

E. S. ANTISDALE.

BOOK HOLDER.

APPLICATION FILED OCT. 10, 1908.

931,111.

Patented Aug. 17, 1909.

3 SHEETS—SHEET 1.

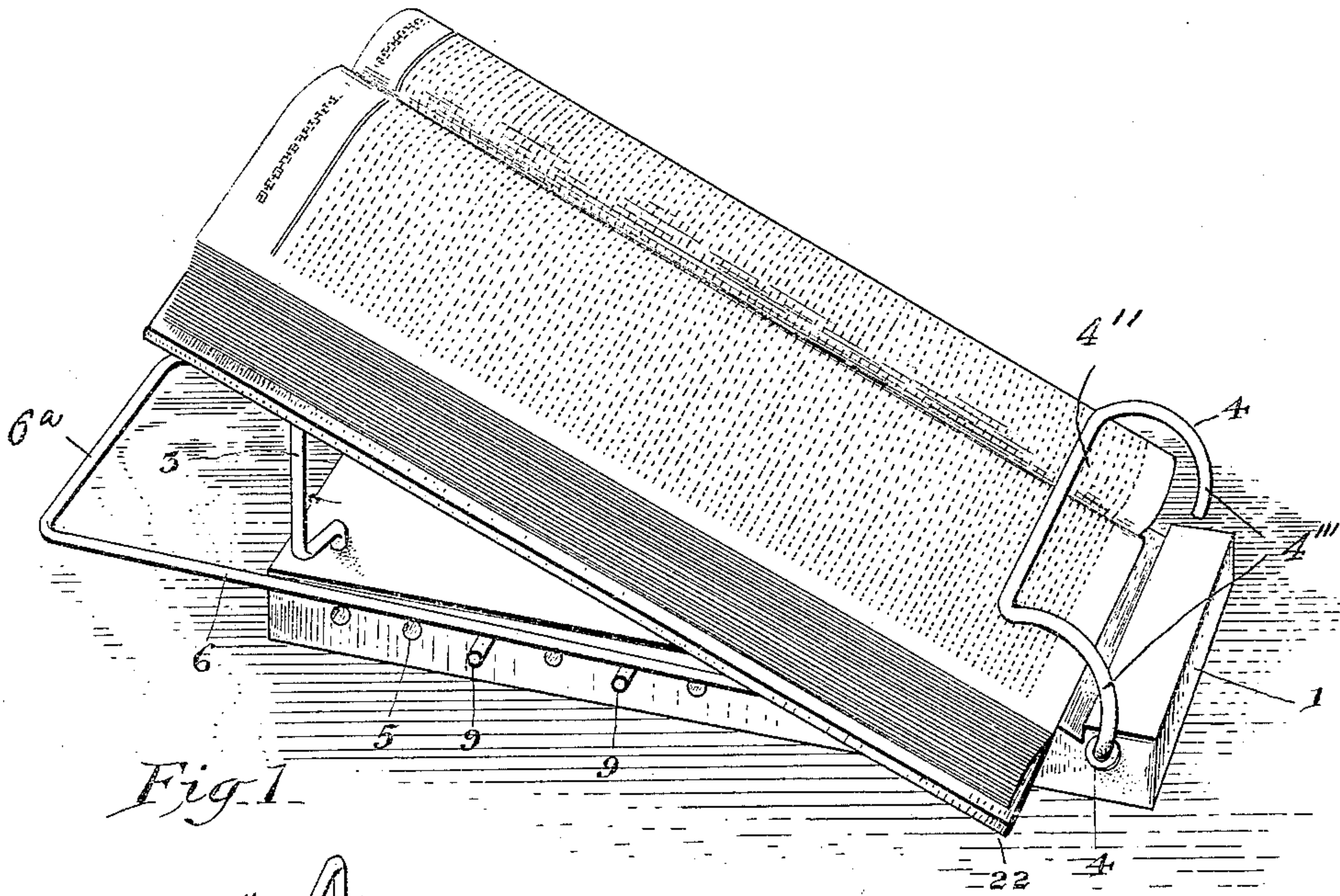


Fig. 1

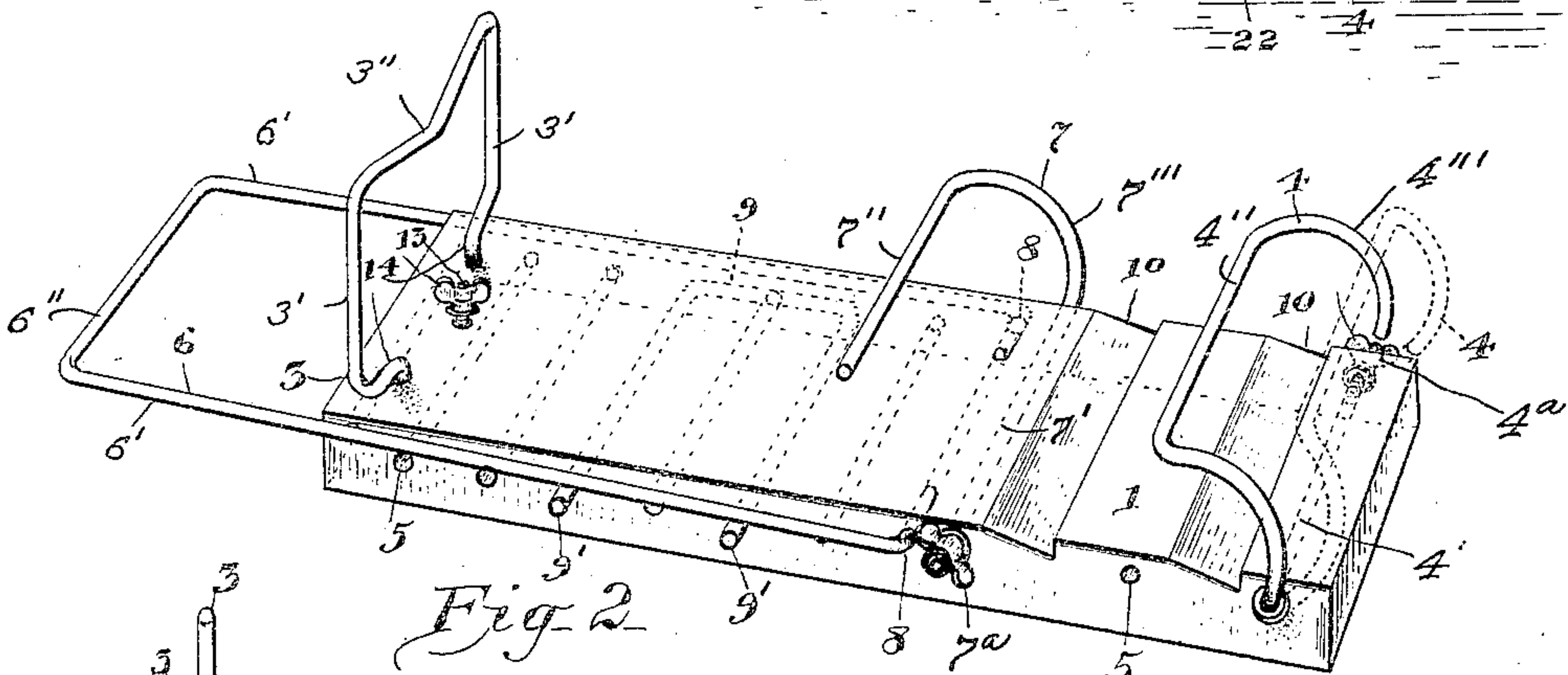


Fig. 2

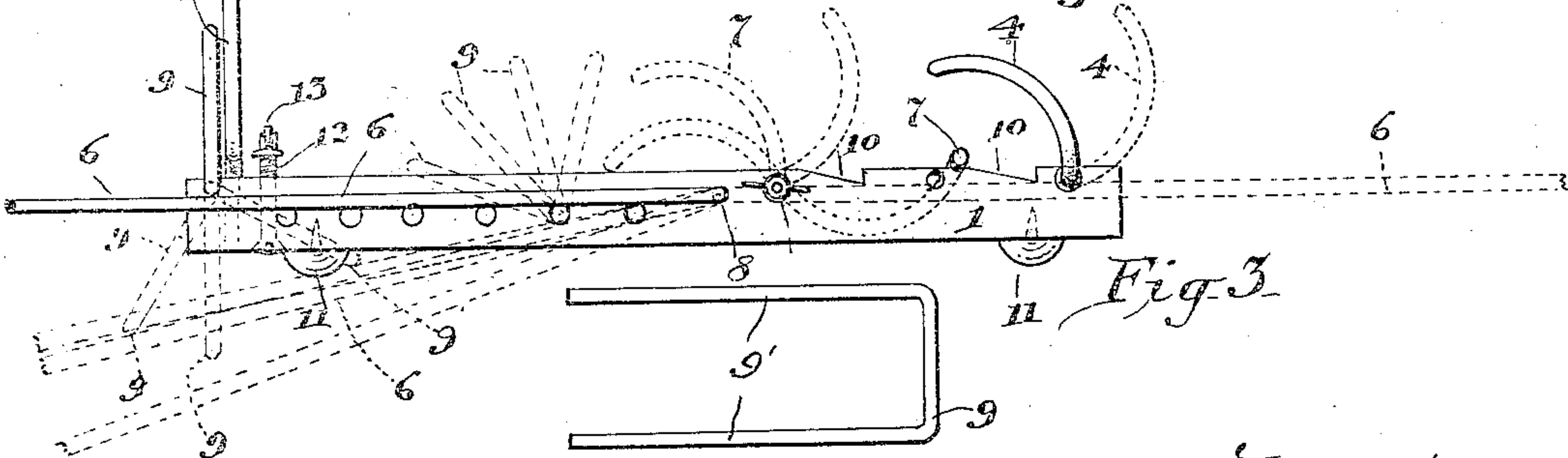


Fig. 3

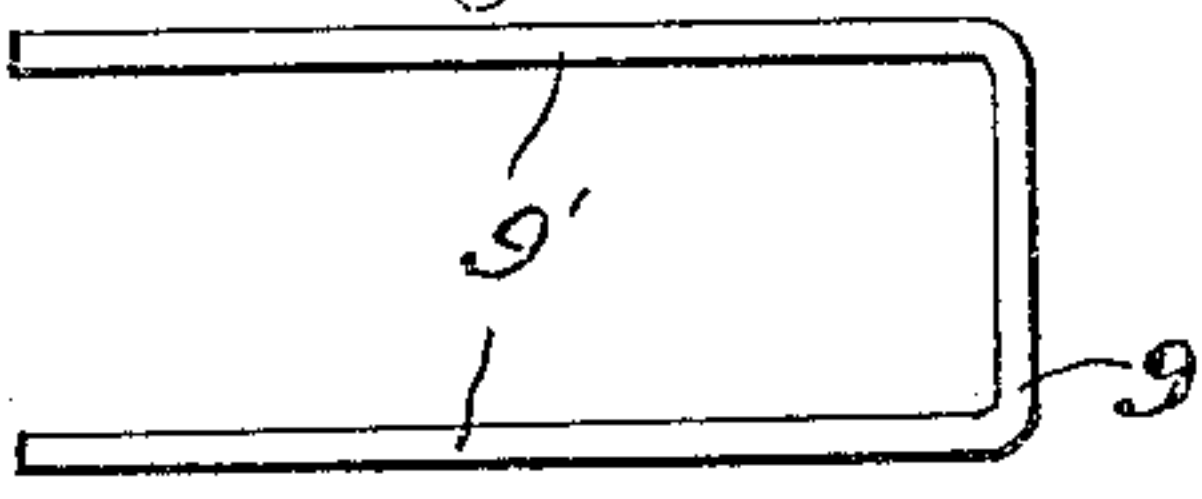


Fig. 4

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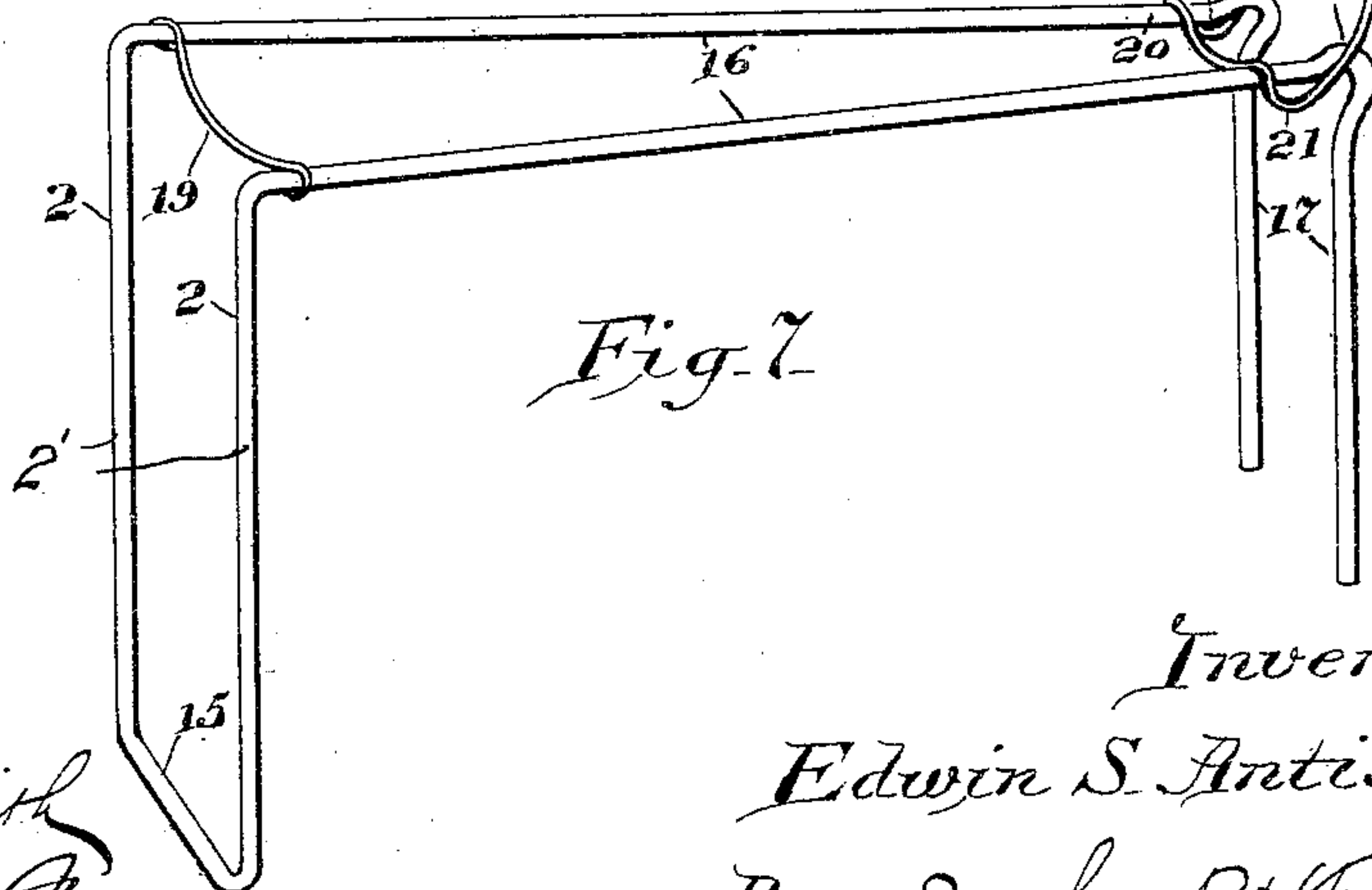
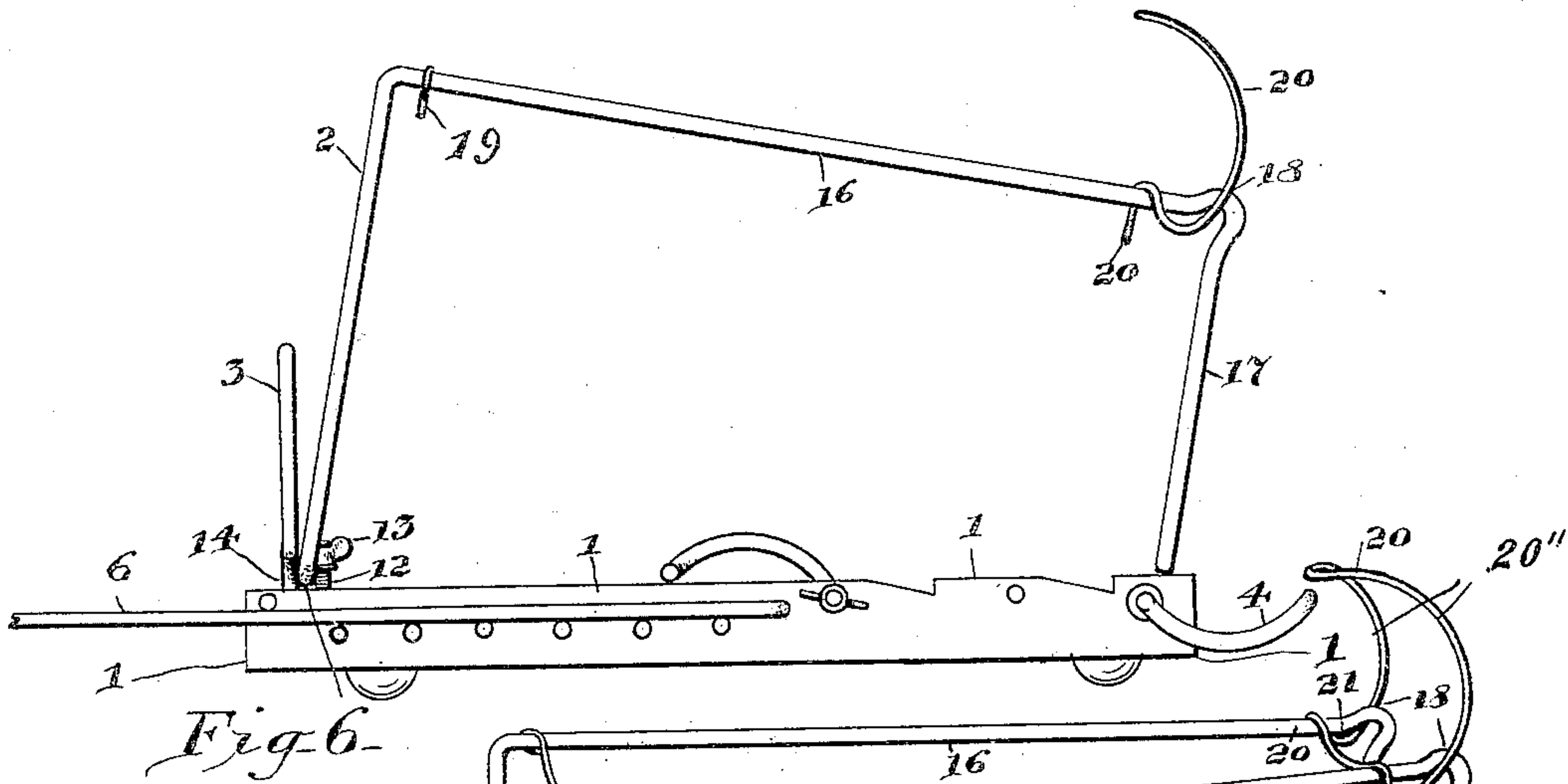
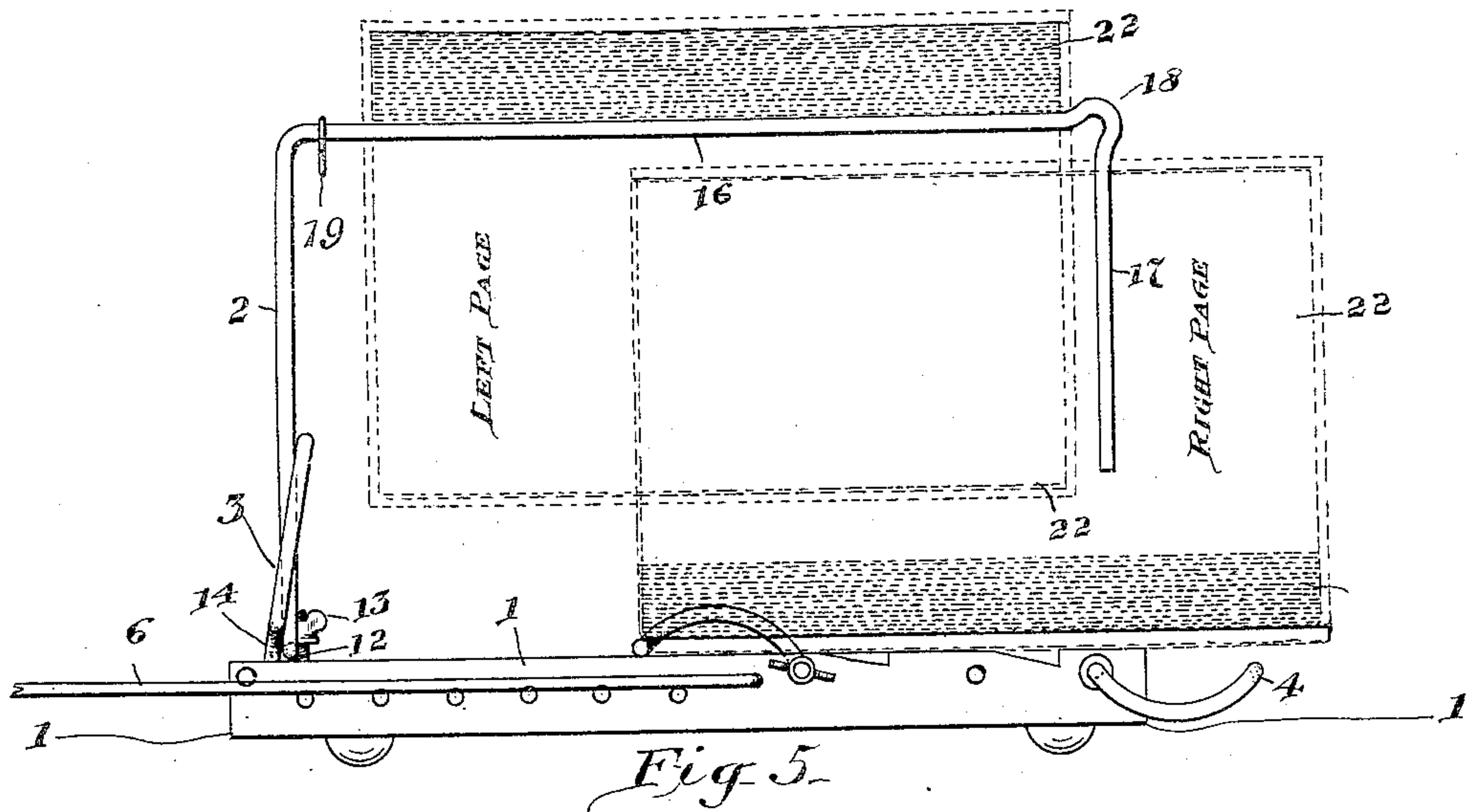
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3 SHEETS—SHEET 2



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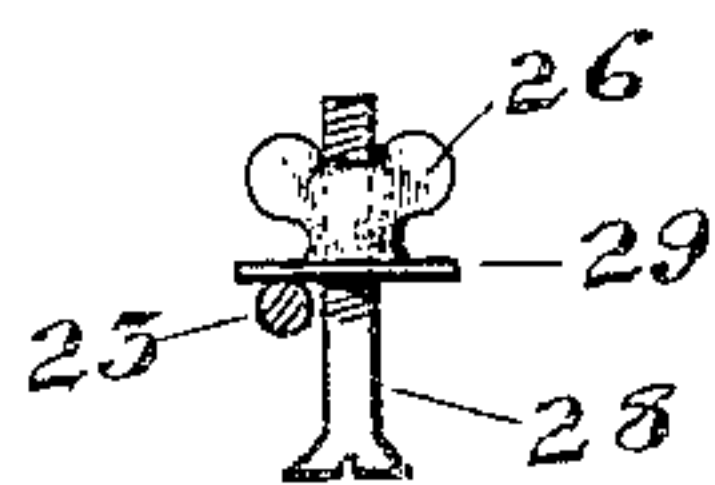
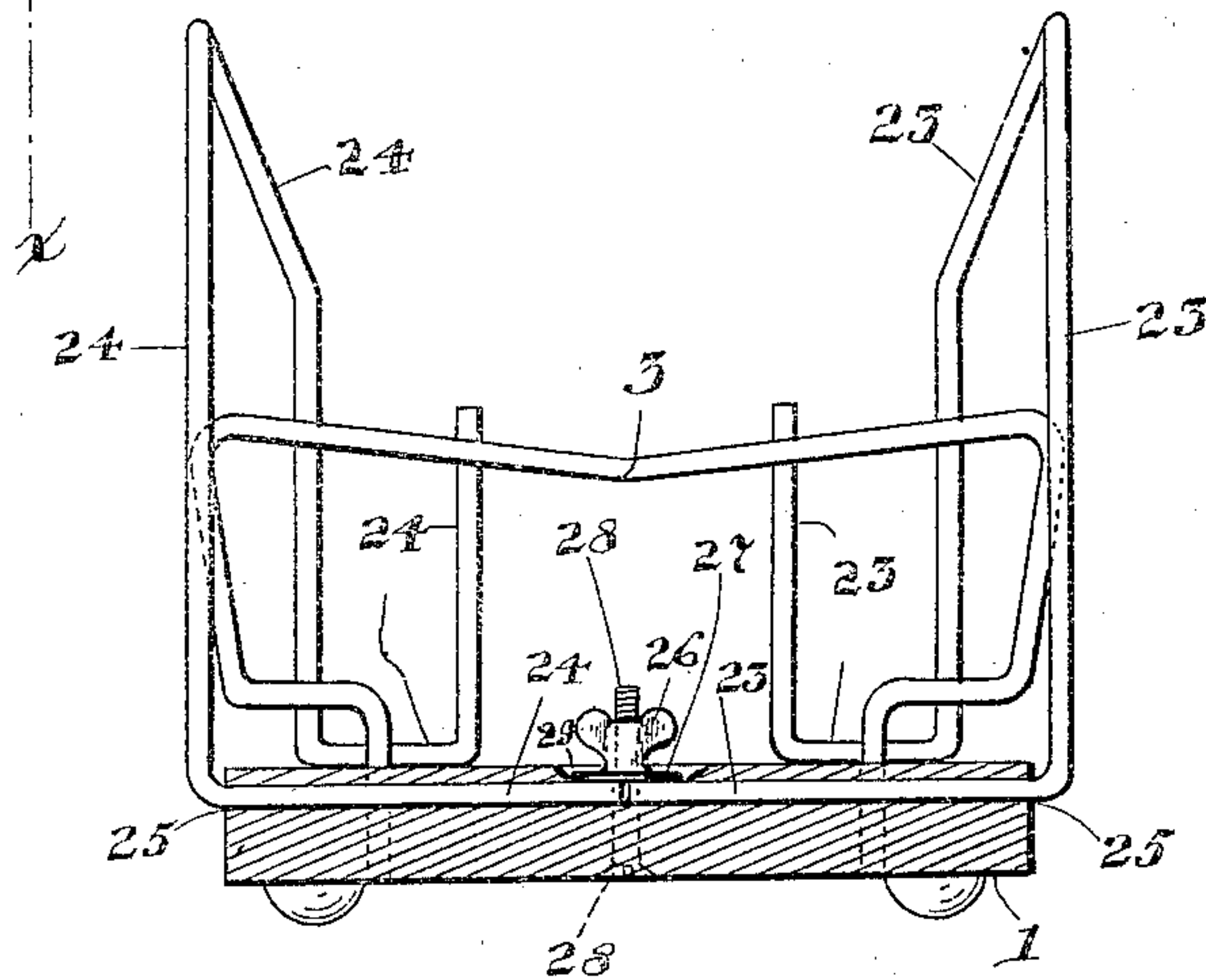
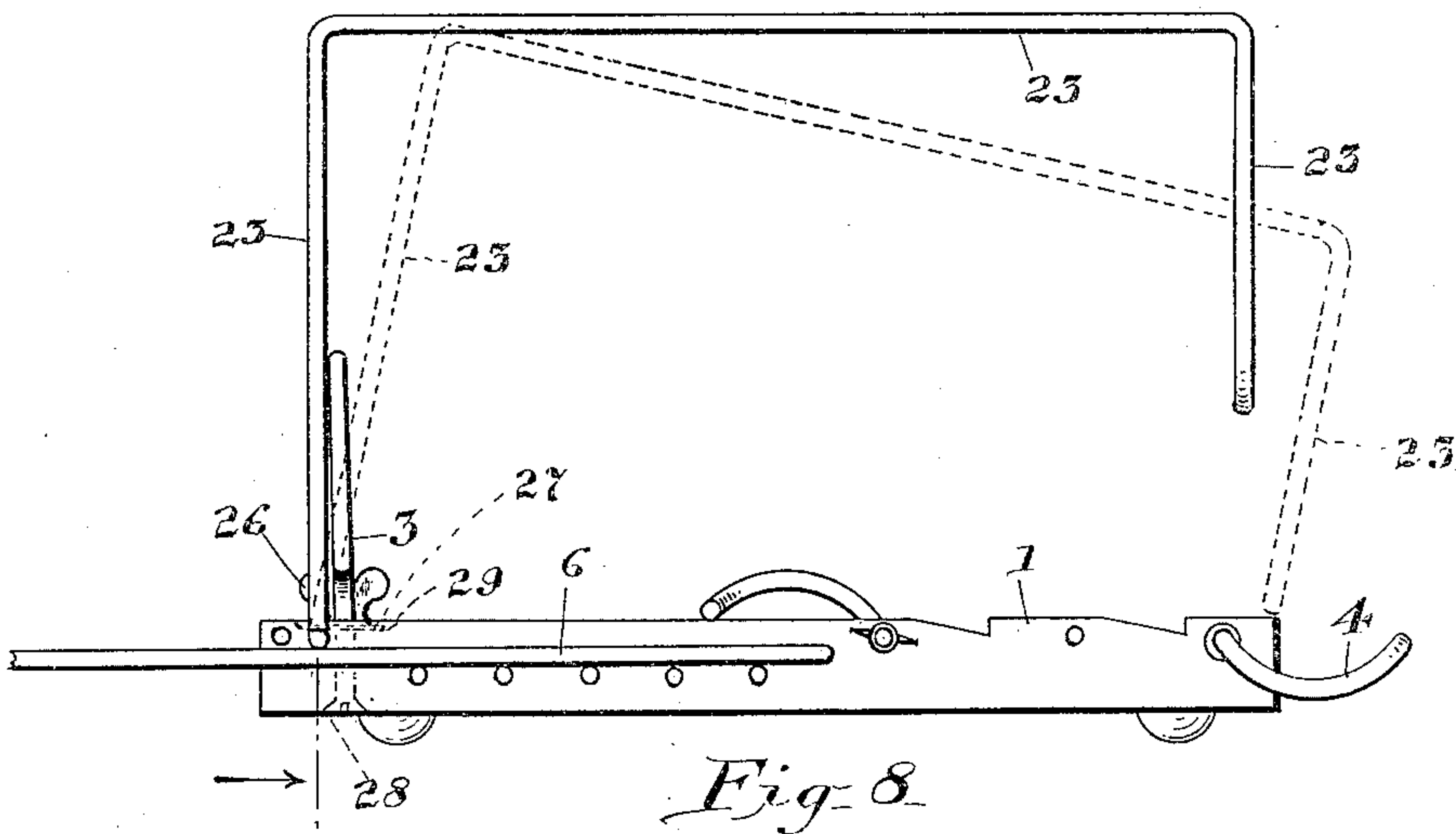
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3 SHEETS—SHEET 3.



Witnesses

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UNITED STATES PATENT OFFICE.

EDWIN S. ANTISDALE, OF CHICAGO, ILLINOIS.

BOOK-HOLDER.

No. 931,111.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed October 10, 1908. Serial No. 457,055.

To all whom it may concern:

Be it known that I, EDWIN S. ANTISDALE, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Book-Holders, of which the following is a specification.

My invention relates to improvements in book-holders, the object being to provide a device of this character designed to rest on a desk or table and to hold a book in various positions for the convenience of a reader.

A further object of my invention is to provide means whereby the book-holder may rest securely on the knee of a person if so desired by the reader, and a further object is to provide a removable means for holding a book in such a position that a person when reclining may read with ease.

Other objects will appear hereinafter.

With these objects in view, my invention consists in a book-holder comprising a base and adjustable wire members adapted to hold a book at any desired angle with said base.

My invention further consists in various details of construction and arrangement of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a perspective view of my improved book-holder in its preferred form showing a book held at a certain angle on the holder, Fig. 2 is also a perspective view, Fig. 3 is a side elevation, Fig. 4 is a detail elevation, Fig. 5 is a side elevation showing the removable means for holding a book so that it may be easily read by a person in a reclining posture, Fig. 6 is a side elevation, Fig. 7 is a detail perspective view, Fig. 8 is a side elevation showing a modified form of removable book-holding means, Fig. 9 is a transverse vertical section taken on the line $x-x$ of Fig. 8, and Fig. 10 is a detail elevation.

Referring now to the drawings, 1 indicates the base of the device which comprises an elongated rectangular member preferably of wood. Near one end of the base its upper face is provided with a plurality of transverse grooves 10 which form book stops, that

is the lower edge of the book rests in one of the grooves when arranged upon the device and to this end the grooves slant downwardly and forwardly at the back and are provided with an abrupt or vertical front edge. The base 1 is also provided with a plurality of transverse perforations 5, which are arranged at intervals and extend from side to side of the base.

Arranged in the forward perforation 5, which is slightly in advance of the forward groove 10, or in a similar perforation in advance of one of the other grooves, is a leaf holder 4. This comprises a straight horizontal portion 4', which is arranged in one of the aforementioned perforations, a straight portion 4'' arranged parallel therewith and adapted to engage the pages of a book near their lower edge, and the parallel curved end portions 4'''. The leaf holder is formed of a stout wire and is formed of one piece which terminates at one end of the portion 4' and the lower end of the adjacent portion 4'''. The free end of the portion 4' is threaded to receive a thumb nut 4^a which holds the device in position and also affords means for clamping the same in engagement with the book. By removing the nut 4^a, the leaf holder may be removed and inserted in the desired perforation 5.

At the opposite end of the base 1 is a book support 3 which elevates the upper end of the book to hold the same in inclined position. This is formed of wire and comprises vertical end members 3' connected at their upper ends by a transverse downwardly curved portion 3''. The lower ends of the members 3'' are bent inwardly as at 14 and then downwardly to enter perforations in the top of the block to secure the support in position.

7 indicates an adjustable book stop which may be mounted in either of the perforations 5 and comprising the parallel portions 7' and 7'' connected at one end by the curved portion 7'''. The portion 7' is inserted in one of the perforations and its free end is threaded and provided with a thumb nut 7^a for holding the stop in adjusted position.

A member 6 is provided which serves as a stop when the holder is placed on the knee and which may also serve as means for adjusting the inclination of the base 1. The member 6 is formed of a single U-shaped piece of wire comprising the parallel side

members 6' and the transverse member 6'' connecting their outer ends. The inner ends of the member 6' are bent inwardly at 8 to engage the perforations 5.

9 indicates a U-shaped member having the parallel portions 9' which are of greater length than the width of the base and a distance apart equal to the distance between three of the perforations 5. The member 9 is adapted to be inserted in the perforations 5 and when the projecting ends of the portions 9' are above the members 6', the member 6 is held in adjusted position below the level of the base 1, holding the base in tilted or inclined position. When using the member 9 for this purpose it is preferably arranged with one of the portions 9' in the last perforation 5, the other portion 9' being free and adapted to be turned down into the position shown in dotted lines in Fig. 3. When arranged in this manner it may be used to tilt the base independently of the extension 6.

11 indicates pads or cushions on the under face of the base 1.

In Figs. 5, 6 and 7 I have illustrated a book holder which is adapted to be detachably mounted upon the above described device for holding a book in vertical position for use when reading when reclining, or to hold the book elevated a greater distance above the table top or knee. This comprises a member 2 formed of a single wire bent to form a horizontal foot portion 15, vertical portions 2' rising from the ends thereof, horizontal longitudinally extending portions 16 terminating in downwardly extending ends 17 which are shorter than the parallel portions 2' for a purpose which will appear hereinafter. 19 indicates a curved book support rigidly fixed to the members 16 near their rear end and 20 indicates a removable book support and leaf holder arranged upon the opposite end. The latter comprises a downwardly curved transverse portion 20' which constitutes a book support and an outwardly upwardly and rearwardly curved loop 20'' which constitutes the leaf holder. The member 20, where the portions 20' and 20'' meet is bent inwardly forming loops or hooks 21 which engage the members 16, and the curves between the members 16 and 17 are offset as at 18 to receive the adjacent portions of the loop 20'' to hold the same rigidly in position. In using the holder 2 the portion 15 thereof is arranged between the inwardly extending portions 14 of the member 3 and a threaded bolt 12 projecting upwardly from the face of the block 1 and slightly in advance of the member 3. 13 indicates a thumb nut on the bolt which impinges against the portion 15 and holds the same in position. The ends of the member 17 rest on the block 1 and hold the members 16 in forwardly inclined position.

In using the device to hold an opened book in vertical position the member 20 is removed and the portions 2' of the member 2 are extended through the member 3 from behind as shown in Fig. 5, said portions then resting against the rear edge of the portion 3'', which holds the members 16 in horizontal position. The book is then clamped between the members 16 or 17 as desired and as illustrated in Fig. 5.

The modified form of removable book-holding means shown in Figs. 8, 9 and 10 comprises two members 23 and 24 adapted to be mounted in a transverse perforation 25 provided in the base 1. The ends of the members 23 and 24 in the perforation 25 are adapted to abut and be detachably secured in position by means of the thumbnut 26 and washer 27 on the bolt 28. A depression 29 in the base 1 is provided to receive the washer 27. It is obvious that this modified removable book-holding means will hold a book in the positions as shown in Fig. 5.

While I have shown what I deem to be the preferable form of my invention, I do not wish to be limited thereto as there might be many changes made in the details of construction and arrangement of parts without departing from the spirit of my invention.

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

1. In a device of the class described, an elongated base, in combination with a book supporting member arranged at one end thereof, said base being provided with a transverse perforation, a leaf holder comprising a pair of parallel horizontal members connected at one end by an end member, one of said horizontal members being mounted in said perforation and the free end of said member being threaded, and a thumb nut on said threaded end, substantially as described.

2. In a device of the class described, an elongated base, said base being provided near one end with a transverse groove and a transverse perforation adjacent thereto, in combination with a book supporting member at the opposite end of said face, a leaf holder pivotally mounted in said perforation and means on the end of said holder for clamping the same in adjusted position, substantially as described.

3. In a device of the class described, in combination with a base and a vertically disposed member secured thereto, a leaf-holder having parallel sides and curved end portions adjustably pivoted in said base, a substantially U-shaped stop adjustably pivoted in said base, cut-away portions or stops in said base, rubber cushions secured to the under side of said base, perforations in said

base, and a U-shaped member mounted in said perforations and adapted to tilt said base, substantially as described.

4. In a device of the class described, a
5 base and a vertically disposed member secured thereto, perforations in said base, a substantially U-shaped extension pivoted in one of said perforations, means for securing said extension at any angle with said base
10 in order to tilt the latter, a leaf-holder and a book stop adjustably mounted in said base, a threaded bolt vertically secured in said base, a thumb-nut on said bolt, and a removable book-holding member adapted to
15 be secured by said bolt and thumb-nut, substantially as described.

5. In a device of the class described, a base and a rigid book-supporting member vertically disposed therein, a book stop and
20 leaf holder pivotally mounted in said base, an extension mounted in said base, a removable book-holding wire frame and means for holding the same to said base, and a removable leaf-holder on said removable book-
25 holding frame, substantially as described.

6. In a device of the class described, a

base and a vertically disposed book supporting member at one end thereof, in combination with a book stop and a leaf holder at the opposite end and a longitudinally dis- 30 posed book holding frame detachably mounted on said base, substantially as described.

7. In a device of the class described, a base in combination with a vertically dis- 35 posed transverse book supporting member arranged at one end thereof and a book stop and leaf holder at the opposite end, a bolt arranged slightly in advance of said book supporting member and a book holding 40 frame arranged longitudinally of the base and having a transverse portion secured between said supporting member and said bolt, substantially as described.

In testimony whereof I have signed my 45 name to this specification in the presence of two subscribing witnesses.

EDWIN S. ANTISDALE.

Witnesses:

JANET E. HOGAN,
HELEN F. LILLIS.