

No. 676,443.

Patented June 18, 1901.

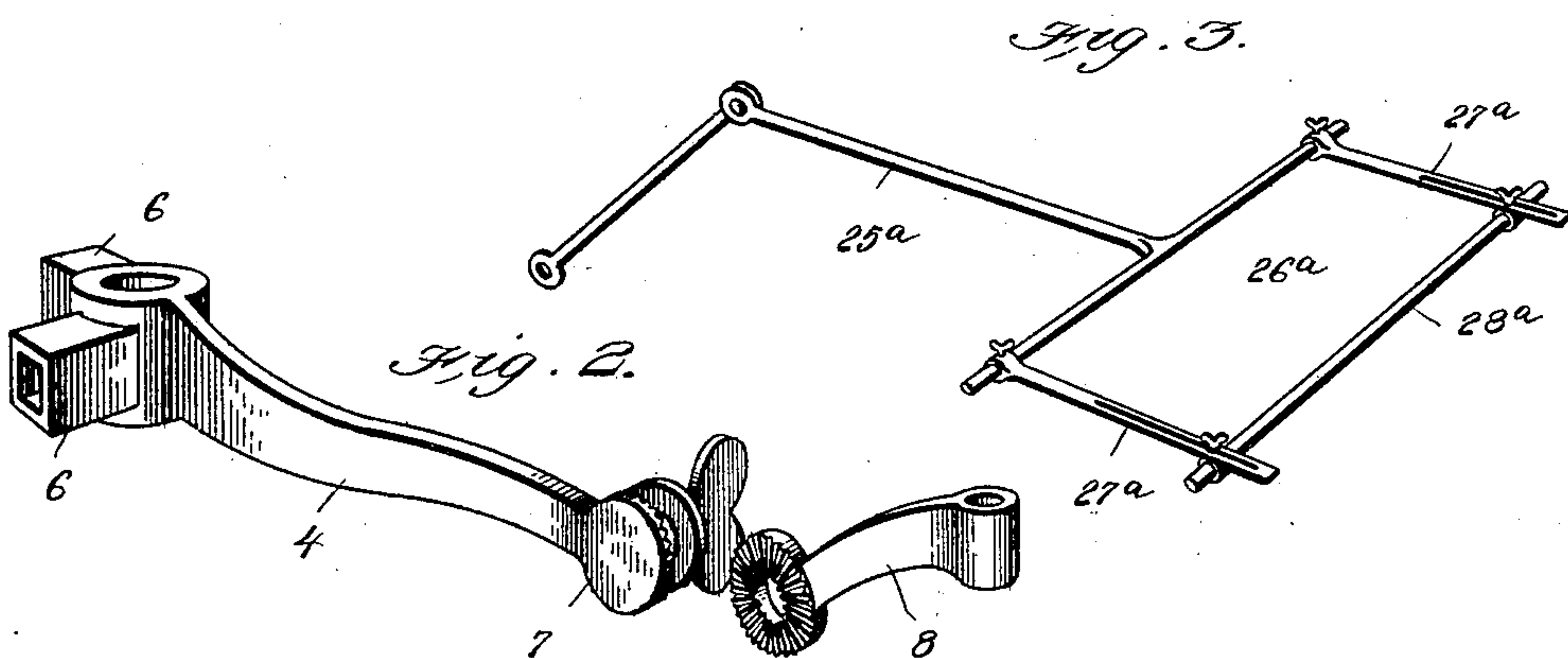
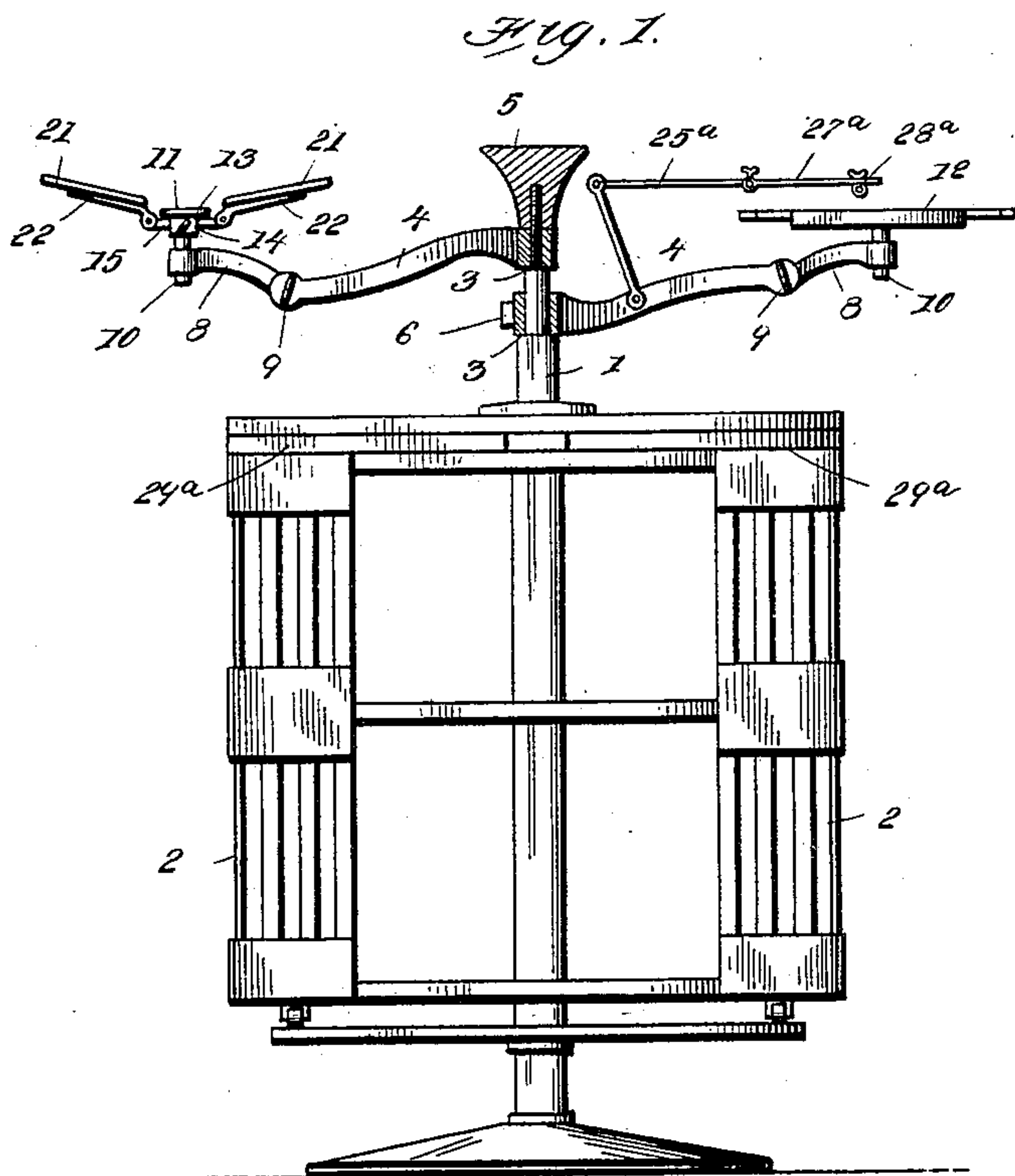
S. C. PARISH & J. H. LAND.

BOOK SUPPORT.

(Application filed Mar. 17, 1900.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses

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2 Sheets—Sheet 2.

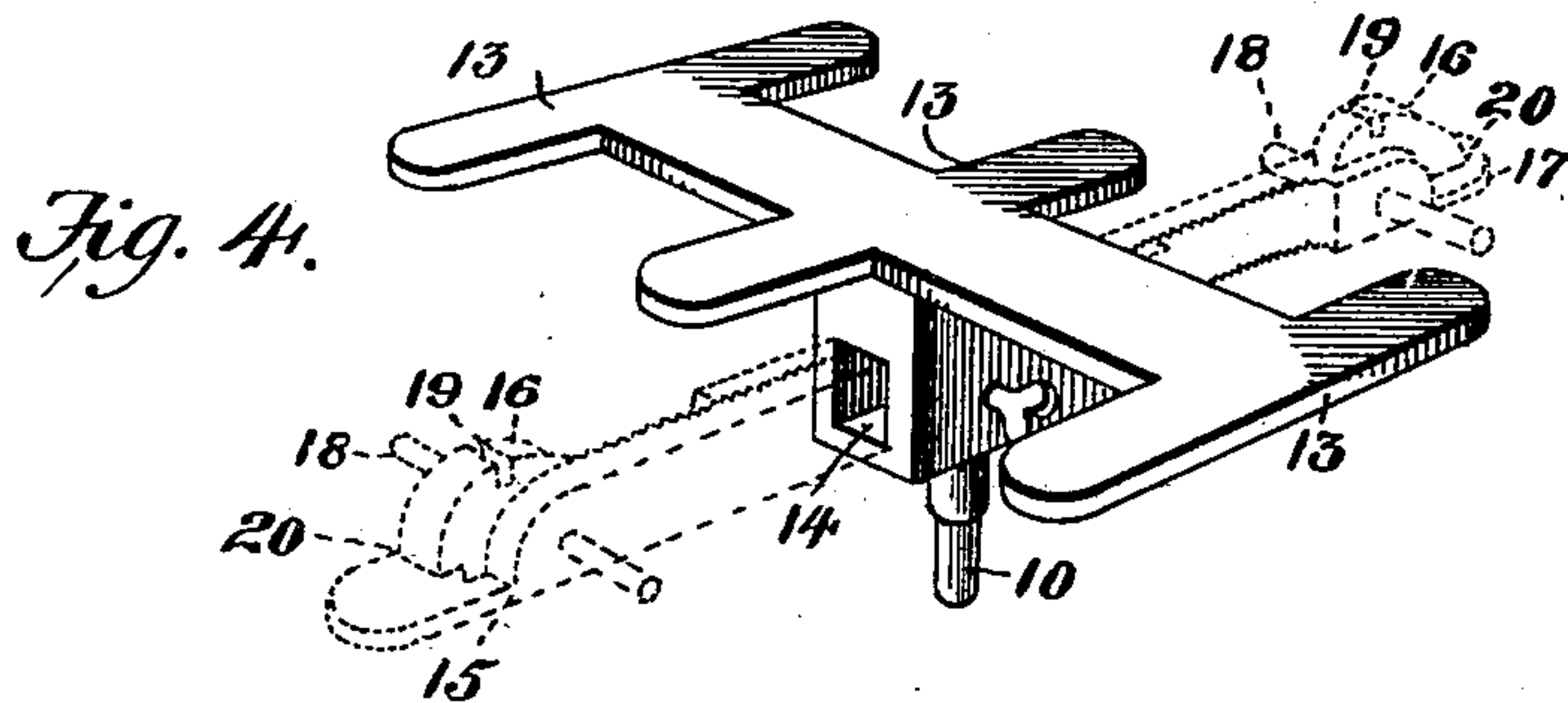


Fig. 5

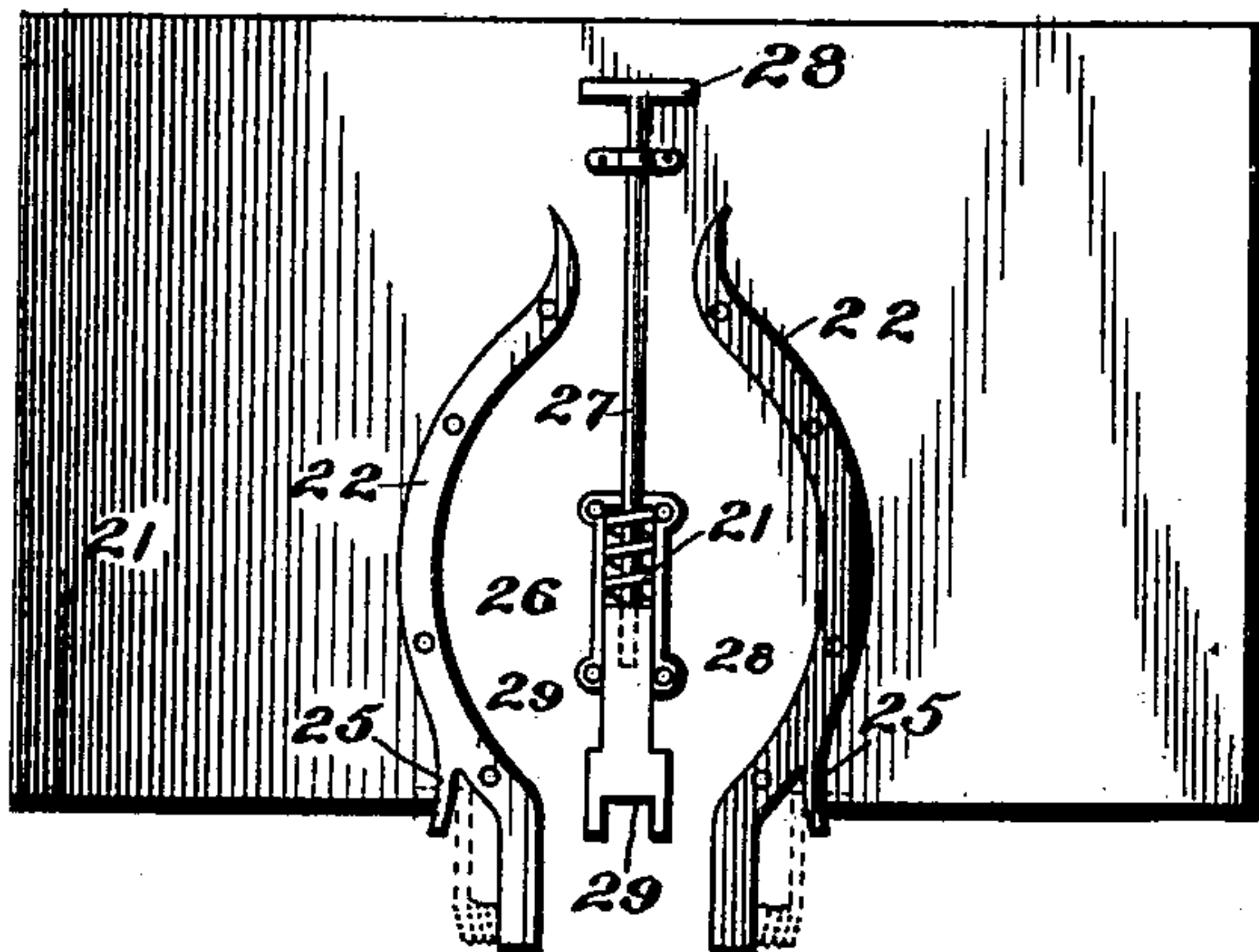


Fig. 6.

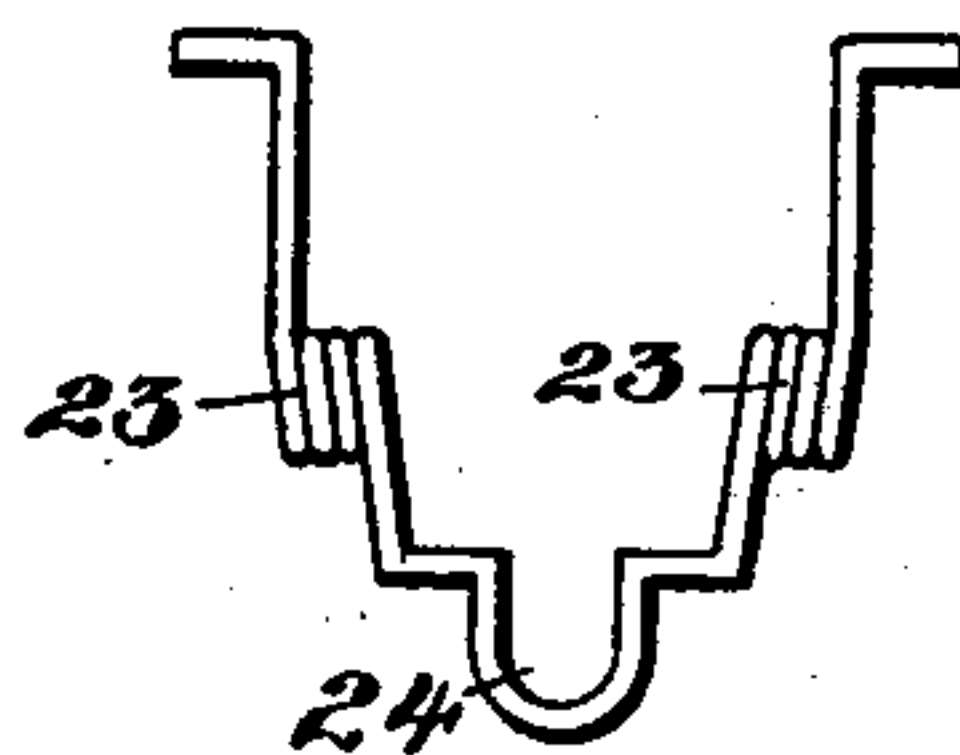
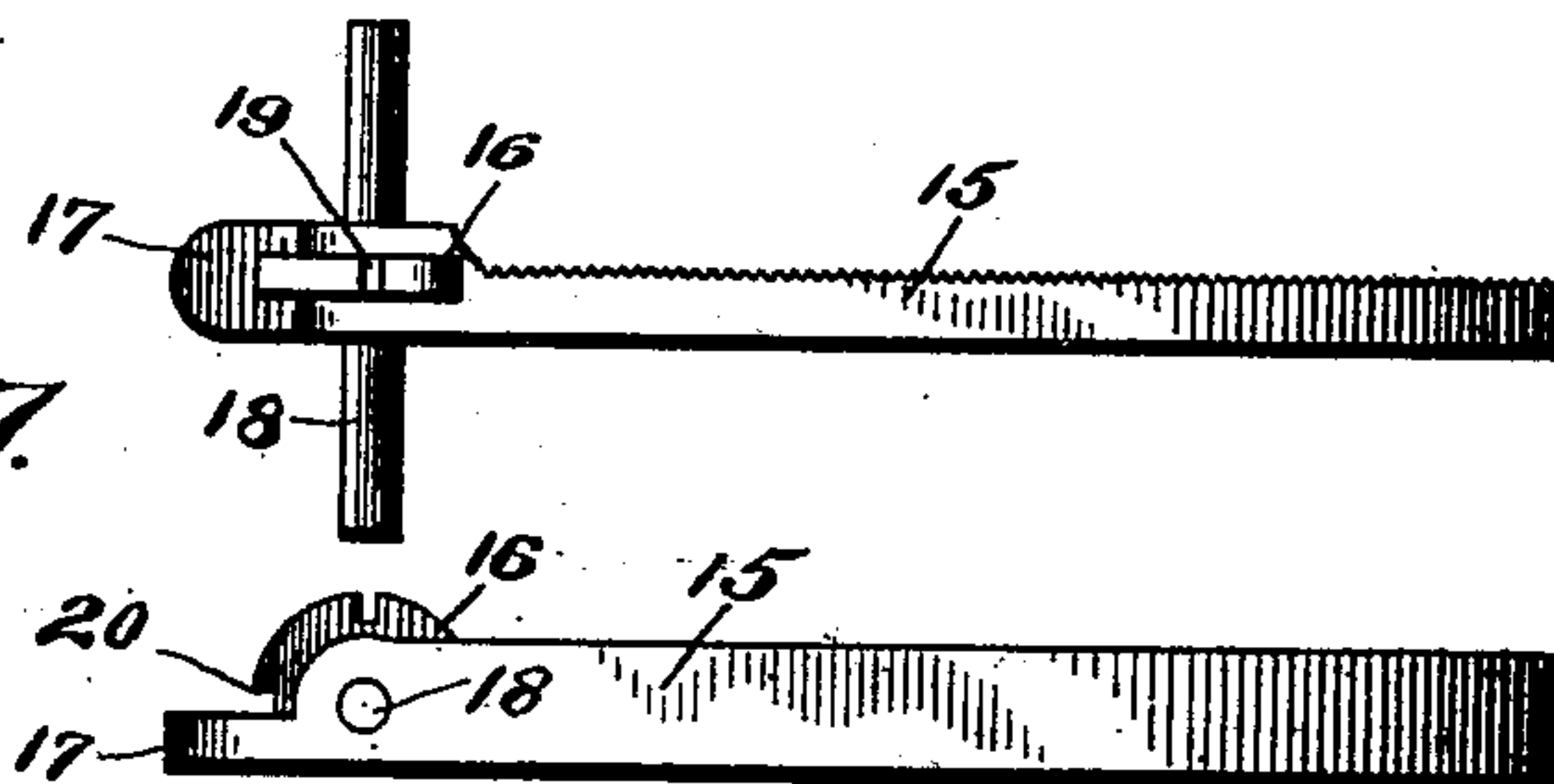


Fig. 7.



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UNITED STATES PATENT OFFICE.

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BOOK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 676,443, dated June 18, 1901.

Application filed March 17, 1900. Serial No. 9,103. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL C. PARISH and JAMES H. LAND, citizens of the United States, residing at Huntingdon, in the county of Carroll and State of Tennessee, have invented a new and useful Improvement in Book-Supports, of which the following is a specification.

Our invention relates to improvements in book-holders combined with study-leaf, lamp-holder, and revolving bookcase and writing-desk.

The object of the entire combination is the convenience of students.

The object of the book-holder is to furnish a convenient means for using a large book—as, for instance, a dictionary—and moving and adjusting it to any angle.

The object of the study-leaf is to provide a suitable movable support for a book that is being read and for holding the book open and marking the place to which the reader has read and to keep the book elevated at a proper angle.

The object of the combination of the book-holder and study-leaf with a lamp-holder is to enable the student who is reading his own or any foreign language to keep the dictionary where it can be quickly referred to, day or night, without requiring him to leave his seat to have access to it.

With these objects in view our invention consists in the improved construction and novel arrangement of parts of a combined book-holder, study-leaf, and lamp-holder with bookcase and writing-desk, as will be hereinafter more fully set forth.

In the accompanying drawings, in which the same reference-numerals indicate corresponding parts in each of the views in which they occur, Figure 1 is a plan view, partly in section, of our invention. Fig. 2 is a perspective view of one of the supporting-arms separated. Fig. 3 is a similar view of the book-marker. Fig. 4 is a similar view of the base of the book-holder. Fig. 5 is a bottom plan view, partly in section, of one of the book-holder leaves. Fig. 6 is a view of the spring for operating the same. Fig. 7 is a detail view of the leaf-supports in top and side elevation.

Referring more particularly to the draw-

ings, 1 indicates the stand or main support of our improved book-holder, study-leaf, and lamp-holder, the bottom of which is enlarged and preferably perforated for the purpose of securing it in any desired position—as, for instance, on top of a revolving bookcase 2. The main portion of the standard is cylindrical in cross-section and provided with a series of shoulders 3, by means of which arms 4 are mounted, so as to be revolved thereon, one above the other. The lamp-support 5 is provided with a hollow stem which fits on top of the standard above the arms and has its upper portion flattened and expanded for the reception of a lamp or other article.

The base or sleeve of one of the arms may be provided with radially-projecting sockets 6 for the reception of additional arms, which may be removably secured therein, but which we have not shown, for the reception of other books or articles, or, if desired, the number of arms upon the standard may be increased so as to permit each arm being provided with a separate base, whereby it can be moved independently of the other arms. The outer end of each arm is preferably slotted vertically, and one or both sides of the slot is provided with an enlargement 7, the inner face of which may be roughened or corrugated for engagement with a correspondingly enlarged and roughened end of the bracket 8, which is adjustably clamped thereto by means of a set-screw 9. The outer end of said bracket is perforated vertically for the reception of a stud or projection 10 on the base of the book-holder 11 or study-leaf 12.

The base of the book-holder is provided with transversely-arranged arms 13, which are of sufficient length to properly hold the book that is supported thereby. Arranged transversely of the base near its center is a perforation 14, through which the ends of two hinge-carriers 15 project. The opposing faces of the hinge-carriers are preferably corrugated, so as to be held in engagement with each other by means of a set-screw into the opening 14 in the base. The outer end of each of said carriers is provided with a curved rib 16, a projection 17, and a transverse pin 18. The inner end of the rib is provided with a notch 19, which is located at the upper surface of the hinge-carrier almost ver-

tically above the transverse pin, and a transverse notch 20 is formed in the outer end of the carrier, between the outer end of the rib 16 and the projection 17.

5 The sides or leaves of the book-holder each consists of a flat side board 21, to the rear of which is secured by screws or otherwise two arms 22, the lower ends of which are perforated and fit on the ends of the pin 18 upon
10 opposite sides of the carrier. Fitting upon the ends of the pin beyond the arms are the coils 23 of a spring, the central portion of which is provided with a U-shaped bend 24 to permit of the coils being separated far
15 enough to be placed upon the pin and to afford a support to prevent the coils from turning, and the ends of the coils each bears against a projection 25 upon the arms 22 for the purpose of forcing the leaves of the
20 holder toward each other. Rigidly secured to the rear of the leaf, between the arms 22, is a hollow casing 26, through which extends a rod 27, the upper end of which is provided with a suitable handle 28 for operating the
25 rod, and the other end is enlarged to form a shoulder and is also forked, as shown at 29, to pass upon the opposite sides of the hinge-carriers and to engage with the notches 19 and 20. A coil-spring 21 surrounds the rod
30 within the casing and has one end in engagement with the shoulder on the rod and the other end in engagement with the upper end of the casing. The pressure of the spring normally forces the lower end of the rod into en-
35 gagement with one or the other of the notches and holds the book-holder closed or open, as the case may be. When it is desired to change the position of the leaf, the rod is drawn outward, so as to disconnect its inner end from
40 the notch, when the leaf can be turned upon the pin 18, forming its hinge. If it be desired to introduce a larger book into the holder, the set-screw at the perforation 14 is released and the hinge-carriers are moved outward a suf-
45 ficient distance to permit of the desired book fitting closely between the leaves of the holder.

An adjustable arm 25^a is pivotally secured to the arm 4 near the standard 1. The outer
50 end of the arm is provided with a cross-head 26^a, to the outer ends of which are adjustably secured two rods 27^a. The cross-bar 28 is adjustably secured to the rods in any suitable manner, so that it can be used for indi-
55 cating any desired line upon the page.

Where the standard is located upon the top of a revolving bookcase, we prefer to provide the top of the case with one or more slide-leaves 29^a, which may be drawn out and

utilized as a writing-desk at any time. The 60 bookcase is preferably provided with casters for moving it about the floor and has its shelves provided with projections or processes at each corner, to which the sides of the case are fastened in the usual manner. The 65 bottom shelf may be provided with rollers, which run upon a track on the base of the standard to permit of the easy rotation of the shelves and their contents.

As above described it will be seen that our 70 invention comprises a device which is of great utility and convenience to a student or other person requiring access to one or more large books and writing extracts from or comments upon the contents of the books. The 75 entire device will occupy but little space, and is therefore very desirable in a student's room, as well as in a library. The parts can be made very strong and durable and are so simple and easily operated that they are not 80 liable to get out of order or to become inoperative.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent of the United States, is— 85

1. The combination, with a shouldered standard, of arms rotatably mounted thereon, each upon a shoulder and provided with a sleeve at one end and a support at its free end, the sleeve of one of the arms being pro- 90 vided with sockets for the reception of extra arms, and a hollow-stemmed lamp-support on the standard above the arms.

2. The combination, with a standard, of an arm rotatably mounted thereon, the outer 95 end of which is provided with an adjustable bracket, of a perforated base secured thereto and provided with a set-screw, oppositely-extending hinge-carriers through said perforation, the outer end of each of which is pro- 100 vided with a notched rib, a projection, a laterally-extending piece, a leaf provided with perforated arms for engaging said piece, a coiled spring upon said piece for engaging with the arms of the leaf and moving them 105 toward each other, a casing on the leaf, a shouldered rod through said casing, the upper end of which is provided with a handle, and the lower end is forked and adapted to engage with said notches, and a spring in the 110 casing for engaging with the shoulder and normally forcing the same outward, substantially as described.

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