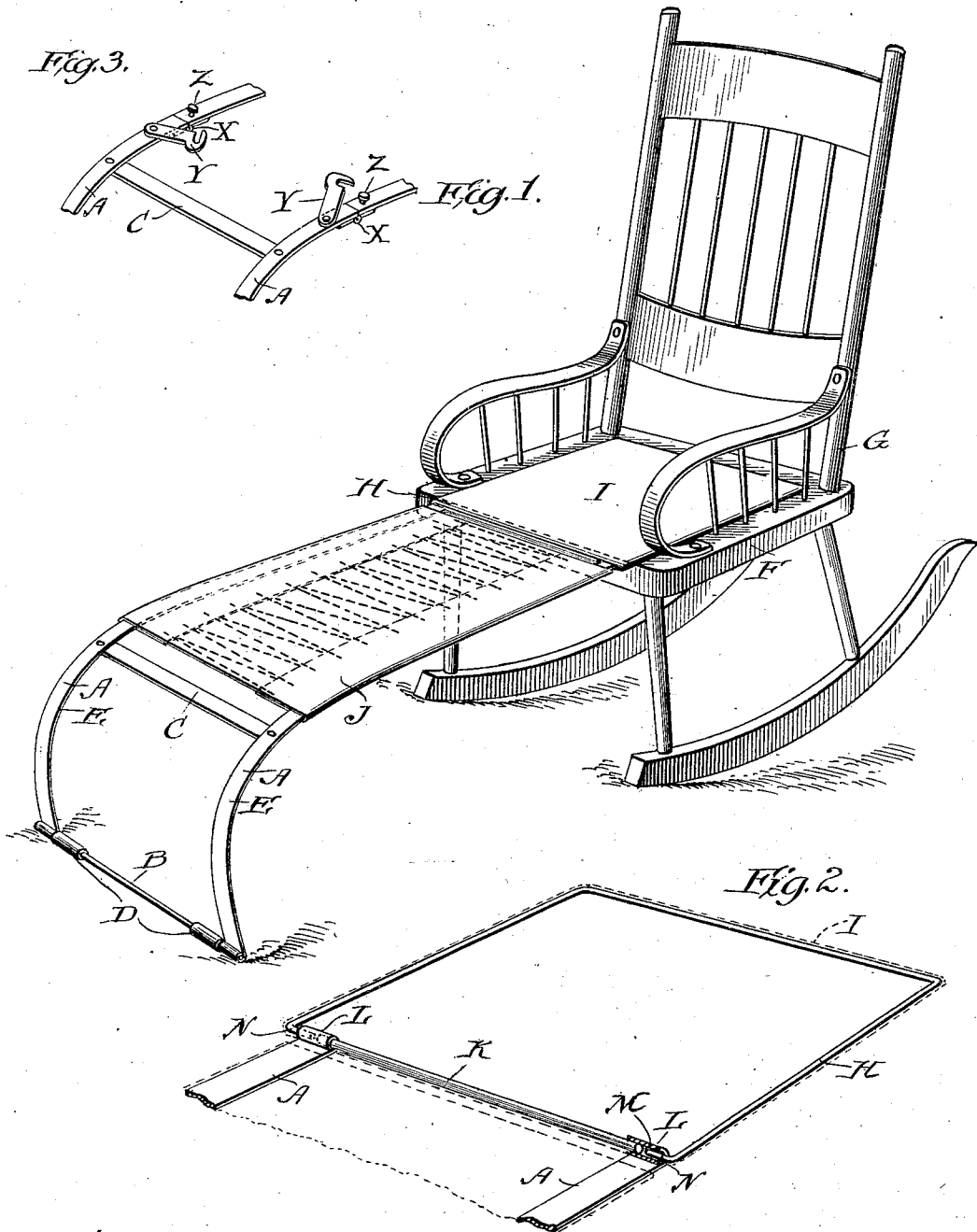


F. SCHULZ.
CHAIR ATTACHMENT.
APPLICATION FILED APR. 10, 1908.

938,172.

Patented Oct. 26, 1909.
2 SHEETS—SHEET 1.



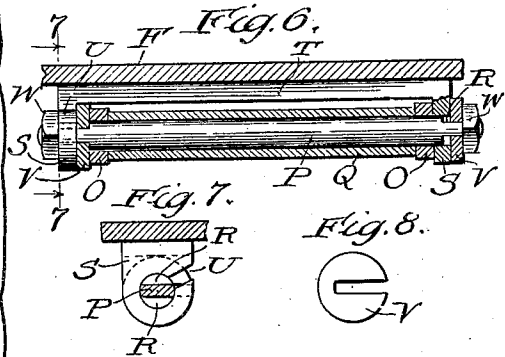
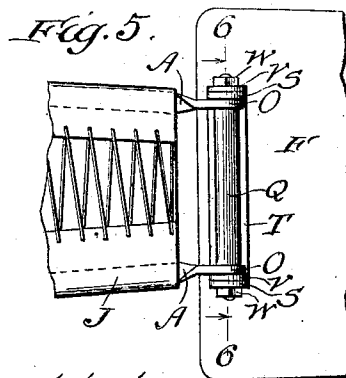
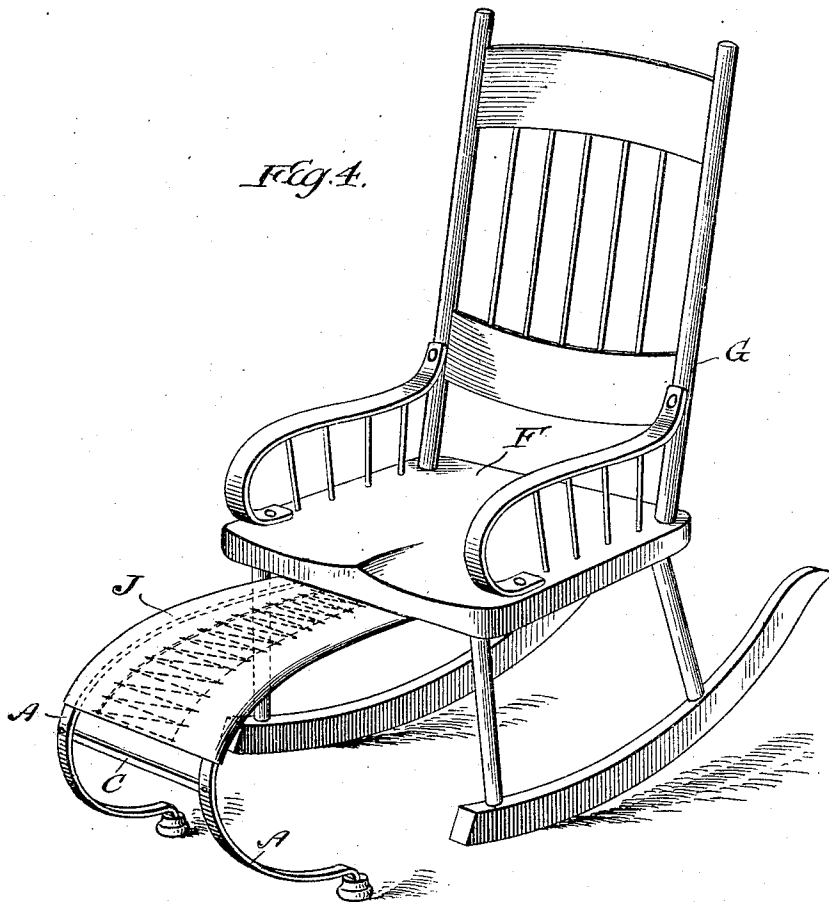
Witnesses
Harry R. L. White
M. H. Olsen.

Inventor
Fritz Schulz
By Rudolph M. Folsom Atty.

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Witnesses
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UNITED STATES PATENT OFFICE.

FRITZ SCHULZ, OF CHICAGO, ILLINOIS.

CHAIR ATTACHMENT.

938,172.

Specification of Letters Patent.

Patented Oct. 26, 1909.

Application filed April 10, 1908. Serial No. 426,345.

To all whom it may concern:

Be it known that I, FRITZ SCHULZ, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have
5 invented certain new and useful Improvements in Chair Attachments; 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
10 which it appertains to make and use the same.

This invention relates to a novel construction in a device adapted for use on chairs to afford a comfortable support for the
15 limbs, the object being to provide a simple, cheap, light, and efficient device of this character which is equally adapted for everyday use in or about the home, hospital and on board ships, etc., and consists in the features of construction and combinations of
20 parts hereinafter fully described and claimed.

In the accompanying drawings illustrating my invention: Figure —1— is a perspective view of my device showing the same disposed on a rocking chair. Fig. —2— is a fragmentary detail perspective view showing the connection between two parts of my device. Fig. —3— is a fragmentary detail
30 perspective view showing a modification in the construction. Fig. —4— is a perspective view showing a modified form of construction. Fig. —5— is a fragmentary detail bottom plan view showing the manner of securing the device to the bottom of the
35 chair seat. Fig. —6— is a sectional view on the line 6—6 of Fig. —5—. Fig. —7— is a transverse section on the line 7—7 of Fig. —6—. Fig. —8— is a detail view of a
40 washer employed.

My said device comprises a frame preferably made of steel and consisting of two side bars A connected at suitable points by means of cross bars B and C, the cross bar
45 B being disposed at one of the ends of the bars A and equipped with rubber tubes D slipped over the same and resting on the ground. Said bars A are curved at one end portion as at E, said portion serving as the
50 supporting means for one end of the frame, the other end thereof being supported on the seat F of a chair G. Such support is accomplished in any suitable manner as, for example, by pivotally connecting to said last
55 named end of said frame a seat portion H consisting of a wire frame inclosed in a suit-

able bag or covering I and which rests upon a chair seat and is held in place by the occupant sitting thereon. Or said end may be suitably pivoted and secured to the bottom
60 of the chair seat as shown in Figs. —4— to —7— inclusive, as will be hereinafter described. Stretched over the side bars A at the raised portions thereof is a cover J upon which limbs of the occupant of the chair are
65 adapted to rest. Said side bars A are preferably made of flat elastic steel bars of dimensions such as will enable it to yield readily to strains imparted by rocking the chair
70 without causing the leg portions to move on the floor. The said wire frame over which the bag I is inserted is preferably rectangular and consists of a single piece of wire bent to U-shape, the ends of which are opposed
75 but not joined, and constitute short projections N at the free end of each of the side rails of the frame. The said projections enter the loops L at the ends of the bars A. The latter also receive the free ends of a
80 bar K which is preferably driven into said loops and serves to maintain the seat supported ends of the bars in proper relative position, that is, against movement toward each other.

The device constructed as shown in Fig. 85 —1—, may be transferred from one chair to another with ease and is adapted to fit all chairs.

If it is desired to secure the device to a given chair the supported ends of the side
90 bars A are distorted to provide vertically disposed projections O having openings therein to receive the shaft P on which a tube Q is telescopically disposed, the latter serving to hold said ends of said bars a given
95 distance apart. The shaft P is provided with recesses R registering with the projections S of the plate T secured to the bottom of the chair, the said projections being provided with openings and with recesses U
100 communicating with said openings and through which the portions of said shaft P reduced by said recesses R are adapted to pass so that by imparting movement to said
105 shaft longitudinally, a distance equal to the thickness of said projections and inserting washers V over the recessed portions, said shaft is held against removal as will be obvious. Nuts W may be disposed on the ends
110 of said shaft and serve to hold same against longitudinal movement and consequently against displacement.

The free ends of the side bars A are preferably bent to an ogee curve as shown in Fig. —4— to impart elasticity.

The device is simple and affords the occupant of the chair a great deal of ease and comfort as it supports the limbs from the ankles up and causes the knees to be slightly bent. In this manner the limbs do not tire of the position, the main support being under and immediately above and below the knees.

The device is particularly adapted for use in hospitals and sanitariums, on board ships, and in and about the home and hotel.

In order to enable the device to be folded to occupy less space, each of the side bars A may consist of two sections hinged together, as at X in Fig. —3—, said hinged portion being suitably locked against movement when the device is in use by means of the hooks Y pivotally secured to one part and engaging the projection Z of the other part.

I claim as my invention:

1. A device of the kind specified, comprising two bars of spring metal, cross-pieces, connecting the same, said bars and cross-pieces constituting a spring frame supported at one end upon the chair seat and resting at its other end upon the floor, said bars being bent between their ends the respective end portions being disposed at an angle of ninety degrees, more or less, to each other, means disposed on said frame and engaging the floor to hold the floor-supported end of said frame against movement on the floor, and limb supporting means carried by the upper end portion of said frame.

2. A device of the kind specified, comprising two bars of spring metal secured together by means of cross-pieces, one end of each of said bars being supported upon the chair-seat and the other end portion being bent to an arc of about ninety degrees and resting at its extremity on the floor, means on the latter engaging the floor to prevent relative movement thereof and a hammock suspended between said bars between the ends thereof, said hammock being substantially horizontally disposed and adapted to support the limbs of the occupant of the chair.

3. A device of the kind specified comprising an elastic metal frame consisting of two side-bars, cross-bars connecting the same at intervals, a covering spanning said side bars, said frame being supported at one end on the chair-seat and having its free end portion extending downwardly and resting on the floor, said floor supported end portion being adapted to yield to the thrust movements of the horizontal portion as the chair is rocked, one of said cross-bars connecting the floor supported ends of said side-bars and friction members mounted on said last-named cross-bar and engaging the floor to prevent movement of said end of said frame thereon.

In testimony whereof I have signed my name in the presence of two subscribing witnesses.

FRITZ SCHULZ.

Witnesses:

RUDOLPH WM. LOTZ,
THEODORE WALLISER.