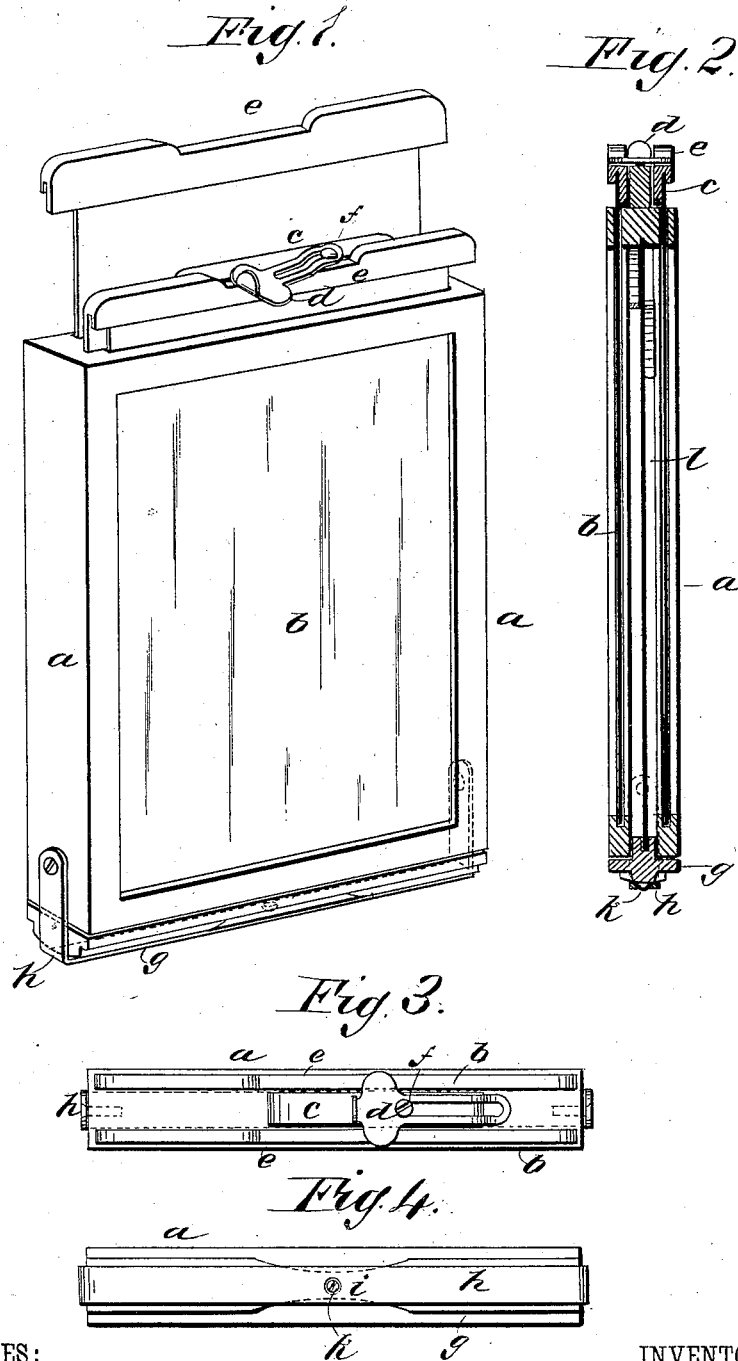


(No Model.)

W. H. LEWIS.
PLATE HOLDER FOR CAMERAS.

No. 304,112.

Patented Aug. 26, 1884.



WITNESSES:

Francis McArdle
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INVENTOR:

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UNITED STATES PATENT OFFICE.

WILLIAM H. LEWIS, OF NEW YORK, N. Y., ASSIGNOR TO E. & H. T. ANTHONY
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PLATE-HOLDER FOR CAMERAS.

SPECIFICATION forming part of Letters Patent No. 304,112, dated August 26, 1884.

Application filed May 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. LEWIS, of the city, county, and State of New York, have invented a new and Improved Plate-Holder for Cameras, of which the following is a full, clear, and exact description.

My improvements relate to holders for photographic plates; and the invention consists in an improved catch or fastening for securing both shutters when closed, and also for holding the closed shutter when the other is withdrawn.

It also consists in a fastening device for reliably holding the end covering or cap of the holder where the plates are inserted, all as hereinafter described and claimed.

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

Figure 1 is a side perspective view of a holder of my improved construction. Fig. 2 is a longitudinal section of the same. Fig. 3 is an end view of the holder, and Fig. 4 is a view of the reverse end.

The frame *a* of the holder is, as usual, divided by the interior plate or septum, *l*, and is fitted with shutters *b*, sliding as usual. Upon the end of frame *a* is fixed a block, *c*, between the projecting ends or heads of the shutters *b*, so as to form a flush surface, and to this block is attached the fastening-clip *d*. This fastening consists of a T-shaped plate slotted for the fastening-screw *f*, and so that the plate may slide endwise. The T ends of the fastening project over the ends of the shutters *b* in recesses *e*, formed in the shutters. With the fastening-clip *d* drawn forward, as shown in Fig. 1, it may be turned to either side far enough to allow one shutter to be drawn out, and in this position the other shutter is held fast by the fastening, which covers its end. To retain both shutters securely when closed, the fastening *d* is moved back, as shown in Fig. 3, and in this position it is clamped by the binding action caused by a slight bend in its long arm. It is also prevented from turning by being between the ends of the shutters when in this position.

This device is reliable for its intended purpose, and prevents the shutters from coming out accidentally. It is to be observed that the fastening cannot be moved into a position for releasing both shutters at once, one or the other being locked at all times, and both when desired.

The end of the holder left open for insertion of the plates is fitted with a removable cap, *g*, as usual. For retaining this in place, a spring strip or plate, *h*, of metal, is attached by its bent ends to the sides of frame *a*, so that it may be turned over the cap *g*, or to one side when the cap is to be removed. This strip or fastening is bowed inward, and is apertured at *i* to catch over a pin or screw, *k*, on the cap, so that accidental movement is prevented. The fastening can be readily sprung up to clear the pin *k*, when necessary, for removing the cap.

The clip may be used for either dry or wet plate holders.

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

1. The fastening for double-plate holders, consisting of a clip arranged to fasten both shutters, and having a side movement sufficient to release either shutter while retaining the other in place, substantially as described.

2. The fastening for shutters of plate-holders, consisting of a clip fitted to slide on the frame of the holder, and pivoted to turn at either side for releasing one shutter, substantially as described.

3. In a plate-holder, the slotted T-shape clip *d*, combined with the shutters *b*, having recessed ends, substantially as described.

4. In a plate-holder, the pivoted plate *h*, combined with the cap *g* of the holder, substantially as and for the purpose specified.

5. The pivoted fastening-plate *h*, apertured at *i*, combined with frame *a* and cap *g*, having a pin, *k*, as specified.

WILLIAM H. LEWIS.

Witnesses:

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