

No. 751,408.

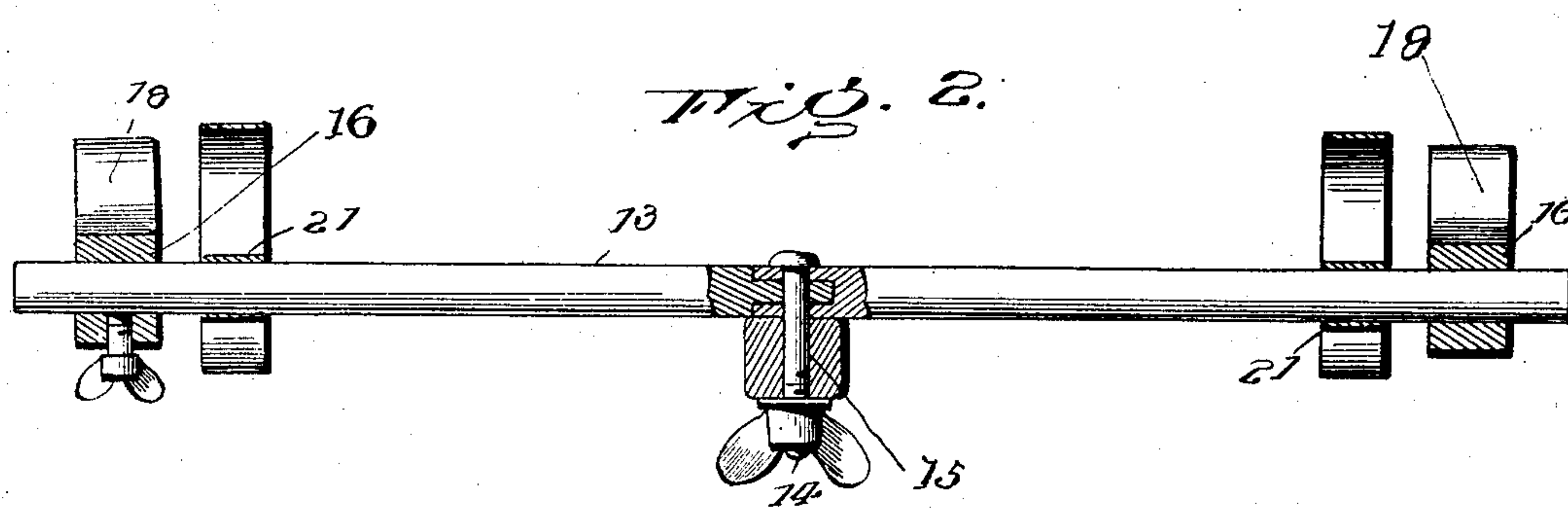
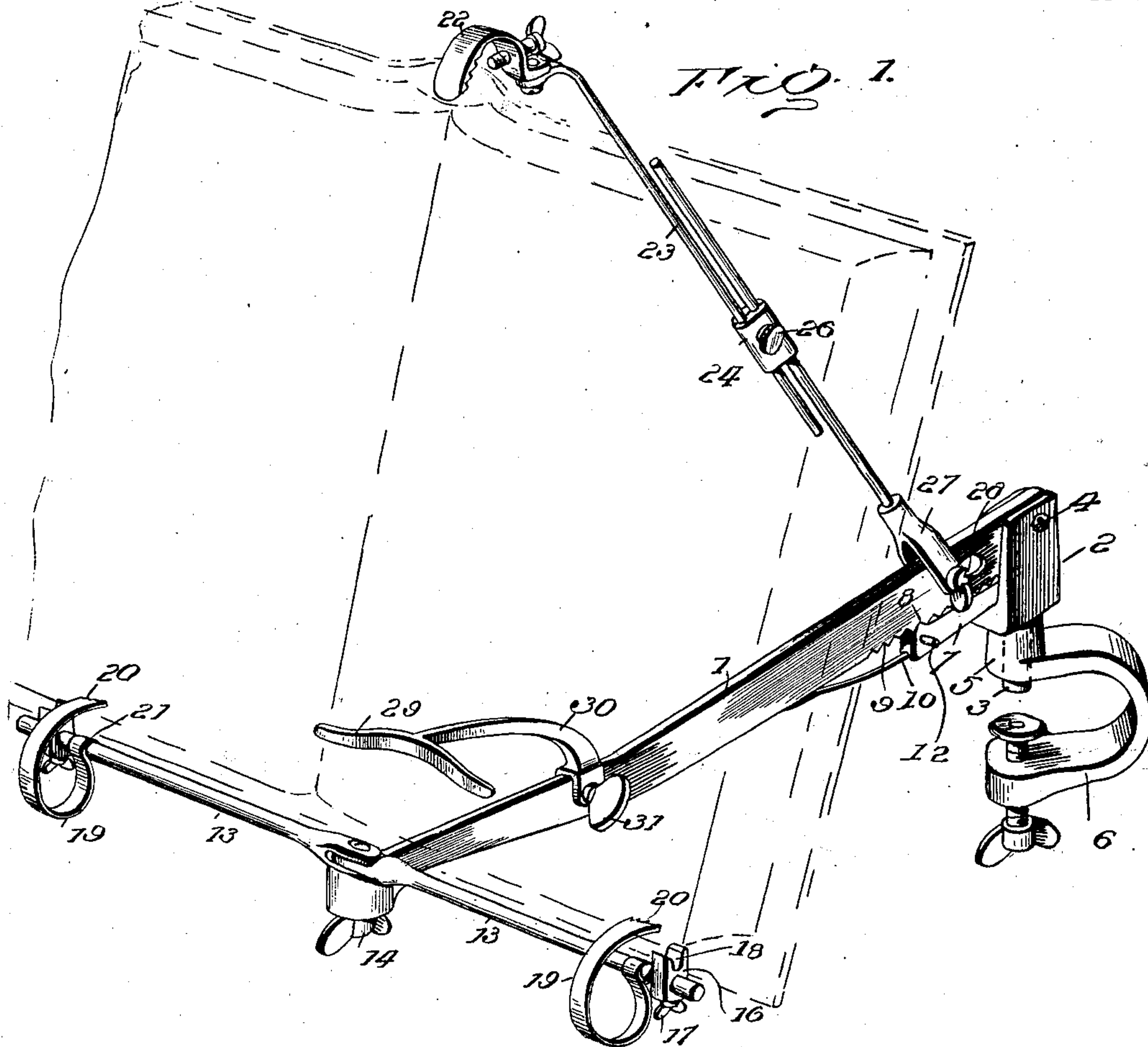
PATENTED FEB. 2, 1904.

J. P. PETTIT.
BOOK HOLDER.

APPLICATION FILED APR. 20, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



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Witnesses

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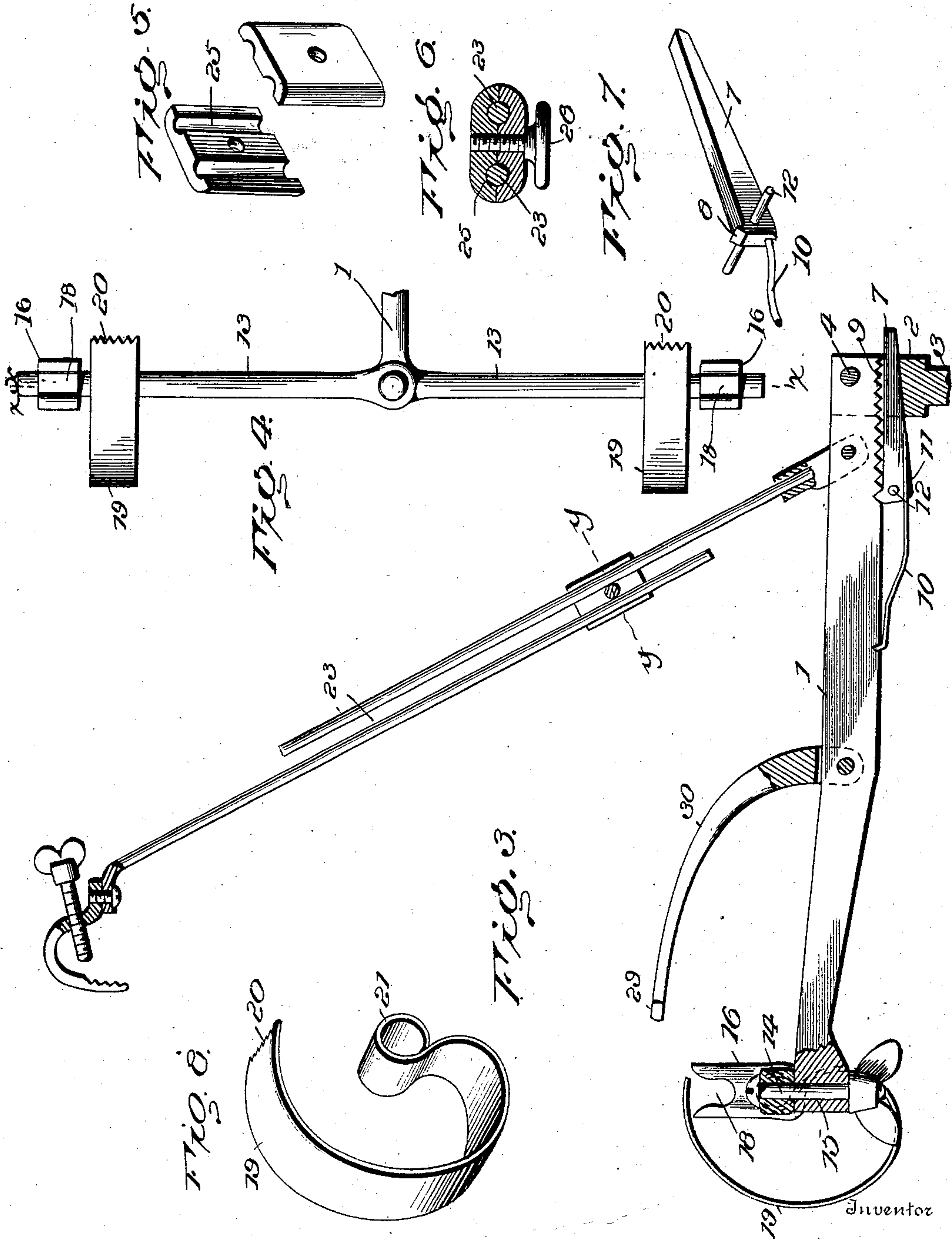
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UNITED STATES PATENT OFFICE.

JERRY P. PETTIT, OF NEWEAGLE MILLS, KENTUCKY.

BOOK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 751,408, dated February 2, 1904.

Application filed April 20, 1903. Serial No. 153,487. (No model.)

To all whom it may concern:

Be it known that I, JERRY P. PETTIT, a citizen of the United States, residing at Neweagle Mills, in the county of Grant and State of Kentucky, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

This invention provides a book-support of novel formation, adjustable to different sizes of books, capable of being folded into compact form for carrying or storing when not required for immediate use, and which will be light, present a neat appearance, and of such construction as to be applied to a table, stand, or other article of support.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a book-holder embodying the invention, same being illustrated in operative position. Fig. 2 is a vertical longitudinal section of the means for supporting the lower portion of the book, same being taken about on the line X X of Fig. 4, the supporting-arms being in full and having their pivotal ends broken away. Fig. 3 is a side view of the book-holder, parts being broken away. Fig. 4 is a top plan view of the supporting-arms having the leaf-holders and rests applied thereto. Fig. 5 is a detail view in perspective of the coupling, the parts being separated. Fig. 6 is a transverse section of the coupling and an extensible connection about on the line Y Y of Fig. 3 on a larger scale. Fig. 7 is a detail perspective view of the wedge for adjusting the inclination of the supporting-bar. Fig. 8 is a perspective view of a leaf-holder.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The bar 1 for sustaining the operating parts is mounted at its inner end, so as to swing laterally and vertically at its outer end to suit the convenience of the user. As shown, a lug 2, forked at its upper end and provided with a pendent journal 3, receives the inner end of bar 1 in the space formed between the fork members and is pivoted to the latter by the pin or fastening 4. Journal 3 is mounted in socket 5, whereby bar 1 may be swung laterally at its outer end to admit of conveniently positioning the book. Socket 5 may be attached to a table, stand, article of furniture, or other suitable support. As shown, this socket forms part of clamp 6, which is a convenient, simple, and effective means for attaching the book-holder to the support.

The supporting-bar 1 is adapted to be vertically adjusted at its outer end to admit of raising and lowering the book. This result is accomplished by means of wedge 7, which is fitted in the crotch of lug 2 beneath pivotal end of bar 1 and is adapted to be moved longitudinally, so as to effect vertical adjustment of bar 1 at its outer end. To prevent possible slipping of wedge 7, it is provided with tooth 8 to make interlocking connection with one of a series of teeth 9, provided at the lower edge of bar 1. Spring 10 is secured at one end to bar 1, and its opposite end exerts an upward pressure on the outer end of wedge 7 to hold tooth 8 in engagement with the selected tooth of the series of teeth 9. A groove 11 is formed in the lower side of wedge 7 and receives the free end of spring 10, thereby preventing lateral displacement thereof. For convenience of operating wedge 7 the latter is provided with pin 12, which is passed transversely through an opening thereof and projects beyond opposite sides of the wedge, so as to be gripped when moving wedge 7 in or out to effect angular adjustment of supporting-bar 1. Arms 13 have their inner ends overlapped and pivotally connected, preferably by means of clamp-bolt 14, the latter passing through vertical opening 15 in the outer widened end of bar 1. When clamp-bolt 14 is loosened, arms 13 may be turned with reference to each other and to bar 1, as may be required, either to admit of folding

the book-holder into compact form or for adjustment of the arms with reference to bar 1 to obtain any required position of the book. Rests 16 are mounted upon arms 13, so as to slide thereon, and are held in the adjusted position by means of clamp-screws 17. The upper ends of rests 16 are notched or forked, as shown at 18, to receive the lower edge of the covers, thereby preventing displacement of the book when properly applied to the holder. Leaf-holders 19 are likewise fitted to arms 13 and consist of springs of approximately C form, having their free ends toothed, as shown at 20, to prevent slipping of the leaves when the book and parts are in proper relation. The leaf-holders 19 are adapted to slide and to turn upon arms 13, the sliding movement admitting of adjusting the leaf-holders to engage with the leaves of the book at any required distance from the fold or back and the turning movement providing for moving the leaf-holders out of the way when it is required to turn the leaves of the book. The ends of the leaf-holders receiving arms 13 are formed into spring-rolls 21, so as to grip arms 13 with sufficient friction to hold them in place against casual displacement.

An adjustable brace connection is applied to the rear end of bar 1 and is provided at its upper end with clamp 22 for engagement with the back of the book, so as to cooperate with rests 16 for holding the book securely in place. This connection is extensible and comprises rods 23 and coupling 24, the latter consisting of clamp-plates having matching grooves 25 in their meeting sides to receive rods 23, and said clamp-plate being secured by means of clamp-screw 26. Clip 27 is applied to the lower end of one of the rods 23 and is adjustably connected to bar 1 by means of clamp-screw 28, threaded into a member or fork side of clip 27. Back-clamp 22 is pivotally connected to the upper end of the other rod 23. The connection besides being extensible is adapted to be secured to bar 1 in an adjusted position, thereby providing a variety of adjustments for the parts.

The book, as indicated by the dotted lines in Fig. 1, is supported from the rear at its lower end by means of rest 29 and brace 30, the latter being adjustable upon bar 1 and secured in an adjusted position by clamp-screw 31. The back-rest 29 is curved to conform approximately to the curvature of the back of the book when the latter is open. The proper set to the book may be obtained by moving rest 29 either forward or backward upon bar 1, as will be readily comprehended.

Having thus described the invention, what is claimed as new is—

1. In a book-holder, a support, a bar pivoted at one end to the support and provided at its opposite end with book-supporting means, a wedge slidable between the pivotal end of the bar and its support, interlocking teeth formed with the wedge and bar, a pin applied to and projected from opposite sides of the wedge, and a spring for holding the wedge to the bar in an adjusted position, substantially as specified.

2. In a book-holder, the combination of an approximately horizontal bar provided with means at one end for supporting the lower portion of a book, a clamp for engagement with the back of the book at its upper end, and an extensible brace connection between the said clamp and the opposite end of the said horizontal bar to admit of varying the inclination of the book, substantially as described.

3. In a book-holder, the combination of a supporting-bar provided with means for supporting the lower portion of a book, a back-clamp for attachment to the back of the book at its upper end, an extensible connection having said back-clamp pivoted thereto, and means for connecting the extensible connection to the bar at an adjusted position, substantially as specified.

4. In a book-holder, the combination with an approximately horizontal bar provided with means for supporting the lower portion of a book, a back-clamp for attachment to the back of the book at its upper end, companion rods constituting parts of an extensible connection, one of said rods having the back-clamp pivoted thereto, a coupling for adjustably connecting said rods, and a clip applied to the lower end of the other rod and adapted to be adjustably connected with the aforementioned bar, substantially as set forth.

5. In a book-holder, and in combination with an approximately horizontal bar provided at one end with means for supporting the lower portion of a book, a clamp for engagement with the upper portion of the book, means for adjustably connecting the clamp with the opposite end portion of the bar, and a rest adjustable on the bar for supporting the book between its upper and lower ends, substantially as set forth.

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

JERRY P. PETTIT. [L. s.]

Witnesses:

J. M. BEVERLY,
L. C. PETTIT.