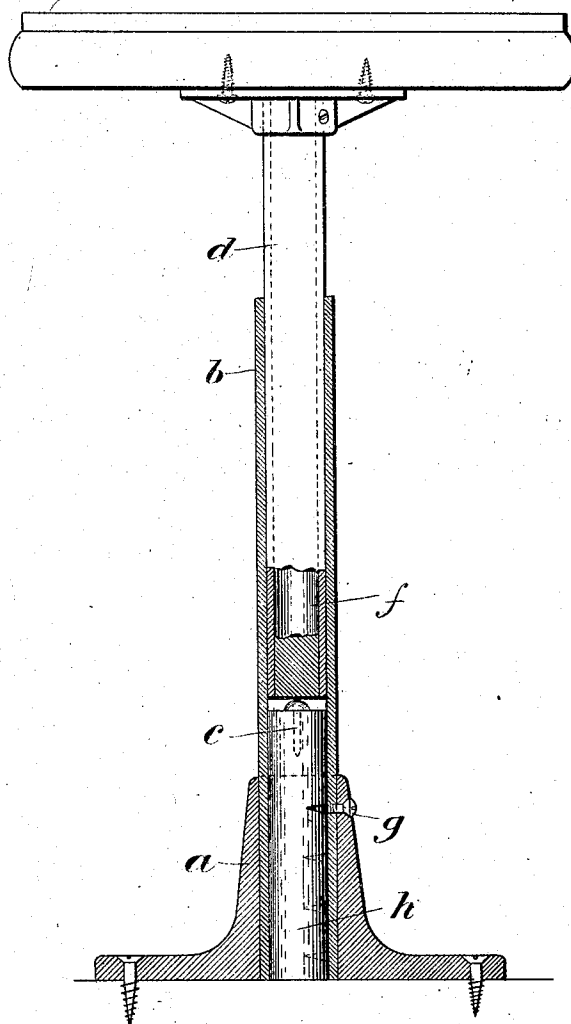


J. A. WILKINSON.
CHAIR WITH ADJUSTABLE SEAT.
APPLICATION FILED FEB. 4, 1905.

916,080.

Patented Mar. 23, 1909.



WITNESSES:
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UNITED STATES PATENT OFFICE.

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CHAIR WITH ADJUSTABLE SEAT.

No. 916,080.

Specification of Letters Patent.

Patented March 23, 1909.

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To all whom it may concern:

Be it known that I, JOHN A. WILKINSON, a citizen of the Dominion of Canada, residing in the city of New York, State and county of New York, have invented certain new and useful Improvements in Chairs with Adjustable Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in chairs provided with an adjustable seat.

My improved chair can either be firmly secured to the floor or carried by a portable supporting stand, and has, as its main characteristic feature that the seat carrier and the support holding the latter are composed of two tubes vertically adjustable one within the other, the seat carrier tube being so arranged as to freely revolve within the tubular support and its adjustment being effected by the like adjustment of a bearing block arranged within the tubular support and upon which the seat carrier rests, or by the adjustment of the tubular support within the portable stand, when the latter is employed.

The accompanying drawing represents a side elevation, partly in section, of a chair constructed in accordance with the present invention and shown as fastened to the floor.

The chair is provided with a tubular support *b* which is inserted within a socket-shaped foot or stand *a* secured to the floor. A second tube *d* which forms the seat carrier is inserted within the tube *b* and can be adjusted vertically within the same. The tubular support *b* contains a wooden bearing block or filling *c* which can be adjusted in a vertical direction, and the seat carrier *d* is preferably provided throughout its entire length with a filling *f* of wood. It fits the tube *b* exactly, enters into the same for a suitable distance and rests upon the bearing block *c* so that the seat can freely rotate within the support *b*. To facilitate the rotation of the seat, the bearing block *c* is provided on its upper surface with a projection, (for instance, a nail with a spherical head) so that the seat carrier *d* or rather its wooden filling *f* rests upon the smallest possible frictional surface.

The vertical adjustment of the seat carrier

and consequently the adjustment of the seat to a higher or lower level is effected by displacing the wooden block *c* longitudinally to the desired degree and then securing it by means of a wood-screw *g*, the latter being screwed into the block *c* through apertures made in the tubular stand and in the tubular support. The block *c* may be provided with a number of holes *h* arranged at predetermined intervals from each other, as shown. In order to raise the seat for the height of one or more of these intervals and to secure it in the raised position, the screw *g* is removed, the seat carrier is taken out from the tubular support *b* and the latter is removed, whereupon the block *c* (which can be displaced within the tube *b*) is pushed upward within the latter until one of the lower holes of the block is opposite the aperture in the tube *b*. The tube *b* is thereupon reinserted within the stand *a* and the filling block is secured in its position by screwing in the screw *g*, whereby the tube *b* will also be prevented from rotating. The seat carrier may now be inserted again, and the seat will be raised to the desired height.

Instead of inserting the tubular support *b* in a foot rigidly secured to the floor, the arrangement may be such that the tubular support *b* is inserted in a portable foot or stand so as to fit it tightly and to be vertically adjustable within the same. The wooden filling upon which rests the seat carrier or the wooden filling of the seat carrier, which is inserted in the supporting tube and upon which the seat carrier freely revolves, is in the modified arrangement rigidly fastened within the tubular support and the adjustment of the seat in the direction of its height is effected by displacing and then clamping the tubular support in a clamping socket or a clamping ring provided with a screw and which can, if desired, be fastened to the portable stand.

In both forms of construction, the hollow tube of the seat carrier may be replaced by a solid rod.

Having thus described my invention, what I claim is:

1. A chair, provided with a seat, a rotatable vertically adjustable seat carrier, and a tubular support for said seat carrier, said tubular support containing a bearing block upon which the seat carrier can turn freely, said bearing block being adjustable to dif-

ferent heights within the tubular support; substantially as described.

2. A chair, provided with a seat, a rotatable vertically adjustable seat carrier consisting of a tube having a wood filling, and a tubular support containing a bearing block adjustable therein and provided with a rounded projection or stud upon which the wood filling rests; substantially as described.

10 3. A chair, provided with a seat, a rotatable vertically adjustable seat carrier, and a tubular support for said seat carrier, said tubular support containing a bearing block

upon which the seat carrier can turn freely, said bearing block being adjustable to different heights within the tubular support by means of a screw passing through an aperture in the wall of the tubular support and into the block; substantially as described.

In testimony whereof I affix my signature, 20
in presence of two witnesses.

JOHN ALLAN WILKINSON.

Witnesses:

JOHN C. PENNIE,
W. BEALLE WILLIAMS.