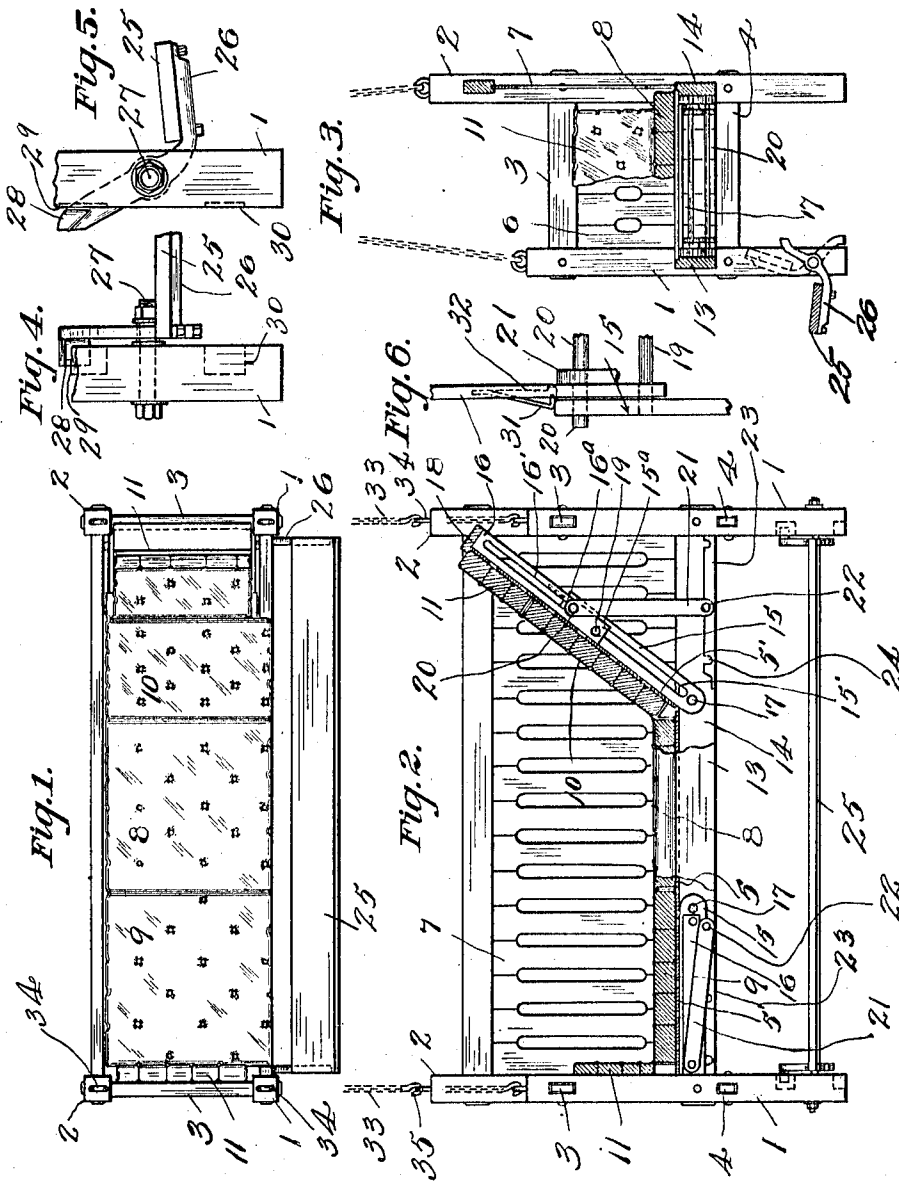


A. H. KLESA.
 PORCH SWING AND THE LIKE.
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1,026,212.

Patented May 14, 1912.



WITNESSES

H. D. Kline
E. A. Jordan.

INVENTOR

ALBERT HERMAN KLESA.

By Thomas H. Hume
Attorney.

UNITED STATES PATENT OFFICE.

ALBERT H. KLESA, OF WILKINSBURG, PENNSYLVANIA.

PORCH-SWING AND THE LIKE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALBERT H. KLESA, a citizen of the United States, residing at Wilkinsburg, R. F. D. No. 1, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Porch-Swings and the Like, of which the following is a specification.

The present invention relates to improvements in porch swings or hall chairs, and is designed to provide an article of furniture of this character possessing meritorious features for the comfort and convenience of the occupant.

The object of the invention is the provision of an article of furniture which may be used as a porch swing, a settee, or converted for use as a so-called Morris chair.

The invention consists in certain novel features of construction and combinations and arrangements of parts, in the seat portion of the chair, as will be clearly pointed out in the appended claims.

In the accompanying drawings I have illustrated one example of the physical embodiment of my invention, constructed according to the best mode I have so far devised for the practical application of the principles.

Figure 1 is a plan view of a porch swing embodying the invention. Fig. 2 is a front elevation, showing the seat portion in section, with one part of the seat and side cushions converted for use as a back rest. Fig. 3 is a vertical transverse sectional view of Fig. 2. Fig. 4 is a fragmentary view in front elevation of a leg of the settee, enlarged to show the support for the foot rest and Fig. 5 is a view of Fig. 4 as seen from the left looking toward the right. Fig. 6 is a detail view of the connection between the supporting extensible bars of the seat.

In the drawings I have illustrated my invention adapted to the standard style of porch swing, the settee comprising the usual front corner posts 1, 1; the back corner posts 2, 2, of greater height than the front posts; the pairs of upper and lower end bars 3, 3, and 4, 4, respectively; the bottom slats 5; the end inclosing slats 6; and the rear or back slats 7. These enumerated parts being of approved and usual construction, are not claimed *per se* herein.

The novelty of my improved article of furniture resides in the following construction. The settee is equipped with a sec-

tional, foldable seat or cushion, which comprises the jointed seat portions 8, 9, and 10, and the end sections, which are normally upright, as indicated at 11, 11. These sections are jointed together, as at 12 in any well known or approved manner for jointing upholstery, and are directly supported upon the slats 5 and 6.

The slats 5 at the center of the settee are immovably attached to the front and rear bars 13 and 14, respectively, but the slat sections 5' 5' are supported upon the pairs of complementary extensible bars 15 and 16. These bars 15 and 16 are arranged in oppositely disposed pairs at each end of the settee, the bars 15 being pivoted to the front and rear bars 13 and 14 by a common pintle 17, and the bars 16 being connected by the end frame bar 18. These bars 15 and 16 are provided with alined slots 15' and 16', which at their adjacent ends terminate in offsets or recesses 15^a and 16^a respectively. The adjoining ends of the bars 15 and 16 overlap each other and the bars are arranged with slidable relation to each other. The bars are connected by a transversely arranged rod 19 which is fixed in the ends of the pairs of bars 16 and has its ends protruding through the slots 15' of the bars 15, and are slidable in said slots. A second transversely disposed rod 20 is arranged between the two arms 21, and the lower ends of these arms are joined by the rod 22. The upper rod 20 is pivoted in the free end of the bar 15 and extends through the slots 16' of the bars 16. The rod 20, arms 21 and rod 22 thus form a frame which is pivoted to the bar 15, the rod 20 being movable in the slot 16'. By means of this pivoted frame the section 10 of the seat and an end cushion 11 may be supported in an inclined position, as in Fig. 2, by means of the pair of cleats 23 secured to the front and rear bars of the settee. These cleats are provided with notches or recesses 24 in which the rod 22 may rest. By the use of this construction the extensible bars 15 and 16 may be extended to any of four desired positions, and supported in any of the three notches 24 as will be understood, or the bar 18 may rest on the end bar 3 of the settee.

In connection with the settee I employ a foot rest 25. This rest is pivoted, by means of the supporting brackets 26 and bolts 27, near the lower ends of the front posts 1. The foot rest may be folded back as shown

in dotted lines Fig. 3 when not in use, and to prevent the foot rest from swinging forwardly and downwardly out of place, I provide integral lugs 28 on the bracket arms 26, which lugs are adapted to contact with metal plates 29 when the foot rest is in use, and with similar plates 30, when the rest is out of use.

From an inspection of Fig. 2 it will be observed that when the seat cushions are arranged in position for reclining the pivoted frame directly supports the slotted bars 15, but the upper bars 16 are also directly supported upon the bars 15 by means of the spring catch 31 which is attached to the bar 16. When the limit of movement of the two slide bars 15 and 16 has been reached, this spring, which previously has been confined within a recess 32 in the bar 16, is released and springs out into position shown in Fig. 6, where it acts as a stop to prevent the falling of the bars 16.

When the settee is to be used as a porch swing, the chains 33 are employed, and hooked to the eye-bolts 34 by means of the hooks 35, and the upper ends of the chains are affixed to a support in usual manner.

From the above description taken in connection with the drawings it is evident that I have produced an article of furniture which possesses the requisite meritorious features to produce a comfortable seat, a reclining chair, and which may be converted for other desirable uses.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. The combination with a sectional seat, of a pair of pivoted bars having slots and a connecting cross rod therein, a supporting frame having a cross rod pivoted in the free ends of said bars, an extensible frame comprising bars attached to the first cross rod and formed with slots to accommodate the second cross rod, and means for holding said extensible frame in extended position.

2. The combination in a porch swing having a sectional jointed seat portion, of a

pair of pivoted bars having slots and a connecting cross rod therein, an extensible frame comprising bars attached to the said cross rod and formed with slots, a supporting frame having a connecting cross rod located in the slots of the extensible frame and pivoted in the first pair of bars, and means for holding the supporting frame in adjusted position.

3. The combination in a porch swing having a sectional jointed seat portion, of a pair of pivoted bars having slots and a connecting cross rod therein, an extensible frame comprising bars attached to said cross rod and formed with slots, a supporting frame having a connecting cross rod located in the slots of the extensible frame and pivoted in the first pair of bars, a pair of oppositely disposed recessed cleats, and a rod in the supporting frame adapted for support in said cleats.

4. The combination in a porch swing of a pair of oppositely disposed pivoted bars having slots and a cross rod in said slots, an extensible frame comprising a pair of bars attached to said cross rod and provided with an end bar, means for holding said frame in extended position, and means for supporting the parts.

5. The combination with a pair of oppositely disposed pivoted bars having slots and a cross rod in said slots, of an extensible frame comprising a pair of bars attached to said cross rod and formed with slots, and an end bar, a supporting frame comprising side bars and a connecting cross bar, the latter pivoted in the free ends of the pivoted bars and retained in the slots of the extensible frame, a pair of recessed cleats, and a second cross rod in the supporting frame adapted to seat in said recessed cleats.

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

ALBERT H. KLESA.

Witnesses:

R. B. WHITING,

W. A. HIRTLE.