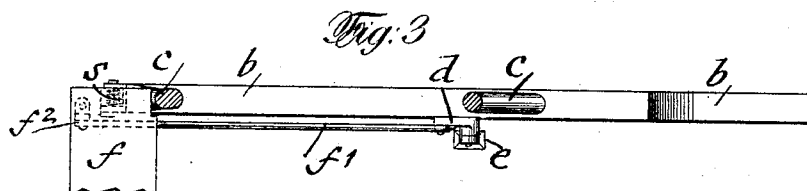
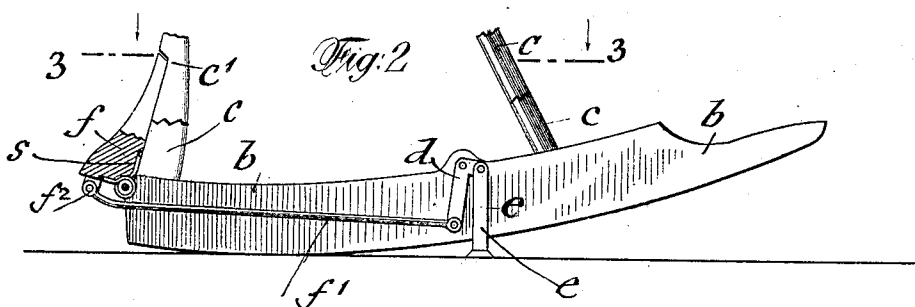
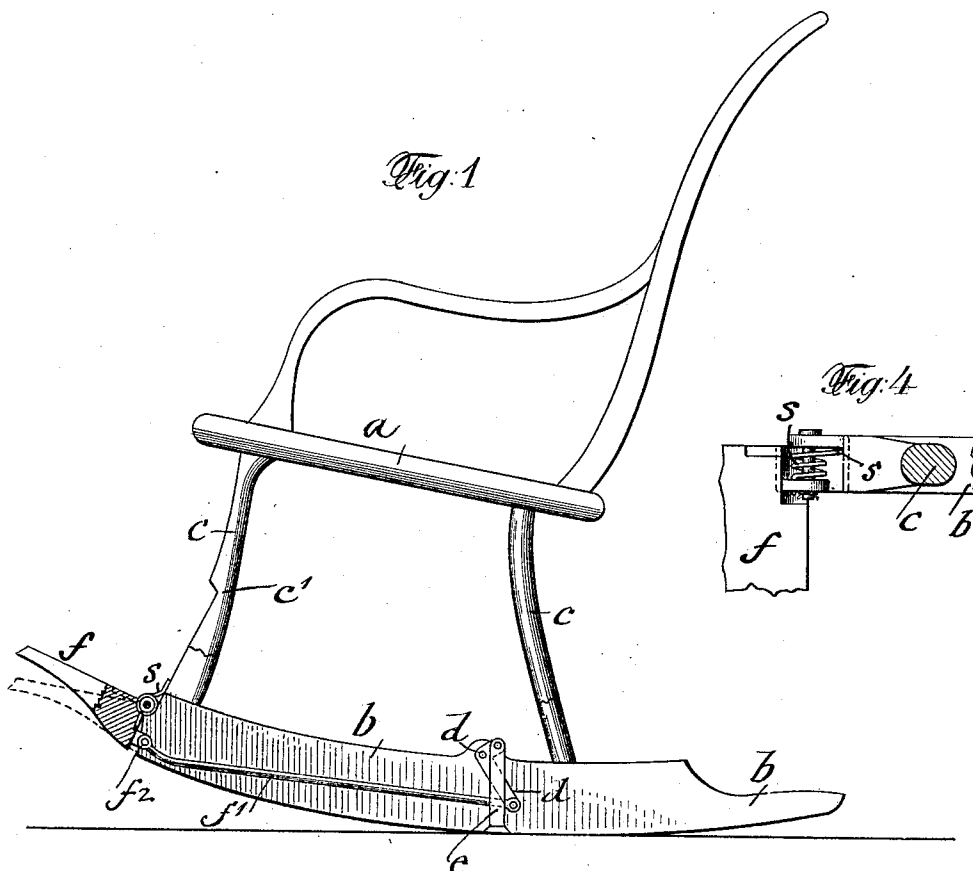


932,235.

Patented Aug. 24, 1909.



Witnesses:
John J. Mittel
Fannie Fisk

Inventor
Peter Ayr
By his Attorneys
H. G. G. G.

UNITED STATES PATENT OFFICE.

PETER ALP, OF NEW YORK, N. Y.

ROCKING-CHAIR.

932,235.

Specification of Letters Patent.

Patented Aug. 24, 1909.

Application filed March 8, 1909. Serial No. 482,022.

To all whom it may concern:

Be it known that I, PETER ALP, a subject of the Czar of Russia, residing in New York, in the borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in Rocking-Chairs, of which the following is a specification.

This invention relates to certain improvements in rocking chairs by which the rocking motion of the chair is facilitated and the same adapted to be changed whenever desired, to a fixed non-rocking chair; and for this purpose the invention consists of a rocking chair to the front-ends of the rockers of which is hinged a spring-actuated foot-board, said foot-board being connected by pivot-rods with elbow-levers fulcrumed to the rear-ports of the rockers, the upper arms of said elbow-levers being pivotally connected with pendent pushers, so that when pressure is exerted on the foot-board the pushers are lifted away from the floor but pressed on the release of the foot-board on the floor for facilitating the rocking motion of the chair. The invention consists further in placing the hinged foot-board in position against the front-legs of the chair, and lower the pushers so as to press on the floor and hold the rear-parts of the rockers in raised and non-rocking position.

In the accompanying drawings, Figure 1 represents a side-elevation, partly in longitudinal section, of my improved rocking chair, showing the same in position for rocking, Fig. 2 is a similar section of the lower part of the chair, showing the foot-board in raised position for placing the chair in non-rocking position, Fig. 3 is a horizontal section on line 3, 3, Fig. 2, and Fig. 4 is a detail-view showing the spring-connection of the foot-board with the rocker.

Similar letters of reference indicate corresponding parts throughout the figures.

Referring to the drawings, *a* represents a rocking chair of any approved construction, *b* the rockers of the same, *c* the legs and *f* the foot-board, which is hinged to the cut-off front-ends of the rockers. To the hinges of the foot-board *f* are also applied coiled springs *s*, one end of which abuts against the front-end of the rocker and the other end against the adjacent face of the foot-board *f*. The foot-board *f* is provided with lugs *f*² on the face adjacent to the front-ends of the rockers and connected by two pivot-rods *f*¹,

one alongside of each rocker, with the lower arms of elbow-levers *d* that are fulcrumed to the rear-ports of the rockers, the upper arms of the elbow-levers being connected by pivots with pendent pushers *e* having enlarged lower ends, or feet that rest on the floor. When pressure is exerted on the foot-board by the foot of the person sitting on the rocking chair, the foot-board is lowered against the tension of its springs so as to abut against the front-ends of the rockers, the motion being transmitted by the pivot-rods *f*¹ and fulcrumed elbow-levers *d* to the pushers *e*, so that they are lifted away from the floor. On releasing the pressure on the foot-board the springs *s* move the same away from the pivot-ends of the rockers and produce by the action of the pivot-rods and fulcrumed elbow-levers the downward motion and pressure of the pushers on the floor so as to raise the rear ends of the rockers. By intermittently pressing on the foot-board the rocking action is produced by the intermittent lifting and lowering of the pushers by the tension of the springs. The rocking of the chair is accomplished in a more comfortable manner than when the feet rest on the floor and impart a rocking motion to the chair by the pressure of the feet on the floor.

When it is desired to use the rocking chair in the manner of an ordinary chair without rockers, the foot-board is swung up on its hinges until it arrives in recesses *c*¹ in the front-legs *c* of the rocking chair, as shown in Fig. 2, by which the elbow-levers are moved in front of a vertical transverse plane passing through their fulera, so that the pushers are lowered and locked into vertical position on the floor, as shown in Fig. 2. In this position of the pushers *e*, the rear-ends of the rockers are raised and sustained in raised position by the pushers, the weight of the chair being thrown on the front-ends of the rockers, which are held rigidly in position, so that the chair is prevented from rocking.

As the attachment permits at will the rocking of the chair or the retention of the chair in non-rocking position as an ordinary chair, the rocking chair is capable of being used for different purposes: in one case, namely, for rocking purposes when the foot-board is in lowered position, or non-rocking, when the foot-board is raised and the pushers are placed in a position for holding up the rockers and preventing the rocking of the chair.

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

1. In a rocking chair, the combination, 5
with the rockers, of a spring-actuated foot-board hinged to the front-ends of the same, elbow-levers fulcrumed to the rear-portions of the rockers, pivot-rods connecting the foot-board with the lower arms of the elbow- 10
levers, and pendent pushers pivoted to the upper arms of the elbow-levers.

2. In a rocking-chair, the combination, 15
with the rockers of the same, of a foot-board hinged to the front-ends of the rockers, and adapted to be moved up against the front-

legs of the chair, elbow-levers fulcrumed to the rear-portions of the rockers, pivot-rods connecting the foot-board with the lower arms of the elbow-levers and pendent pushers pivoted to the upper arms of the elbow- 20
levers, said pushers holding the rockers in fixed position when the foot-board is placed in position against the front-legs of the chair.

In testimony, that I claim the foregoing as my invention, I have signed my name in 25
presence of two subscribing witnesses.

PETER ALP.

Witnesses:

PAUL GOEPEL,

H. J. SUHRBIER.