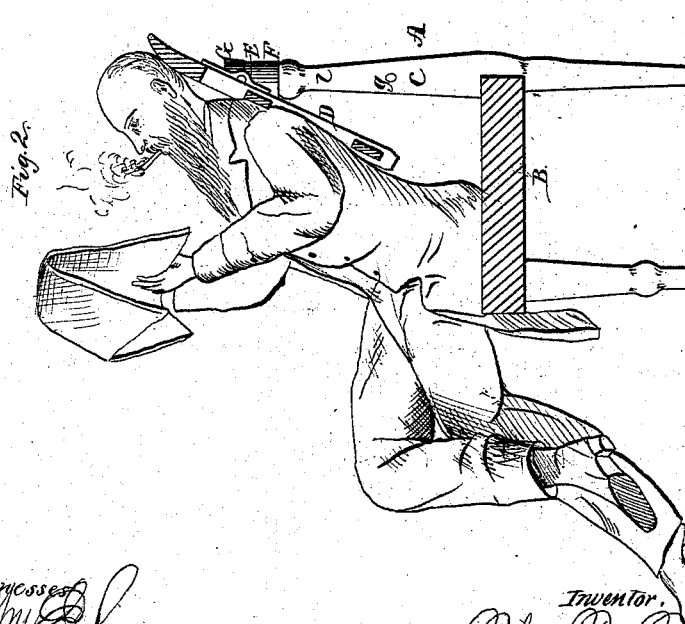
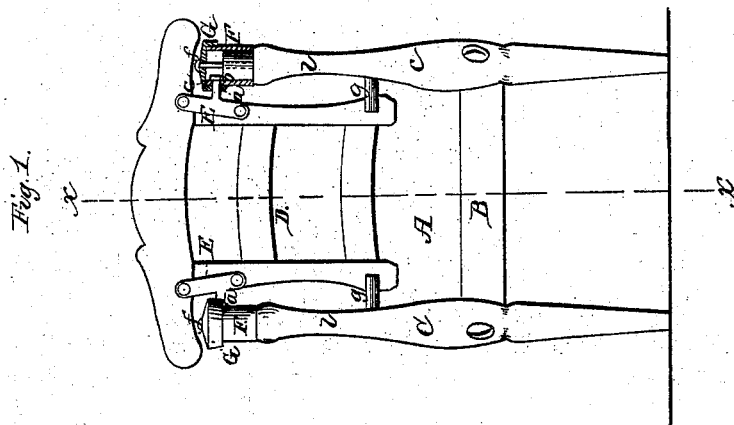


V. P. Parkhurst,

Chair,

N^o 54,762.

Patented May 15, 1866.



Witnessed
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UNITED STATES PATENT OFFICE.

V. P. PARKHURST, OF TEMPLETON, MASSACHUSETTS.

IMPROVED CHAIR.

Specification forming part of Letters Patent No. 54,762, dated May 15, 1866.

To all whom it may concern:

Be it known that I, V. P. PARKHURST, of Templeton, in the county of Worcester and State of Massachusetts, have invented new and useful Improvements in Chairs; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists in so attaching or hanging the backs of chairs and other similar seats to the posts or other corresponding supports therefor that the said chair-back will adjust itself to the person sitting in the chair, supporting both the shoulders and lower part of the back, whatever position the sitter may assume, and also so hanging the said back that when the person rises from the chair the back will resume its original and normal or vertical position between the posts or supports without the aid of springs or any other additional devices.

In accompanying plate of drawings my improvements in chairs are illustrated, Figure 1 being an elevation of the rear or back side of the chair; Fig. 2, a central vertical section taken in the plane of the line *x x*, Fig. 1.

Similar letters of reference indicate like parts.

A in the drawings represents a chair which, except so far as my invention extends, can be made of any of the usual forms, styles, and finish; B, its seat; and C C, the two upright posts between which the chair-back D is hung, so as to secure the results hereinbefore stated, as will be now particularly explained.

To the rear side of the back D of the chair, at or near its top and upon each side thereof, by means of screws, or in any other proper manner, is secured a similar plate, E, which plate is to be of such a form as to nicely fit the chair-back at the point of its application, and each of said plates has formed upon or attached to it a projecting pivot or arm, *a*, having its outer end made with a square head, *b*. On the top or upper end of each post C of the chair is fitted a ferrule, F, over which ferrule is a cap-piece, G, of the post C. In each of these ferrules and cap-pieces F and G is a corresponding-shaped vertical slot, *c*, through and in which the pivots of the back plates, E, turn, as plainly shown in Fig. 1, the heads of the said pivots preventing them from becoming disengaged

from the chair-posts when the caps G have been set over the post-ferrules and there secured by a screw, *f*, or in any other proper manner, the screw *f* coming to a bearing by its head against the post-caps, and serving as it screws into the post to tightly bind the ferrules thereon, which ferrules at the same time obviate all possibility of the posts being split by the screws. By this means of hanging the back of the chair in and between its posts it is obvious that when desired to remove the back it can be easily and readily done, and a new one inserted or any repairs made which may be necessary.

g is a pin fixed in each back post of the chair, a short distance above its seat, which pins limit the play of the back of the chair and prevent it from swinging through the posts.

By hanging the back of the chair by means of pivots upon its rear side and at or near its top it is obvious that the chair-back will swing forward at its upper portion, and thus, by means of the stops *g* for its lower end, or any other equivalent means which limits its play, it will be held in an upright position, whereas if the chair-back was hung, say, for instance, at a point, *l*, of the posts, the back would stand out at a vertical angle to the posts when not occupied.

It is almost needless for me here to state (as with the above description and by an inspection of the drawings it is plainly apparent) that by my improved hanging of a chair-back the back will always adapt itself to whatever position the person sitting in the chair may assume, provided, however, he is in contact with the back, and thus support the shoulders and the lower portion of the back of the person, the importance and advantages of which for ease and comfort are obvious.

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

The combination of the plates E, pivots *a*, ferrules F, caps G, and pins *g*, arranged relatively with the back D and posts C of the chair A and operating in the manner and for the purpose herein specified.

The above specification of my invention signed by me.

V. P. PARKHURST.

Witnesses:

D. J. WHITE,
F. PARKER.