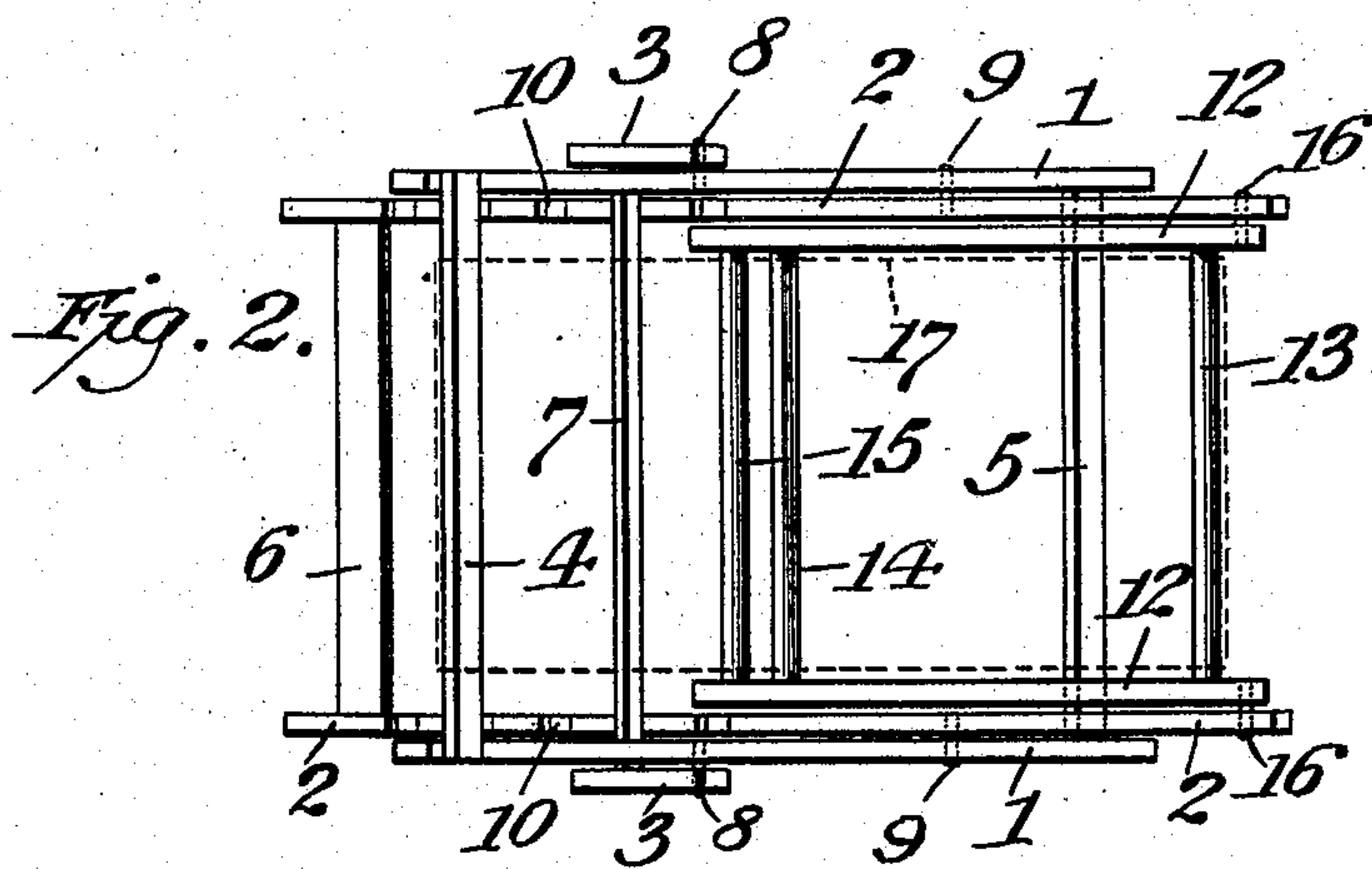
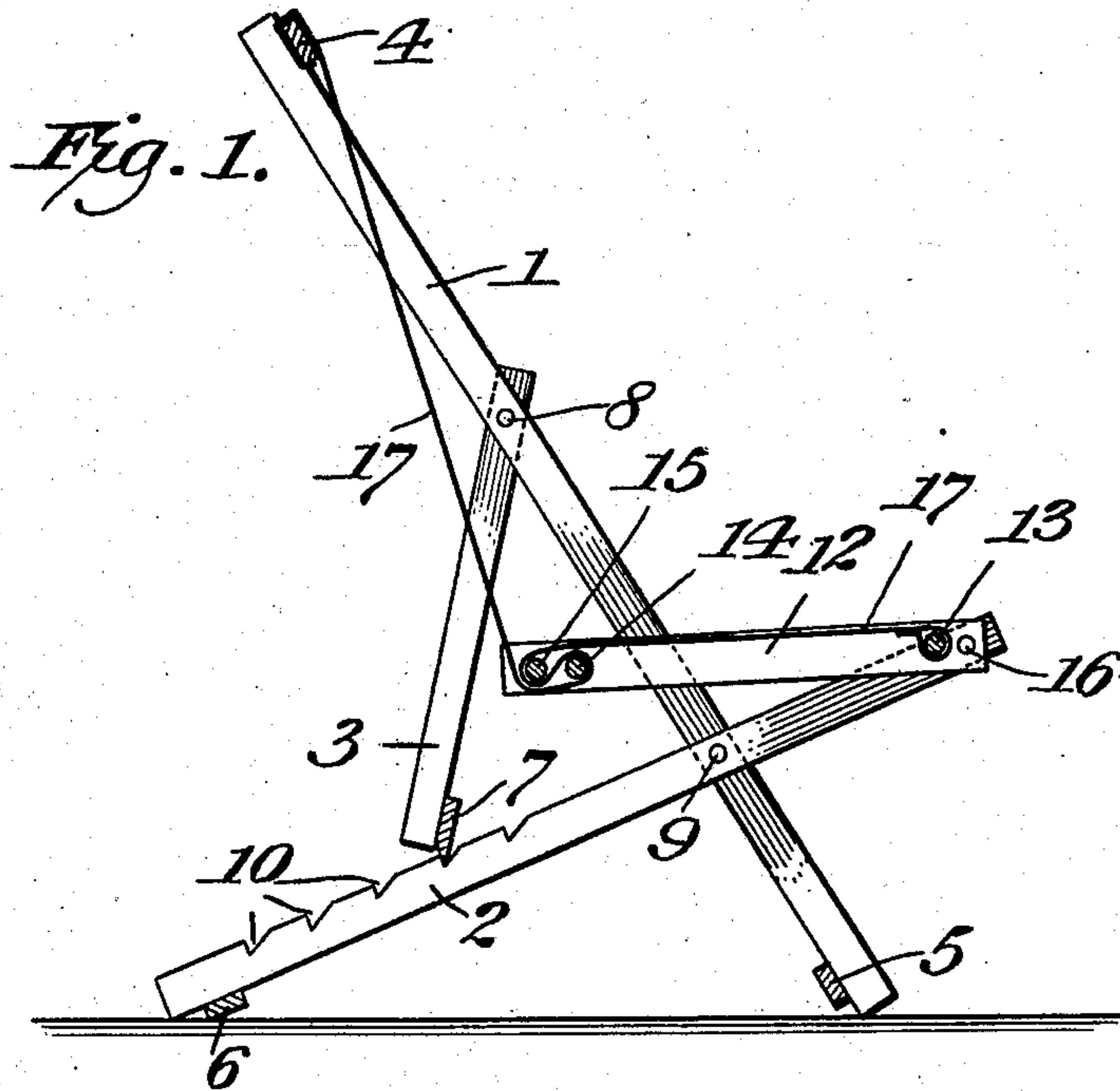


T. F. ROBINSON.
FOLDING AND ADJUSTABLE CHAIR.
APPLICATION FILED OCT. 8, 1907.

900,885.

Patented Oct. 13, 1908.



WITNESSES
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UNITED STATES PATENT OFFICE.

THOMAS FREDERICK ROBINSON, OF HARROGATE, ENGLAND.

FOLDING AND ADJUSTABLE CHAIR.

No. 900,885.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed October 8, 1907. Serial No. 396,399.

To all whom it may concern:

Be it known that I, THOMAS F. ROBINSON, a subject of the King of Great Britain, and residing at Harrogate, in the county of York, England, have invented certain new and useful Improvements in Folding and Adjustable Chairs, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in chairs, and particularly that type of folding or adjustable chair in which a length of canvas, or like material, is suspended on the frame of the chair, and forms both the seat and the back.

The object of this invention is to provide an equally comfortable seat at all angles of adjustment, and particularly, a more comfortable vertical sitting posture than is usual in chairs of this type as at present constructed.

In the drawings which accompany and form part of this specification; Figure 1 which is a sectional elevation shows my invention applied to one well known type of folding and adjustable chair; and, Fig. 2 shows a plan view of the same folded.

The reference figures refer to like parts in each view.

1—2—3 are the folding members of the chair connected in the usual manner by the cross bars 4—5—6—7, pivoted together at 8 and 9, and constituting the main frame of the chair.

10 are the usual notches into which the cross bar 7 is placed according to the adjustment required.

12 is a frame consisting of two side pieces connected together by cross bars 13—14—15. This frame is pivoted or hinged in any convenient manner, preferably at or near its front end, to the member 2 of the main frame, as shown at 16. The canvas or like material 17 is attached to the bar 13 passes over the bar 14, round the bar 15, round the bar 14—passing under that portion of the canvas which has already passed over 14—, and again round 15,— passing over that portion of the canvas which has already passed round 15—, and is then attached in the usual manner to the bar 4 on the main frame of the chair.

In Fig. 2 the canvas is indicated dotted, in order to show more clearly the frame 12 and

bars 13—14—15. The manner of securing the canvas to the bar 13 and passing it round the bars 14 and 15 as illustrated, affords a strong and convenient method of supporting the seat portion of the canvas, and permits of the seat and back portions being in one piece.

By constructing a chair with the frame or seat 12 as illustrated, an equally comfortable seat is provided at all angles of adjustment since no sag is produced in any portion of the canvas at any angle of adjustment; and in particular a more comfortable vertical sitting posture is provided, than is possible in chairs of this type as usually constructed where the canvas is merely attached to a bar such as 13 fitted on the member 2, and a bar 4 on the member 1. The feature of my invention is the suspension of the back of the frame or seat 12, on the canvas forming the back of the chair.

It is to be understood that this invention is applicable to chairs having main frames of types other than that illustrated, and also to swinging chairs, chairs for carrying invalids, chairs on wheels forming invalids' or children's carriages and the like.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

A folding chair provided with a seat frame pivoted at 16 and provided with a front transverse rod 13 and rear transverse rods 14 and 15, and a flexible sheet which is secured to the front transverse rod 14 and passed backwardly and over and around the rear transverse rod 15 and forwardly and upwardly and around the adjacent rod 14, and then back to and beneath the rod 15 from which it is carried up to and secured to the top of the back frame, said sheet being adapted to form the body portion of the seat and the body portion of the back of the chair, and being adjustable around the rods 14 and 15 so as to raise or lower the rear portion of the seat, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 25 day of September 1907.

THOMAS FREDERICK ROBINSON. [L. s.]

Witnesses:

PRESTON SCHORAK

ROBERT WM. WATSON.