

No. 681,920.

Patented Sept. 3, 1901.

A. C. LA MAY.
PHOTOGRAPHIC PLATE HOLDER.

(Application filed Feb. 16, 1901.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1

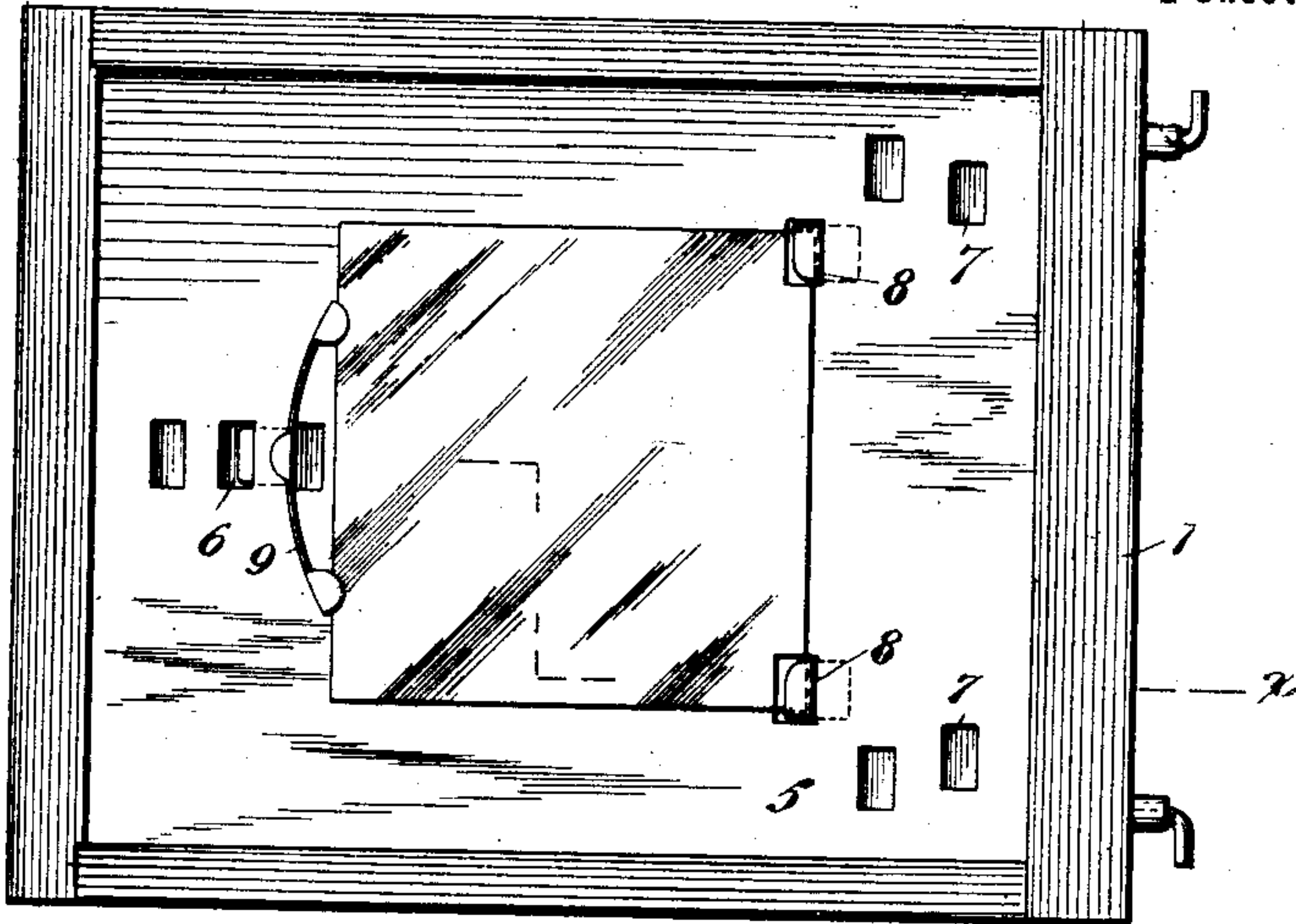


Fig. 2

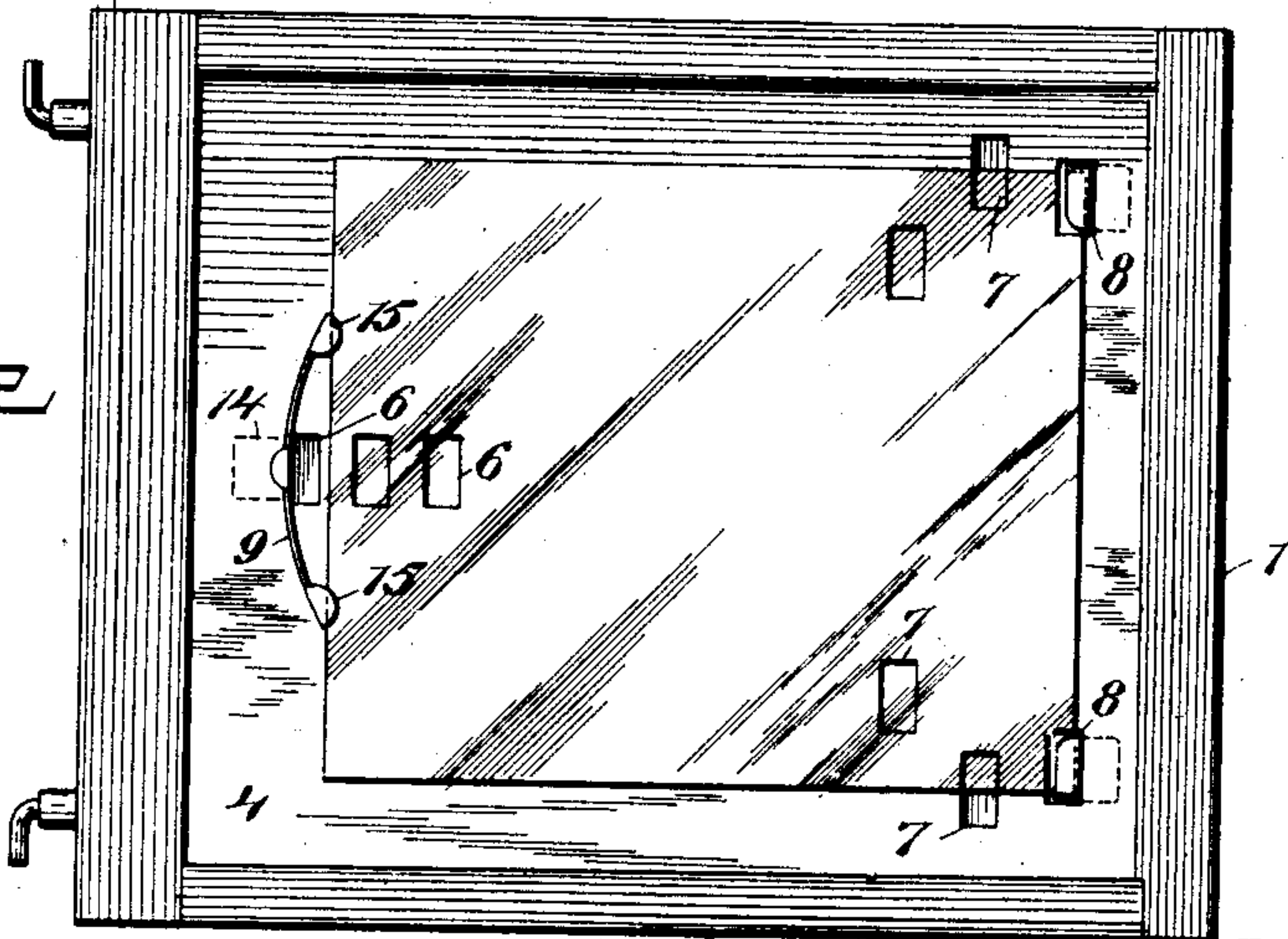


Fig. 3

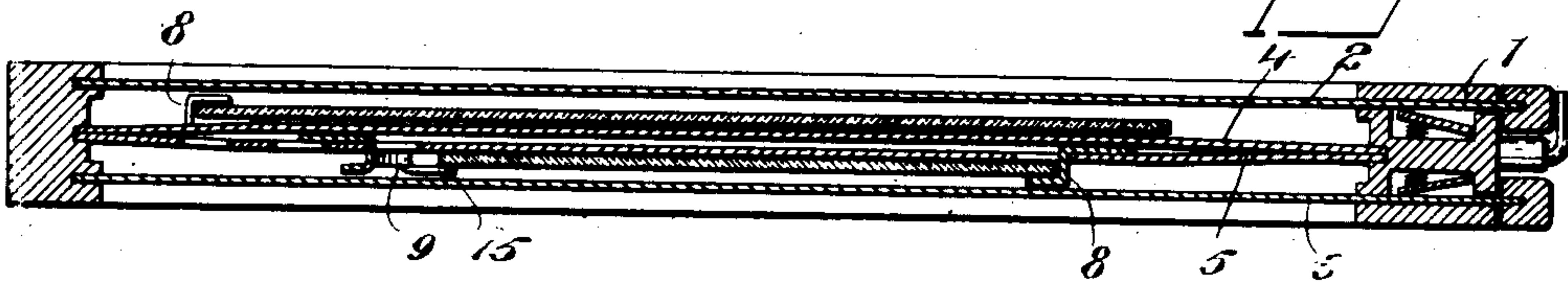


Fig. 4

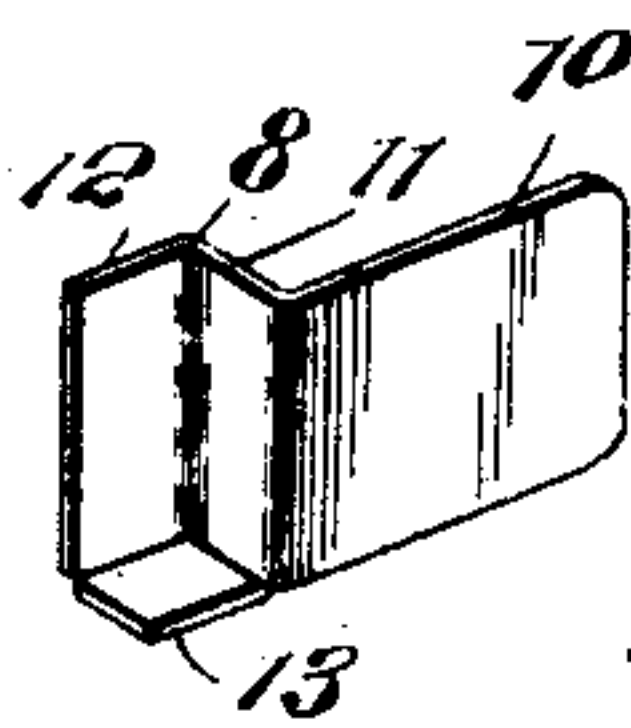
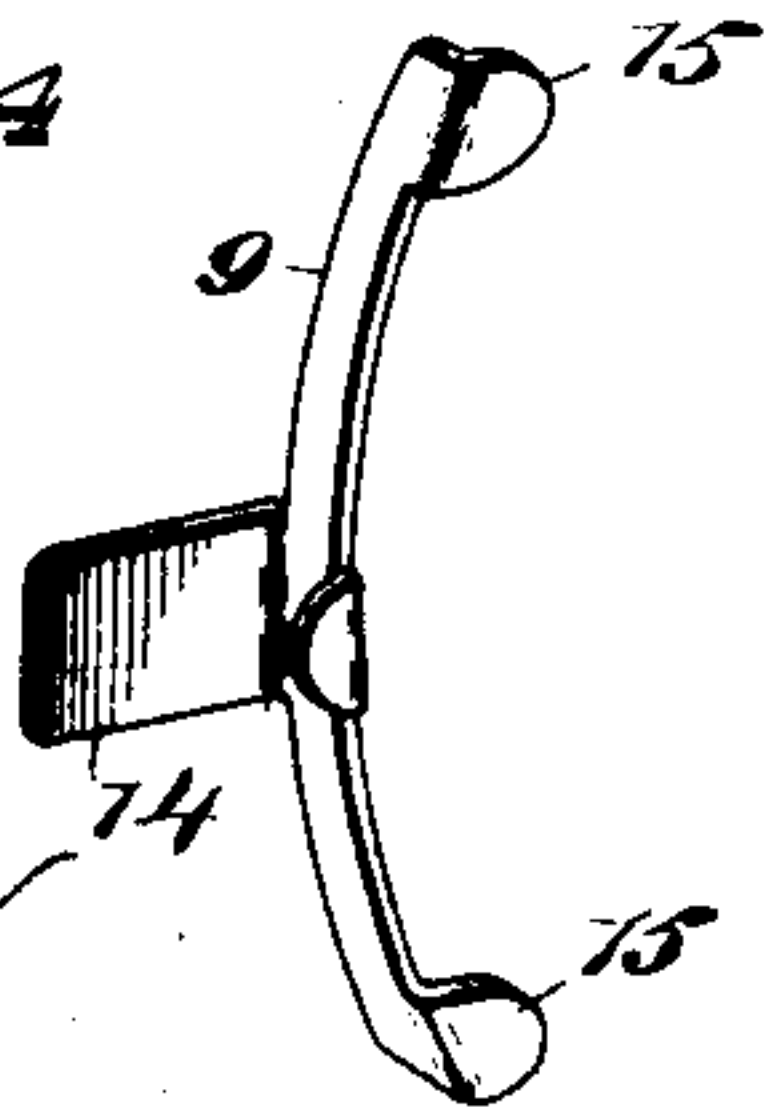


Fig. 5

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No. 681,920.

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A. C. LA MAY.
PHOTOGRAPHIC PLATE HOLDER.

(Application filed Feb. 18, 1901.)

(No Model.)

2 Sheets—Sheet 2.

Fig 6

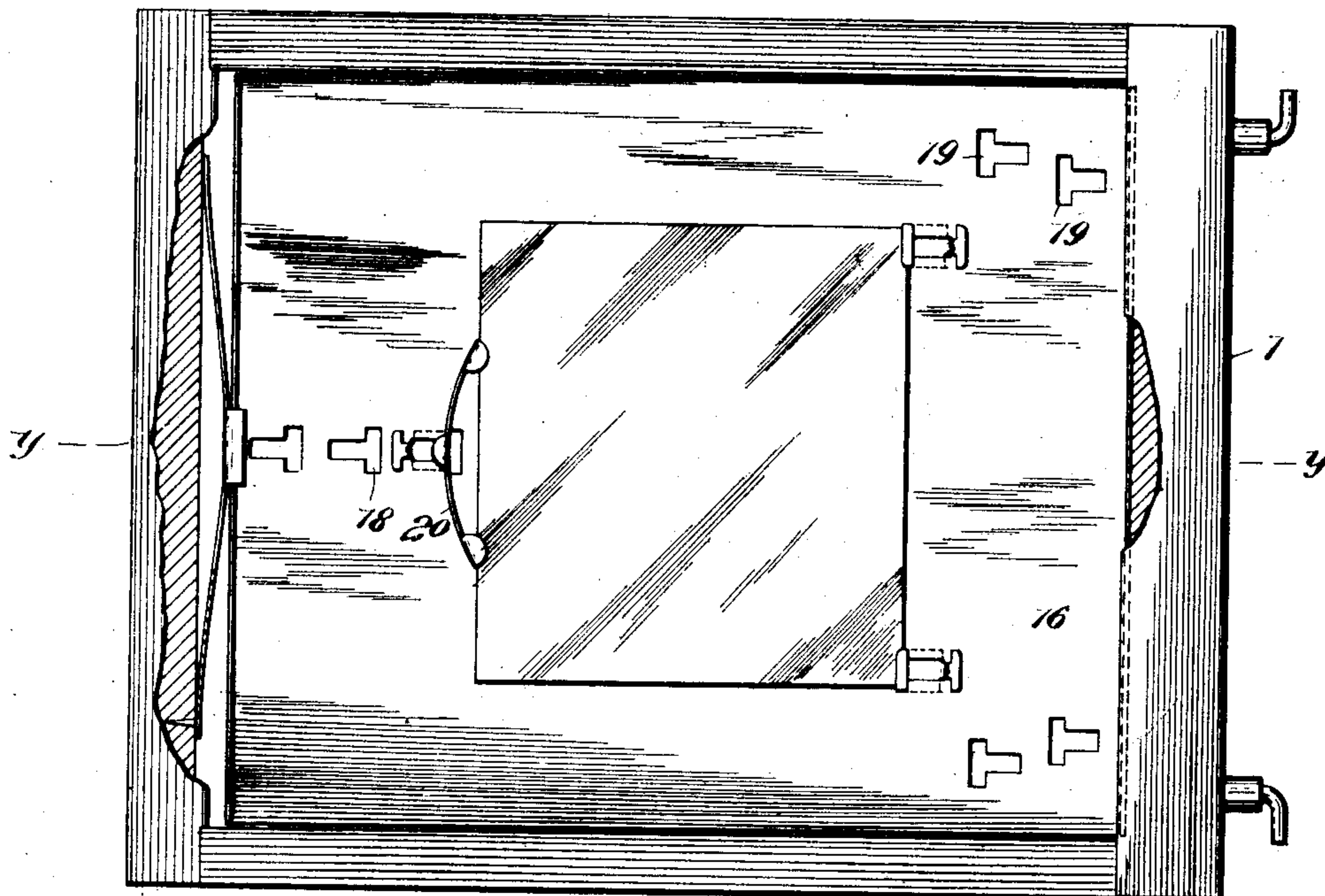
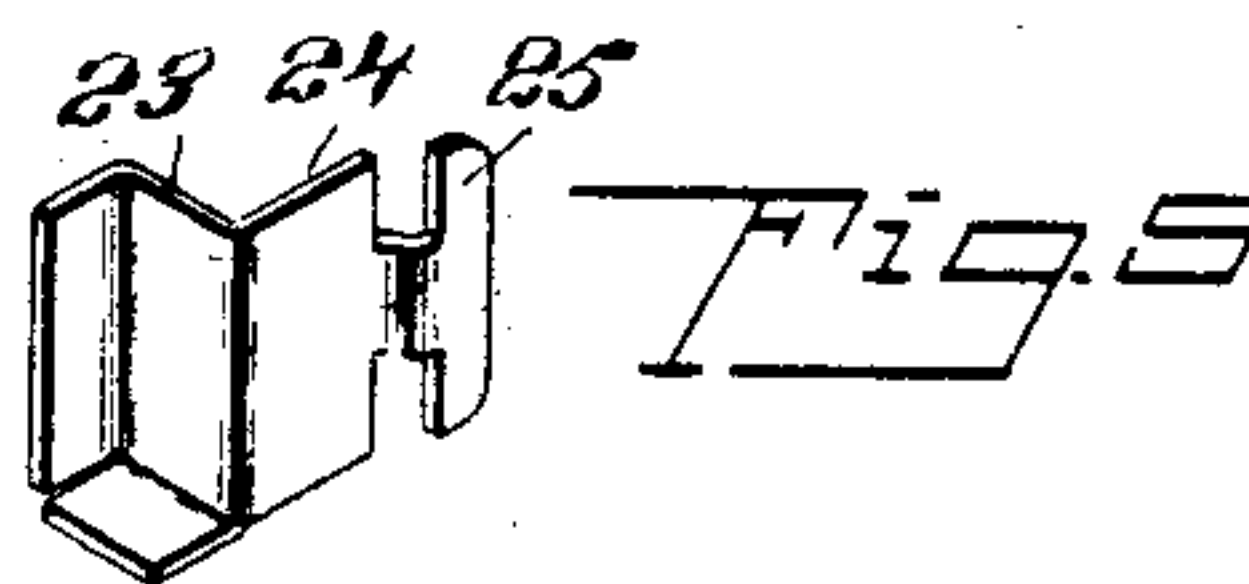
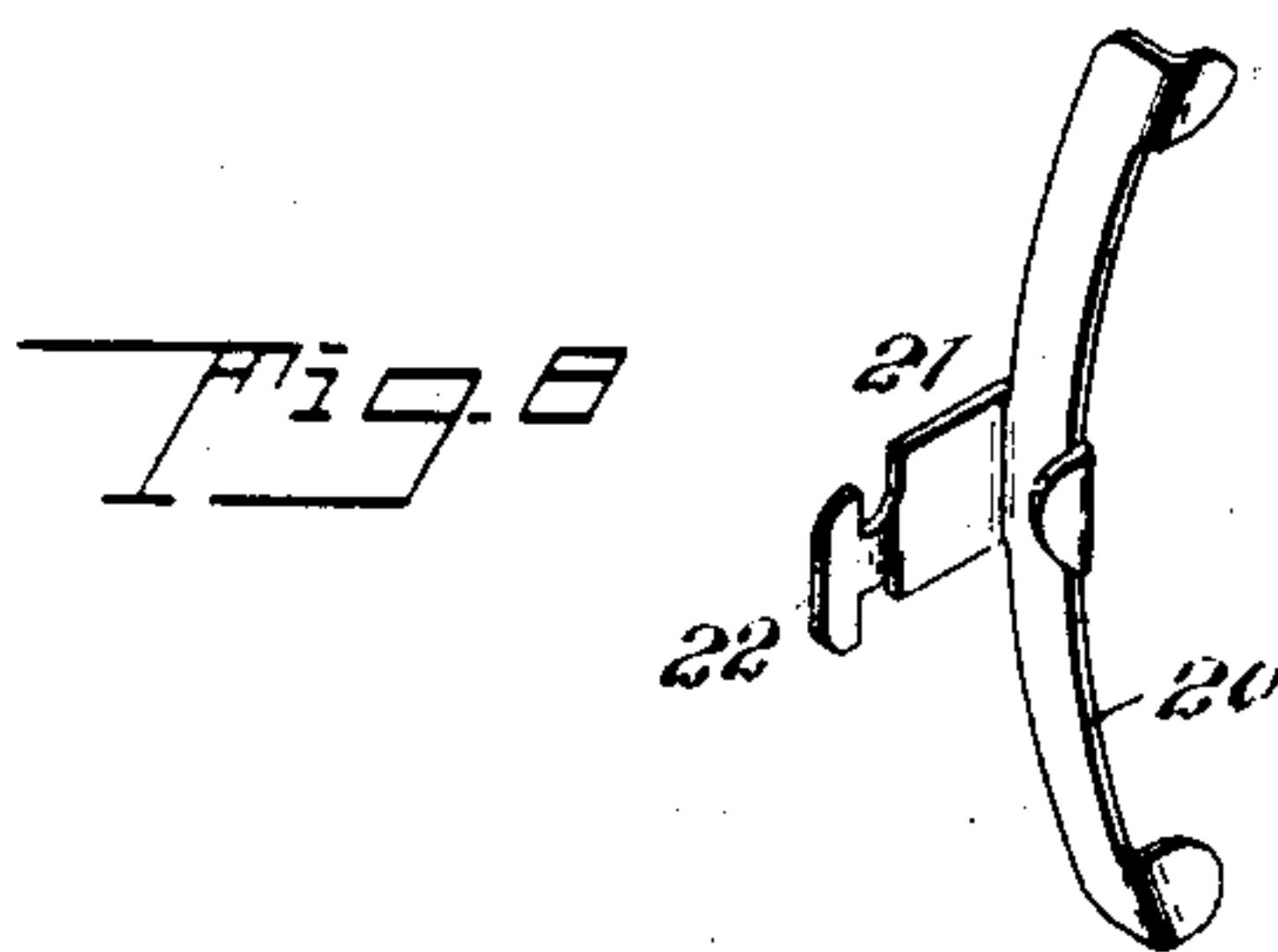
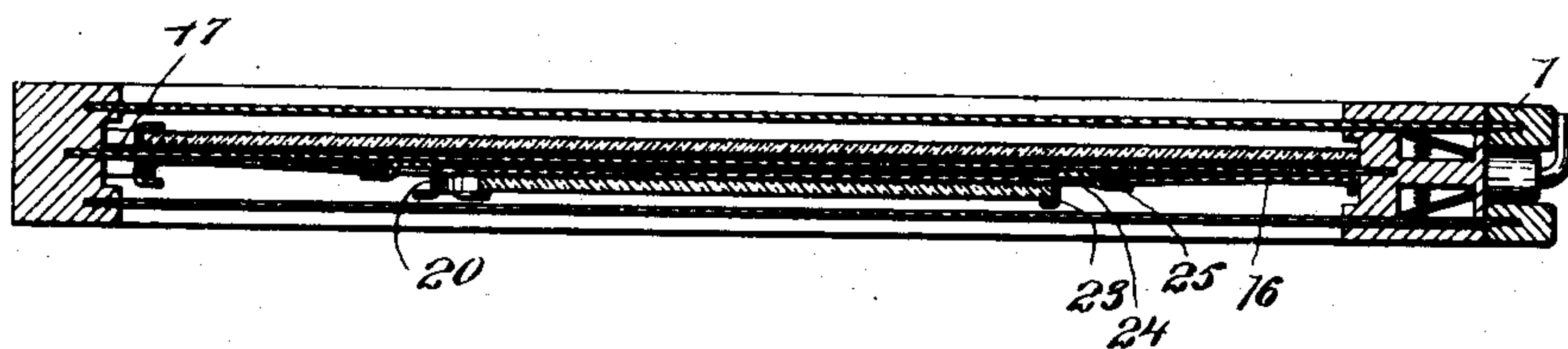


Fig 7



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UNITED STATES PATENT OFFICE.

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PHOTOGRAPHIC-PLATE HOLDER.

SPECIFICATION forming part of Letters Patent No. 681,920, dated September 3, 1901.

Application filed February 16, 1901. Serial No. 47,532. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR C. LA MAY, a citizen of the United States, and a resident of Rochester, in the county of Monroe and State of New York, have invented a new and Improved Photographic-Plate Holder, of which the following is a full, clear, and exact description.

This invention relates to improvements in photographic plate or film holders; and the object is to provide a holder having a simple device by means of which it may be readily adapted for holding plates or films of different sizes.

I will describe a photographic-plate holder embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figures 1 and 2 are views of opposite sides of a plate-holder embodying my invention with the slides removed. Fig. 3 is a section on the line *xx* of Fig. 1. Fig. 4 is a perspective view of a spring-clip employed. Fig. 5 is a perspective view of a corner-clip employed. Fig. 6 is a plan view showing a kit with my invention applied thereto, the same being arranged in an ordinary plate-holder. Fig. 7 is a section on the line *yy* of Fig. 6, and Figs. 8 and 9 are perspective views of modified forms of clips employed.

Referring to the drawings, 1 designates the plate-holder frame, and 2 3 the opposite slides therefor, arranged in the ordinary manner. Arranged in the frame are two septums 4 5, consisting of any suitable material and arranged to spring slightly apart. Each septum is provided near one end with a series of aligned openings 6 and near the other end with opposite openings 7, variously spaced apart and adapted to receive corner-clips 8 for the different widths of plates, while the openings 6 are designed to receive spring-clips 9 for engaging with the end of the plate. It will be noted that the openings 6 of one septum are arranged at the end thereof opposite to the openings 6 of the other septum, and

the openings 7 are correspondingly arranged, so as to prevent any possible passing of light through the openings in the two septums when the plate or film is exposed. The corner-clips 8 have shank portions 10 for passing through the openings 7 and engaging against the under side of the septum, and they have also upwardly-extended portions 11 for engaging against the end of a plate, forwardly-projecting portions 12 for engaging on the upper surface of the plate, and corner-pieces 13 for engaging against the sides of the plate near the corners. The spring-clip 9 has a shank portion 14 for engaging underneath the septum and lugs 15 at the ends of the spring-clip for engaging upon the upper surface of the plate. In operation the opposite corner-clips 8 will be placed in opposite openings 7 and the spring-clip engaged in one of the openings 6, depending upon the size of the plate or film to be supported in the holder. It will be noted in Figs. 1 and 2 that different-sized plates may be supported in opposite sides of the frame.

In Figs. 6 and 7 I have shown a septum 16, of any suitable material—such, for instance, as metal—which may be termed a “kit,” as it is designed to be placed against the septum 17, ordinarily fixed in a plate-holder. This septum 16 has T-shaped openings 18, arranged in a line at one end, while at the other end T-shaped opposite openings 19 are formed. A spring-clip 20, used in connection with this septum-kit, has a shank portion 21, designed to pass through the wider portion of the T-shaped openings 18 and underneath the septum, while a portion 22 of said shank is designed to be engaged upon the outer or upper surface of said septum, as clearly indicated in the drawings. The corner-clips 23 for this septum are formed in their body portions substantially like the corner-clips first described; but they have a shank portion 24 for passing through the wider portions of the openings 19 and engaging underneath the septum and lug portions 25 for engaging against the outer surface of the septum.

It will be seen by my invention that a plate-holder of a given size may be adapted to hold

plates of a smaller size and that the adjustments may be very quickly made. The septum 16 will be held in place by the ordinary means employed for holding a plate or film in the frame.

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

1. In a photographic-plate holder, a septum having a series of alined openings at one end and a series of opposite openings near the other end, a spring-clip adapted for engaging in any one of the first-named openings, and corner-clips for engaging in opposite openings, substantially as specified.

2. A photographic-plate holder, comprising a frame, two septums secured in said frame, each of said septums having alined openings near one end and opposite openings near the other end, the said opposite openings of one septum being arranged at the opposite end from that of the opposite openings in the other septum, a spring-clip for engaging in any one of the alined openings, and corner-

clips for engaging in opposite openings, substantially as specified.

3. In a photographic-plate holder, a septum having openings, a spring-clip having a shank portion to pass through an opening and to engage against the inner side of the septum, and corner-clips having shank portions to engage against the inner side of the septum, substantially as specified.

4. In a photographic-plate holder, a septum having openings and corner-clips, each corner-clip having a shank portion, a portion to engage against the end of a plate, a portion to engage upon the outer surface of the plate, and a portion for engaging with the side edge of the plate, substantially as specified.

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

ARTHUR C. LA MAY.

Witnesses:

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