

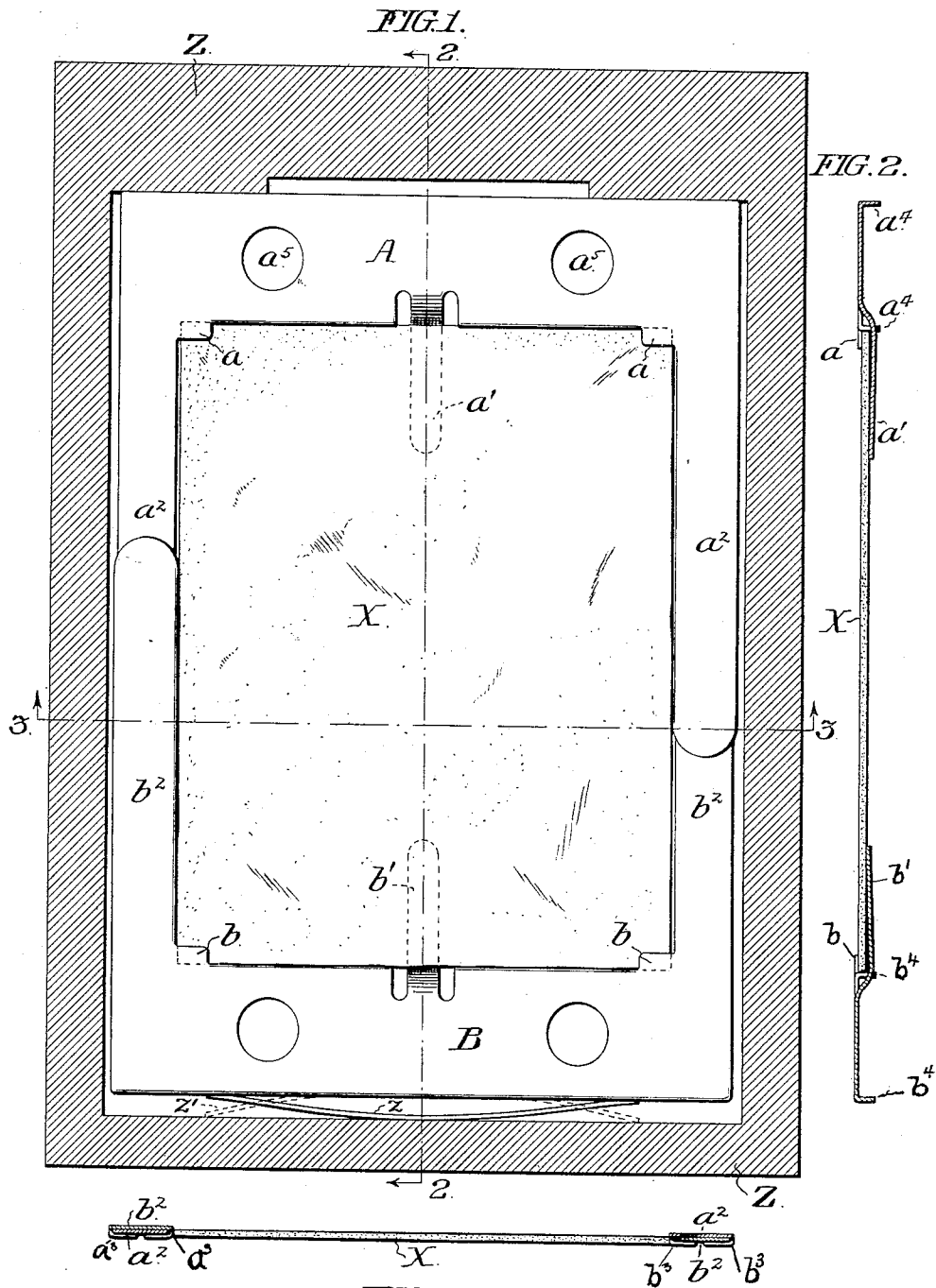
(No Model.)

2 Sheets—Sheet 1.

A. E. PAIGE.
PHOTOGRAPHIC PLATE HOLDER.

No. 477,696.

Patented June 28, 1892.



WITNESSES:

James H. Bell

INVENTOR

Arthur E. Paige

(No Model.)

2 Sheets—Sheet 2.

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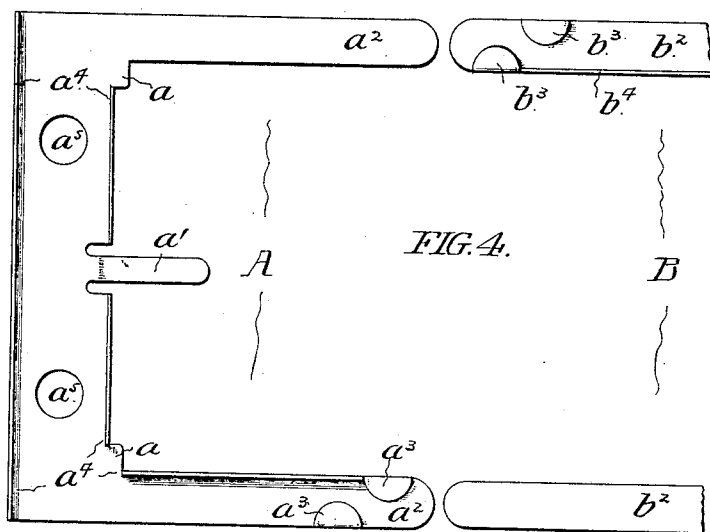


FIG. 4.

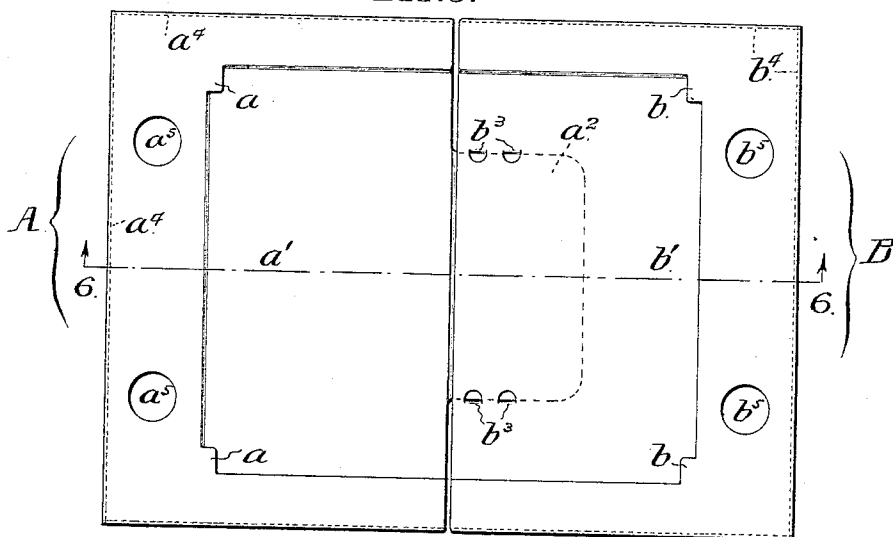


FIG. 5.

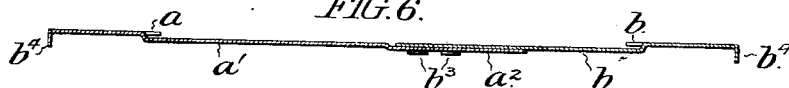


FIG. 6.

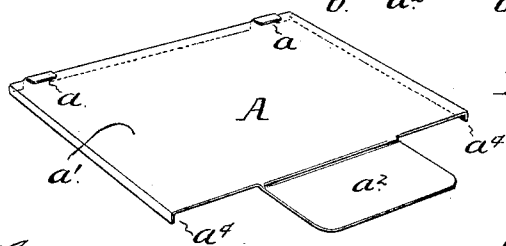


FIG. 7.

WITNESSES:

A. J. Gahm
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UNITED STATES PATENT OFFICE.

ARTHUR E. PAIGE, OF PHILADELPHIA, PENNSYLVANIA.

PHOTOGRAPHIC-PLATE HOLDER.

SPECIFICATION forming part of Letters Patent No. 477,696, dated June 28, 1892.

Application filed April 22, 1891. Serial No. 389,966. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR E. PAIGE, a citizen of the United States of America, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Photographic Plate or Film Carriers or Kits, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to devices used in photography to retain the sensitized plate, cut sheet, or film in proper position in the plate-holder. Such devices are known as "carriers" or "kits."

The objects of my invention are, first, to provide a carrier or kit which may be filled and emptied while in or out of the plate-holder and without small parts—such as hooks or latches—being liable to displacement or loss; second, to provide a carrier or kit which shall automatically adjust itself to and prevent lateral motion of an inserted plate or film, notwithstanding slight variations of such plate or film from the standard of size.

Referring to the accompanying drawings, Figure 1 is a plan of my invention in a well-known form of plate-holder. Fig. 2 is a section on line 2 2 of Fig. 1, the holder being omitted. Fig. 3 is a section on line 3 3 of Fig. 1, the holder being omitted. Fig. 4 is an inverted plan showing details of the form of my invention shown in Fig. 1. Figs. 5, 6, and 7 show modifications, Fig. 6 being a section on line 6 6 of Fig. 5.

Similar letters refer to like parts in the several views.

The device, as shown, is made in two sections A and B, respectively, sliding or telescoping one upon the other, and in the form indicated in Figs. 1, 2, 3, and 4 these sections are exactly alike.

In all the forms shown the sections A and B may be readily separated for convenience of packing.

In Fig. 1, Z is the plate-holder having a spring z . Such a construction is usual; but it is obvious that a spring upon the carrier or kit would serve the same purpose. (See z' .) a and b are retaining lugs or flanges to overlap the edges of the plate or film X. a' and

b' are supports for the under side of the plate or film. a^2 and b^2 are telescoping members of A and B. a^3 and b^3 are guide-lugs for telescoping members b^2 and a^2 , respectively. a^4 and b^4 are ledges or flanges on A and B of any required depth to fit plate-holder. a^5 and b^5 are finger-holes, which I find facilitate the handling of the carrier.

In the form of my invention indicated in Figs. 5 and 6 the supports a' and b' for the under side of the plate or film extend from side to side, instead of having the tongue form shown in Fig. 1, and the telescoping member is centrally located.

It is obvious that the overlapping lugs or flanges a and b may be located otherwise than as shown in Fig. 1, according to size of plate to be held by a given size of carrier. Fig. 7 shows said lugs at the extreme edge of the carrier.

I prefer to construct my invention of thin sheet metal cut or stamped out by means of dies; but I do not desire to limit myself to such material or method of manufacture.

The operation of my invention is as follows: One end of the plate or film is inserted under the lugs or flanges a , the sections A and B slid apart far enough to allow the other end of plate to drop past the lugs or flanges b , and the sections A and B closed together upon the plate. To remove the plate, this action is reversed.

Having described my invention and its mode of operation, what I claim is—

1. As an article of manufacture, a carrier or kit for use in a camera, adapted to be at will placed in and removed from a holder, said carrier being constructed as a rectangular frame, the opposite sides of which each embody a projecting arm or member, and the opposing arms or members being arranged free for sliding movement past each other, whereby the frame may be lengthened or shortened without interrupting its continuity, substantially as set forth.

2. As an article of manufacture, a carrier or kit for use in a camera, adapted to be at will placed in and removed from a holder, said carrier being constructed as a rectangular frame, two of the opposite sides of which each embody two projecting arms or members, and

the opposing arms or members of the respective sides being arranged free for sliding movement past each other, whereby the frame may be lengthened or shortened without interrupting its continuity, substantially as set forth.

3. As an article of manufacture, a carrier or kit for use in a camera and adapted to be at will placed in and removed from a holder, and consisting of two parts, each part comprising an end member and two side members, the side members of one part overlap-

ping and being supported in telescopic relationship with the corresponding members of the other part, whereby the kit may be extended or shortened, and a spring adapted to force the two parts together, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR E. PAIGE.

Witnesses:

A. J. ZAHN,
JAMES H. BELL.