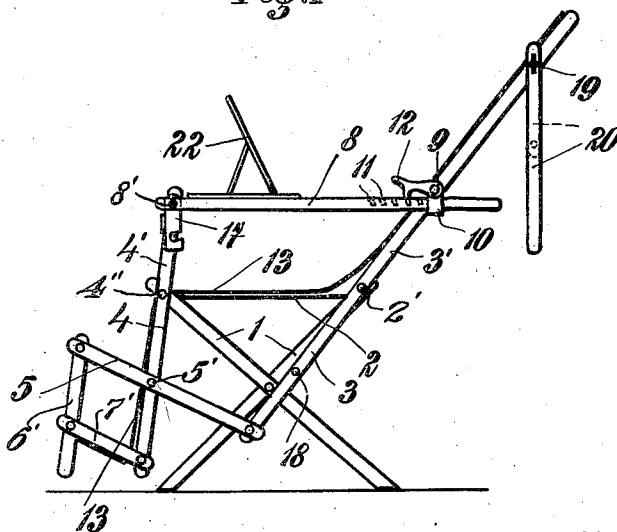


Fig. 2

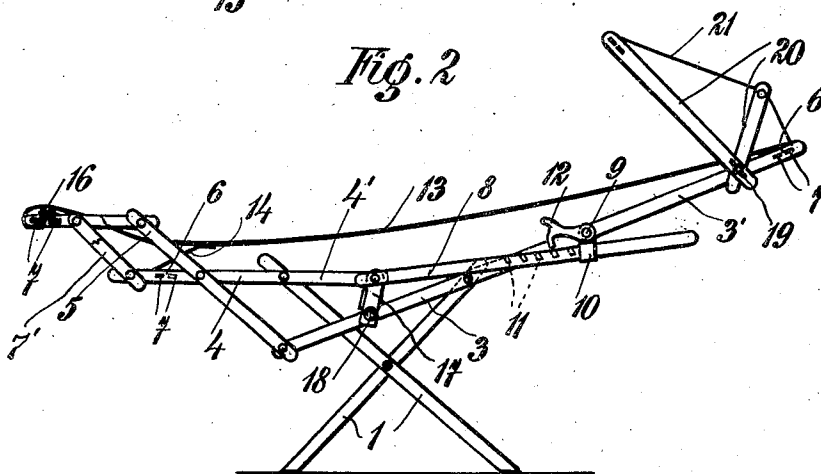
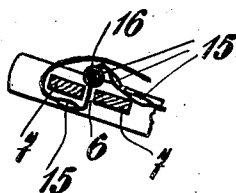


Fig. 3



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COLLAPSIBLE RECLINING CHAIR

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The present invention relates to improvements in chairs, and more particularly it pertains to chairs of the folding type.

It is an object of the present invention to provide a folding chair which may be adjusted to various positions to suit the occupant thereof.

It is a further object of the invention to provide a sunshade for the chair which may or may not be adjusted to position as desired.

A still further object of the invention resides in a novel construction of chair bottom which may be adjusted to fit the chair properly, regardless of variations in the length of the chair bottom.

One embodiment of the invention is illustrated in the accompanying drawings, wherein,

Fig. 1 illustrates a chair constructed in accordance with the present invention, the chair being adjusted for use as an arm chair,

Fig. 2 is a view in side elevation of the chair adjusted for use as a reclining chair, and

Fig. 3 is a detailed sectional view on an enlarged scale.

A chair constructed in accordance with the present invention includes a supporting base of the ordinary so-called camp stool type which comprises two pairs of pivotally connected leg members 1 connected by cross pieces at their upper ends, and to which is secured a fabric seat 2 which limits the pivotal movement in one direction, of the legs 1.

Pivotally mounted as at 2', on the supporting base, there are two back members, each of which is so mounted that a portion thereof such as 3 extends below the pivotal point 2', and a portion 3' extends above said pivotal point. Pivotally mounted as at 4'' on the supporting base, there are two members, and the pivotal point is so arranged, that each member has a portion 4 below the pivotal point 4'', and a portion 4' above said pivotal point. Connecting the lower end of each back member with its respective front member, there is a link 5, the front

members being pivotally connected to their respective link member at a point such as 5' intermediate the ends thereof. Connected to the free outer ends of each of the links 5, there is a link 6', and each of these links 6' is connected to its respective front piece by a link 7', the forward ends of the links 7' being connected to the links 6' at a point above the lower end thereof. The links 6' are connected together by two transversely extending bars 7, spaced as at 6 in Figure 3, for a purpose to be hereinafter described, and the upper ends of the back members are connected by two similar bars 7 as illustrated in Figure 2.

Arm members 8 are provided, and they are pivotally connected as at 8' to the upper end of their respective front piece, and mounted upon each of these pivotal points, there is a hooked catch member 17. The rear end of each arm 8 slides in a guide sleeve 10, and is provided with a plurality of recesses or the like 11, which are adapted to receive a hooked pawl or the like 12, carried by each guide sleeve 10, and pivotally mounted thereon as at 9.

The chair bottom consists of a strip 13 of suitable fabric such as canvas or like material, and said strip has at each of its ends a plurality of pockets or the like 15 for the reception of transversely extending rods or bars 16 which are positioned in the pockets behind the bars 7 as illustrated in Figure 3, to retain the bottom in position in the chair frame. By a selection of the pocket in which the transversely extending bars are placed, the length of the chair bottom may be varied as desired, or as necessary, due to stretching or shrinking thereof. A piece of fabric 14 may be secured to the under face of the chair bottom along one of its edges, its other edge being formed with a pocket for the reception of a transversely extending rod or bar such as 16, adapted to be received behind spaced bars 7 connecting the lower ends of the front members 4.

When the frame is adjusted as illustrated in Figure 1, it serves as an arm chair, and in this position, a book rest or similar device such as 22 may be employed. It will be un-

derstood that the chair is retained in this position by engagement of the hooked pawls with the proper recesses 11.

When it is desired to adjust the chair to reclining position in which it is shown in Figure 2, the hooked pawls 12 are disengaged with the recesses 11 in the arm members 8, after which the back members are rocked about their pivotal points 2'. This operation, through the medium of the several links and pivotal connections, causes the arms 8 to slide through their respective guide sleeves 10, and permits the front members and arm members to assume positions in approximate alignment as shown in Figure 2. During this movement, the lower ends of the back members, and the pivotal connections of the arms and front members move towards each other until the catch members 17 may be engaged with pins or similar projections 18 carried by the lower ends of the back members. If now the hooked pawls be engaged with the proper notches, the chair frame will be retained in the reclining position in which it is illustrated in Figure 2.

A sunshade may be provided, if desired, and it may consist of a piece of fabric 21 suitably secured to the upper ends of the back members, and to cross-bars carried by props 20 pivotally mounted on the back members by bolts or the like and upon which they may be adjustably secured by wing nuts or the like 19.

From the foregoing, it will be apparent that the present invention provides a chair which may be used as an arm chair, or a reclining chair, and that the same will be rigid and firm in any of its adjusted positions.

Having thus described the invention, what is claimed is:

1. A chair of the class described comprising a camp stool, back members pivotally mounted on said camp stool, front members pivotally mounted on said camp stool, arm rests connecting said back and front members and pivotally connected to the front members, links pivotally connected to the back members and the front members whereby the back members, front members and arm rests move simultaneously to different positions, and means carried by the back members and adapted for engagement with the arm rests to prevent relative movement of the back members, front members and arm rests to retain the chair in adjusted positions.

2. A chair of the class described, comprising a camp stool, back members pivotally attached to said camp stool, front members pivotally attached to said camp stool, arm members connecting said back and front members, means for securing said back and said front members against relative movement to provide an arm chair, means carried

by the front members and the arm members, and adapted to engage and support the lower ends of the back members to prevent relative movement of the several members to provide a reclining chair, and a bottom for the chair, said bottom being attached to the back members and the front members.

In testimony whereof I affix my signature.
LEOPOLD WAWRUNEK.