

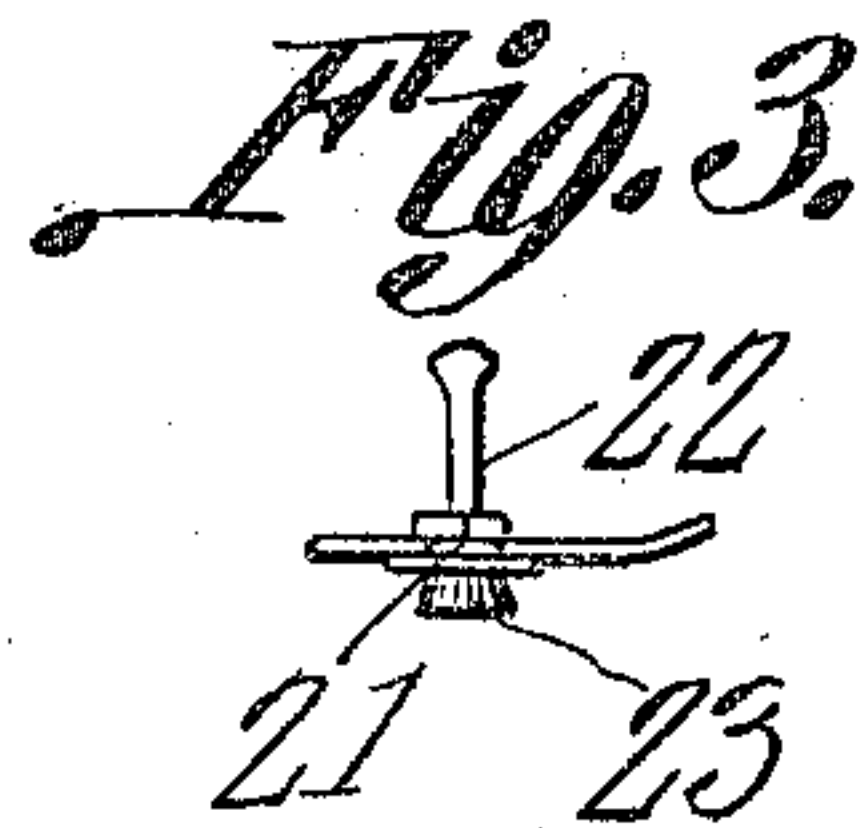
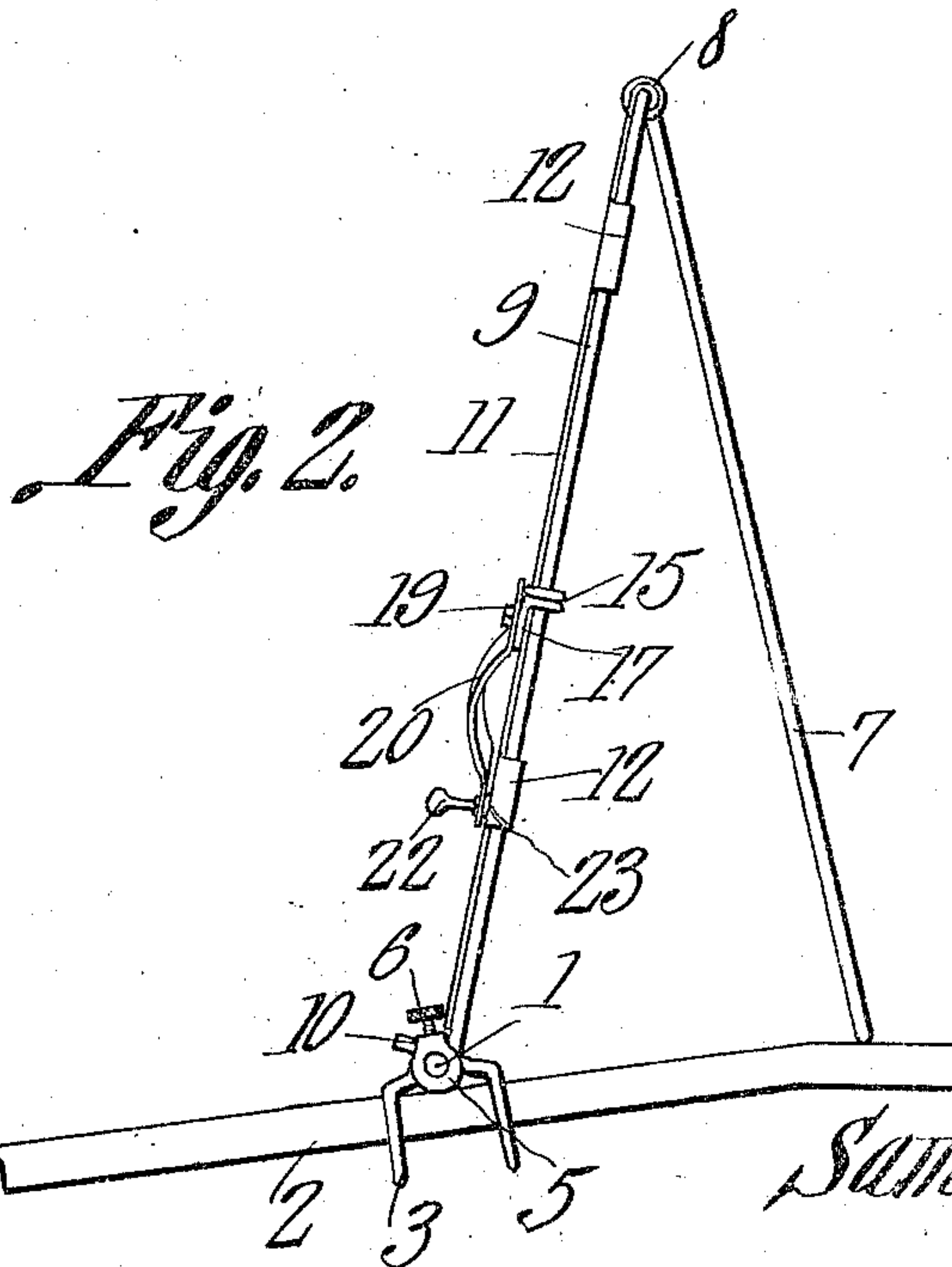
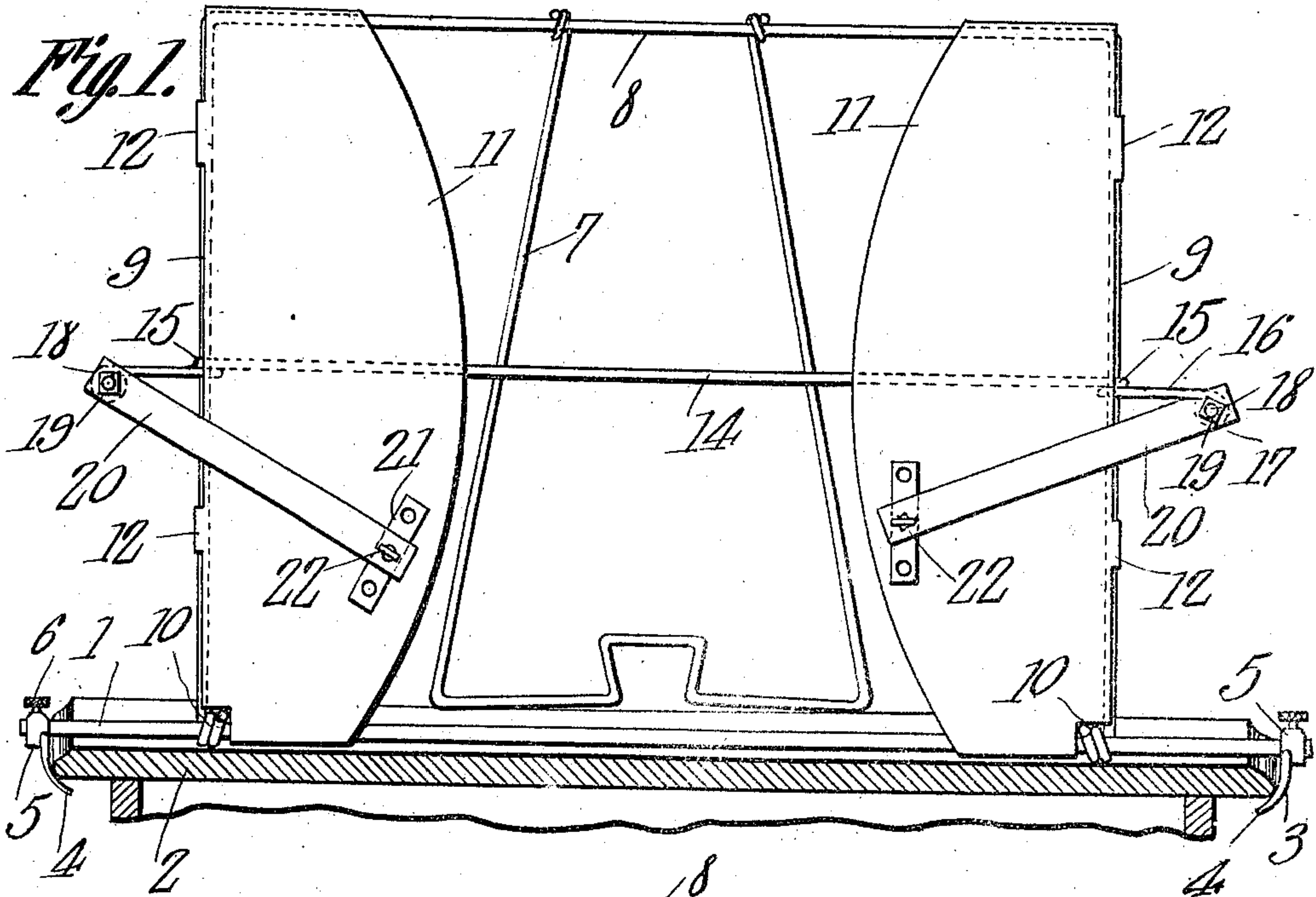
S. H. NUCKOLLS.

BOOK STAND.

APPLICATION FILED APR. 27, 1910.

989,633.

Patented Apr. 18, 1911.



Witnesses

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# UNITED STATES PATENT OFFICE.

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TO WILLIE W. RHAME, OF SUMMERVILLE, SOUTH CAROLINA.

## BOOK-STAND.

989,633.

Specification of Letters Patent.

Patented Apr. 18, 1911.

Application filed April 27, 1910. Serial No. 557,926.

*To all whom it may concern:*

Be it known that I, SAMUEL H. NUCKOLLS, a citizen of the United States, residing at Charleston, in the county of Charleston and State of South Carolina, have invented a new and useful Book-Stand, of which the following is a specification.

This invention relates to book-stands such as are particularly adapted for use in combination with school desks, although the stand of the present invention can be used in other connections if desired.

The object of the present invention is to provide a book-stand which can be easily and quickly adjusted in position upon a desk and which is adapted to be used in connection with books of various sizes.

A further object of the invention is to provide adjustable means by which the extreme edges of the pages of the book can be gripped so that the retaining means will not project over or interfere with the sight of the print.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of the claims without departing from the spirit of the invention.

In the accompanying drawings forming part of this specification:—Figure 1 is a front elevation of a book-stand constructed in accordance with the present invention. Fig. 2 is a side elevation showing the stand in position on a school desk. Fig. 3 is a detail view of one of the contact plates on the retaining arms.

Like reference numerals indicate corresponding parts in the different figures of the drawing.

The reference numeral 1 indicates a desk bar which extends transversely across the top 2 of the desk, and preferably is round in cross section. The desk bar 1 is provided at the ends thereof with clamping members 3 each of which preferably is formed with a pair of curved prongs 4 and an eye member or connecting piece 5 which is formed with an opening to receive the desk bar 1, a set screw 6 being provided in the head or eye portion 5 for the purpose of locking the

clamping member in any position to which it has been adjusted upon the desk bar 1. The prongs 4 of the two clamping members preferably project toward each other and are adapted to take a firm grip beneath the edge of the desk as shown in Fig. 1. By reason of the fact that the desk bar 1 is capable of rotation within the head 5 of the clamping members by merely loosening the set screw 6, it will be obvious that the book-stand can be swung in a pivotal manner upon the clamp. After the desk stand has been swung to the proper position, the set screw 6 can be tightened so as to hold it in such adjusted position if desired. The clamping members 3, however, are not relied upon entirely to hold the desk stand in adjusted position, as a prop member 7 is pivotally connected with the upper bar 8 of the rectangular frame of the stand, for this purpose. The prop member 7, preferably, although not essentially, is formed of a single piece of wire bent into approximately triangular shape, the free ends of the piece of wire being wrapped around the upper cross piece 8 of the frame, so as to provide a pivotal connection between the prop member and the frame proper. The cross piece 8 of the book stand preferably is formed of wire and is bent downward at its opposite ends as indicated at 9 to produce an approximately rectangular frame, the lower end of the vertically extending members 9 being bent or wrapped around the desk bar 1 in the form of an eye as indicated at 10.

If it be intended to secure the book stand with approximate permanency on the desk, that is if it be intended to keep the book-stand at all times in combination with the desk, the eyes 10 may be made loose on the cross bar 1 so as to permit pivotal movement of the frame on the cross bar without loosening the set screws 6, but this is not essential and if desired the eyes 10 may be tightened sufficiently to prevent relative rotation of the cross bar 1.

For the purpose of receiving the back of the book when in open position, wing plates 11 are connected with the frame. These wing plates preferably are formed of sheet metal provided with suitable flanges at their front, bottom and sides, as indicated at 12, the flanges 12 being wrapped or curled about the frame bars of the book-stand so as to hold the wing plates securely in position.



The inner edges of each of the wing plates 11 preferably although not essentially are convexed as shown.

Extending transversely across the book-stand about midway between the upper and lower edges thereof is a cross piece 14. The cross piece 14 is formed with eyes 15 which extend around the side bars 9 of the frame. The opposite ends of the intermediate cross piece 14 are extended beyond the side bars of the frame as indicated at 16 so as to form lateral extensions. The extreme ends of said extensions 16 are formed with eyes 17. Through each of the eyes 17 extends a bolt 18 which is provided with a nut 19. The bolt 18 serves as a fulcrum member for a spring plate 20 which preferably is formed of flat spring metal which is bowed as indicated in Fig. 2, the inner ends of each of the spring plates 20 being bent into proximity with the wing plates 11. The spring plates 20, which constitute retaining arms, are capable of pivotal movement in a plane parallel with the wing plates 11. Pivotally connected with the inner end of each of the retaining members 20 is an elongated contact member or plate 21 which normally extends transversely of the retaining member 20. The means for pivotally connecting the contact plate 21 with the retaining members 20 preferably consists of a bolt 22 which is extended at its outer end beyond the retaining member 20 as shown in Fig. 3 and is flat so as to produce a handle member. The flat handle member 22 can not only be used to swing the contact plate 21 with relation to the retaining arm 20 so as to cause said contact plate always to lie in parallelism with the edge of the book, but said handle can also be used for swinging the retaining member 20 upon its pivot 18 so as to cause it to accommodate books of different sizes. In or-

der to cause the contact plates to take a firm grip on the edges of the book and also to prevent them from tearing or abrading the paper, said plates preferably are provided at the ends thereof with teats 23 formed of rubber or other suitable contact material.

The book-stand of the present invention is capable of use in connection with books of various kinds and sizes. The contact plates 21 can be adjusted so as to fit upon the edges of the paper between the print and the edge of the leaf so as not to interfere with the free sight of the print. Moreover said book-stand is strong, simple, durable and inexpensive in construction as well as thoroughly practical and efficient in use.

What is claimed as new is:—

A book-stand having a round desk bar provided with adjustable clamps having double prongs extending in opposite directions, a rectangular frame connected with said desk bar, wing plates connected with said frame and having convex edges, a member pivotally connected with said frame, an intermediate bar connected with the side bars of said frame and lying in back of said wing plates, the ends of said intermediate bar being extended beyond the side bars of the frame, and provided with eyes, bowed spring retaining arms pivotally connected with said eyes, and bearing against said wing plates, contact plates provided with contact teats, and handle members extending through said retaining arms and pivotally connecting said contact plates therewith.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

SAMUEL H. NUCKOLLS.

Witnesses:

FRANK B. OCHSENPEITER,  
C. E. DOYLE.