

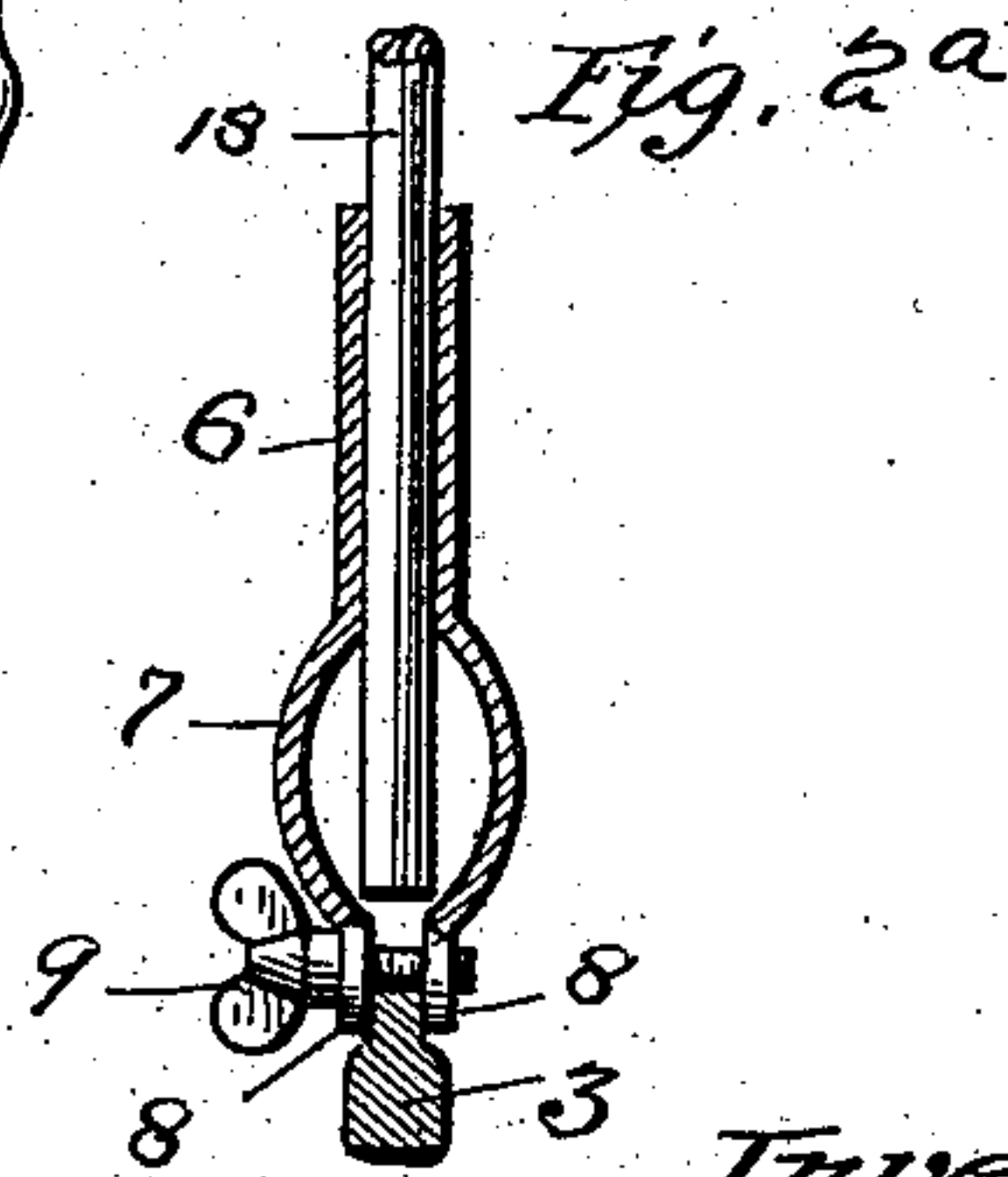
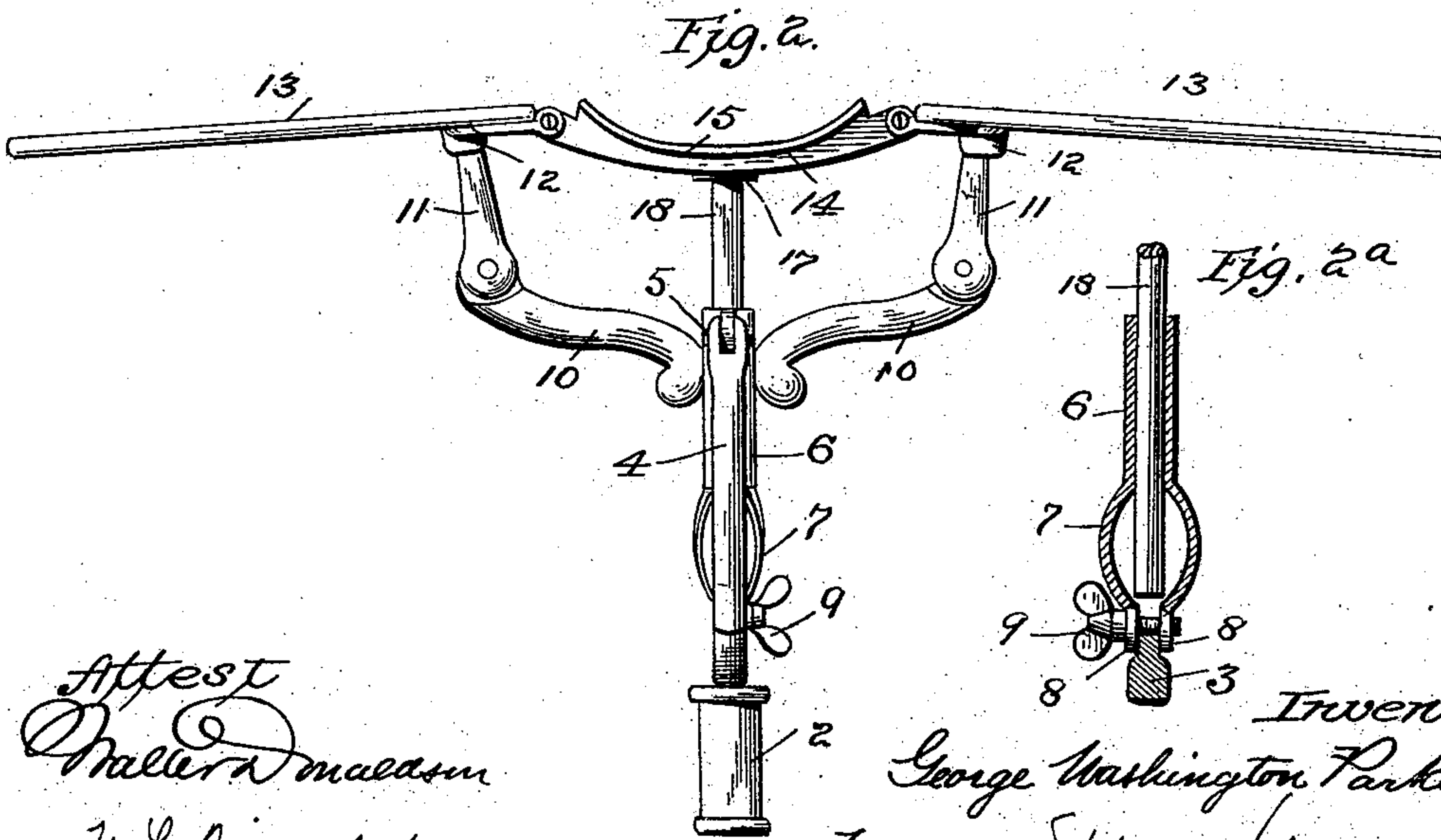
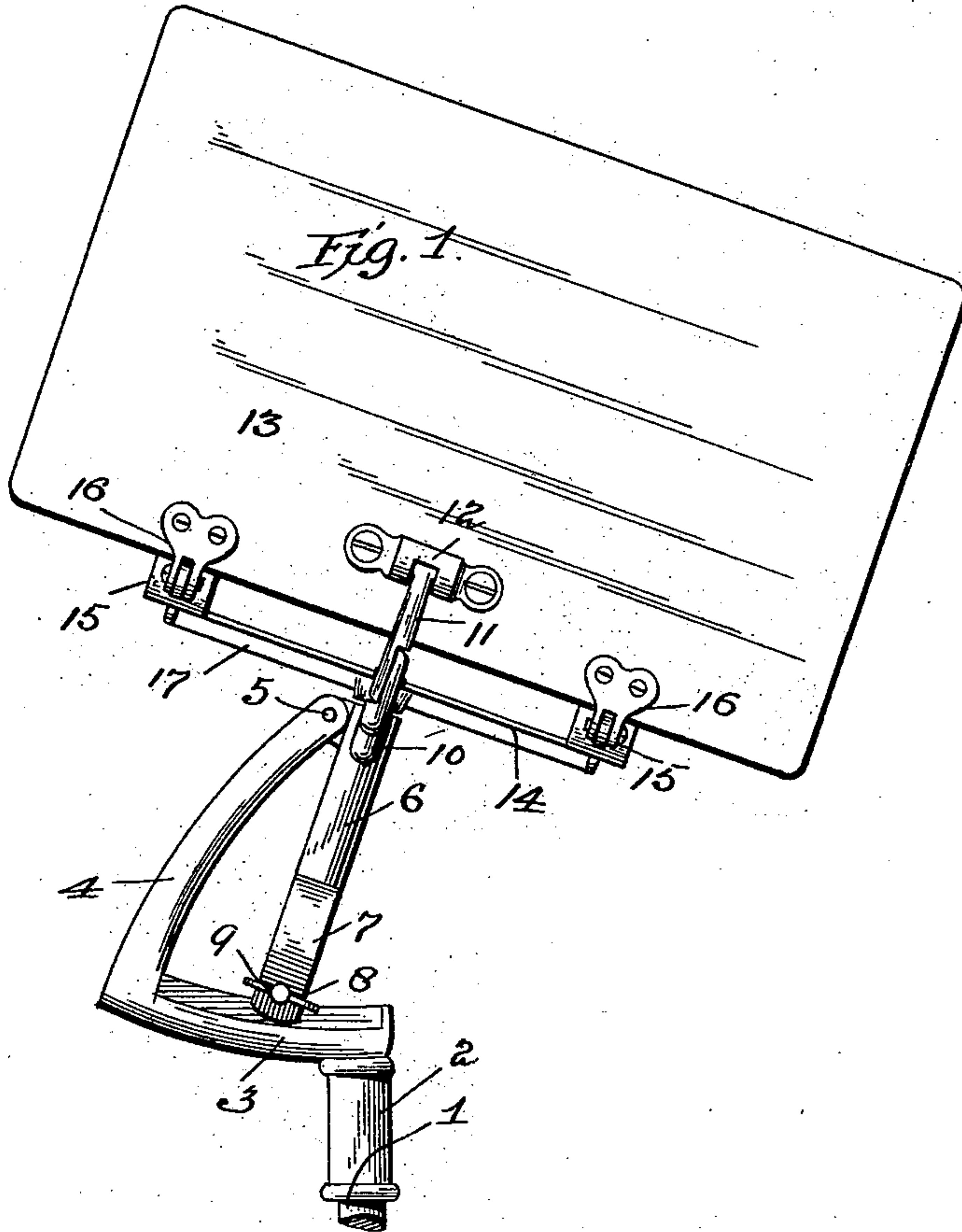
(No Model.)

2 Sheets—Sheet 1.

G. W. PARKER.
BOOK STAND OR HOLDER.

No. 543,810.

Patented July 30, 1895.



Attest
Hall & Madsen
J. L. Middleton

Inventor
George Washington Parker
by Mrs. Spar
Att'y.

(No Model.)

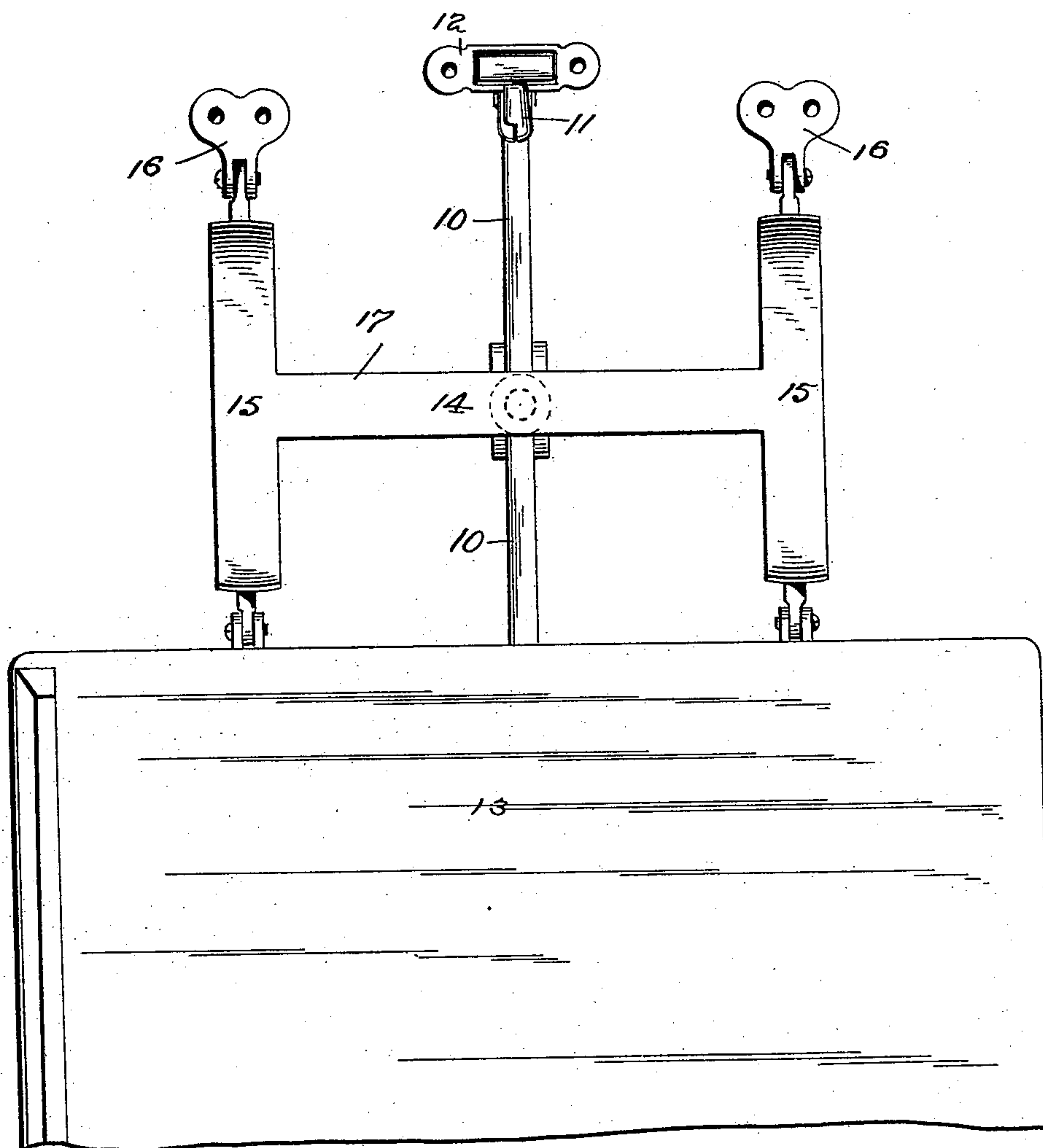
2 Sheets—Sheet 2.

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Fig. 3.



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Charles D. Mason
F. L. Middleton

Inventor
George Washington Parker
by *Wm. Spru*
Att.

UNITED STATES PATENT OFFICE.

GEORGE WASHINGTON PARKER, OF NEW YORK, N. Y., ASSIGNOR TO
WILLIAM HARRIS ARNOLD, OF SAME PLACE.

BOOK STAND OR HOLDER.

SPECIFICATION forming part of Letters Patent No. 543,810, dated July 30, 1895.

Application filed July 26, 1894. Serial No. 518,631. (No model.)

To all whom it may concern:

Be it known that I, GEORGE WASHINGTON PARKER, a citizen of the United States of America, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Book Stands or Holders, of which the following is a specification.

It is the object of my invention to provide a simple, inexpensive, and durable form of book-holder adapted to fold and unfold, and wherein the weight of the book will be utilized to hold the sides of the holder in closed position to clamp the book.

My invention includes folding sides carried by a vertically-moving frame, said frame being guided in a suitable socket, and the sides being controlled by links pivoted thereto and connected with the stationary part of the stand, whereby as the frame supporting the book moves vertically the said links will control the opening and closing movement of the sides and hold the book securely in either an open or closed position.

My invention includes also the special manner in which I provide for adjusting the book-holder as to inclination.

In the accompanying drawings, Figure 1 is a side view of the invention with the book-holding sides closed. Fig. 2 is a rear view with the parts in unfolded position. Fig. 2^a is a detail sectional view. Fig. 3 is a plan view with a portion of one side broken away.

The main part of the standard 1 is supported upon any suitable base, (not shown,) and at its upper end it supports a socket 2, having a segmental lateral extension 3, from the end of which an arm 4 extends inwardly over the segmental extension to a point nearly in the vertical plane of the vertical standard, and in the extreme end of this arm, at 5, a cylindrical head 6 is pivoted at its upper end, its lower end being formed with outwardly-curved arms 7, ending in clamping-jaws 8, embracing the edge of the lateral segmental extension. These jaws are pressed together to clamp the segmental edge by a clamp-screw 9, and by adjusting the same along the segment the inclination of the book may be changed. This cylindrical head, with its arms and clamping-

jaws, are all cast in one piece together with bracket-arms 10, projecting laterally from the upper end of the cylindrical head. To the outer ends of these brackets links 11 are pivoted, the opposite ends of which are pivoted in bearings 12 on the under side and near the adjacent edges of the folding sides 13, upon which the book is directly supported. These links are pivoted to the sides centrally between their front and rear edges. A vertically-moving frame 14 is also connected to the sides, said frame being made up of the curved cross-pieces 15, pivoted to the clips 16, secured to the edges of the sides 13, near the front and rear thereof, and a central bar 17, connected to these cross-pieces and carrying at its central point a post 18, moving vertically in the cylindrical head. This frame, together with the post and cylindrical head, control the lateral position of the sides and guide the parts in their folding and unfolding motion, making the movement of the two supporting sides with their links even in relation to each other. The relation between the parts is such that when the book is being folded the upper ends of the links will swing inwardly toward each other and will cross the planes of their pivotal connection with the bracket-arm, and as the vertically-moving frame falls under the weight of the book the said links will incline inwardly and the weight of the book will cause them to press the sides toward each other, thus clamping and holding the book firmly in place. In the opening movement the upper ends of the links will describe the rising end of an arc, the back of the book with the moving frame will move upwardly, being guided in this movement by the post in the cylindrical head, and after the upper ends of the links pass over their pivotal centers they describe a falling arc, thus opening the book completely, and having assumed an outward-inclined position will support the parts securely and evenly in this open position.

I claim—

1. In combination, the folding sides, the pivoted head, the support therefor and the frame for said sides arranged to raise and lower the book in the unfolding and folding

movements, said frame being carried by the pivoted head and having pivotal movement therewith, substantially as described.

2. In combination, the head the arms extending laterally therefrom, the folding sides, the links pivotally connected to said sides and the ends of said arms, the raising and lowering frame comprising the central bar and the cross pieces at each end thereof, the clips pivotally connecting said folding sides to each end of said cross pieces and the stud depending from the center of said frame and guided by a socket in said head, substantially as described.

3. In combination, the folding sides, the

main standard, the segmental extension secured on the upper end thereof, the supporting arm extending from said segmental extension, the head pivoted thereto, the connection between said head and the folding side and the clamp depending from said head and embracing said segmental extension, substantially as described.

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

GEORGE WASHINGTON PARKER.

Witnesses:

JAMES EVERETT COE,
WM. HENRY FOLSOM.