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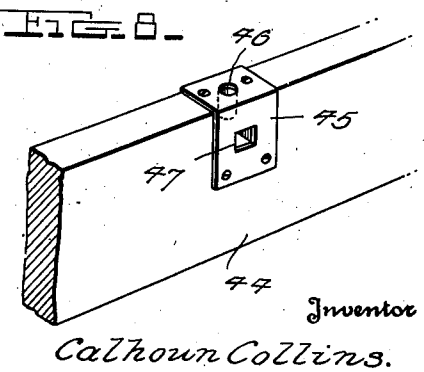
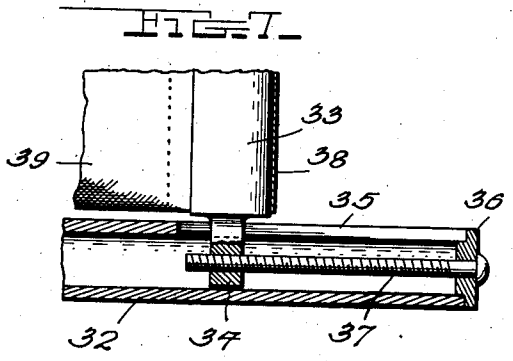
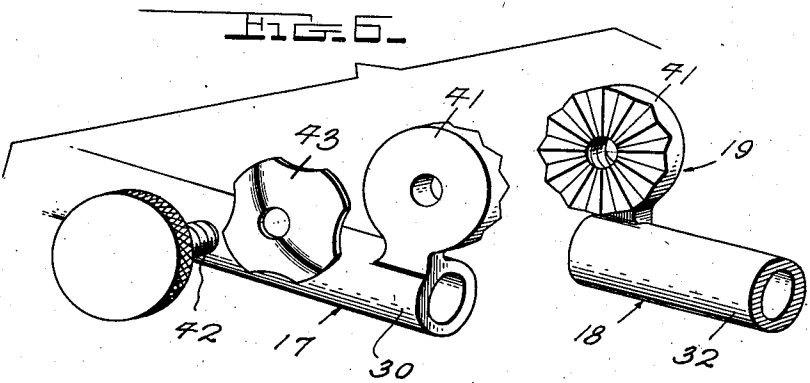
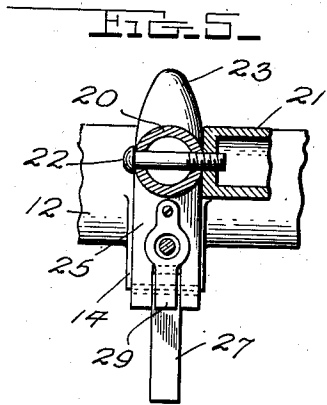
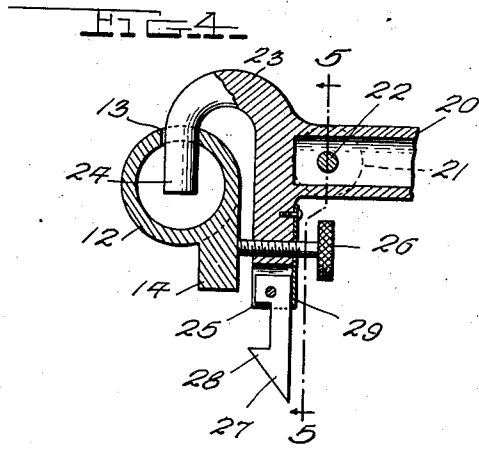
C. COLLINS

2,403,263

COMBINED LEG REST AND TABLE

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2 Sheets-Sheet 2



Inventor
Cathoun Collins.

A. Revellson & Co. Attorney

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COMBINED LEG REST AND TABLE

Calhoun Collins, Bakersfield, Calif.

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7 Claims. (Cl. 155—165)

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The invention aims primarily to provide a novel and advantageous attachment for any of various kinds of chairs, which will form a comfortable leg rest when in one position, and will constitute a convenient table over the chair seat when in another position, the invention being, therefore, well adapted to fulfill the needs of persons who, from desire or necessity, sit a great deal.

Further objects are to make novel provision for attaching the device to a chair; to provide easily operable means for holding relatively movable parts of the device in proper relation with each other whether the attachment be serving as a leg rest or a table, and to provide for removing slack from the leg-supporting web.

Figure 1 of the accompanying drawings, is a side elevation partly in section showing the invention and a portion of a chair to which it is attached.

Figure 2 is a top plan view partly in section.

Figure 3 is a side elevation partly in section showing the device in use as a table over the chair seat.

Figure 4 is an enlarged fragmentary section on line 4—4 of Fig. 2.

Figure 5 is a detail vertical section on line 5—5 of Fig. 4.

Figure 6 is a fragmentary disassembled perspective view showing one of the adjustable pivotal connections between sections of the device.

Figure 7 is an enlarged detail section on line 7—7 of Fig. 1.

Figure 8 is a fragmentary perspective view showing an attaching plate which may be provided to facilitate connection of the device with chairs other than the type shown in Figs. 1, 2 and 3.

Preferred details have been illustrated in the drawings and will be rather specifically described, with the understanding, however, that within the scope of the invention as claimed, variations may be made.

A portion of a chair 10 is shown, having a suitable seat 11 and a transverse bar 12 at the front end of said seat. This bar 12 is formed with two openings or sockets 13 and is provided with two downwardly projecting lugs 14 near said openings or sockets, thus adapting the chair for connection of the combined leg rest and table, now to be described.

The attachment includes a rectangular frame 15 which comprises an inner or rear short section 16, a somewhat longer intermediate section 17, and a still longer outer or front section 18, the three sections being hingedly connected by hinges

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19 which are constructed to permit movement of said sections into different relations with each other, and locking of said sections against undesired relative movements when adjusted.

5 The inner section 16 includes two short side bars 20 connected by a transverse bar 21 which is preferably secured to said side bars 20 by means of screws 22. The inner ends of the bars 20 are arched at 23 and provided with downwardly projecting fingers 24 receivable in the openings or sockets 13. The inner ends of the bars 20 are also provided with two downwardly projecting lugs 25 to occupy positions at the front sides of the two lugs 14, and adjusting screws 26 15 are threaded rearwardly through said lugs 25 to abut the front sides of said lugs 14. The lower end of each lug 25 carries a pivoted latch 27 which may be swung from the released downwardly projecting position of Figs. 1 and 4 to the operative position of Fig. 3, in which latter position, the bill 28 of said latch 27 hooks behind the lug 14. The screw 26 is loosened somewhat before the latch is swung to this operative position, and when the screw is then tightened, said 25 latch will be effectively held in latching engagement with the lug 14. It is preferable to secure a flat spring 29 to the lug 25, said spring being cooperable flat surfaces on with the pivoted end of the latch 27 to yieldably hold it in either of 30 the positions shown.

The intermediate section 17 of the frame 15 comprises side bars 30 connected by transverse bars 31, and the outer or front section 15 includes side bars 32 and an outer end bar 33. The bar 33 is provided with reduced extensions 34 on its ends which extend through slots 35 in the inner sides of the bars 32, the latter being tubular. Caps 36 close the outer ends of these bars 32, and screws 37 pass rotatably through these caps and 40 are threaded through the ends 34 of the bar 33. By turning the screws 37, the bar 33 may obviously be adjusted with respect to the inner end bar 21. It will also be seen that both of these bars 33 and 21 may be detached when desired. 45 This is of advantage in order that they may be inserted through hems 38 on the ends of a leg-supporting web 39, and in order that a new web may be supplied whenever necessary. This web may well be formed of canvas or the like, and its upper side is preferably suitably cushioned or upholstered as illustrated at 40. A table top or plate 32' is secured to the side bars 32 and underlies the web 39 when the device is in leg-supporting position as seen in Figs. 1 and 2. When 50 the attachment is positioned as in Fig. 3, how-

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ever, the plate or table top 32' will form an effective support for edibles or other nourishment, writing materials, books, etc.

Each of the hinges 19 preferably comprises two toothed knuckles 41, a screw 42 for clamping said knuckles together, and spring washer 43 interposed between the head of said screw and the adjacent knuckle, as seen in Fig. 6. This construction permits tight locking of the hinged joints between the sections of the device when said sections are in either leg-supporting position or table-forming position. By loosening the various screws 42 sufficiently, the sections may be swung with respect to each other and the teeth of the knuckles will be held temporarily engaged by means of the pressure exerted by the spring washers 43, until said screws are again tightened. When the various sections are extended for leg-supporting purposes as shown in Figs. 1 and 2, it is not necessary that the latches 27 be engaged with the lugs 14, but said latches are swung into engagement with said lugs 14, and the screws 26 tightened when the attachment is to be swung to table-forming position as in Fig. 3. By adjusting the screws 26 when the device is positioned as in Fig. 1, it may be tilted upwardly or downwardly with respect to the chair, as desired.

When the attachment is to be connected with a chair having a front seat bar of approximately the type shown at 44 in Fig. 8, an angular plate 45 may be secured to said bar, said plate having one opening 46 to receive the finger 24 and another opening 47 to receive the latch 27. The bar is of course recessed in communication with the openings 46 and 47 and two of the plates 45 are of course used.

From the foregoing taken in connection with the accompanying drawings, it will be seen that novel and advantageous structure has been provided for carrying out the objects of the invention, and while preferences have been disclosed, attention is again invited to the possibility of making variations within the scope of the invention as claimed.

I claim:

1. A chair having a bar at the front of its seat and formed with an upwardly open socket, said bar having a downwardly projecting lug near said socket, and an attachment having a finger hooked into said socket, said attachment having a second downwardly projecting lug at the front side of and in contact with the first mentioned lug.

2. A chair having a bar at the front of its seat and formed with an upwardly open socket, said bar having a downwardly projecting lug near said socket, an attachment having a finger hooked into said socket, said attachment having a second downwardly projecting lug at the front side of the first mentioned lug, and a latch pivoted to the lower end of said second mentioned lug and swingable rearwardly into latching engagement with the lower end of said first lug.

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3. A structure as specified in claim 2; said latch having a bill to hook behind said first mentioned lug, and a screw threaded rearwardly through said second lug to abut said first mentioned lug and draw said bill tightly against said first mentioned lug.

4. In a leg rest, a frame having tubular side bars and a fixed cross bar at one end of said side bars, a second cross bar at the other ends of said side bars, the inner sides of said side bars having longitudinal slots through which the ends of said second bar extend, caps abutting and closing said other ends of said side bars, and adjusting screws extending rotatably through said caps and threaded through said ends of said second bar, said screws having heads abutting the outer sides of said caps.

5. In an attachment for a chair having a seat with a front member provided with sockets, a frame having downwardly projecting fingers to hook into said sockets, said frame also having downwardly projecting lugs in advance of said fingers to occupy positions at the front side of the front member of the chair seat, and pivoted latches on said lugs for engagement with the front member of the chair seat.

6. In an attachment for a chair having a seat with a front member provided with sockets, a combined table and leg rest frame composed of inner, intermediate and outer sections hingedly connected for movement from a longitudinally aligned position to relatively angled positions, said inner section having downwardly projecting fingers to hook into the sockets of the front member of the chair seat and also having downwardly projecting lugs in advance of said fingers to occupy positions at the front side of the front member of the chair seat and to contact with the same to support said inner section in a substantially horizontal position, pivoted latches on said lugs to engage said front member of the chair seat to retain said fingers in said sockets of said front member, and means for locking the hinge connections between said three sections of the frame, whereby when the intermediate section is positioned vertically and the outer section is positioned horizontally, the latter may serve as a table top.

7. In an attachment for a chair having a seat with a front member provided with sockets, a frame having downwardly projecting fingers to hook into said sockets, said frame also having downwardly projecting lugs in advance of said fingers to occupy positions at the front side of said front member, latches pivoted to the lower ends of said lugs and swingable rearwardly therefrom into latching engagement with said front member, and adjusting screws threaded rearwardly through said lugs to abut the front side of the front member of the chair seat.

CALHOUN COLLINS.