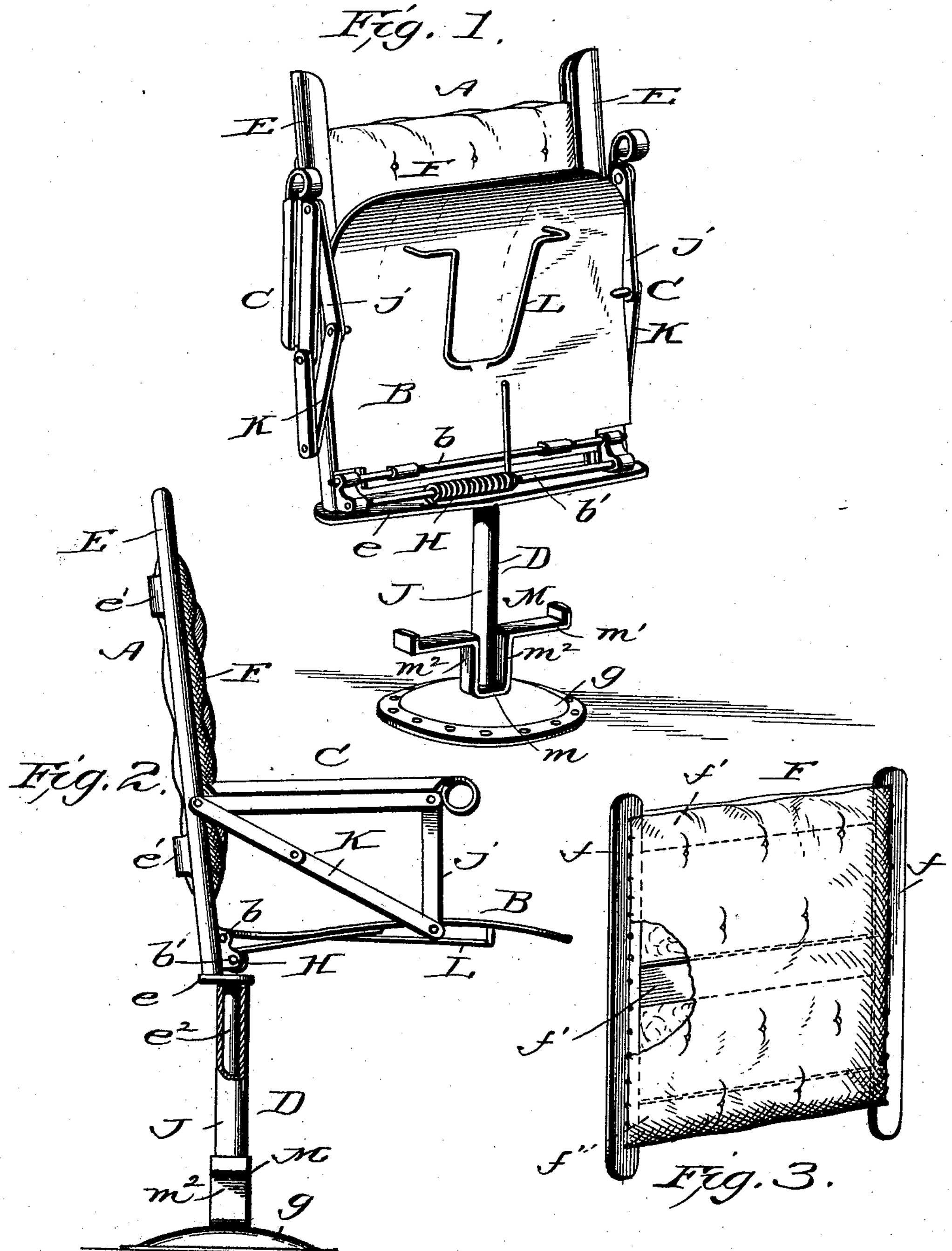
(No Model.)

G. A. KOLLENBERG.

CHAIR.

No. 523,287. Patented July 17, 1894.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE A. KOLLENBERG, OF OWENSBOROUGH, KENTUCKY, ASSIGNOR OF ONE-HALF TO SAMUEL LINDSAY McADAMS, OF SAME PLACE.

CHAIR.

SPECIFICATION forming part of Letters Patent No. 523,287, dated July 17, 1894.

Application filed August 31, 1893. Serial No. 484,505. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. KOLLENBERG, a citizen of the United States, residing at Owensborough, in the county of Daviess and State of Kentucky, have invented certain new and useful Improvements in 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.

This invention relates to chairs for theaters, churches and other structures where large assemblies are had and where it is designed to economize space and provide passages for the egress of persons when the said assemblage is dispersed.

The object of the invention is to provide a chair which will fold into a compact form, and which can be turned about a central support in any direction to facilitate the passage of persons to and from a seat remote from the main aisle.

The invention consists of the novel features and the peculiar construction and combination of the parts which will be hereinafter more fully described and claimed and which are shown in the annexed drawings, in which—

Figure 1 is a perspective view of a chair embodying my invention, showing the same in a folded or normal position. Fig. 2 is a side elevation showing the position of the chair when in use, the lower portion of the support being broken away to show the arrangement of parts whereby the chair is enabled to turn. Fig. 3 is a detail view of the frame forming the bases for the upholstered back.

The chair comprises essentially the back A the folding seat B, the folding arms C, and the vertical support D. The back is composed of a frame comprising grooved side bars E and a lower flat cross bar *e*, and a removable upholstered back F. The side bars E are strengthened by cross braces *e'* which also stiffen and support the upholstered back F. The side bars E are grooved in their opposing edges to form ways in which the edge portion of the back F slides and are preferably formed from plate metal which is cut the required shape and folded between its edges. A shank or stem e^2 depending from the cross bar *e* obtains a bearing in the tubular standard J rising from the base *g* which is suitably fastened to the floor of the structure in which the chair is placed. By this means the chair can be turned rapidly in any direction to facilitate the ingress and egress of a person from the said chair. The seat B is hinged at its rear end to a cross bar *b* which is supported at its ends by the side bars E. A coil spring H is mounted on a cross bar *b'* and has one end extended to engage with the cross bars E and the opposite end projected to engage with the under side of the seat B and hold the same in a folded position when not in use. The cross bar *b'* is located a little in advance of the cross bar *b* so there can be no interference between the spring H and the cross bar *b*.

The arms C are pivotally connected at their inner ends to the side bars E and links J connect the front end of the arms with the said seat. Toggle levers K are pivotally connected at their extremities to the side bars E and the seat by the same pivotal connection which fasten the arms and the links J to the said parts, respectively. These toggle levers K limit the downward movement of the seat and receive the strain and support the said seat when in use and are adapted to fold with the said seat when the latter is not in use. A hat holder L of any approved form of construction is attached to the under side of the seat and in the present instance is shown as composed of a stout wire bent in approximately a U-shape and having its ends bent outwardly and upwardly or toward the frame of the seat to which they are attached in any convenient manner.

The upholstered back F is composed of a frame comprising side bars *f* and cross bars *f'* and suitable upholstering secured to the said side bars *f* and stiffened by the cross bars *f'*. The side bars *f* are provided with a series of openings along the inner edges to provide means of attachment therewith of the upholstering. The cross bars *f'* strengthen and brace the side bars *f* and extending through the upholstering stiffens the latter. The outer edge portion of the side bars *f* are exposed and adapted to slide in the groove provided in the side bars E. The upholster-

ing and its supporting frame may be of any desired pattern and is adapted to be applied to and removed from the chair frame by sliding between the said side bars E; the upholstering is stitched to the frame.

The shank or stem e^2 and the tubular standard G constitute the vertical support D. The foot rest M is mounted on the vertical support and is adapted to turn thereon and is composed of a bar having its central portion m depressed and the ends of the horizontal portion m' bent upward to retain the feet in position on the said rest. By having the central portion of the bar depressed vertical portions m^2 are provided which extend up on each side of the vertical support D and brace the foot rest laterally as will be readily understood. If desired the seat can be upholstered or provided with a removable cushion, not shown.

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

1. In a chair the combination with a standard D adapted to support a chair, of a foot rest M mounted upon said standard at the base and adapted to turn thereon independent of the chair, said foot rest comprising the central lower portion m, the laterally projecting portions m' to support the feet and the vertical portions m^2 connecting the portions m and m' substantially as shown and described.

2. In a chair the combination with a standard D, of the shank or stem e^2, the flat cross piece e, the grooved side bars E, the back F comprising a sliding frame and upholstering cover, the bars b and b' connected with the back, the seat attached to the bar b, the spring H attached to the bar b', the arms C, the link j connecting the arms and seat, and the levers K connecting the back and seat all of said parts being arranged, substantially as shown and described.

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

GEORGE A. KOLLENBERG.

Witnesses:

ERNEST B. ANDERSON,

JOHN A. STUART.