

No. 758,751.

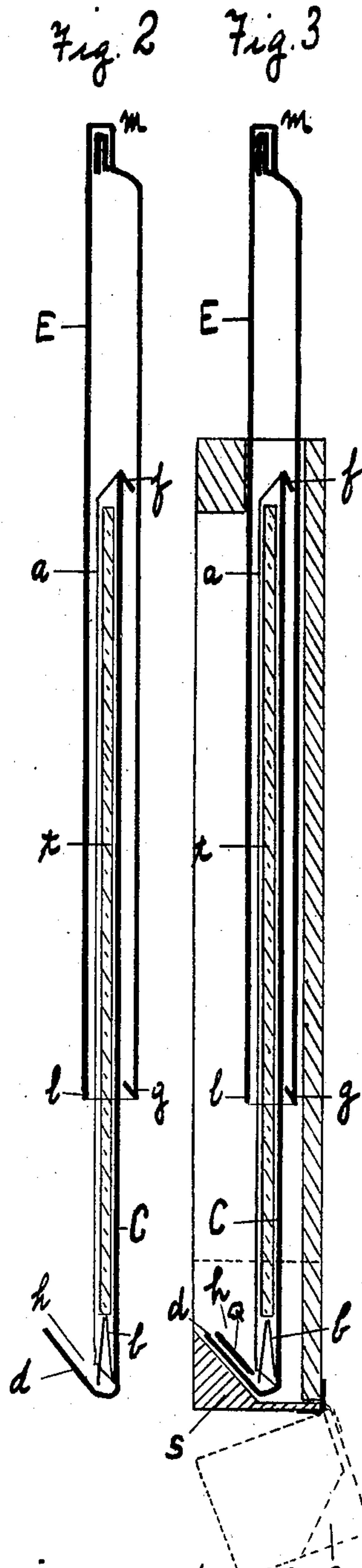
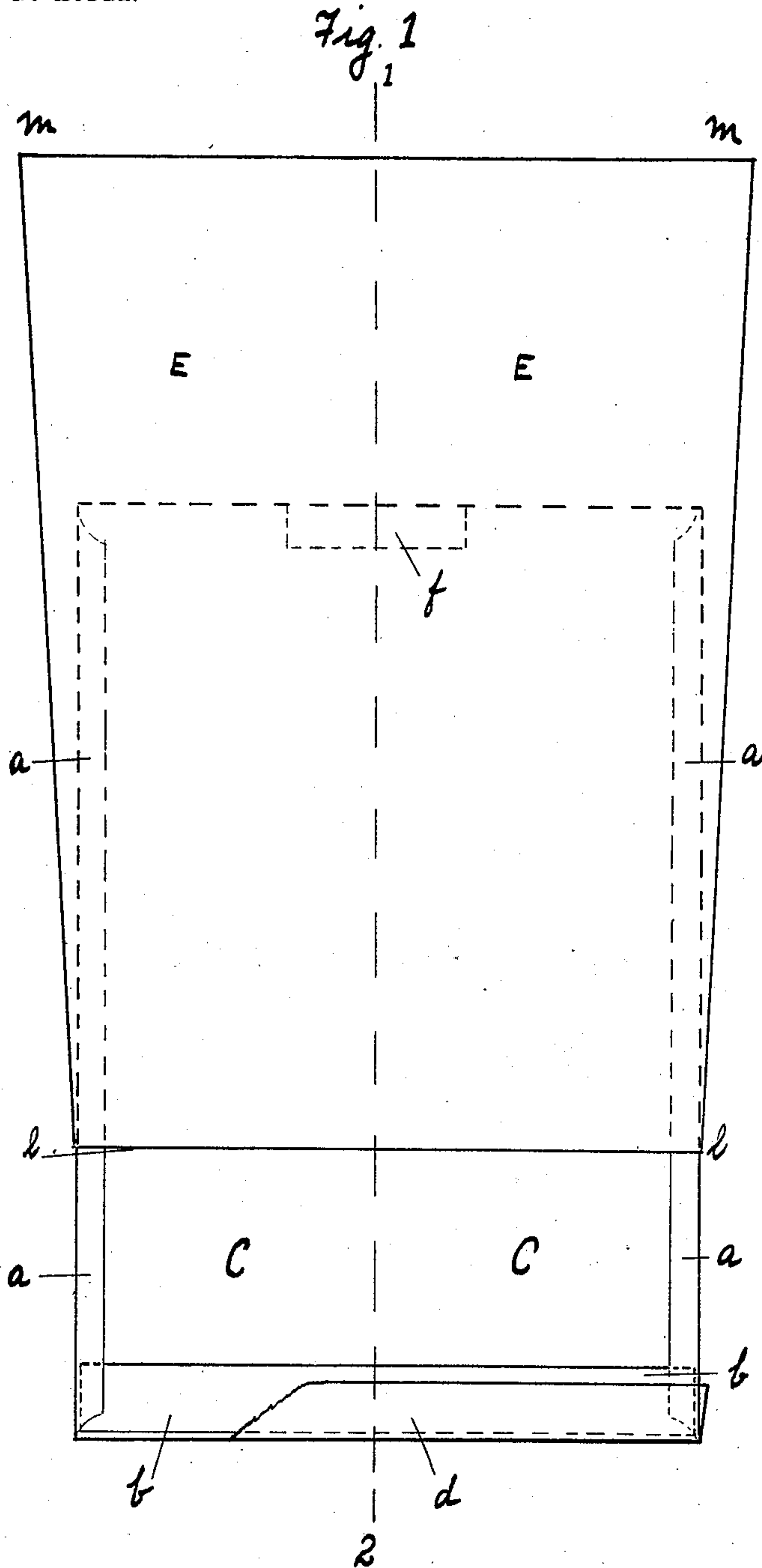
PATENTED MAY 3, 1904.

L. M. HANKS.  
PHOTOGRAPHIC PLATE AND FILM HOLDER.

APPLICATION FILED SEPT. 10, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

*Paul Kney*  
*E. Kney*

*Lucien M. Hanks*  
INVENTOR.

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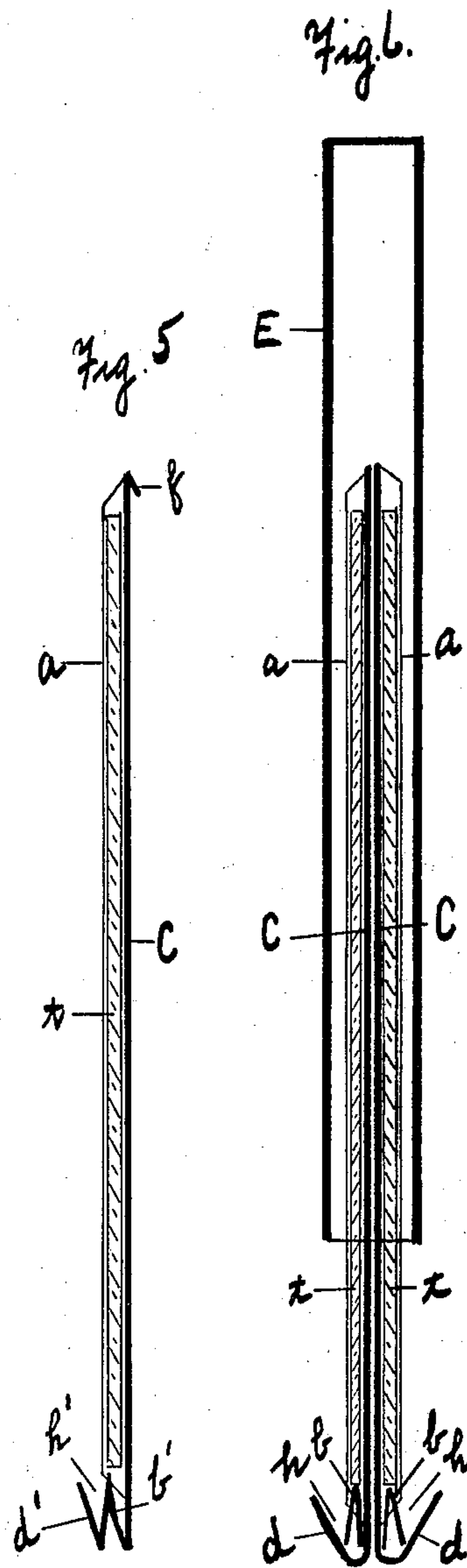
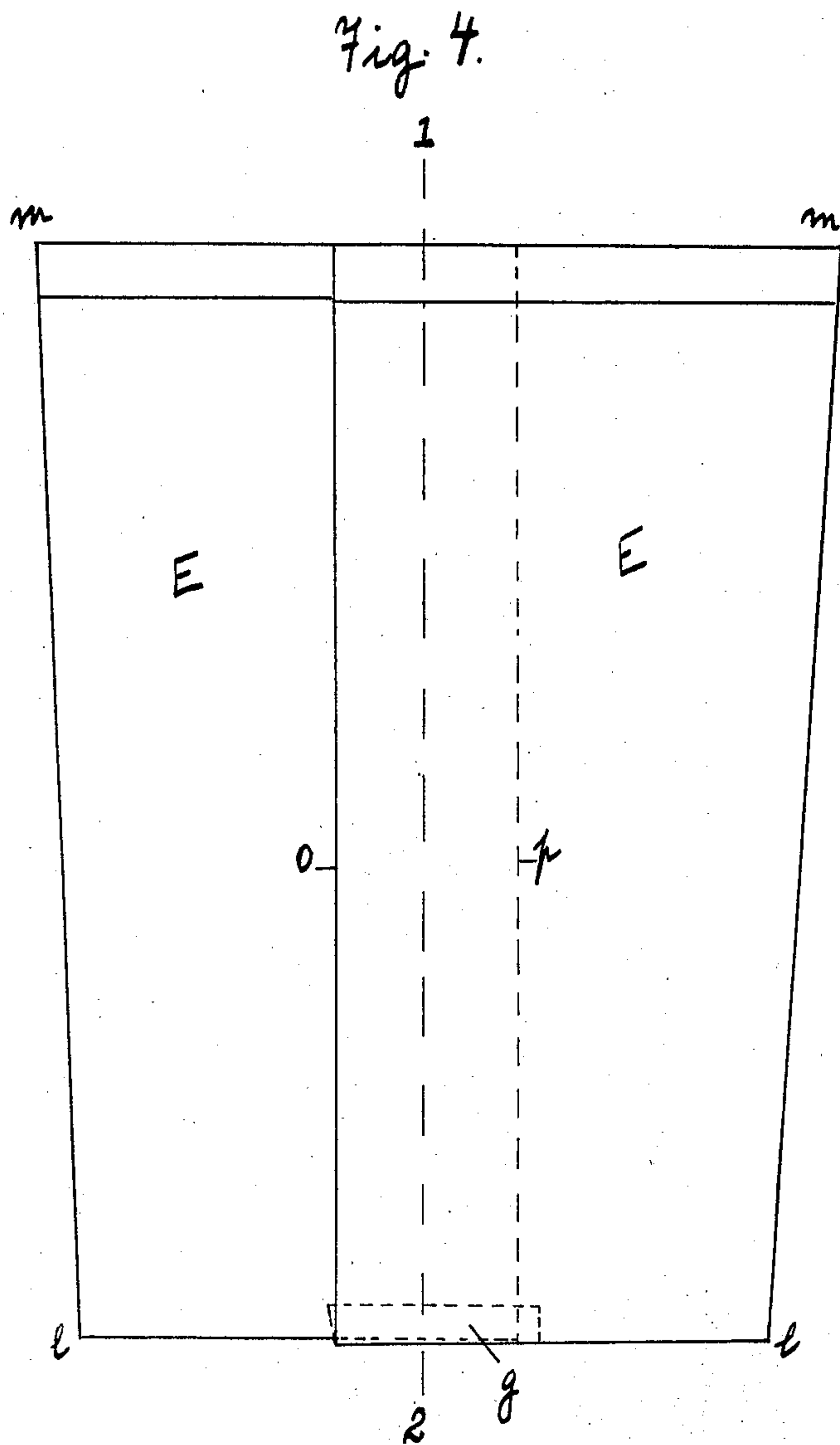
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NO MODEL.

2 SHEETS—SHEET 2.



WITNESSES:

Paul Kuey  
Ed Kuey

Lucien M. Hanks  
INVENTOR.



# UNITED STATES PATENT OFFICE.

LUCIEN MASON HANKS, OF MADISON, WISCONSIN.

## PHOTOGRAPHIC PLATE AND FILM HOLDER.

SPECIFICATION forming part of Letters Patent No. 758,751, dated May 3, 1904.

Application filed September 10, 1903. Serial No. 172,690. (No model.)

*To all whom it may concern:*

Be it known that I, LUCIEN MASON HANKS, a citizen of the United States, residing at Madison, in the county of Dane and State of Wisconsin, have invented a new and useful Photographic Plate and Film Holder, of which the following is a specification.

My invention relates to improvements in photographic plate and film holders generally; and the objects of my improvement are to provide, first, a lighter photographic plate or film holder; second, a more compact photographic plate or film holder; third, a cheaper photographic plate or film holder.

Holders have heretofore been of expensive and bulky construction designed to be durable.

The object of my invention is to provide a cheap holder in which plates or films may be placed by a manufacturer or dealer and sold in these same holders to the consumer ready for use in the camera. This will do away with the dark room without adding materially to the size or cost of a package of plates or films. After using, holders may be thrown away. I attain these objects by the devices illustrated in the accompanying drawings, in which—

Figure 1 is a front view of my holder with the envelop E partly drawn to show the carrier c and part of the flap d of carrier c broken away. Fig. 2 is a vertical section of my holder along the line 1 2. Fig. 3 is a sectional view of my holder in an appropriate adapter, the envelop being partly drawn. Fig. 4 is a back view of the envelop E. Fig. 5 is a view of another method of making the carrier. Fig. 6 shows the use of two carriers to form a double plate or film holder.

Similar letters refer to similar parts throughout the several views.

Referring to Fig. 1, C is the carrier for the photographic plate or film. Two opposite edges a a' are turned in to form narrow edges to retain plate or film. A third edge d is also turned in in the same direction, but on top of a a' and somewhat more in order to form a flap, under which the edge l of the envelop E may slide to exclude light. Flap d is further designed to engage an appropriate part Q of an adapter, as will be shown below.

b is a stop made of felt, felt and paper, worsted and paper, or any springy material. In this case b is a strip of paper folded on itself and placed under the flap d. b is designed to prevent the plate or film from slipping under flap d and further designed to form, in connection with the flap d, a very narrow slot h for the entrance of the edge l of the envelop E.

f (a part of c) is a small flap folded back on C to engage a similar flap g of the envelop E when said envelop E is drawn for exposure.

E is the envelop and is open at one end l only to slide snugly over carrier C, its lower edge l to enter the slot h when closed. For the more positive exclusion of light the open end l of E may be made slightly smaller than its opposite end m. This will also reduce the friction of sliding the envelop E over the carrier C. In order that this friction may be still further reduced and that the envelop E may more perfectly adapt itself to the varying thickness of plate t used in carrier C, the back side of envelop E may be formed with unfastened overlapping edges o p, Fig. 4.

g (part of E) is a flap folded in and designed to engage the flap f of carrier when the envelop E is drawn for exposure, thus preventing the envelop E from being pulled out too far to be easily pushed back. g serves the further purpose of holding the edge o in place.

It is to be noted that the flap d as manufactured does not stand out at an angle, as represented in Fig. 2, but lies close to the envelop E, the front of holder, as well as the back, being a plain surface with no projections. The drawings are so made to show operation and construction more clearly.

The operation of my invention as illustrated in the accompanying drawings is as follows: The ordinary camera being made to receive a more bulky holder than mine, it is necessary to use an adapter. Such a device is illustrated in section in Fig. 3, for which I have applied for Letters Patent under date of September 10, 1903. My holder is inserted closed end m first in the lower end of adapter (the cover s being opened, as indicated by the dotted lines) and pushed home—i. e., until the flap d engages the part Q. The cover s is closed down on flap d to hold same securely and to exclude



light while exposure is being made. The adapter with holder is now placed in camera as an ordinary plate-holder. The end *m* of holder projects beyond the adapter and furnishes a means of drawing the envelop until stopped by the engaging of flaps *f g*. The exposure may now be made, after which the envelop is pushed back to its original position, the adapter removed from camera, and the holder removed from the adapter.

The above is a description of only one of many forms in which my invention may be made, so that I do not limit my application to this particular device. For example, the stop *b* may be made by folding in the same piece of material that composes the carrier and then folding it out and in again to form the flap *d'*, as in Fig. 5.

What I claim as new, and desire to secure by Letters Patent, is--

1. In a photographic plate or film holder the combination of a carrier having a flap at one end and a stop under said flap, substantially as set forth.
2. In a photographic plate or film holder

the combination of an envelop open at one end to slide over a carrier and said open end made smaller than its opposite end.

3. In a photographic plate or film holder the combination of an envelop open at one end to slide over a carrier, said open end made smaller than its opposite end, and said envelop having its back side formed with overlapping edges substantially as set forth.

4. In a photographic plate or film holder the combination of a carrier and an envelop provided with stops to prevent drawing the envelop off the carrier substantially as set forth.

5. In a photographic plate or film holder the combination of a carrier to hold a plate or film and an envelop to slide over said carrier to exclude light substantially as set forth.

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

LUCIEN MASON HANKS.

Witnesses:

PAUL KNEY,  
E. O. KNEY.