

(No Model.)

V. M. WILCOX.
PHOTOGRAPHIC PLATE BOX.

No. 330,182.

Patented Nov. 10, 1885.

Fig. 2.

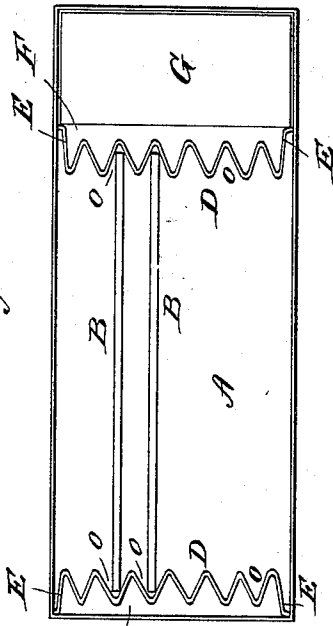


Fig. 4.

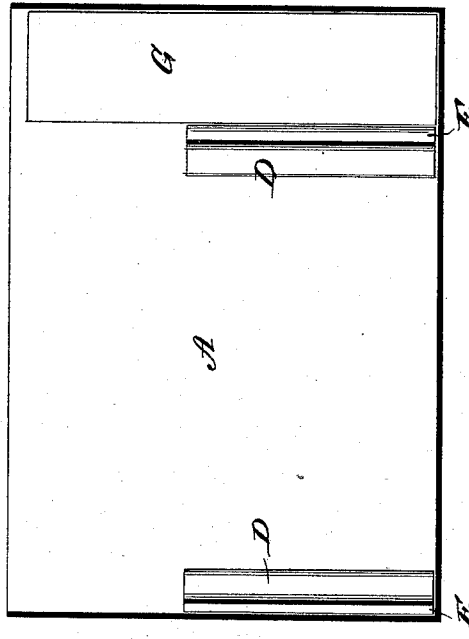


Fig. 1.

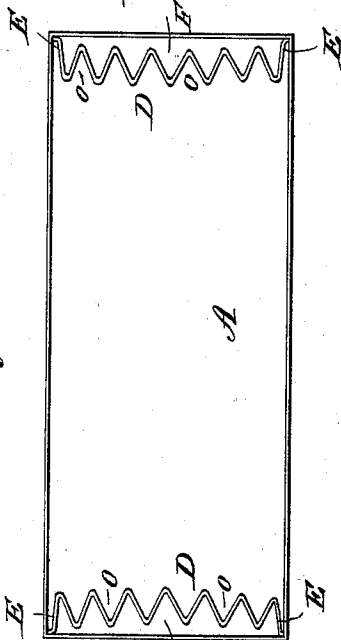
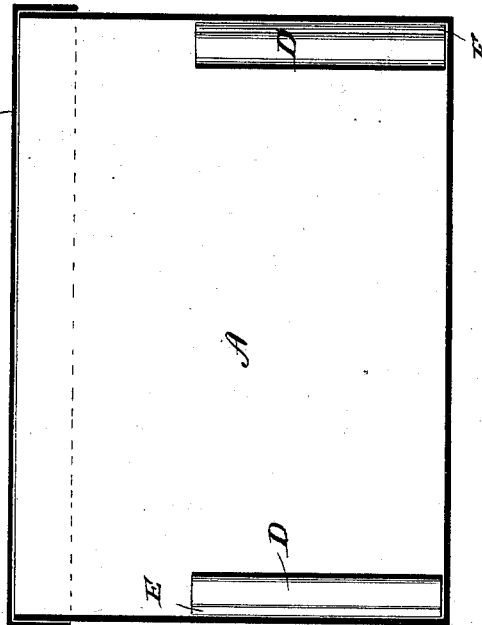


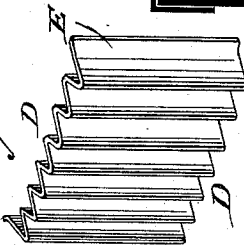
Fig. 3.



WITNESSES:

Donn Twitchell.
C. Sedgwick

Fig. 5.



INVENTOR:

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BY

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UNITED STATES PATENT OFFICE.

VINCENT M. WILCOX, OF NEW YORK, N. Y., ASSIGNOR TO E. & H. T. ANTHONY
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PHOTOGRAPHIC-PLATE BOX.

SPECIFICATION forming part of Letters Patent No. 330,182, dated November 10, 1885.

Application filed May 27, 1885. Serial No. 166,859. (No model.)

To all whom it may concern:

Be it known that I, VINCENT M. WILCOX, of the city, county, and State of New York, have invented certain new and useful Improvements in Photographic-Plate Boxes, of which the following is a full, clear, and exact description.

This invention relates to a box or case for receiving and holding photographic plates, provided with adjustable and removable corrugated or notched spring-partitions to receive the ends or edges of the plates to hold them edgewise and separately therein; and, further, consists in adjusting the corrugated or notched spring-partitions, one or both of them, so as to receive and hold photographic plates of different sizes between them, as hereinafter described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a plan or top view of a photographic-plate box or case with its cover removed and provided with my corrugated or notched spring-partitions; Fig. 2, a plan or top view of the box or case, its cover removed, showing one of the corrugated or notched spring-partitions moved forward, so as to receive and hold smaller plates than in Fig. 1; Fig. 3, a vertical longitudinal central section of Fig. 1; Fig. 4, a vertical longitudinal central section through Fig. 2, showing the wedge or block between the inner end of the box and the spring-partition; Fig. 5, a perspective view of a corrugated or notched spring plate-holder removed from the box.

A in the accompanying drawings represents a box or case of the required dimensions and of any suitable material to receive the photographic plates B edgewise therein, and provided with a lid or cover, C.

D are corrugated or notched spring-partitions placed in Fig. 1 at the extreme opposite ends of the box A, and in order to render them yielding or to have the required spring to receive and hold the edges of the plates snugly between them the outer side, E, of the first corrugation on either end is somewhat

wider than the others and flaring outward, so that when placed in the box A the edges E rest against the inner ends of the box, and thereby leave spaces F between the ends of the box and the spring-partition, as shown in Figs. 1 and 2. By flaring the outer sides, E, of the last corrugation on either side, as represented in perspective view, Fig. 5, the spring-partitions hold themselves snugly within the box A, and when the plates B are removed therefrom spring into an arch inwardly, as in Figs. 1 and 2, which, as the plates B are again inserted within the notches or corrugations O, adapt themselves thereto and clamp or hold them firmly by their edges in place, as represented.

Making the spring-partitions D slightly longer than the diameter of the interior of the box A would be the same as to flare the sides E outward, as in Fig. 5.

In order to adapt the spring-partitions D to receive and hold plates of different sizes they are independent and adjustable back and forth in the box A, as shown in Figs. 2 and 4.

In Figs. 3 and 4 one of the corrugated spring-partitions D is moved forward, and a block or wedge, G, placed behind it, so as to fill the space between it and the inner end of the box A. By this arrangement the corrugated partition is held in place the same as if the wide sides E rested against the end of the box, and are prepared to receive and hold smaller plates than those in Fig. 1. These corrugated or notched partitions may be of metal or any other suitable material in order to obtain the required elasticity or spring to adapt themselves to and hold the plates firmly by their edges between them; and in order to conveniently grasp the plates to remove them from the box A these spring-partitions are somewhat narrower than the height of the box, leaving sufficient of the sides or edges of the plates above them, as shown in Figs. 3 and 4. If desired, these corrugated or notched spring-partitions D may be fitted to the bottom and cover of the box A to receive and hold the plates B perpendicularly and separately therein, the same as if arranged to hold them at their ends, as shown in Fig. 2.

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

5 1. In photographic-plate boxes, the adjustable and removable corrugated or notched spring-partitions, and adjustable and removable block or wedge G, substantially as described.

10 2. In photographic-plate boxes, the adjustable and removable corrugated spring-partitions having extended or widened sides E, as and for the purpose described.

3. In photographic-plate boxes, the adjustable and removable corrugated or notched spring-partitions normally longer than the interior dimensions of the box A, so as to adjust and retain themselves in position therein, as described.

VINCENT M. WILCOX.

Witnesses:

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J. T. FRYER.