M. R. VAN DUSEN.

FOLDING CHAIR.

APPLICATION FILED DEC. 13, 1913.

1,109,717.

Patented Sept. 8, 1914.

2 SHEETS—SHEET 1.

Fig. 1

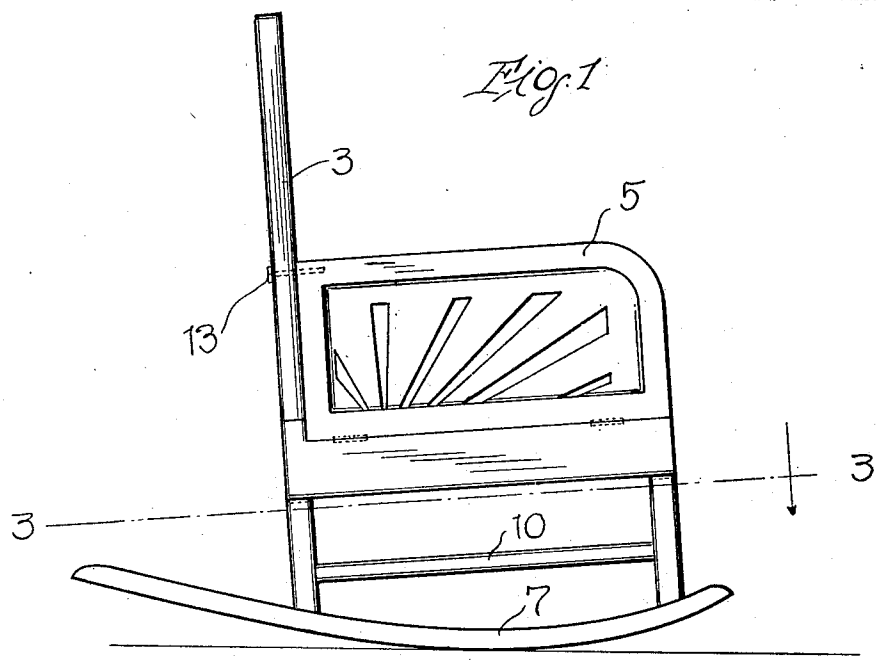


Fig. 2

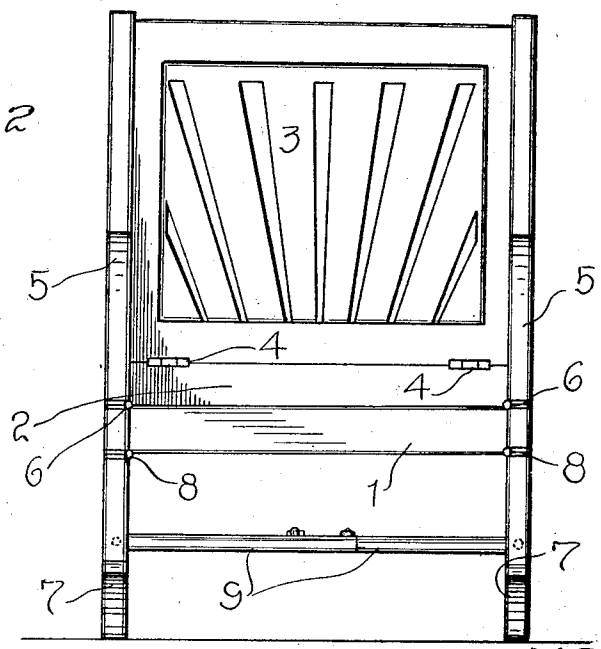
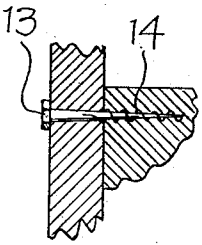


Fig. 6



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3

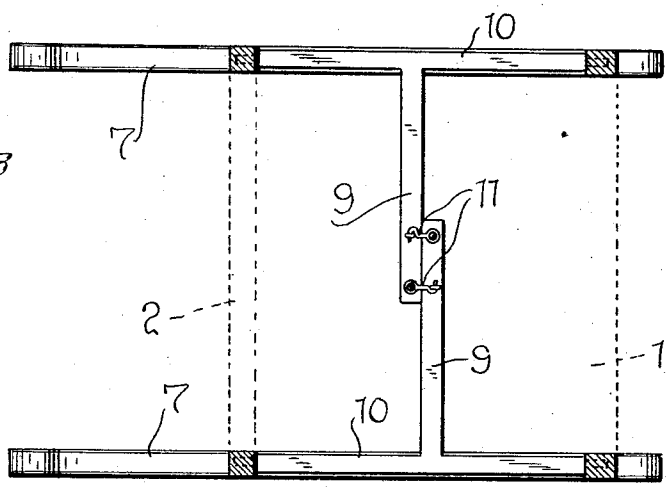


Fig. 4

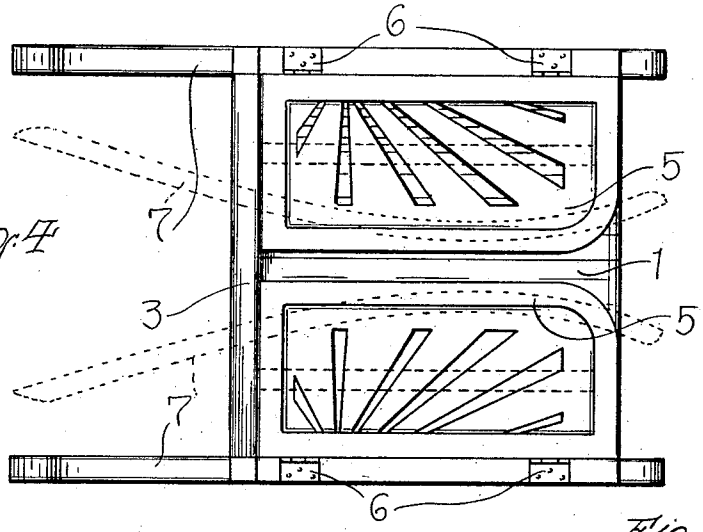
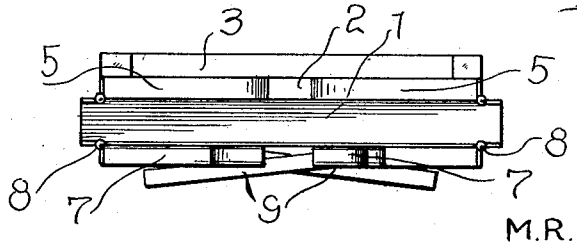


Fig. 5



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UNITED STATES PATENT OFFICE.

MARY R. VAN DUSEN, OF CHARLEVOIX, MICHIGAN.

FOLDING CHAIR.

1,109,717. Specification of Letters Patent. Patented Sept. 8, 1914.

Application filed December 13, 1913. Serial No. 806,622.

To all whom it may concern:

Be it known that I, MARY R. VAN DUSEN, a citizen of the United States, residing at Charlevoix, in the county of Charlevoix and State of Michigan, have invented certain new and useful Improvements in Folding Chairs, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to new and useful improvements in articles of furniture and more particularly to folding furniture, the main object of the invention being to provide a folding chair wherein the back, arms and rockers may be folded upon the side of the chair so as to occupy minimum space when storing or moving the same and the chair is so constructed that should any of the parts thereof become broken, they can be quickly and readily removed and replaced by a new part.

Another object of the invention is the provision of a folding chair of the above character which will possess advantages in points of efficiency and durability, is inexpensive to manufacture and at the same time is simple in construction and operation.

With the above and other objects in view, the invention consists in the novel features of construction and the combination and arrangement of parts to be hereinafter more fully described, pointed out in the claims and shown in the accompanying drawings, in which—

Figure 1 is a side elevation of a folding chair constructed in accordance with my invention; Fig. 2 is a front elevation; Fig. 3 is a transverse sectional view taken on the line 3—3 of Fig. 1; Fig. 4 is a top plan view of the chair in its folded position; Fig. 5 is a front elevation illustrating the chair in its folded position; and Fig. 6 is a detail sectional view illustrating the connection between the back and the side arms.

Referring more particularly to the drawings, 1 indicates the bottom of the chair which may be formed of any suitable shape and is provided at its rear edge with an upwardly projecting flange 2, to which the back 3 of the chair is hingedly connected, as shown at 4. The back 3 may be of any desired form and size and provided with any form of ornamentation desired other than that shown in the drawing. The back, when in its normal position rests upon the upper edge of the flange 2 and is adapted to fold inwardly toward the bottom 1 when folding the chair.

Mounted upon and hingedly secured to the longitudinal side portions of the bottom member 1 are the arms 5 of the chair which are hingedly secured to the bottom, as shown at 6, and are adapted to fold inwardly upon the upper face of the bottom, as clearly illustrated in Fig. 5. From this it will be seen that after the side arms 5 have been folded inwardly upon the base, the back 3 may then be folded inwardly upon the side arms so as to be entirely out of the way when not in use. The rockers 7 of the chair are arranged beneath and hingedly connected, as shown at 8, and the lower face of the longitudinal side edges of the bottom member 1, said rockers being adapted to fold inwardly and rest flatly against the under face of the bottom 1, as illustrated in Fig. 5.

The rockers 7 when disposed in their operative position are securely held against inwardly folding movement by means of the inwardly extending arms 9 which are formed integral with the longitudinal brace members 10 and extend inwardly out of alinement so that the inner ends thereof will be arranged in parallel relation and securely held against movement by the hook members 11 which are alternately arranged upon the inner ends of the arms and are adapted to engage with the alternate eyes 12 so as to securely hold the arms 9 against any longitudinal movement. When the side arms 5 are arranged in their upright position they are securely held in such position by means of the screw bolts 13 which are passed through the side edges of the back 3 and are engaged within the rear ends of the side arms, as shown at 14, and more clearly illustrated in Fig. 6, to securely hold the side arms in their upright positions.

From the above description taken in connection with the accompanying drawings, it will be readily apparent that I have provided a simple and durable folding chair which consists of comparatively few parts so assembled that they may be quickly and readily set up in position for use or readily folded together to occupy minimum space when shipping, moving or storing the same. It will also be apparent that while I have shown and described the preferred form of chair, it will be obvious that the novel features of the device may be applied to any desired form and that the same may be con-

structed of any suitable material. The device in itself is extremely simple in construction and can be manufactured at a comparatively low cost.

While I have shown and described the preferred form of my invention, it will be obvious that various changes in the details of construction and in the proportions may be resorted to for successfully carrying my invention into practice without sacrificing any of the novel features or departing from the scope of the appended claims.

What I claim is:—

A device of the class described including a substantially rectangular bottom member, side arms hingedly connected thereto and adapted to fold inwardly thereon, an upwardly projecting flange formed at the rear of said bottom member, a back member hingedly connected to said flange and adapted to fold inwardly upon the side arms, rockers hingedly connected to the longitudinal side edges of said bottom member upon the under side thereof and adapted to fold inwardly upon the under side of the bottom, longitudinal brace bars carried by said rockers, inwardly projecting arms carried by said brace bars, said brace bars being disposed out of alinement so that the inner ends thereof will be arranged in parallel relation, and alternate hooks and eyes carried by the inner ends of said arms to retain the same in their inoperative position and support the rockers when in an upright position, as and for the purpose set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

MARY R. VAN DUSEN.

Witnesses:
R. W. KANE,
MILDRED E. JOHNSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."