May 29, 1923. 1,456,800

F. H. HEADLEY

METALLIC CHAIR, STOOL, SEAT, AND THE LIKE

Filed Jan. 28, 1921

Fig. 1.

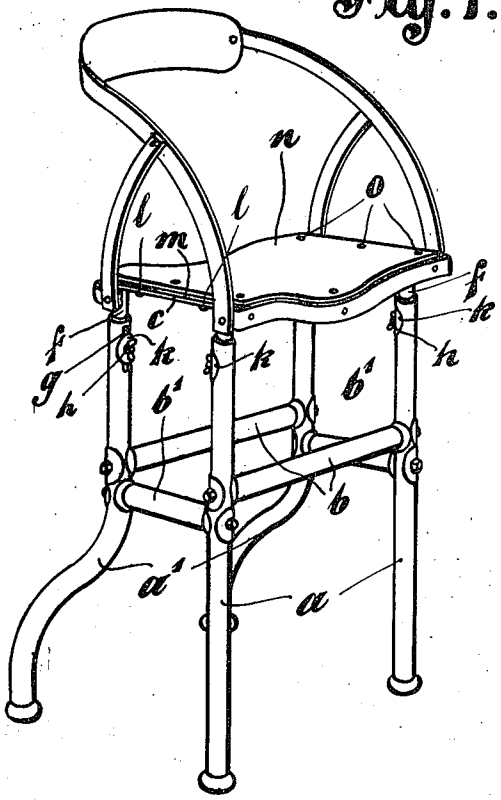


Fig. 2.

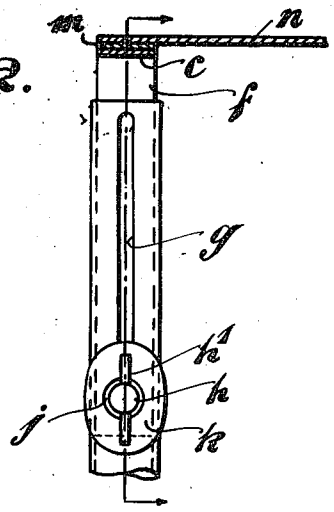


Fig. 3.

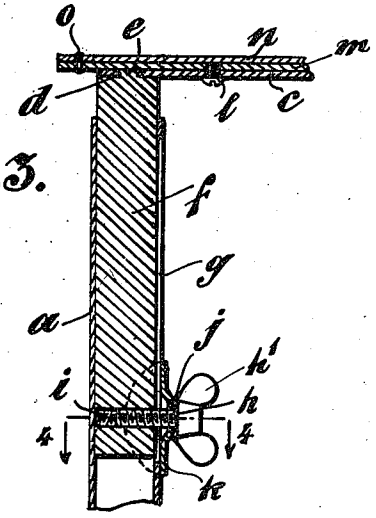
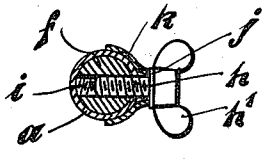


Fig. 4.



Inventor.
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UNITED STATES PATENT OFFICE.

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METALLIC CHAIR, STOOL, SEAT, AND THE LIKE.

Application filed January 28, 1921. Serial No. 440,705.

To all whom it may concern:

Be it known that I, FREDERICK HAGGER HEADLEY, a subject of the Kingdom of Great Britain, residing at Kingscroft, 53 Woodlands Road, Northfield, Birmingham, England, manufacturer, have invented Improvements in or Relating to Metallic Chairs, Stools, Seats, and the like, of which the following is a specification.

This invention comprises certain improvements in or relating to metallic chairs, stools, seats and the like, such as are used as office chairs or stools, music stools, garden chairs, or as seats for other purposes.

More particularly the invention relates to metallic chairs, stools, or seats comprising a plurality of legs of tubular telescopic construction, braced or connected together at a position below the seat level by detachable tubular or other members, and also braced or connected together at the top by the seat bottom or by the frame thereof, which seat bottom or frame is also detachable and may be of a character adapted to accommodate optional appurtenances such as a seat back or side handgrips, these appurtenances and also the seat bottom or frame thereof being of a character such that a standard construction of seat bottom may be manufactured and adapted to accommodate any appurtenances which might be desired to fulfill a particular requirement.

The object of the present invention is to provide an improved means of telescopically adjusting the length of the legs to provide for an adjustment of the height of the seat bottom, said improved adjusting means being simple in construction and effective in use, and avoiding any weakening of the telescopic tubular parts of the legs.

According to the present invention the telescopic leg adjustment comprises an upper telescopic member adapted to slide within the upper tubular extremity of the leg, this sliding movement being limited by a pin and slot device controlled by a thumb screw or the like, and the upper telescopic members of each pair of legs being transversely braced or connected together at the top by a flat strip member, which flat strip members are adapted to support the seat bottom or the frame thereof.

In order that this invention may be clearly understood and readily carried into practice, reference may be had to the appended explanatory sheet of drawings, upon which:—

Figure 1 is a perspective view of a metallic chair or seat of the kind referred to and having the present invention applied.

Figure 2 is a detail front elevation of the telescopic leg adjustment.

Figure 3 is a sectional side elevation of Figure 2.

Figure 4 is a cross-sectional plan on the line 4—4 of Figure 2.

In a convenient embodiment of the present invention the legs are each tubular, the front legs a being straight and the rear legs a^1 of ogee configuration, said legs being coupled together at a suitable point in their height by longitudinal and transverse bracing members b b^1 disposed preferably at differing heights. Each pair of legs a a^1 is transversely braced or connected together at the top by a flat strip member c having at each end an aperture d through which is passed a counter-sunk rivet e adapted to rotatably connect to the strip c an upper telescopic depending member f advantageously in the form of a solid metal rod adapted to slide within the upper extremity of the tubular part of the leg. The upper part of the tubular leg is provided with a longitudinal slot g extending over a convenient part of its length and terminating a short distance from its upper extremity, and through this slot g is fitted the shank of a thumb screw h having an external winged head h^1, said shank engaging into an internally screw-threaded aperture i provided transversely through the upper telescoping member f. A washer j and also a convex shield k embracing the exterior of the tubular part of the leg are interposed between the head h^1 of the thumb screw h and the leg, the arrangement being such that on the thumb screw h being slackened the upper telescopic member f can be freely slid within the tubular leg member, within the limits of the longitudinal slot g, whilst on the thumb screw h being tightened, the upper telescopic member f is rigidly clamped in any adjusted position. The thumb screw h and screw-threaded apertures i are located inwardly of the leg framework, and the rotatable connections of the

upper telescopic members *f* enable said apertures *i* to be adjusted in correct register with their respective slots *g* in the legs.

The seat frame which may be of similar construction to the upper frame described in my prior U. S. application Serial No. 322507, is adapted to be supported by the aforesaid transverse flat strip members *c*, and is detachably secured thereto by screws *l* passing through corresponding apertures in the strip members *c* and in the superposed transverse bars *m* of the seat frame, these screw apertures being located at conveniently spaced points in the length of the transverse members and being maintained in positive register by the rigid transverse bracing connection of the leg frame-work furnished by the transverse strip members *c*.

The seat bottom *n* may be formed of sheet metal as described in my said prior application, or it may be alternatively made of ply wood or like material secured to the transverse bars *m* of the seat frame by rivets *o* as shown, or by equivalent means.

What I claim as my invention and desire to secure by Letters Patent is:

In metallic chairs, stools and the like of the type described, a plurality of tubular legs, transverse strip members, plugs telescopically arranged to coact with the upper ends of the tubular legs, rivet means countersunk in said strip, means for securing said plugs to said strip members, a frame resting upon said strip members, a sheet of material rigidly secured to said frame, and means for detachably securing said frame to said strip members.

In witness whereof I have hereunto set my hand.

FREDERICK HAGGER HEADLEY.