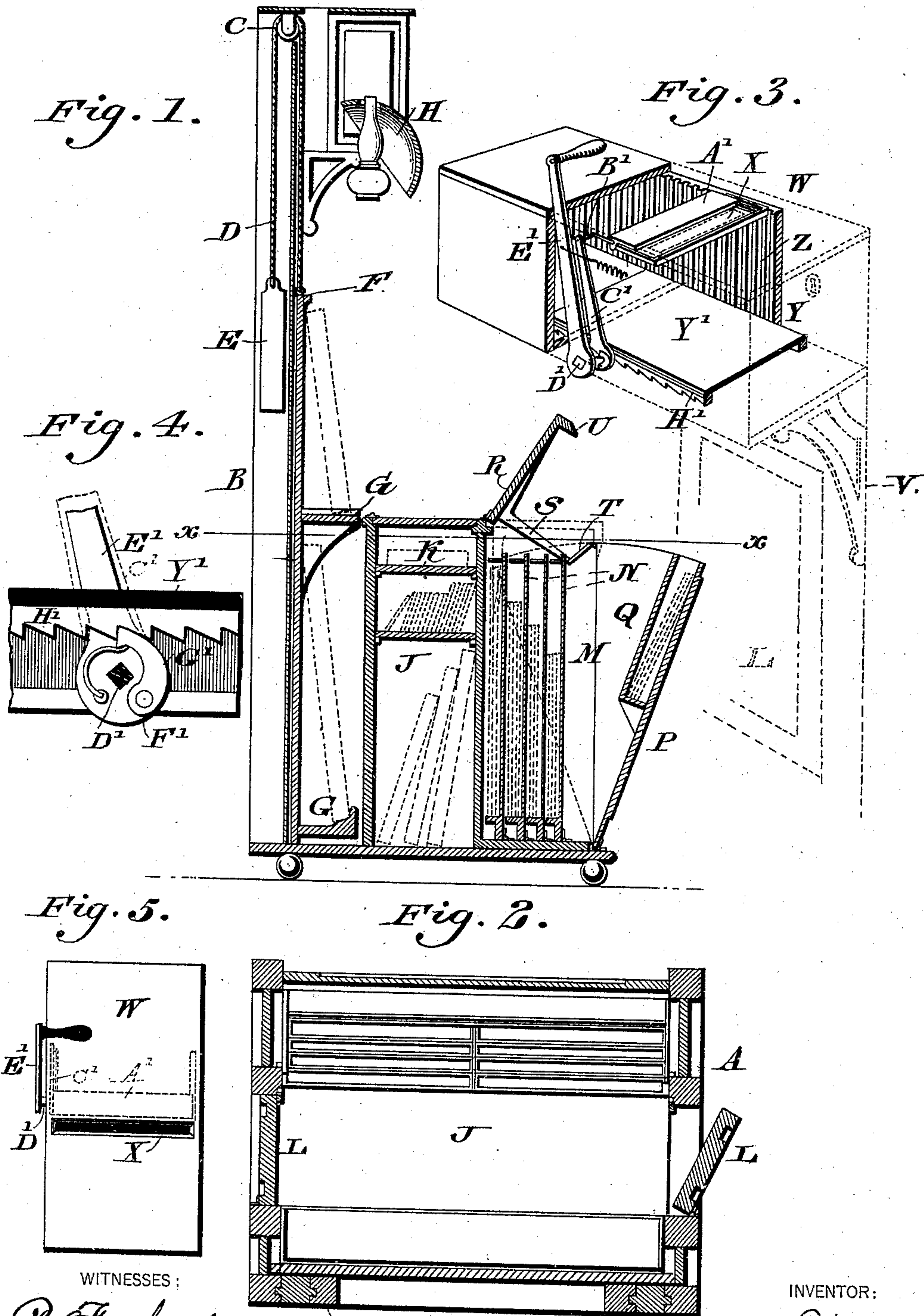


(No Model.)

G. H. RICHARDS.  
CABINET FOR PHOTOGRAPHIC PLATE HOLDERS, NEGATIVES, AND STOCK.  
No. 445,861.

Patented Feb. 3, 1891.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

GEORGE H. RICHARDS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF  
ONE-HALF TO WILLIAM NUNEVILLER, OF SAME PLACE.

CABINET FOR PHOTOGRAPHIC-PLATE HOLDERS, NEGATIVES, AND STOCK.

SPECIFICATION forming part of Letters Patent No. 445,861, dated February 3, 1891.

Application filed January 11, 1890. Serial No. 336,664. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE H. RICHARDS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Cabinets for Photographic-Plate Holders, Stock, &c., which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a cabinet for photographic-plate holders, negatives, stock, &c., the same embodying means for locating the articles within the cabinet and permitting the withdrawal of the same, a novel portfolio, a negative-holder, and other novel features, as will be hereinafter fully set forth.

Figure 1 represents a vertical section of a cabinet embodying my invention. Fig. 2 represents a horizontal section on line  $x x$ , Fig. 1. Fig. 3 represents a perspective view, partly in vertical section, of a detached portion. Fig. 4 represents a section, on an enlarged scale, of a portion of the parts shown in Fig. 3. Fig. 5 represents a top view of the parts shown in Fig. 3.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates the cabinet or body thereof, the same having at what may be termed the "rear" thereof up-  
rights B, at the top whereof are pulleys C, around which pass the cords or ropes D, which carry weights E, and are attached to a supporting-plate F of the shelves G, the latter being so disposed that they enter the cabinet A, the upper shelf serving to close the top of the space which said shelves occupy in the cabinet. It will be seen that a photographic-plate holder, &c., may be supported on the lower shelf and thus retained unexposed within the cabinet. When, however, it is desired to handle the plate-holder, the shelves are raised, this operation being assisted by the weights E, whereby the plate is accessible and may be removed, after which it may be placed on the upper shelf, if so desired, where it may be examined, &c., as required. A lamp H is secured to the uprights B in such manner as to illuminate the top of the cabinet or the plate-holder resting on the upper shelf.

Within the cabinet is a casing J, provided with shelves K, forming a closet, access to which is had at the sides thereof where doors L are provided, said closet being adapted to contain photographic plates, negatives, stock, &c.

M designates a portfolio, having within the same a number of hinged leaves N, the outer leaf P of the portfolio being hinged to the bottom of the cabinet, so that it may be moved outwardly or opened and access had to the interior of the portfolio, said leaves N being also movable. The sides Q of the outer leaf P overlap the sides of the leaves, so as to be folded within the cabinet or portfolio portion when said leaf is in closed position.

R designates a cover or lid of the portfolio, the same being hinged to the cabinet A, and having at its under side the arms S, which by means of links T are connected with the sides Q of the outer leaf P.

It will be seen that when the portfolio is in closed position the lid R covers the top of the same, the outer end of the lid having a nose or flange U, which engages with the leaf P, thus holding the latter in its closed position. By raising the lid the arms S and links T throw out the leaf P, thus opening the portfolio, as shown in Fig. 1. Again, by lowering the lid said arms and links draw in said leaf and return it to its normal position, thus closing the portfolio, the nose or flange U engaging with the leaf and preventing opening of the same.

Connected with the side of the cabinet by means of brackets V and located above the door L is a box or casing W, having a slot or throat X in its top for the insertion of photographic plates or negatives which are to be supported in the rack Y within said casing W, said rack consisting of a floor Y' with grooved sides Z. Secured to said carriage is a rack, the grooves whereof receive the edges of the plates. Supported on the top of the casing W is a sliding lid A' for closing the slot X, said lid being connected by a link B' with an arm C', the lower end of which is fitted to a shaft D', mounted on the side of the casing W, said shaft also carrying a lever E', which is provided with a suitable handle for operating purposes.



F' designates a head fitted on the shaft D' and formed with or secured to either the arm C' or the lever E', said head carrying a dog G', which engages with a ratchet-bar H' on the rack Y, it being seen that as the lever E' is thrown in one direction the lid A' is moved, so as to uncover the slot X, the dog G' also engaging with the ratchet H' and advancing the rack Y a distance of one tooth. The plate or negative may now be inserted through the slot X and thus stored within the rack. The lever E' is then returned to its normal position, the lid A' covering the slot X, thus preserving the dark condition of the interior of the casing W. At or about the same time the dog G' rides freely over the ratchet H', so that when the lever is again operated the rack is moved, and the previously-introduced plate or negative is advanced from under the slot X, so that the next plate or negative may be introduced into the rack, after which the lid is returned, covering the slot, and thus the casing may be supplied with plates until full or contain as many as may be desired.

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

1. A photographic cabinet consisting of a cabinet proper at a distance from a rear wall, a vertically-movable shelf supported between said cabinet and wall and adapted to close the opening at the top thereof, and a weighted cord connected with the support of said shelf, substantially as described.

2. A photographic cabinet having a closet with shelves therein, with doors at opposite sides thereof, and a portfolio in connection with said closet, substantially as described.

3. A photographic cabinet having a closet with shelves therein, doors at opposite sides thereof, and a portfolio in connection with said closet having movable leaves and front and top movable covers, substantially as described.

4. A photographic cabinet having a portfolio connected therewith, and a cover which is attached to the outer leaf, whereby the portfolio may be opened and closed by the operation of the cover, substantially as described.

5. A photographic cabinet having a casing in which is mounted a movable bottom and side attached to a rack, and a device for operating said rack, substantially as described.

6. In a photographic cabinet, an inclosing case, a movable bottom and side in said case, the said side being grooved, a rack attached to the said bottom, and a device for operating said rack, substantially as described.

7. In a photographic cabinet, an inclosing case having a top opening therein, and internal movable frame carrying a lid, which is shifted to open and close said openings simultaneously with the adjustment of the said internal frame, substantially as described.

8. A casing having an opening in its top, a lid therefor, and an interior movable rack, in combination with a lever connected with said lid and rack, whereby they may be operated to uncover said opening and advance said rack, substantially as described.

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Witnesses:

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