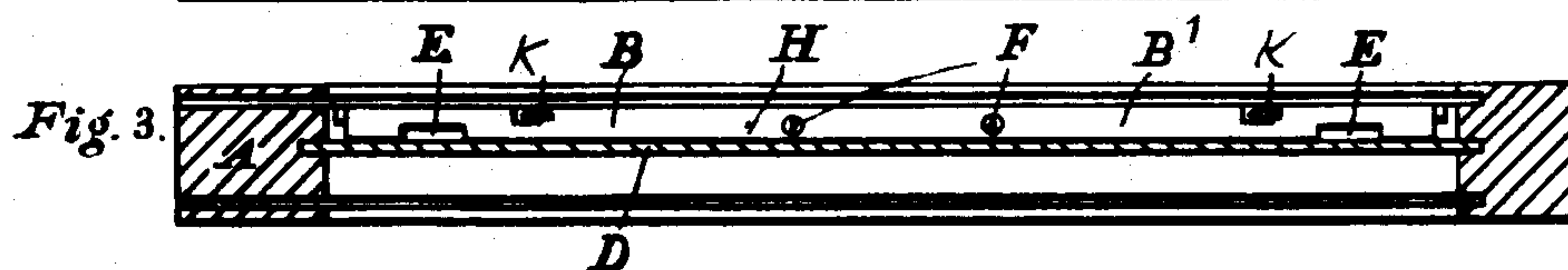
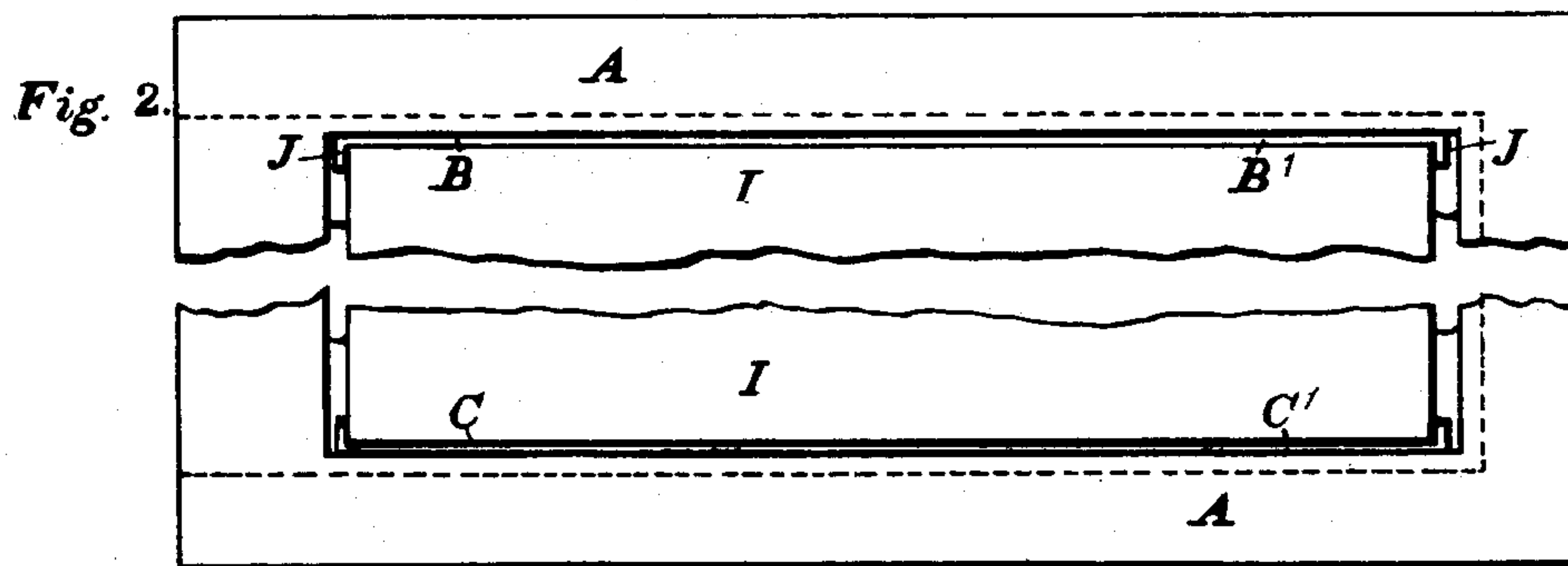
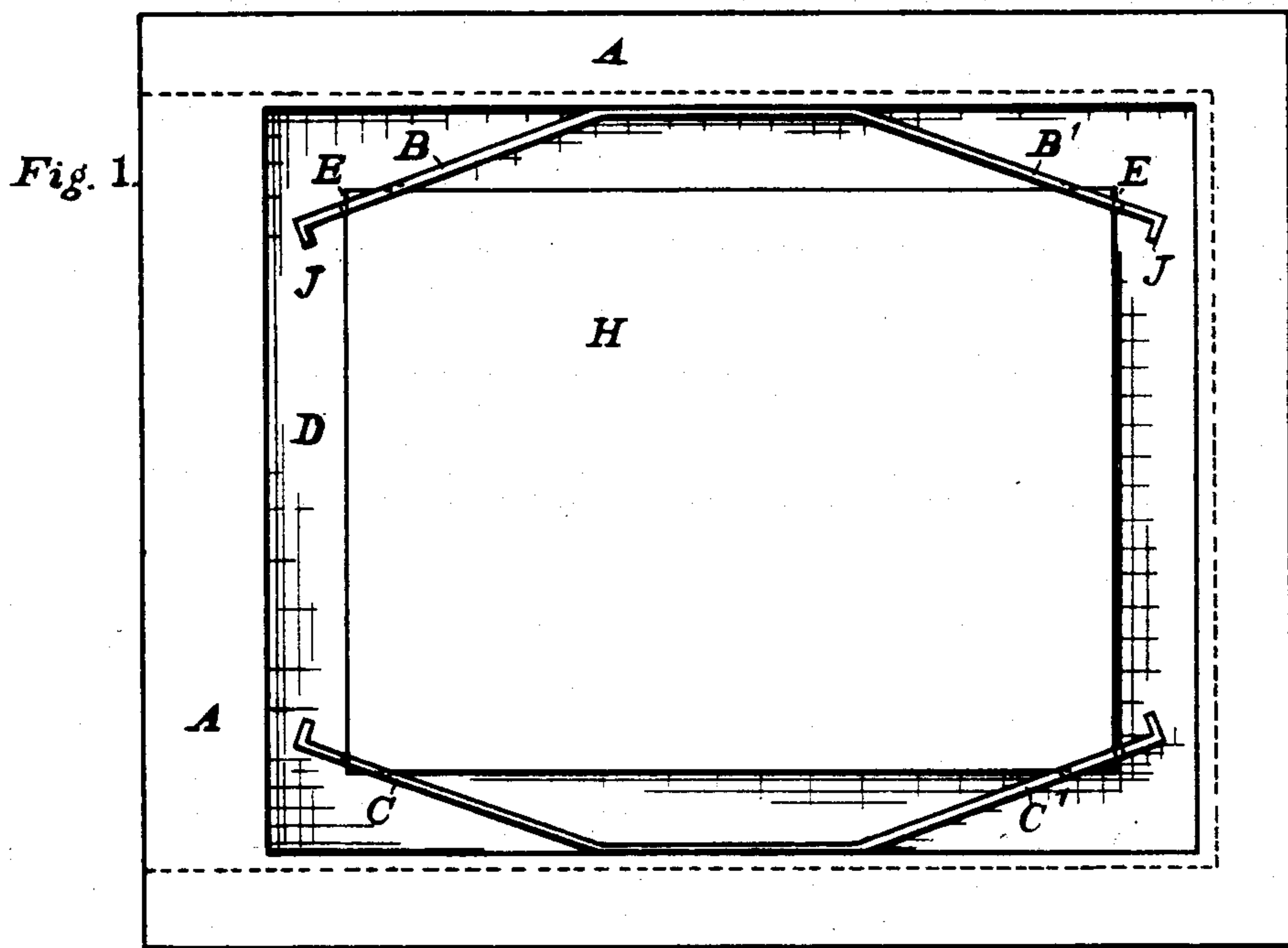


F. V. MATHEWS.
PHOTOGRAPHIC PLATE HOLDER.

(Application filed June 13, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK V. MATHEWS, OF ROCHESTER, NEW YORK.

PHOTOGRAPHIC-PLATE HOLDER.

SPECIFICATION forming part of Letters Patent No. 682,804, dated September 17, 1901.

Application filed June 13, 1901. Serial No. 64,433. (No model.)

To all whom it may concern:

Be it known that I, FRANK V. MATHEWS, a citizen of the United States, residing at Rochester, Monroe county, New York, have invented an Improvement in Photographic-Plate Holders, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in photographic-plate holders whereby they are adapted to carrying plates of different sizes.

My improvements are fully described and illustrated in the following specification and the accompanying drawings, the novel features thereof being specified in the claims annexed to the said specification.

In the accompanying drawings, representing my invention, Figure 1 is a front view showing a small plate in place in the holder. Fig. 2 is a front view, partially broken away, showing a large plate in the holder. Fig. 3 is a central longitudinal section.

A A represent the frame of the holder, and B B' C C' the plate-retaining springs. The holder may be made of any suitable or preferred size or dimensions and the springs may be adapted to carrying two or more different sizes of plates. The holder is provided with the usual exposing-shutter, and my improvements may be applied to either single or double holders, in which latter case the septum D is employed. The springs are attached to the interior of the frame in any suitable way, as by the screws F, Fig. 3. The springs B B' may be in one continuous piece of suitable spring metal. The springs are provided with

the notches E, which engage with the corners of a small plate H, as indicated in Fig. 1. When the largest plate which the holder can accommodate is employed, as shown at I, Fig. 2, the springs are pushed all the way back against the frame, and they may be provided with bends J at their free ends to engage with the corners of the plate. In this case also provision may be made for holding the springs in their retracted position to facilitate the insertion or removal of the plate in any suitable way, such as by the L-shaped hooks K, which may be turned down over the springs to keep them retracted.

My improvements are simple and cheap and applicable to many of the ordinary styles of holders on the market without materially increasing their dimensions or cost.

I claim—

1. The combination with the frame of a photographic-plate holder, of the two plate-retaining springs attached to the interior of the frame on opposite sides and each provided with notches at a distance from the free ends, whereby the springs are adapted to holding plates of different sizes, as and for the purposes set forth.

2. The combination with the frame of a photographic-plate holder, of the notched plate-retaining springs and means for holding the springs in retracted position, as and for the purposes set forth.

FRANK V. MATHEWS.

Witnesses:

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