

No. 687,988.

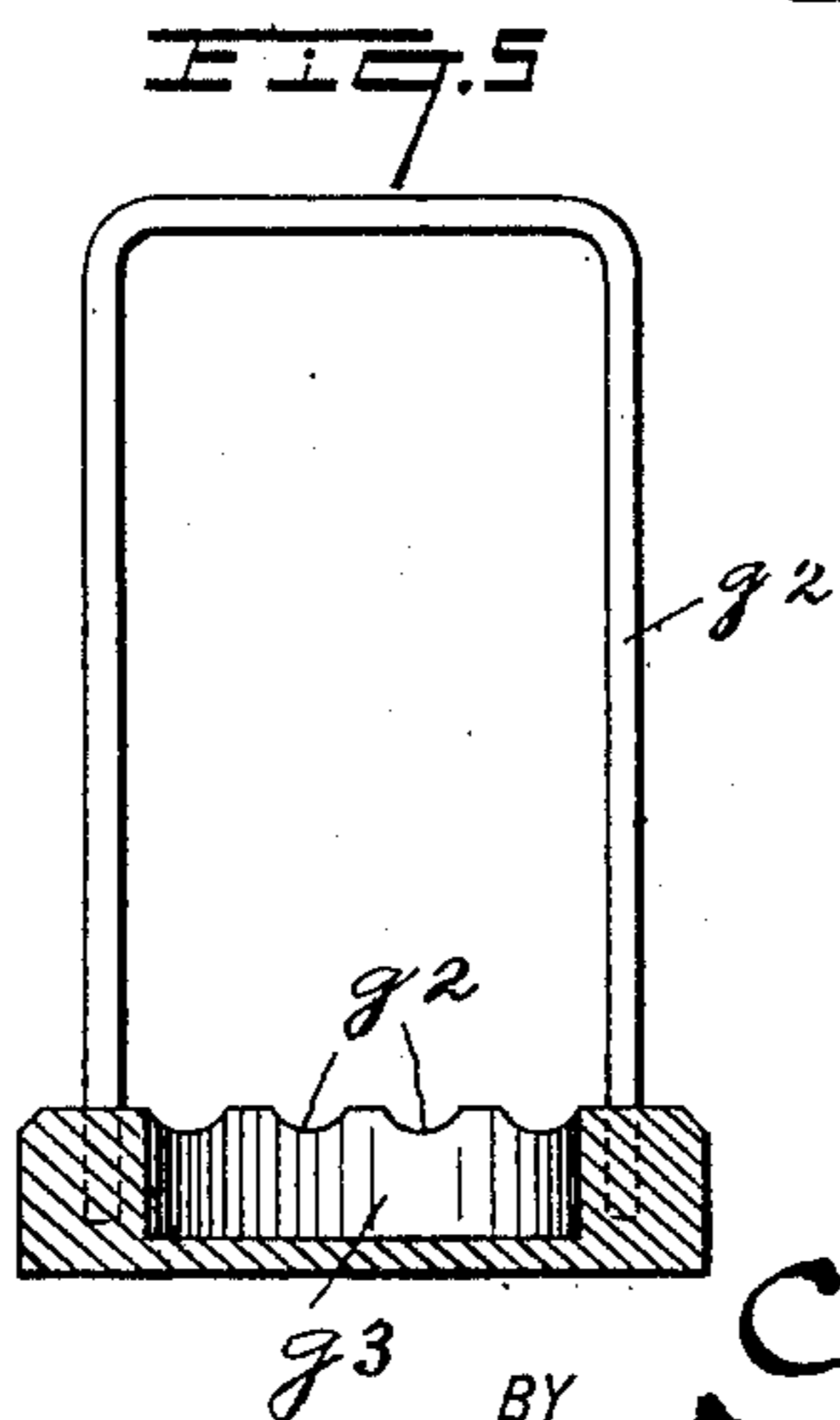
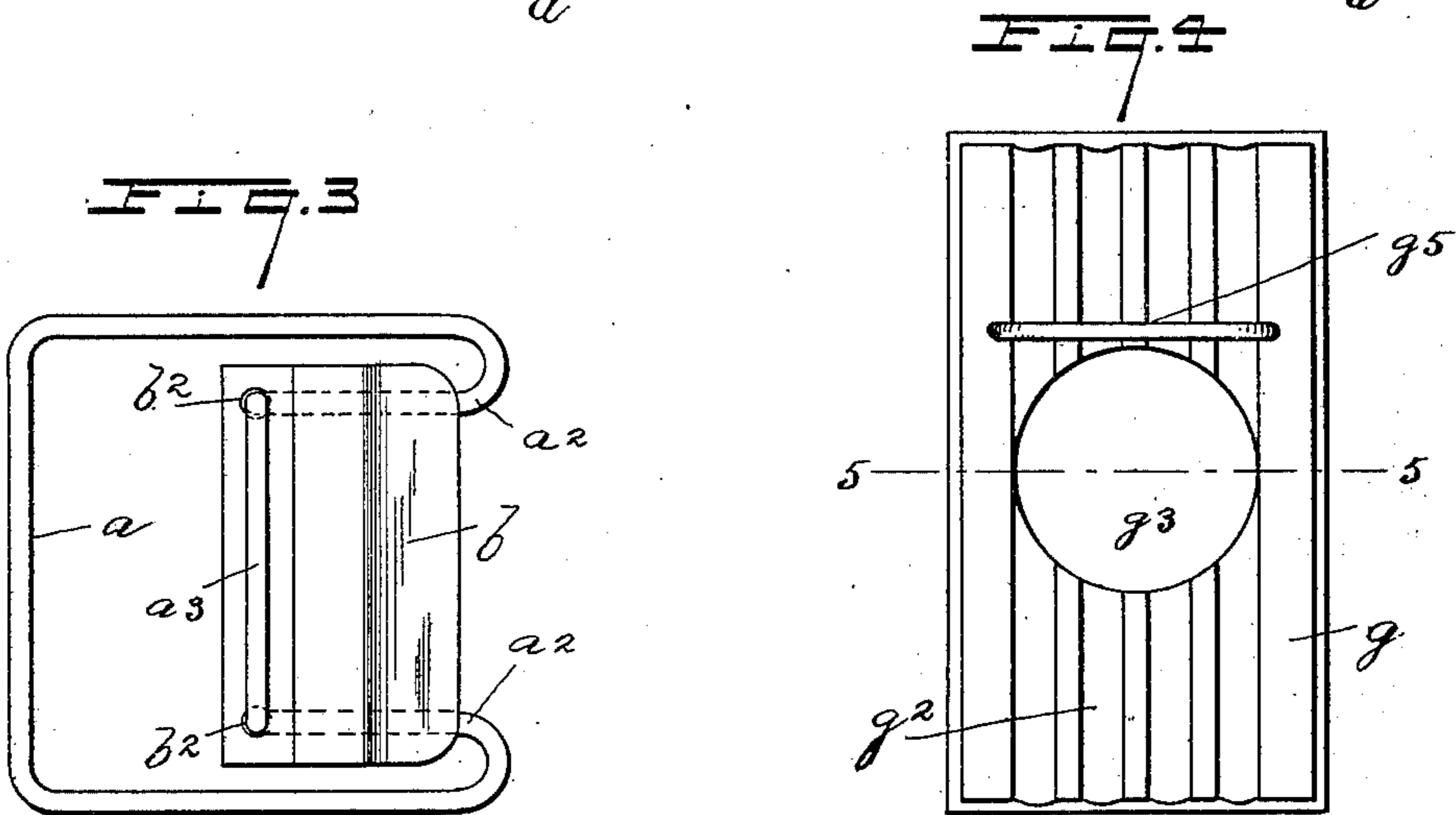
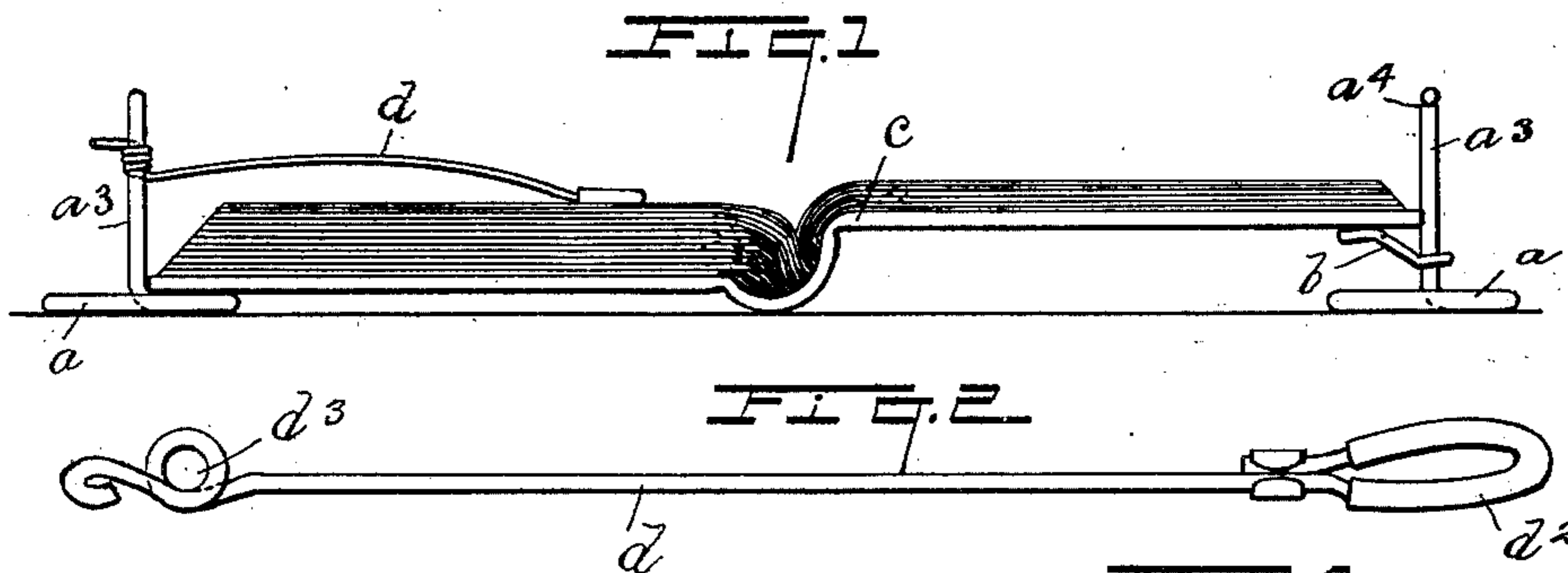
Patented Dec. 3, 1901.

C. E. JEWELL.
SUPPORT FOR BOOKS, &c.

(Application filed Oct. 9, 1900.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES
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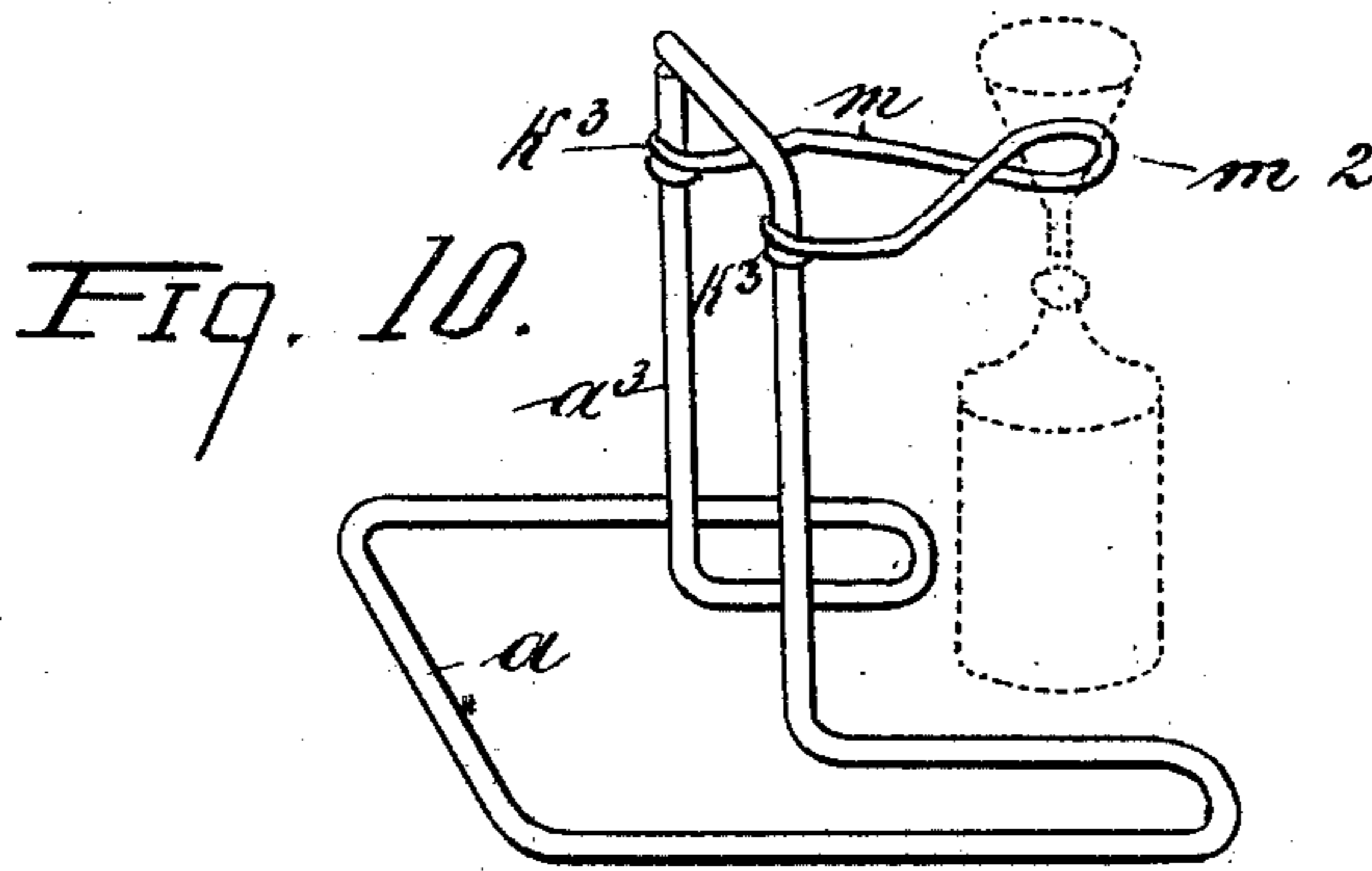
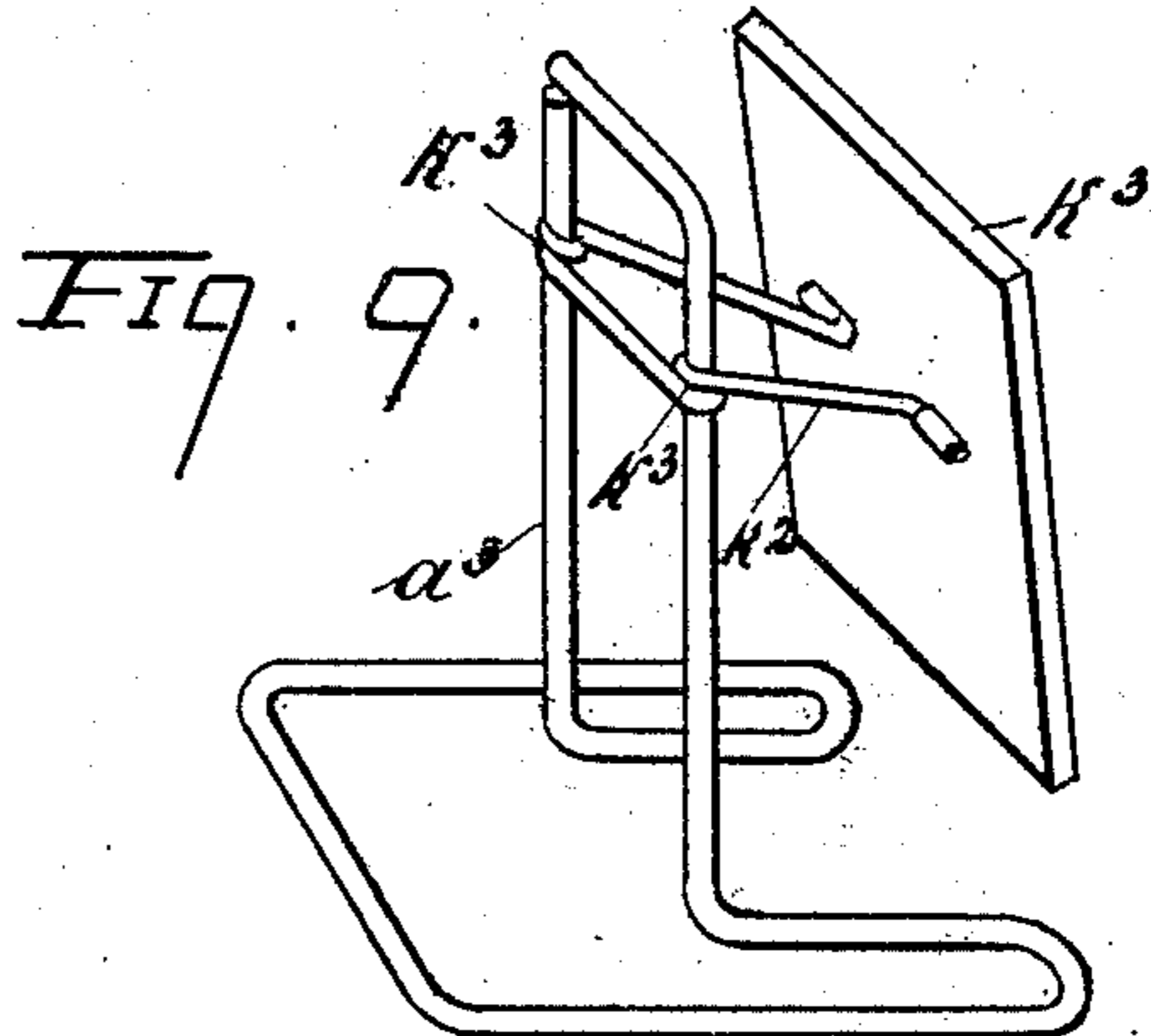
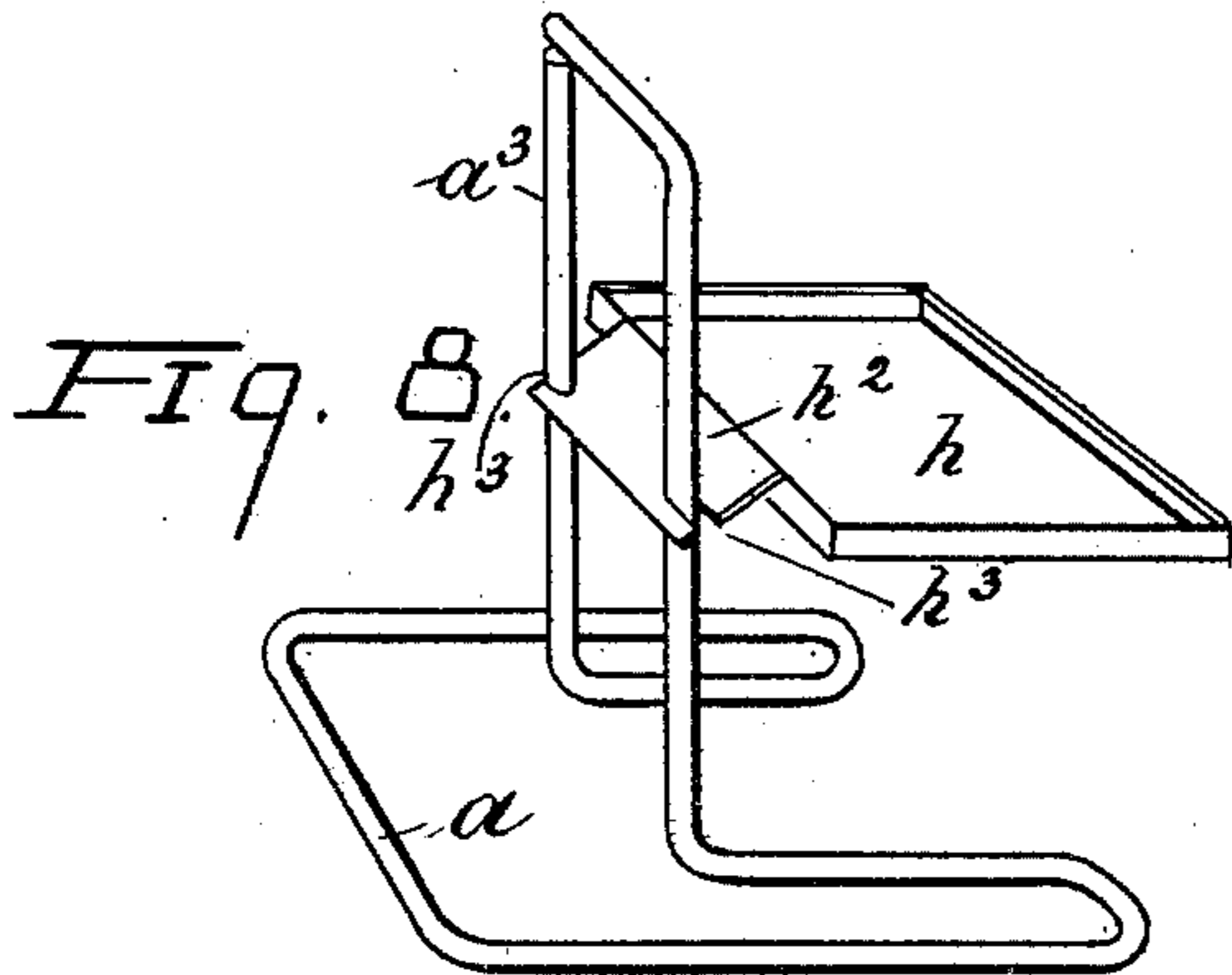
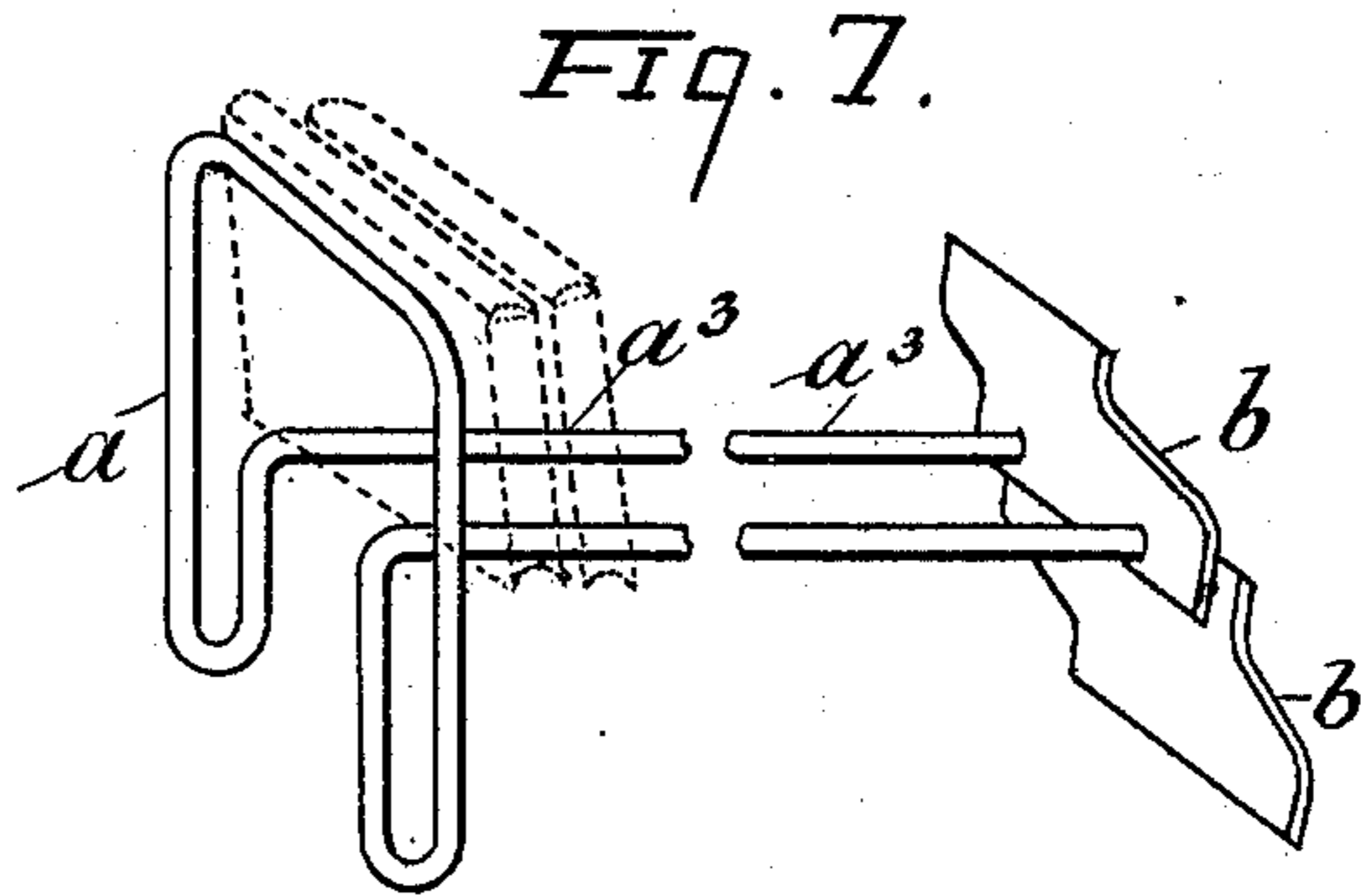
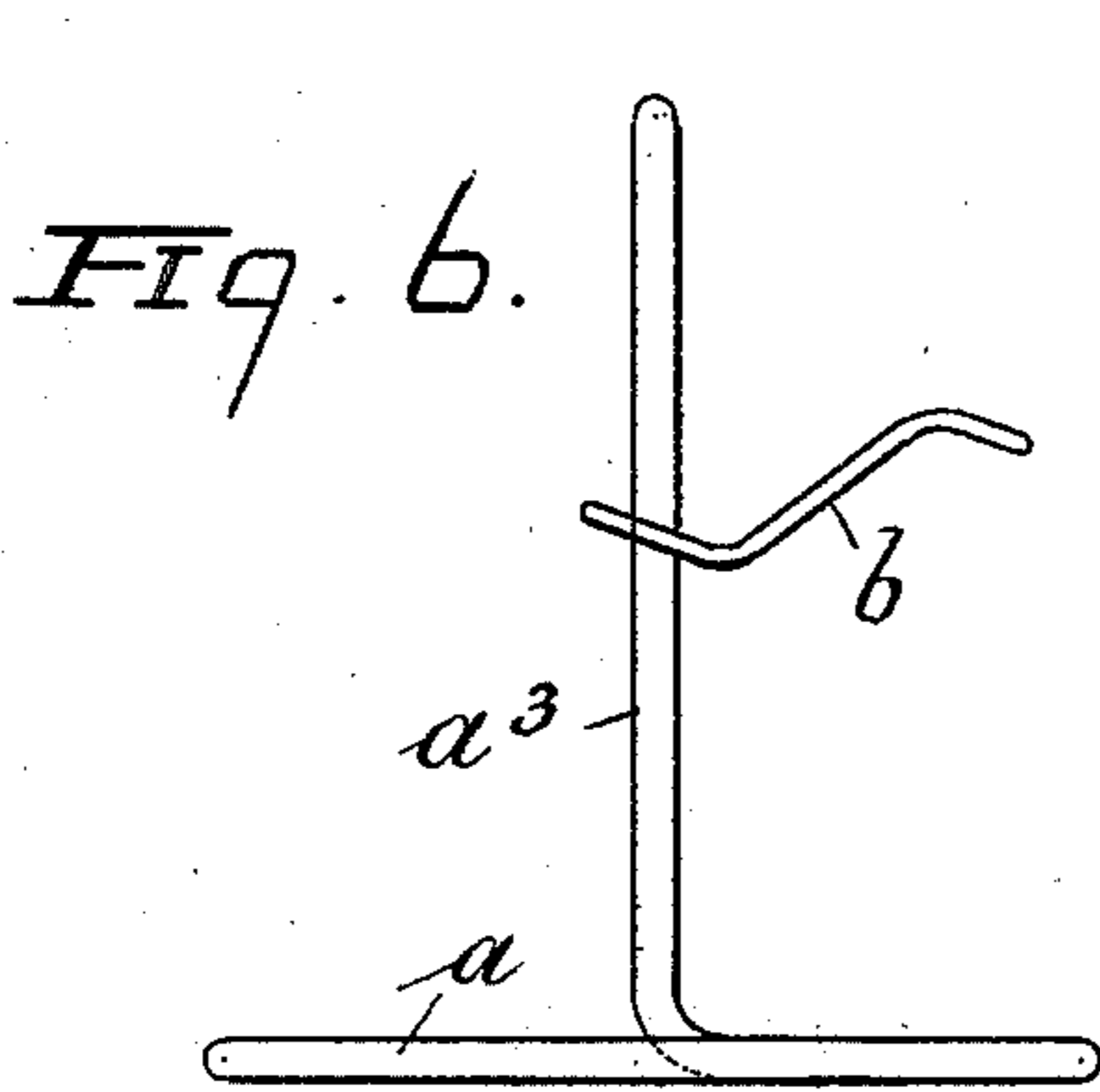
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WITNESSES

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UNITED STATES PATENT OFFICE.

CHARLES EDWIN JEWELL, OF SENECA FALLS, NEW YORK.

SUPPORT FOR BOOKS, &c.

SPECIFICATION forming part of Letters Patent No. 687,988, dated December 3, 1901.

Application filed October 9, 1900. Serial No. 32,479. (No model.)

To all whom it may concern:

Be it known that I, CHARLES EDWIN JEWELL, a citizen of the United States, residing at Seneca Falls, in the county of Seneca and State of New York, have invented certain new and useful Improvements in Supports for Books and other Articles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to supports for books and other articles; and the object thereof is to provide an improved device of this class which may be used to support an open book in such manner as to hold the leaves thereof in a level position and in this case is particularly adapted for use in connection with ledgers and other large books of account in which records of various kinds and classes are to be written, but which may also be used as a book-rack, paper-support, mirror-holder, pin-tray holder, and for many other and similar purposes.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is an end view of a book open and the separate sides of which are supported by my improvement; Fig. 2, a plan view of a spring-arm shown in Fig. 1; Fig. 3, a plan view of one of my improved devices; Fig. 4, a similar view showing a modification; Fig. 5, a cross-section thereof on the line 5 5; Fig. 6, a side view of the device as shown in Fig. 3, and Figs. 7, 8, 9, and 10 perspective views showing modifications.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same reference characters in each of the views, and in the practice of my invention I provide a support a , which, as shown in Figs. 1 and 3, is composed of a wire bent into the form of a rectangular frame, the said wire at one side of the frame being curved inwardly, as shown at a^2 , and extended to about the middle of said frame and then bent upwardly to form a yoke a^3 . The cross-bar at the top of the yoke a^3 is preferably separated from the corresponding standard or side of the yoke, as shown at a^4 in Fig. 1, and in practice when the device is used as a book-support, as shown

in Fig. 1, I mount on the sides of the yoke an angular plate b , which is provided at two of its corners with holes b^2 , through which the upright side portions of the yoke may be passed, or said plate may be provided with side slots or openings adapted to receive said upright side portions of said yoke. On pressure or weight being applied to the projecting portion of the plate b it will grip the sides of the yoke or upright member at any point at which it may be placed. The plate b will rest on the sides of the yoke at any point to which it may be raised and is adapted to support one side of a book c , as shown in Fig. 1. Another device of the same construction, with the exception of the plate b , is used at the opposite side of the book, as is also shown in Fig. 1, and a spring-arm d is connected with one side of the yoke a^3 and extends partially across the book and bears on the open leaves thereof, said spring-arm being preferably provided at its free end with a loop d^2 , having a cover of rubber or other suitable material, and at its opposite end with a ring or eye d^3 , through which one side of the yoke a^3 is passed. This device is particularly adapted for use as shown in Fig. 1, and by means thereof the separate sides of a book or the leaves thereof when open may be held in a horizontal position, whereby the same may be conveniently written on, as will be readily understood.

In Figs. 4 and 5 I have shown a modification of the support shown in Figs. 1 and 3; and it consists of a base-block g , of wood or other suitable material, having longitudinal grooves g^2 and a central recess or chamber g^3 , and a yoke g^5 is connected therewith, and this yoke will serve the same purpose as the yoke a^3 , (shown in Fig. 1,) and this form of construction is adapted also as a pen or pencil holder and as a pin-tray.

By slight modifications of the form of construction shown in Fig. 3 the device may be made to serve as a book-holder or book-rack, such device being shown in Fig. 7, and in this case two of the plates b are employed, one of which serves to support one end of the yoke a^3 and the other is inverted and projects upwardly on said yoke and in connection with a portion of the base-frame a , which is also placed in an upright position, serves as a

book-rack, a book or books being indicated in dotted lines. A tray or other similar device h for holding pins and other articles may also be connected with a plate or similar device h^2 and be held on the upright portion or member a^3 , as shown in Fig. 8, and said tray or other device may be held in an inclined position or in a horizontal position, and in this form of construction the plate h^2 takes the place of the plates b , and said plate is provided with side notches or recesses h^3 , whereby it is connected with the side members of the upright support or yoke a^3 .

In Fig. 9 I have shown another form of construction in which a mirror k is provided with a wire-holder k^2 , which is connected with the back thereof and provided with rings or eyelets k^3 , through which the side portions of the upright member or yoke a^3 are passed; and in Fig. 10 I have shown a wire-support m , which is provided with similar rings or eyelets k^3 and at its outer end with a loop m^2 , designed to serve as a funnel-support, and this form of construction is particularly adapted for use in filling bottles, jugs, and other vessels, a funnel and a bottle or jug being indicated in dotted lines.

In each of the forms of construction herein shown and described it will be seen that the part of the device which is mounted on the upright member, yoke, or frame a^3 of the holder, when the latter is in an upright position, is held at any desired altitude by friction or torsion, occasioned by the fact that one side of said part or member projects to a distance from the said upright portion or member a^3 , and the weight thereof causes the opposite sides of the part or member a^3 to be grasped and held tightly, and said part (indicated in Figs. 1, 8, 9, and 10 by the letters of reference b , h^2 , k^2 , and m) may be readily adjusted vertically by raising or lowering the same by hand.

In the form of construction shown the movable support or holder mounted on the parallel members of the device is so formed that it projects from said parallel members so as to form in connection therewith an acute an-

gle, and thus serve as a clamp when pressure is applied thereto on the side thereof which forms the acute angle.

The reason for separating one end of the cross-bar at the top of the yoke or member a^3 from the corresponding side of said yoke or member is to provide means for more readily connecting the parts b , h^2 , k^2 and m , therewith, and the said cross-bar may be entirely omitted, if desired.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A device of the class described, comprising a wire base-frame having integral side members inwardly curved to near the center thereof, and upright side members connected therewith, and a vertically-adjustable support connected with said upright side members, substantially as shown and described.

2. A device of the class described, comprising a base member, a main support arranged at right angles thereto, and comprising parallel side members, and a supplemental support or holder loosely mounted on the parallel side members of the main support and ranging therefrom so as to form in connection therewith an acute angle substantially as shown and described.

3. A device of the class described, comprising a base member, a main support at right angles thereto, and comprising parallel side members, and a supplemental support or holder loosely mounted on the side members of said main support, and ranging therefrom so as to form in connection therewith an acute angle, said supplemental support or holder being connected with a mirror, tray or other device, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 6th day of October, 1900.

CHARLES EDWIN JEWELL.

Witnesses:

CHAS. T. HALL,
M. W. JACOBY.