

(No Model.)

J. SCHAUB.
PHOTOGRAPHIC PLATE HOLDER.

No. 603,972.

Patented May 10, 1898.

Fig. 1.

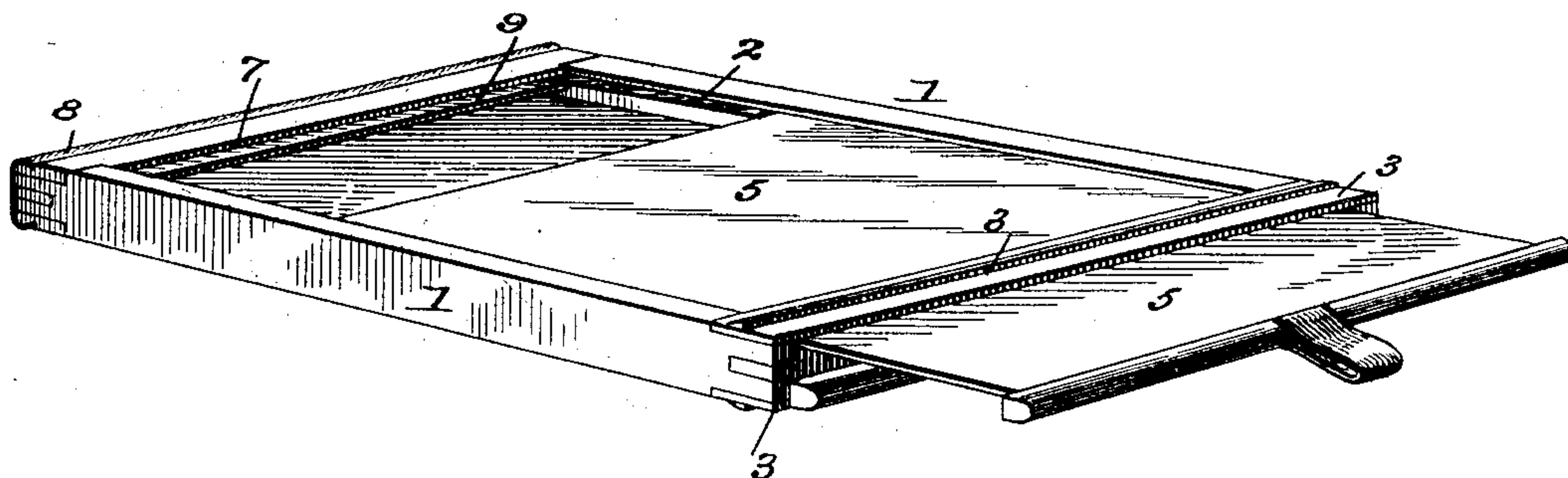


Fig. 2.

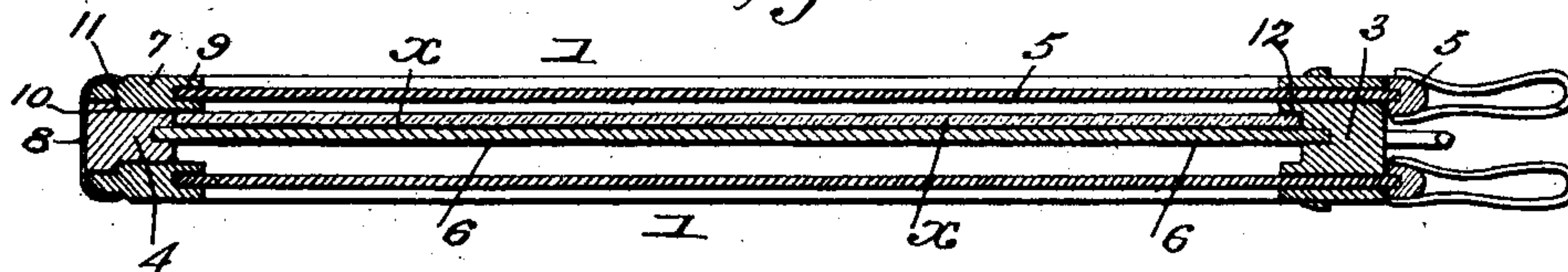


Fig. 3.

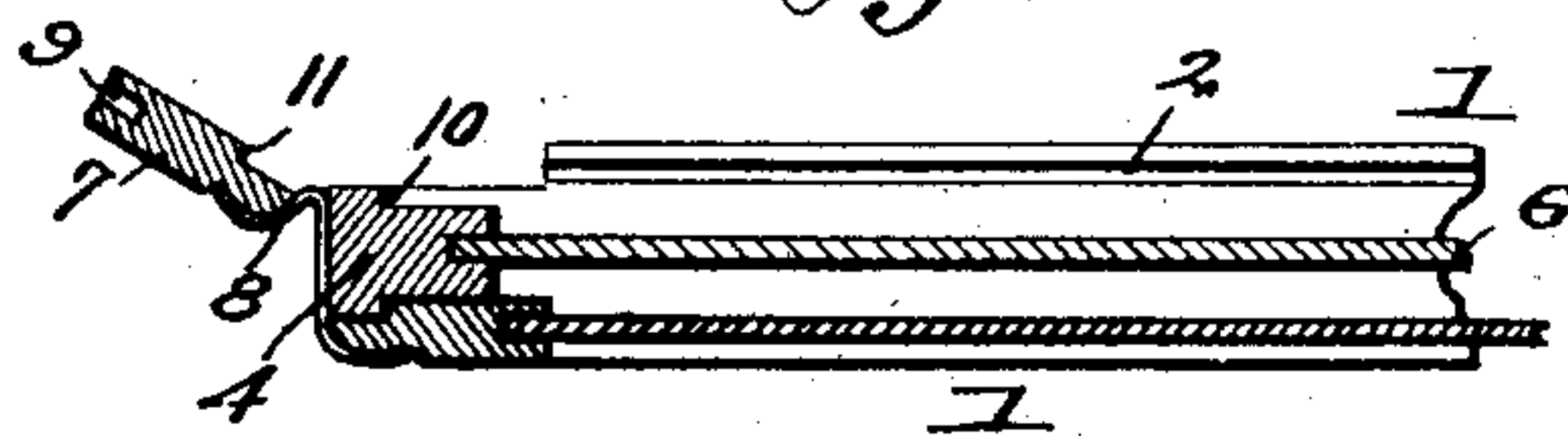
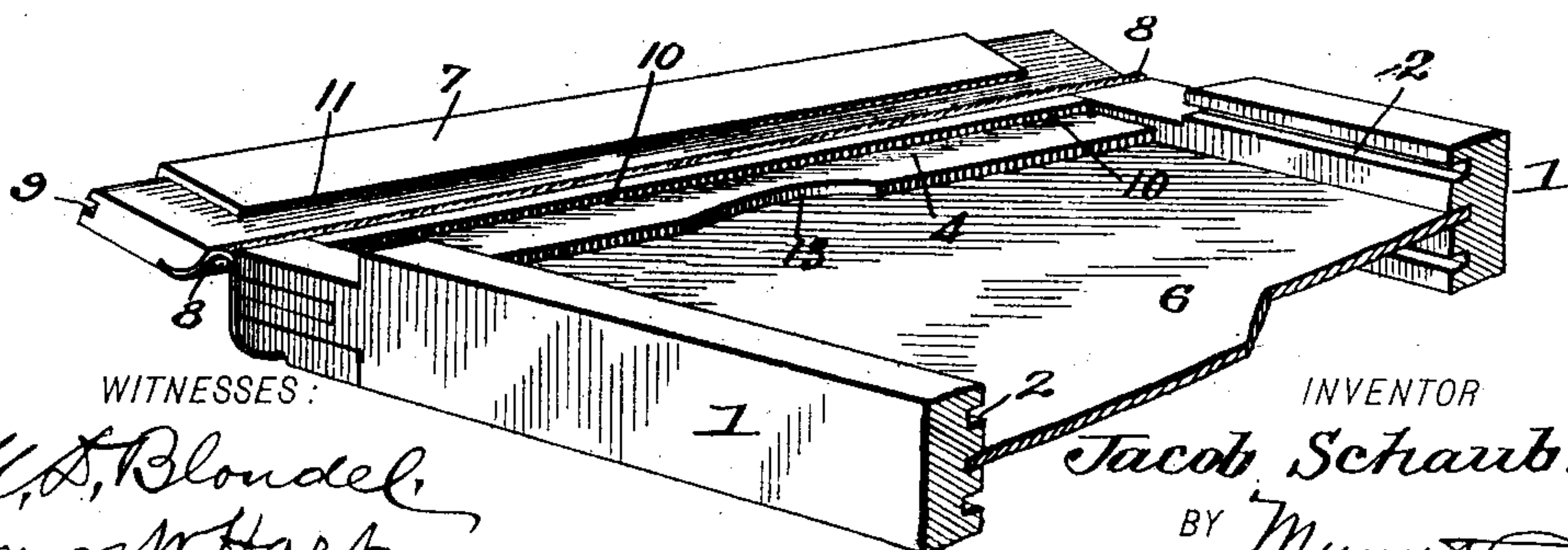


Fig. 4.



WITNESSES:

W. S. Blondel,
Amos N. Hart

INVENTOR

Jacob Schaub.

BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JACOB SCHAUB, OF SALT LAKE CITY, UTAH.

PHOTOGRAPHIC-PLATE HOLDER.

SPECIFICATION forming part of Letters Patent No. 603,972, dated May 10, 1898.

Application filed July 6, 1897. Serial No. 643,548. (No model.)

To all whom it may concern:

Be it known that I, JACOB SCHAUB, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Photographic - Dry - Plate Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

It is the object of my invention to provide an improved construction of photographic-plate holders which will allow insertion and removal of plates with greater ease and celerity than heretofore and by which the plates shall be more securely held in place, so that they shall be in no danger of being dislodged by jolting in traveling or otherwise. To these ends I provide the frame of the plate-holder with a hinged part or section, which is arranged at the end opposite the slide-entrance. When the slide is fully inserted or closed, it engages and locks the said movable section, which slightly overlapping the sensitive plate holds it securely in place.

The details of construction and operation of the invention are as hereinafter described, reference being had to the accompanying drawings, which represent a double plate-holder.

Figure 1 is a perspective view of a complete plate-holder, the slide or shutter being shown partly withdrawn. Fig. 2 is a longitudinal section of the plate-holder, the slide or shutter being shown closed. Fig. 3 is a longitudinal section of one end of the plate-holder, showing the movable section open and thrown back. Fig. 4 is a perspective view of an end portion of the plate-holder, showing the movable section open.

Since the two sides of the double or two-plate holder are duplicates, it will obviously be necessary to describe but one.

The rigid or fixed portion of the rectangular frame is composed of two side pieces or sections 1, having the usual lengthwise groove 2 in their inner sides, and two end pieces or sections 3 4. The section 3 has a lengthwise slot to receive the slide or shutter 3. The main feature of novelty consists in hinging the other end piece or section 7, so that it may be opened to allow more convenient in-

sertion and removal of the dry-plate x , Fig. 2. Such end piece or section 7 is secured flexibly to the fixed end piece or section 4 of the frame by means of a strip 8 of some flexible material, which is secured to the outer sides of the respective parts 4 and 7 by any suitable means. In some instances, more particularly in the case of large plate-holders, the attachment may be made by means of metal hinges.

The section 7 has an interior groove 9 to receive the end of the slide 5, as shown in Fig. 2, whereby it is locked securely in closed position.

The fixed frame-section 4 is cut away or rabbeted on its upper side, Fig. 2, to form a shoulder 10 for engagement with a corresponding shoulder 11 of the hinged section 7, so that when the latter is in closed position, as shown in Fig. 2, it will be prevented from moving laterally or outward.

It will be apparent that when the slide or shutter 5 is withdrawn and the section 7 opened, as shown in Figs. 3 and 4, a dry-plate x can be easily inserted and moved underneath the projection 10, Fig. 2, at the slotted end of the holder. Then upon closing the section 7, as shown in Figs. 1 and 2, it overlaps the other end of plate x , Fig. 2, and when the slide 5 is reinserted and fully closed it enters the groove 9 in said section 7 and locks it in such closed position.

When the holder has been inserted in a camera and the slide 5 withdrawn preparatory to an exposure, the pressure on the movable frame-section 7, which is necessarily incident to its position in the camera, will prevent it opening.

To unload the plate-holder, the slide 5 is drawn, the section 7 opened, as shown in Figs. 3 and 4, the cut-out portion or arch 13 of the fixed end section 4 allowing easy access to the adjacent edge of the plate x .

The invention is characterized by its adaptation for easy and rapid manipulation, safe and secure fastening of the sensitive plate therein, as well as by simplicity of construction and economy in manufacture.

What I claim is—

1. A photographic-plate holder composed of a rigid frame, having an end section which is hinged longitudinally and provided with a

groove in its inner side, and a shutter adapted to slide in said frame and engage the hinged section, for locking it closed, as specified.

2. In a photographic-plate holder the combination, with a rigid rectangular frame, whose fixed end section 4, has a lengthwise rabbet, of a grooved movable section which is hinged longitudinally to such fixed section, and adapted to fold upon the same, and also
10 engage the shoulder of the rabbet; and the

slide or shutter adapted to enter the groove of the movable section, for locking it, as shown and described.

In testimony whereof I have signed this specification in the presence of two subscrib- 15
ing witnesses.

JACOB SCHAUB.

Witnesses:

L. L. SIMMONS,
ALBERT WILKES.