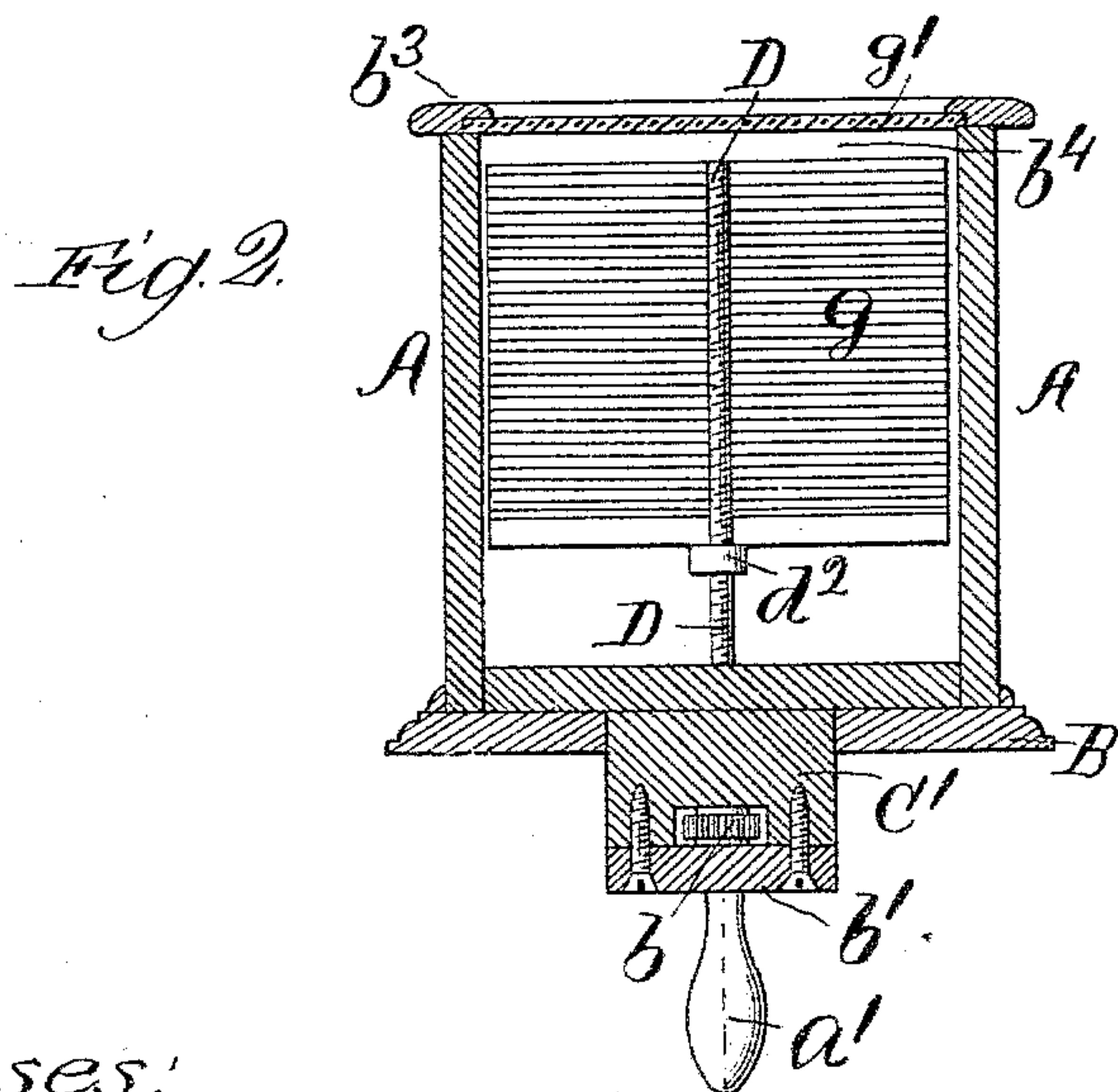
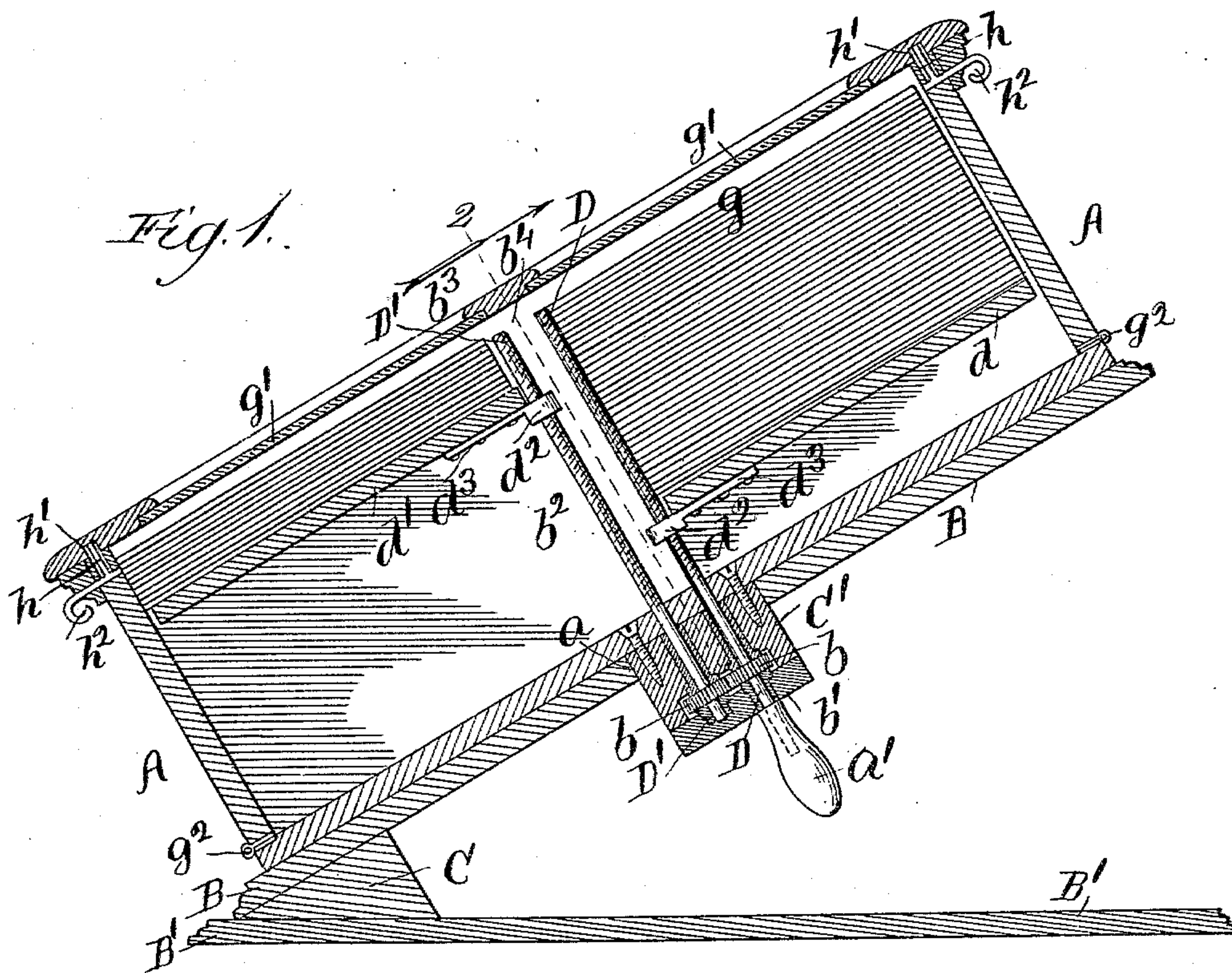


(No Model.)

H. BORGERSEN.
PHOTOGRAPH HOLDER AND EXHIBITOR.

No. 545,192.

Patented Aug. 27, 1895.



Witnesses:
Eas. E. Gaylord,
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UNITED STATES PATENT OFFICE.

HANS BORGERSEN, OF CHICAGO, ILLINOIS.

PHOTOGRAPH HOLDER AND EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 545,192, dated August 27, 1895.

Application filed April 17, 1895. Serial No. 546,038. (No model.)

To all whom it may concern:

Be it known that I, HANS BORGERSEN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Photograph Holders and Exhibitors; 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.

The object of this invention is to provide a closed receptacle or holder that is substantially dust-proof in which photographs or pictures may be loosely placed and exhibited in regular order in accordance with their arrangement.

In the drawings, Figure 1 is a longitudinal section of a device on line 1, Fig. 2, looking in the direction indicated by the arrow, which embodies my improved features; and Fig. 2, a transverse section on line 2, Fig. 1.

A is a box-like case or receptacle, which may be of any suitable dimensions, but preferably of the rectangular form shown.

The holder and exhibiting-case A is supported at an inclined angle, as illustrated, by means of a detachable base, comprising the inclined part B and the horizontal part B', which come together at their meeting ends and are retained in this relative position by an interposed triangular wedge-block C. A cylindrical pivot-body C' is rigidly secured to the under side of the case and projects through an aperture *a* in the inclined part of the base-support.

The lower ends of companion screw-rods D D' are provided with suitable bearings in the pivot-body C', the rod D projecting through and having a handle *a'* secured thereon, while the rod D' stops short in said body. On the lower ends of said rods are mounted companion pinions *b b*, recessed in body C', which engage with each other, so that when the rod D is turned in one direction the rod D' will be rotated in the opposite direction. A removable cap *b'* affords access to the pinions. The screw-rods extend up into the chamber *b²* of the inclosing case and stop just short of the top *b³* thereof, leaving a space *b⁴* therebetween, as shown in Fig. 1. The screw-rods being located in the center of the

case may be said to divide the same into two compartments opening into each other.

In the respective ends of the case are located movable companion shelves *d d'*. Traveling threaded nuts *d² d²* are respectively mounted on screw-rods D D', and are each provided with a strap-extension *d³*, rigidly fastened to the inner adjacent ends of the shelves. By this arrangement one shelf will travel upward and the other downward when the endless screw-rods are rotated, the shelves maintaining about the relative position shown in the drawings in this alternate action.

A number or packet of pictures *g* placed on the inclined shelf *d* rests against the screw-rod D, as shown in the drawings. Now as the screw-rods are rotated the shelf *d* and the pictures or photographs loosely supported thereon are moved upward until the first or top one clears the end of the rod, when it will gravitate or slide over onto the companion shelf *d'*, which in the meantime has traveled the same distance in a downward direction. This operation may be continued until all of the photographs are transferred from one shelf to the other, when the case may be turned end for end on its pivot and the packet of pictures withdrawn from the case, turned to bring them head end up, and replaced and the operation repeated. The top or cover of the case has a glass plate *g'* framed therein, through which the pictures may be seen, two of which are always exposed to view at the same time.

The respective ends of the case have a hinged connection, as at *g²*, and are provided at the top edge with a catch, the inner end *h* of which is adapted to engage with a recess *h'* in a locking position and the outer end *h²* projecting, so that it may be conveniently grasped to turn and disengage the same from a locking position and afford access to the picture-compartment.

I do not limit myself to the precise arrangement shown for supporting the holder in its inclined position, but may vary the same without departing from the spirit of the invention.

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

1. In a device of the kind described, the combination with a holder and exhibiting-case, containing pictures to be exhibited and

provided on the under side with a pivotal body, of a base-support, consisting of an inclined part and a horizontal part joined at their meeting-ends, said pivotal body projecting through the inclined part and providing for the turning of the case end for end parallel with said inclined part, substantially as described.

2. In a device of the kind described, the combination with a holder and exhibiting-case, supported in an inclined position and having a transparent top, of companion movable shelves located in the respective ends of said case and adapted to support a packet of pictures, and means for simultaneously imparting an alternate movement in opposite directions to said shelves, whereby the pictures being exhibited are transferred from one moving shelf to the other one by one, substantially as described.

3. In a device of the kind described, the combination with a holder and exhibiting-case, supported in an inclined position, of companion endless screw-rods, having suitable bearings in the lower part of said case and extending upwardly therein and stopping short of the top, the companion engaging pinions, mounted on said rods, the movable shelves, traveling-nuts, mounted on said rods and provided with strap-extensions and rigidly fastened to the adjacent ends of said shelves, whereby the rotating of said rods will cause said shelves to have a simultaneous movement in opposite directions, substantially as described.

4. In a device of the kind described, the combination with a holder and exhibiting-case, provided with a pivotal body, of a sup-

porting-base, pivotally mounting said case in an inclined position, the screw-rods, having their lower ends journaled in said pivotal body and the upper ends stopping short of the interior top, the companion engaging pinions, mounted on the lower part of said rods, and the movable companion shelves, having a threaded engagement and supported on said rods which are adapted to be simultaneously rotated in opposite directions, whereby one of said shelves is moved upward and the other downward, substantially as described.

5. In a device of the kind described, the combination with a holder and exhibiting-case, supported in an inclined position, of companion screw-rods, the lower ends of which are provided with suitable journal-bearings and one of said rods projecting below the bottom of the case, and the upper ends stopping short of the interior top, a handle, fixed on the lower projecting end of one of said rods, the companion engaging-pinions, the shelves, having a threaded engagement with an alternate up-and-down movement on said rods, and a packet of pictures, supported on and having their ends resting against one of said rods, whereby when the same is rotated the shelf is elevated and each picture as it clears the end of the rod gravitates onto the companion shelf, substantially as described.

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

HANS BORGERSEN.

Witnesses:

L. M. FREEMAN,
L. B. COUPLAND.