March 14, 1939. A. P. DE SANNO, JR 2,150,429

CHAIR

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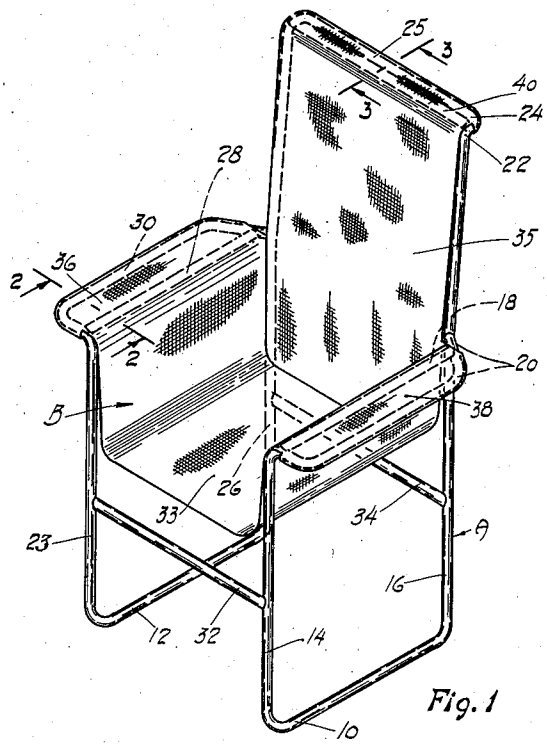


Fig. 1

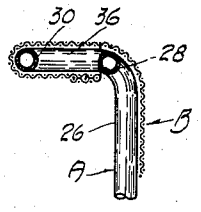


Fig. 2

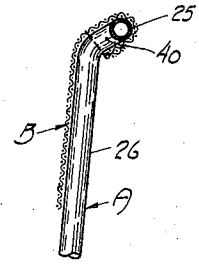


Fig. 3

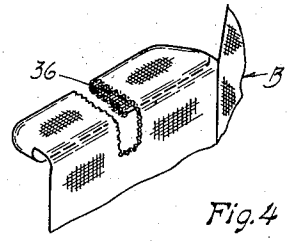


Fig. 4

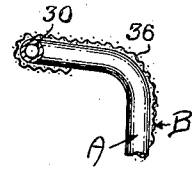


Fig. 5

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CHAIR

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3 Claims. (Cl. 155—187)

My invention relates to a chair and relates particularly to a detachable fabric seat for a chair.

Heretofore, chairs have been made so they have a flexible fabric attached to the chair framework, but the framework usually is arranged so that it directly bears the weight of the occupant.

Lawn and deck chairs have been made so they are foldable; hence, the entire chair may be carried from one place to another, but in the event of rain, the entire chair is usually exposed to the elements. To carry the entire chair indoors in order to prevent it from becoming wet is both inconvenient and at times difficult, therefore if the fabric covering alone could be removed a saving in convenience and patience would be effected. Heretofore, detachable covers for chairs wherein the cover alone carries the chair occupant have not been commercially exploited. Invariably, the suggested prior art devices have been of such complex construction that a very long period of time must be expended in attaching or detaching the fabric cover to the framework of the chair.

It is an object of my invention to provide a chair with an easily detachable combined fabric seat and back.

It is another object of my invention to provide a fabric which is supported by the chair in such manner that no part of the framework of the chair engages the seat or the back of the occupant.

It is another object of my invention to provide a detachable fabric which does not utilize any clamps or clips for holding it to the framework.

It is another object of my invention to provide an improved chair, or the like, in which the fabric, canvas, or other material forming the seat is detachable from the frame.

Another object of my invention is to provide an improved chair adapted for outdoor use which includes a suitable frame and a fabric covering or the like providing the seat and back rest constructed so as to permit an easily attached and taut covering.

Another object of my invention is that the fabric covering defining the seat and back rest are wholly suspended from the supporting frame whereby a teetering action in the chair does not permit the chair occupant from contacting the supporting frame.

Other objects of my invention are to provide an improved device of the character described of simple and economical construction and which possesses a maximum amount of serviceability.

With the above and related objects in view, my invention consists in the details of construction and combination of parts, as will be more fully understood from the following description, when read in conjunction with the accompanying drawing in which:

Fig. 1 is a perspective view of a chair having a detachable fabric covering which defines the seat and the back of the chair.

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary view of one of the fabric pockets.

Fig. 5 is a modification of an arm of my invention.

Referring in greater detail to my invention as exemplified in the drawing, a frame, generally designated as A, for a chair which is more particularly adapted for use outdoors, such as in a porch, a deck, a lawn, or garden chair, has a fabric covering, generally designated as B, attached to the frame. The frame A is constructed so that there are no sharp corners, thus the covering forming the seat and back of the chair will not wrinkle or bind.

The base of the chair framework includes suitable ground engaging members 10, 12. From the ends of the ground member 10 extend vertical uprights 14 and 16, and the upright rods 14 and 16 are joined by a cross brace or side or arm member 18 the latter providing an arm rest. Within the same horizontal plane of the cross brace or arm rest 18 is an outwardly spaced cross arm 20; hence, the construction hereinbefore described provides an arm rest of two closely spaced parallel cross-arms or side members 18 and 20. However, the innermost cross-arm 18 may be omitted if it is desired to provide greater lateral space for the occupant's arm, as in those cases where the occupant does not wish to engage any portion of the frame. The rear upright 16 continues upwardly above the arm rest, and then turns rearwardly from 22, the rod continues rearwardly and then turns at right angles as at 24 to serve as the upper cross-brace of the framework.

I have hereinbefore described the right-hand side of the framework, as Fig. 1 is viewed, and I shall now describe the left-hand side of the framework which is complementary to the right-hand side of the frame. From the ends of the left-hand ground member 12 extend the vertical upright rods 23, 26 which are arranged similarly to the uprights 14, 16 respectively. Two spaced arm rests or side members 28 and 30 are ar-

ranged similarly to the left hand arm rests 18 and 20. The inside arm 28, like arm 18 may be optionally omitted or used.

A lower cross brace 32 joins the front vertical uprights 14 and 23 but the brace is located so that the occupant of the chair does not sag enough to bodily engage the brace. A lower cross brace 34 joins the rear vertical uprights 16 and 26 and is also located out of contact with the seat covering.

The fabric covering B which defines the seat 33 and the back 35 of the chair is constructed of suitable sturdy material, and is easily and rapidly attachable or detachable from the frame A. The seat also has side portions extending from the seat and back portions of the covering. The fabric has three pockets 36, 38 and 40 therein. The pockets 36 and 38 being on each side of the fabric to slip over the rods 30 and 20, respectively, and the pocket 40 slips over the upper cross member 25 (Figs. 1 and 3). Hence, an occupant of the chair may comfortably sit and lean against the back without engaging any hard or rigid members constituting the chair frame. Even if a small teetering action is established by the occupant of the chair the fulcrum points of support do not rigidly hold the fabric in position and still none of the chair framework is engaged. Thus, the chair is strong, durable and extremely comfortable to the occupant.

Each fabric pocket is formed by overlapping a portion of the fabric, at the place where the pocket is to be formed and then stitching the side edges together. With this arrangement of the pockets in the fabric, the latter may be easily slipped off or on the frame and any tension imposed upon the seat 33 or the back 35 will not result in the fabric B either slipping or wrinkling but will enable the fabric to be drawn taut.

The sewing of the overlapping portions of the fabric covering B to form retaining pockets disposes of all metallic detachable means which otherwise may rust or rip through the fabric; straps and holding tapes are likewise unnecessary in my invention. The single construction of the fabric covering and its ease of attachment and detachment makes it easy to wash and launder.

The frame A, illustrated in Fig. 1 and hereinbefore described is of tubular construction but any other suitable frame construction may be employed.

Although my invention has been described in considerable detail, such description is intended as illustrative rather than limiting, since the invention may be variously embodied, and the scope of the invention is to be determined as claimed.

I claim as my invention:

1. A chair comprising a frame, said frame consisting of spaced interconnected side members, a portion of the frame being adapted to engage the ground, a horizontally extending arm member connected to each side member at the height of an arm rest and extending laterally outwardly from said side member, a rear upright on each side member extending above the arm rest member, a cross brace connected to the upper ends of each of the rear uprights and extending rearwardly of said rear uprights, a fabric covering defining the seat and back of said chair and having side portions extending from said seat and back, and a plurality of pockets in the fabric, said pockets complementarily receiving the laterally extending arm members and the upper cross brace whereby the occupant of the chair will be swingably suspended in the lower portion of the covering, said pockets being easily and rapidly removable from the interfitting portions of the frame.

2. A chair comprising a frame having spaced connected side members, each side member comprising a ground engaging member, a front and a rear upright rod connected to the ground engaging member, a single member connected to said uprights at the height of an arm rest and extending laterally outwardly from said uprights, a cross brace connected to the upper ends of the rear uprights of both side members, said upper cross brace extending rearwardly of said rear uprights, a fabric covering defining the seat and back of said chair and having side portions extending upwardly from said seat and back, a plurality of pockets in said fabric, said pockets complementarily receiving the laterally extending members and the upper cross brace whereby the occupant of the chair will be swingably suspended in the lower portion of the covering.

3. A chair comprising a frame, said frame having a plurality of vertically extending side members arranged to form opposite side members, a horizontally extending arm member connected to each of the vertical members comprising one side member, and said arm member extending laterally outwardly from said side member at about the height of an arm rest, the rear vertically extending members extending above the arm members, a cross brace extending rearwardly and joining the upper ends of said rear members, a fabric covering defining the seat and the back of said chair, a plurality of pockets in said fabric, said pockets complementarily receiving the horizontally extending arm members and the cross brace whereby the occupant of the chair will be pivotally suspended in said covering, and said pockets being detachably suspended from the interfitting portion of the frame.

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