(No Model.)

E. LEAR.

PACKING BOX FOR PHOTOGRAPHIC DRY PLATES.

No. 423,059. Patented Mar. 11, 1890.

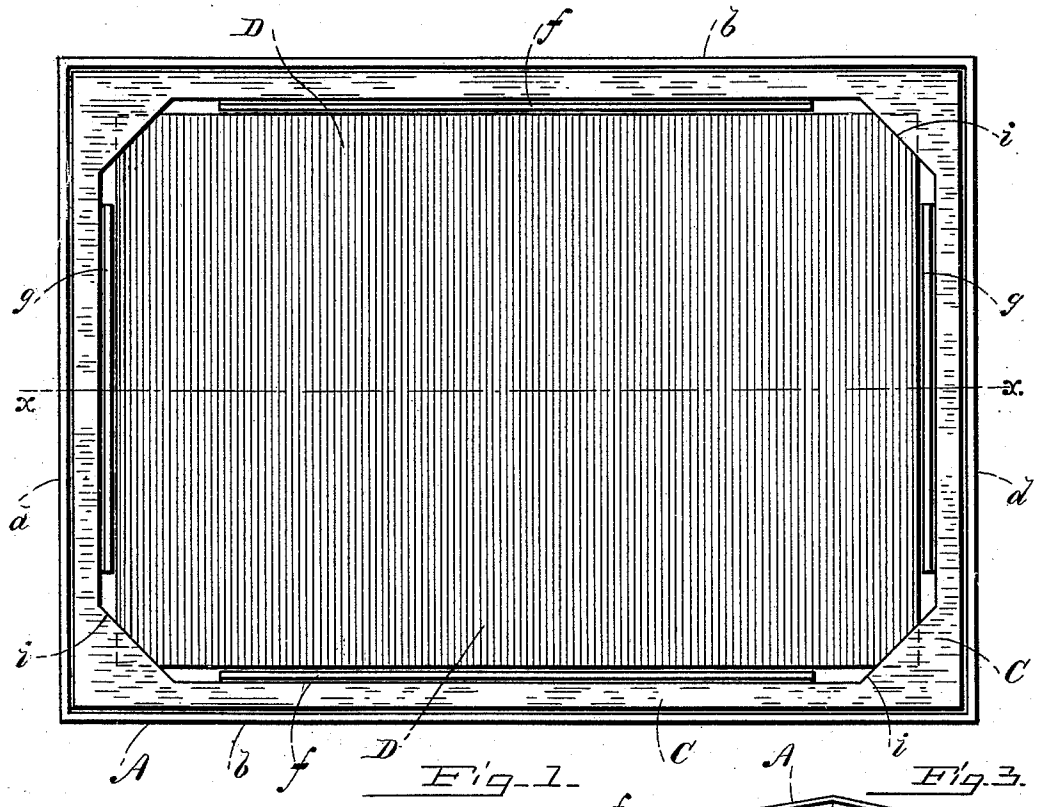
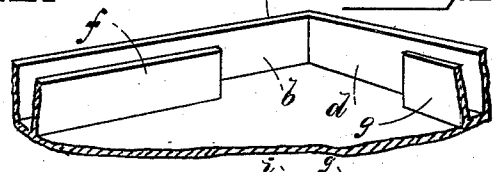


Fig. 1.

Fig. 3.



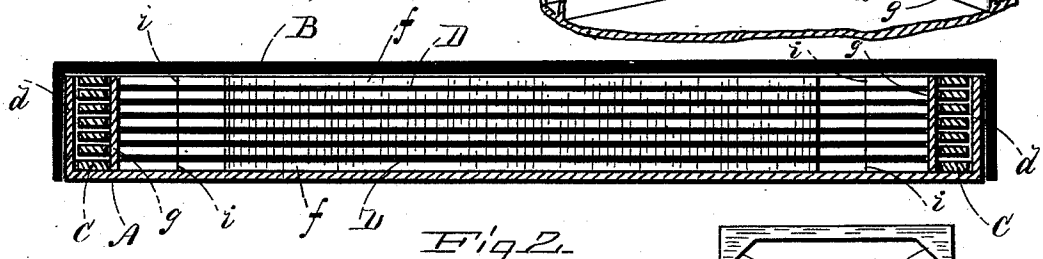


Fig. 2.

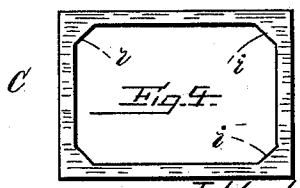


Fig. 4.

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UNITED STATES PATENT OFFICE.

EDWARD LEAR, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO OTTO HAUSSLER, OF BOSTON, MASSACHUSETTS.

PACKING-BOX FOR PHOTOGRAPHIC DRY-PLATES.

SPECIFICATION forming part of Letters Patent No. 423,059, dated March 11, 1890.

Application filed December 2, 1889. Serial No. 332,246. (No model.)

To all whom it may concern:

Be it known that I, EDWARD LEAR, of Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Packing-Boxes for Photographic Dry-Plates, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of my improved box, showing the plates in position, the cover being removed. Fig. 2 shows a vertical section taken on line *x x* in Fig. 1. Fig. 3 is a sectional perspective of an inner corner of the box to show the guards, and Fig. 4 is a reduced plan view of one of the separators.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

In shipping photographic dry or bromo-gelatine plates they are usually packed in a rectangular box constructed of paper-board or similar material. A rectangular frame or separator of like material is interposed between succeeding plates, all the edges of which come into contact with said separators. The chemicals with which the plates are prepared act upon the material of the separators, and the faces of said plates for some distance from each edge are thereby rendered useless.

My invention is designed especially to overcome these objections, and in carrying it out I make use of means which will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the body of the box, which is rectangular in form and is provided with a cover B. Within the box at equal distances from its sides *b* and ends *d*, and parallel therewith, vertical partitions *f g* are secured, said partitions being shorter than the adjacent box-sides.

The separator C consists of a rectangular frame adapted to be inserted in the box between its walls and the partitions *f g*. Each inner corner of the separator is extended inwardly at *i*, the inner line of said projecting portion forming equal obtuse angles with the edges of the sides and ends of said separator.

In use a separator C is disposed on the box-bottom and a dry-plate D placed in the box between the partitions *f g*, which are disposed at such distances from each other that the plates will fit closely between them, preventing lateral movement thereof. The corners of the plate project between the adjacent ends of a side partition *f* and an end partition *g*, and their extreme corners or points rest upon the extended portions *i* of the separator, as shown in Fig. 1. Another separator is disposed on top of the plate, and the box is thus filled with plates separated from each other by the frames C. By this method of packing only the extreme corners of the plates come into contact with the separators, and practically the whole of their sensitive surfaces are thus preserved.

Having thus explained my invention, what I claim is—

1. A box for packing photographic dry-plates, comprising a body, vertical guards or partitions therein, and detachable frames or separators adapted to be disposed between the body-walls and the partitions, the corners of said separators being extended inwardly to receive the extreme corners of the plates, substantially as described.

2. In a device of the character described, a rectangular box, shortened vertical partitions therein parallel with the walls of said box, and a rectangular separator adapted to be disposed between said walls and partitions, said separator having its corner portions extended inwardly at an angle to its sides, substantially as and for the purpose set forth.

3. The combination of the box A, provided with the partitions *f g*, with the detachable separators C, having the extended corner portions *i*, substantially as described.

EDWARD LEAR.

Witnesses:
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