C. C. BRADEN.

FOLDING CHAIR.

APPLICATION FILED SEPT. 29, 1913.

1,104,615.

Patented July 21, 1914.

Fig. 1

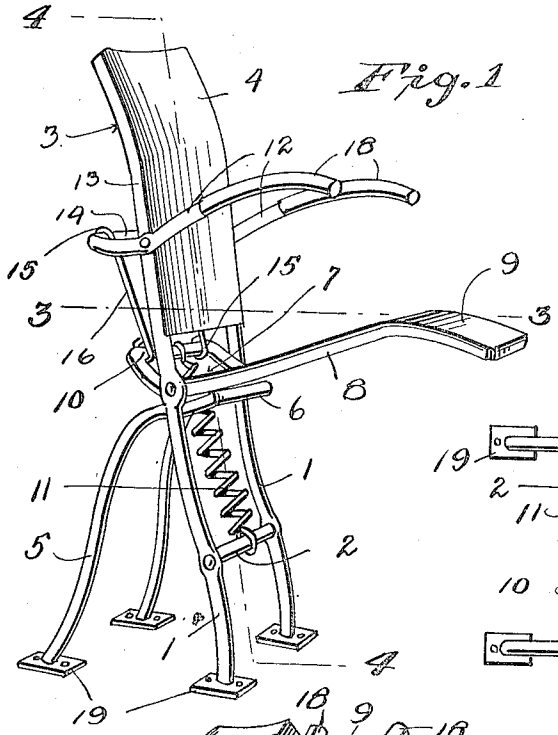


Fig. 3.

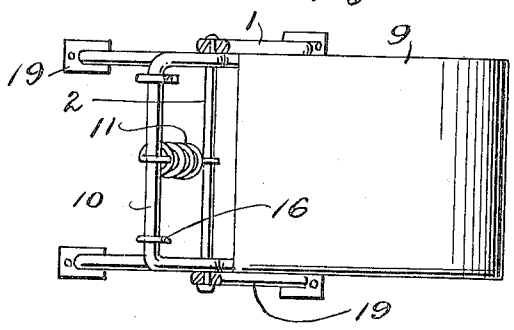


Fig. 2.

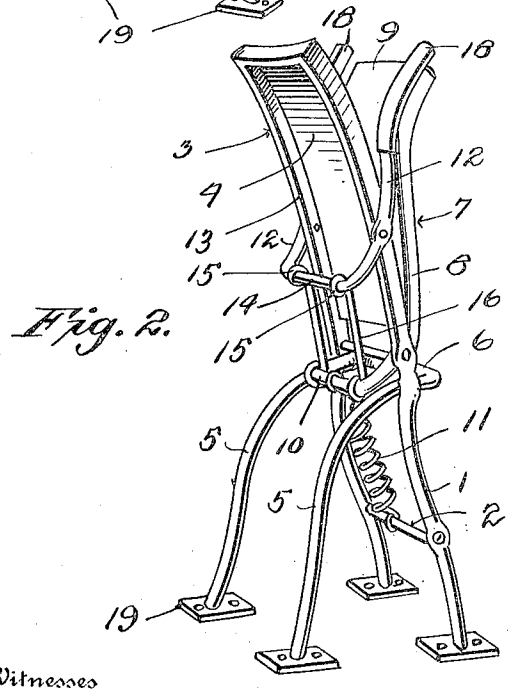
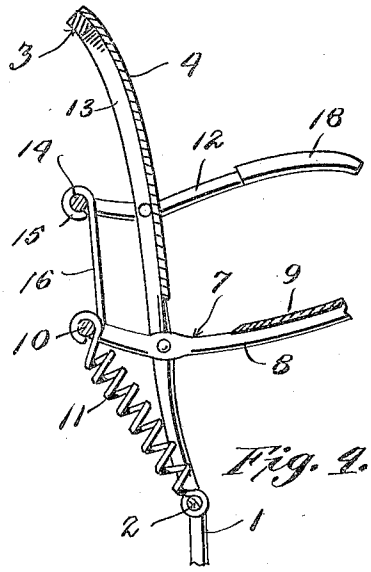


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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FOLDING CHAIR.

1,104,615. Specification of Letters Patent. Patented July 21, 1914.

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To all whom it may concern:

Be it known that I, CHARLES C. BRADEN, a citizen of the United States, residing at Winslow, in the county of Navajo, State of Arizona, have invented certain new and useful Improvements in Folding Chairs; 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.

The present invention is directed to improvements in folding chairs, and has for its object to provide a chair of this type particularly adapted for use in halls, theaters or other public places.

A further object of the invention is to so construct a chair that when the occupant leaves the same, the seat and arms will automatically fold so that persons can pass from the aisles with ease.

With these and other objects in view, this invention resides in the novel features of construction, formation, combination and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawing, in which:—

Figure 1 is a perspective view of the chair, showing the same in its operative position. Fig. 2 is a similar view showing the chair folded. Fig. 3 is a sectional view on line 3—3 of Fig. 2. Fig. 4 is a similar view on line 4—4 of Fig. 2.

Referring to the drawing, the numeral 1 designates the front legs of the chair, which are held in spaced relation by the brace bar 2, said legs terminating at their upper ends in an inverted U-shaped frame 3 which supports the veneer back 4.

The legs 1 and frame 3 are formed from suitable metal, likewise the rear legs 5, which are curved rearwardly and arranged in converging relation to the legs 1. The upper ends of the legs 5 are suitably connected to the upper ends of the legs 1 and terminate in a yoke 6.

The seat frame 7 consists of arms 8 between which is secured the seat 9. The rear ends of the arms 8 are connected by a bar 10 to which is connected the upper end of a coil spring 11, the lower end of which is connected to the brace bar 2, said spring tending to swing the seat frame to the position as shown in Fig. 2 upon the occupant leaving the seat.

The arms 12 are pivotally connected to the side bars 13 of the back frame 3 and are connected at their rear ends by a bar 14 which is engaged by the eyes 15 of the links 16, said links having their lower ends provided with eyes 17, which engage the bar 10 so that when the seat frame is swung to its folded or unfolded position the arms will be correspondingly acted upon.

The arms 12 have their forward upper surfaces provided with arm rests 18 of any suitable material.

From this construction it will be seen that when it is desired to occupy the seat it is only necessary to force the seat 9 downwardly, the downward movement being limited upon the arms 8 contacting with the bight portion of the yoke 6, during which time the spring 11 is expanded. Upon the occupant leaving the seat the spring 11 will pull downwardly upon the bar 10 and swing the seat to its folded position, the links 16 causing simultaneous folding of the arms 12.

The lower ends of the legs 1 and 5 are provided with flanges 19, by which the chair may be secured to the floor.

When the chairs are arranged in rows, it is obvious that the intermediate chairs may be provided with a single arm. Further it will be noted that the bars 14 may be employed for hanging wraps on.

What is claimed is:—

A chair of the class described comprising front and rear legs, the upper ends of the rear legs terminating in a yoke, and the upper ends of the front legs terminating in a back supporting frame, a bar connecting

the front legs, a seat frame comprising arms having their rear ends connected by a bar, and said arms being pivotally connected to the back frame, arms pivotally connected to the back frame and having their rear ends connected by a bar, links pivotally connecting said bars, a coil spring having its upper end connected to the second named bar, and its lower end connected to the first named bar, as and for the purpose set forth.

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

CHARLES C. BRADEN.

Witnesses:
GEO. H. KEYES, Jr.,
WM. H. DAGG.