

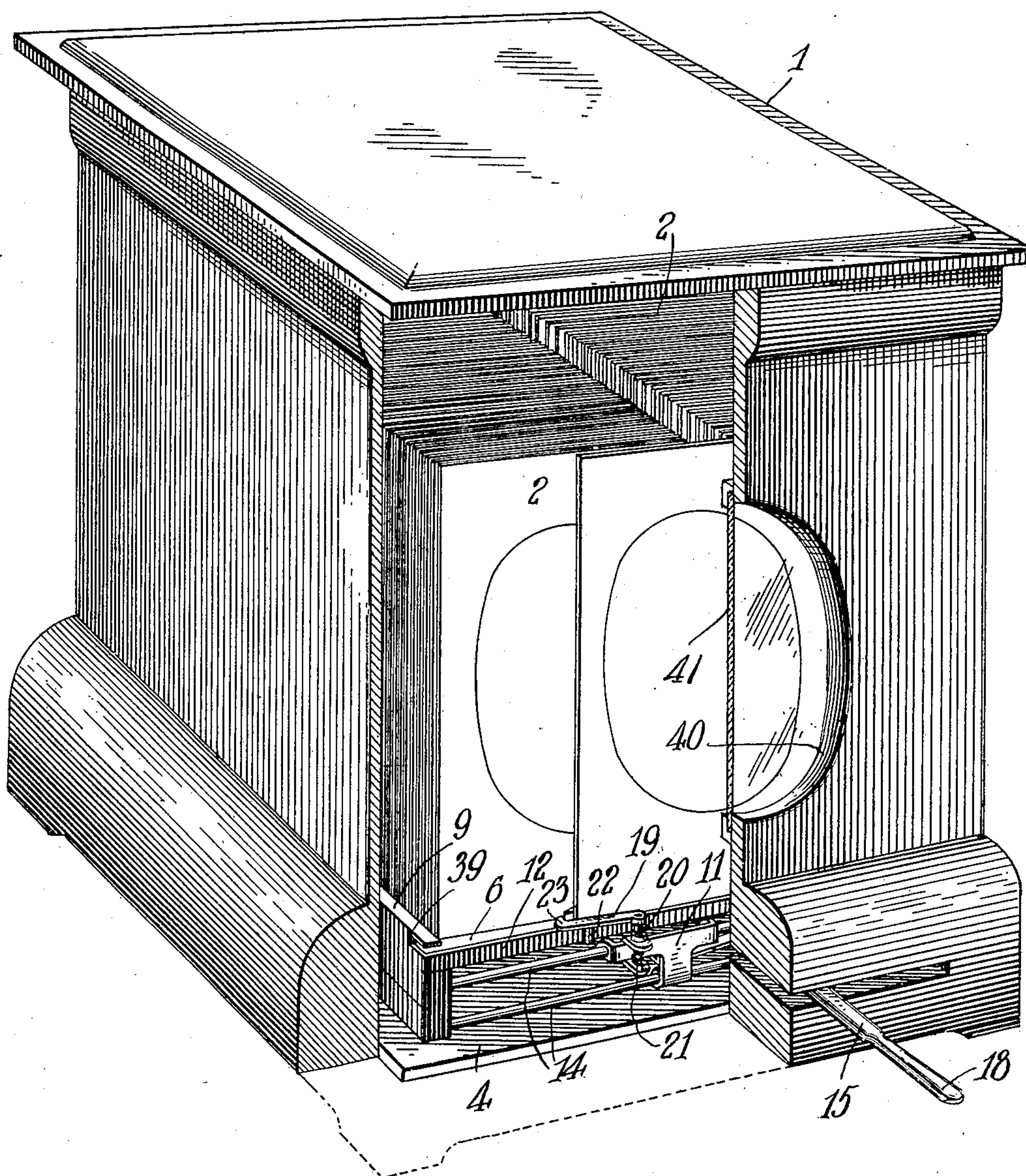
No. 890,794.

PATENTED JUNE 16, 1908.

E. W. PETERSON.
PHOTOGRAPH ALBUM.
APPLICATION FILED APR. 15, 1907.

3 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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3 SHEETS—SHEET 2.

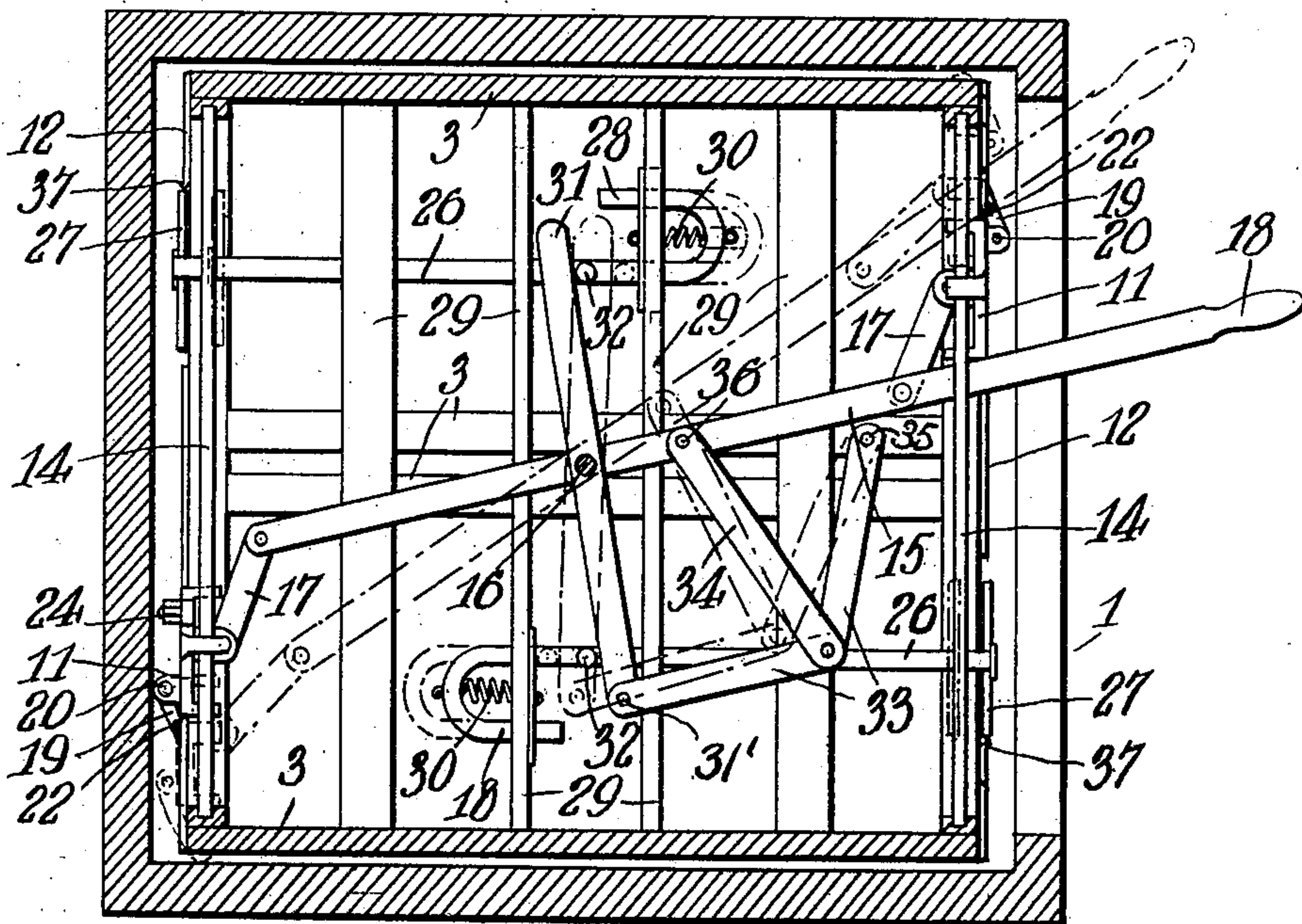
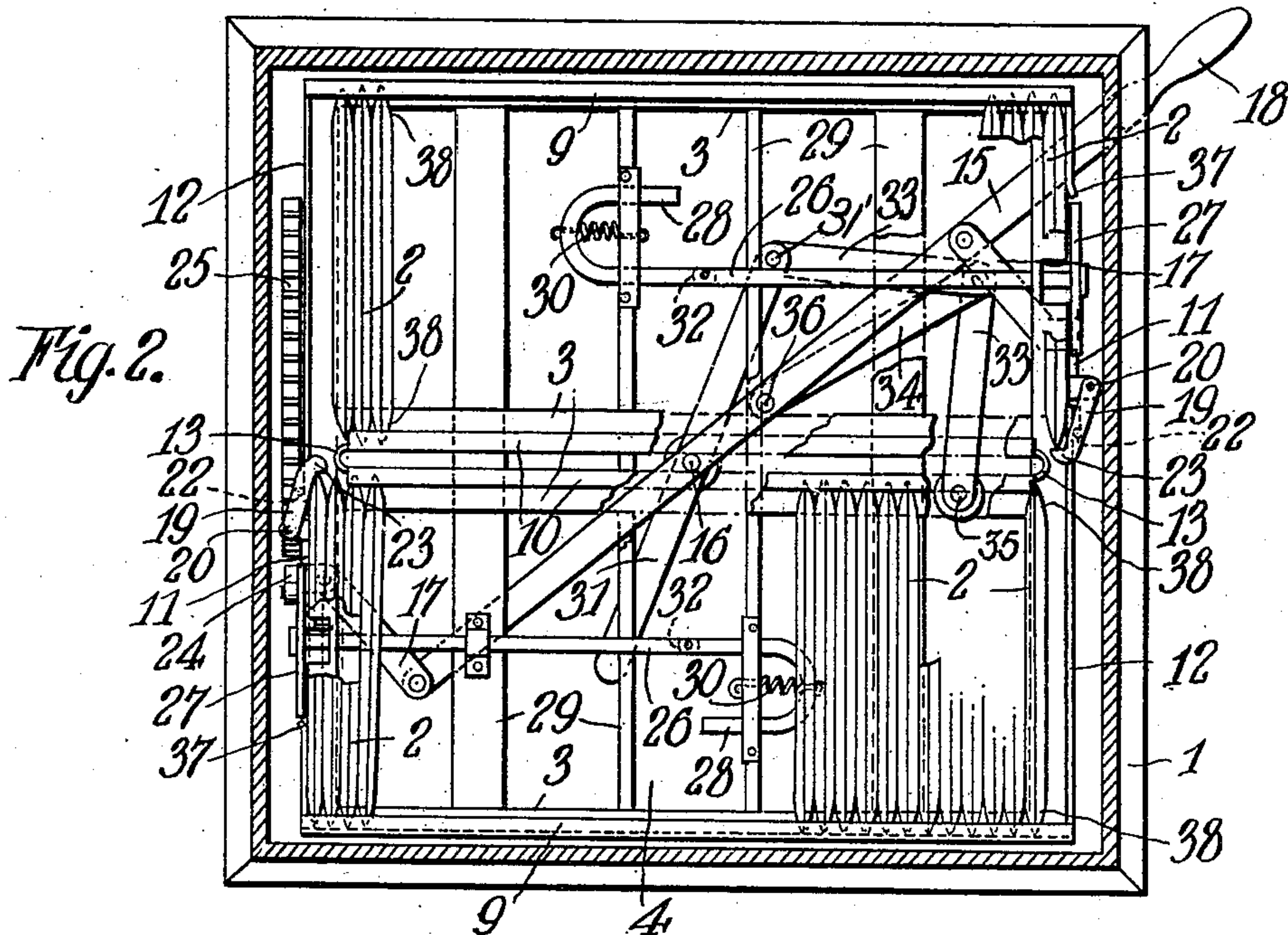


Fig. 3.

Witnesses

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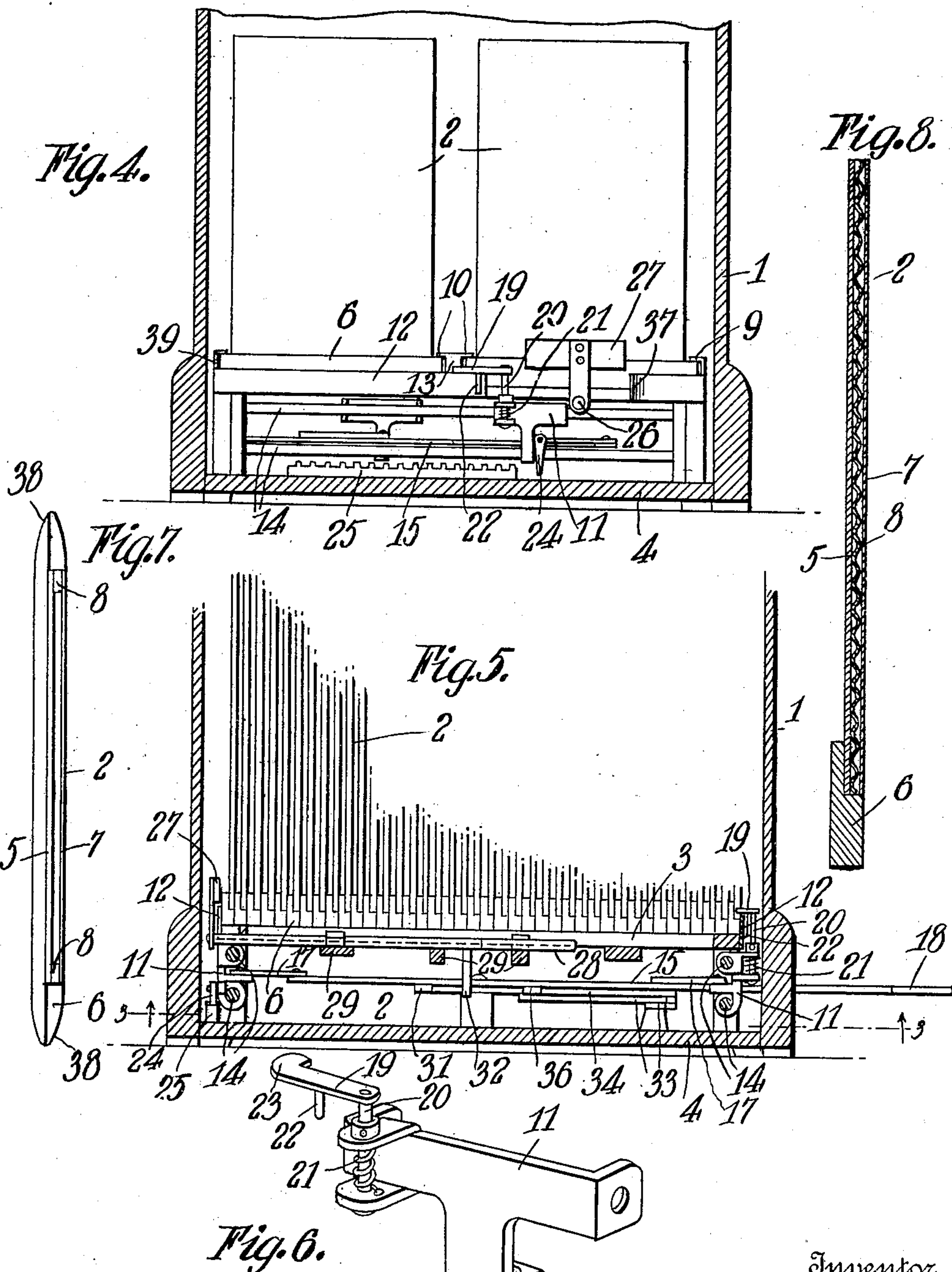
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3 SHEETS—SHEET 3.



Witnesses

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Fig. 6.

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UNITED STATES PATENT OFFICE.

ERICK W. PETERSON, OF KENOSHA, WISCONSIN.

PHOTOGRAPH-ALBUM.

No. 890,794.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed April 15, 1907. Serial No. 368,356.

To all whom it may concern:

Be it known that I, ERICK W. PETERSON, a citizen of the United States, residing at Kenosha, in the county of Kenosha and State of Wisconsin, have invented certain new and useful Improvements in Photograph-Albums; and I do 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.

This invention relates to picture exhibitors, and preferably to pictures in the form of photographs, and it therefore substantially becomes an album.

The object of the invention is to provide a device, which will be artistic and of large capacity, and which will be conveniently operated to exhibit the pictures through one or more suitable openings in the casing, within which the pictures can be suitably arranged.

With these objects in view, the invention consists of the improved construction and novel arrangement of parts of an exhibitor or album, as will be hereinafter more particularly set forth.

Referring to the accompanying drawing, Figure 1 is a broken perspective view of one form of exhibitor embodying my invention; Fig. 2 is a broken top plan view of the actuating mechanism without the casing or a majority of the picture frames; Fig. 3 is a sectional view on line 3—3 of Fig. 5, looking up; Fig. 4 is a rear view with the case broken away; Fig. 5 is a longitudinal sectional view; Fig. 6 is an enlarged perspective view of one of the travelers; Fig. 7 is a top plan view of one of the holders, and Fig. 8 is a vertical sectional view of the same.

Referring more particularly to the drawings, 1 indicates the casing or outside shell of the device, within which the pictures and the operating mechanism are inclosed. The top of the casing is preferably removable for gaining access to the interior for inserting pictures into the holders 2, or for removing or inserting the holders, as may be desired.

The holders are slidably mounted on top of a suitable support 3, arranged at such a distance above the base, 4, as to accommodate the actuating mechanism.

Each holder preferably consists of a suitable back 5, as a piece of cardboard, which is secured at its lower edge to a carrier 6, and has a front 7 secured adjacent thereto,

as by means of corrugated pieces 8 to form a pocket open at its top for the reception of the pictures. The opening in the front 7 is of a suitable size to correspond with the size of the picture that is to be placed within the pockets. These holders are arranged vertically, side by side, upon the support 3 in two series, each series extending from the front to the rear of the support and separated from each other a slight distance longitudinally of the case.

The ends of the carriers extend a slight distance to each side of the pocket and project under the top or overhanging portions of flanged side pieces 9 and 10, and are adapted to be moved from one series to the other at the ends, by means of reciprocatory travelers or conveyers 11. Retaining walls 12 are arranged at the ends of the series and the side pieces 10 terminate at a short distance therefrom and have their ends curved, as shown at 13, to permit of the passage of the holders from one series to the other, as the travelers are actuated. There are travelers located one at each end, preferably mounted upon two guide rods 14, and adapted to be actuated in unison by means of a lever 15, which is pivotally mounted at the center of the base 4, as shown at 16; and has its ends connected with said travelers by means of links 17, and one of the ends is extended to form a handle 18.

Each traveler is provided with a hook 19, which is yieldingly connected therewith, as by means of a pivot post 20 and a spring 21. The hook is provided with a stop 22, which is adapted to engage with the retaining wall 12 and limit its inward movement, and the outer end of the hook is preferably curved or made rounded, as shown at 23, to cause the hook to slide over the carrier or portion of the holder with which it engages when the traveler is being returned for engaging with another holder to transfer it from one series to the other. One of the travelers is preferably provided with locking mechanism to prevent the operation of the handle in the wrong direction until after it has been moved to its full limit for the purpose of transferring a holder from each end of each series to the corresponding end of the opposite series. I prefer to construct this locking mechanism in the form of a pawl 24, which is pivotally-connected with the rear traveler and has its free end adapted to engage with a rack 25, except at the end when the pawl is adapted

to swing into a vertical position after the traveler has been moved to the desired distance which will permit of the return movement of the traveler, but which will lock the traveler against reverse movement after it has once started until after it has been moved its entire distance.

Before a holder can be shifted from one series to the other, it is necessary that the holders of each series be moved forward a sufficient distance to permit of the entrance of the new holder which I accomplish by means of reciprocating pushers each of which preferably consists of a rod 26 which has a plate 27 secured to its outer end and has its inner end provided with means for preventing its rotation upon its axis, as by bending the inner end to a substantial U-shape, as shown at 28. The rod is supported upon suitable cross pieces 29, so as to cause the plate to engage with the carrier portion 6 of the holder and move all of said carriers forward when the rod is moved longitudinally within its bearings. A spring 30 connected with the bent end of the rod and the adjacent cross piece normally returns the shaft and plate to their original position with the plate substantially in line with the retaining wall 12 to permit of the entrance between the plate and the last holder of one series of a holder from the corresponding end of the other series.

The rods 26 are reciprocally actuated by means of a lever 31, which is pivotally-mounted at 16 with its ends adapted to engage with projections 32, which extend down into the path of said lever 31. The lever 31 is actuated from the lever 15 by means of levers 33 and a link 34. One end of one of the levers 33 is pivotally secured to the base, as at 35, and the corresponding end of the other lever is pivotally secured to the end 31' of the lever 31, and the link 34 is pivotally connected at one end with the connected ends of said levers, and at the other end it is pivotally connected with the lever 15 at a point, as 36, adjacent to the pivotal point 16. The lever 31 is so connected with the lever 15 that it is adapted to engage with said projections 32 only when the lever 15 has nearly reached its limit in the direction which carries the travelers outward into position for engaging with the new holder, thereby causing the reciprocation of the pushers just prior to the transfer of the holder from one side to the other.

Each retaining wall 12 is cut away at the point where the pushers are located and the outer end of each cut-away portion is preferably slightly curved outward, as shown at 37, to prevent the engagement of the carrier 6 therewith, when it is being shifted, and the ends of the carrier are preferably pointed or made slightly curved or rounded, as shown at 38. One end of each of the outer side pieces 9 is preferably cut away, as shown at 39, to

permit of the passage of the end of the hook 19 when it is being moved outward for the purpose of engaging with the holder.

When using an album or exhibitor, as above described, the support 3 is filled with holders from end to end, except space enough in each series for one or more holder, and the pictures are inserted in the pockets of the holders in position for observation. In the drawings I have shown the case as being provided with a single opening 40, which is preferably provided with a glass 41, and located substantially midway between the two series of holders, whereby only one picture can be seen at a time, and the glass may magnify the pictures if desired and be fastened in position in any suitable manner.

In operating the exhibitor, the lever 15 is drawn back as far as it will go, by means of the handle 18, which will cause the hook 19 of each traveler to engage with a holder, so that when the lever is moved in the opposite direction by said handle, two of the holders will be simultaneously shifted from one side or series to the other. When the case has but a single opening, as in the present instance, as soon as the holder is brought into position to expose the picture through said opening, the handle is stopped, and left standing until it is desired to view another picture. When that is the case, the handle is moved forward to the limit of its stroke, which will complete the transfer of said holders from one series to the other. The handle is then moved as far as it will go in the opposite direction, which will cause the pushers to move each series forward a space equal to the width of one of the holders and also carry the rear holders into position for being engaged by the hooks upon the travelers. When the handle is returned to its mid position it will carry the holders into position midway between the series and place the forward one in position for exhibiting its picture.

Although I have shown and described the form of exhibitor which I prefer to use, it is evident that such changes in the form and construction of the parts of the same as come within the scope of the appended claims can be made without departing from the spirit of the invention.

Having described my invention, I claim,—

1. In a picture exhibitor, a case provided with an opening, a support therein, flanged side pieces and retaining walls upon said support each side piece being cut away at one end, holders on said support arranged in two parallel series, each holder having its bottom extended to fit under the flanges of said side plates travelers reciprocally mounted at the ends of said series, a hook pivotally mounted on each traveler, a stop on the hook for engaging with the retaining wall and the end of the hook being rounded and adapted to be passed through said cut-away portion of the

side pieces, and a lever pivotally-mounted in the case and connected at its ends with said travelers and having one end extended to form a handle, and a pusher for each series.

5 2. In a picture exhibitor, a case provided with a base and an opening, a support on the base, inner and outer flanged side pieces and retaining walls on the support, the ends of the inner side pieces terminating at a distance from the retaining walls, holders on said support arranged in parallel series, each holder having its bottom extended to fit under the flanges of said side plates rods at the ends of the support, travelers mounted thereon, each traveler being provided with a hook, a lever pivotally mounted in the case, links for connecting the ends of the levers to said travelers, and a pusher for each series adapted to be actuated by said lever.

10 3. In a picture exhibitor, a case provided with an opening, a support therein, holders on the supports arranged in parallel series, a traveler at each end of said series, a lever for actuating said carriers in unison, and a pusher for each series comprising a reciprocating rod, and a plate secured to the outer end thereof, and a link and toggles for actuating said pushers by means of said lever.

15 4. In a picture exhibitor, a case provided with an opening and a support, holders on the support, arranged in parallel series, a traveler for each end of said series, a lever pivotally-mounted in the case and connected

at its ends to said travelers, a pusher for each series comprising a reciprocating rod having a plate at one end and having its other end bent into a substantial U-shape, cross pieces for supporting said rod, a spring from the bent end of each rod to the adjacent cross piece, a projection upon each rod, a lever adapted to engage with said projection, and means connected with the first-mentioned lever for actuating the other lever just prior to the termination of its movement in one direction.

45 5. In a picture exhibitor, a case provided with an opening and a support, holders on the support arranged in parallel series, travelers at the ends of said series, provided with means for engaging said holders, a lever pivotally mounted in the case and connected at its ends with said travelers, a pusher for each series, a lever for actuating said pushers, toggles connected at one end with said last-mentioned lever and with the bottom of the case, and a link pivotally connected with the connected ends of said toggles at one end and with the first-mentioned lever adjacent to its pivotal point at the other end.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ERICK W. PETERSON.

Witnesses:

CALVIN STEWART,
ARTHUR L. JOHNSON.