

(No Model.)

P. H. WHEELER.

MACHINE FOR PACKING DRY PLATES FOR PHOTOGRAPHERS.

No. 282,939.

Patented Aug. 7, 1883.

Fig. 1.

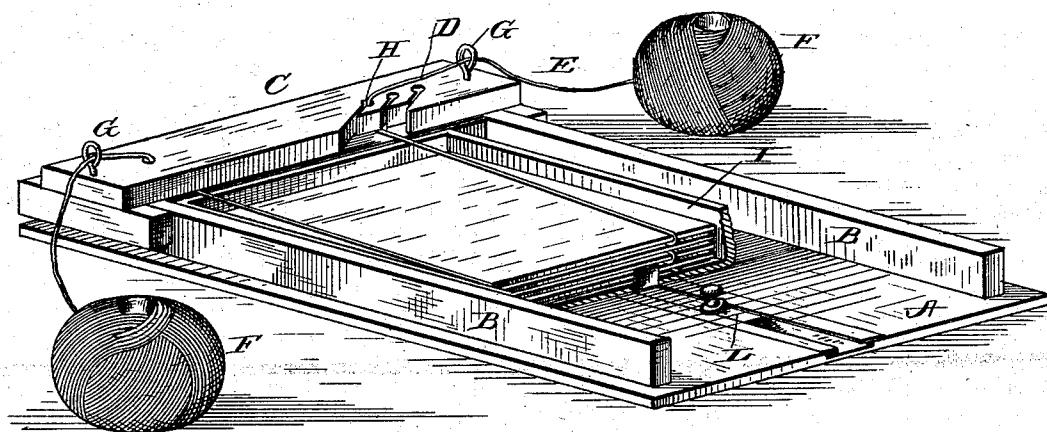
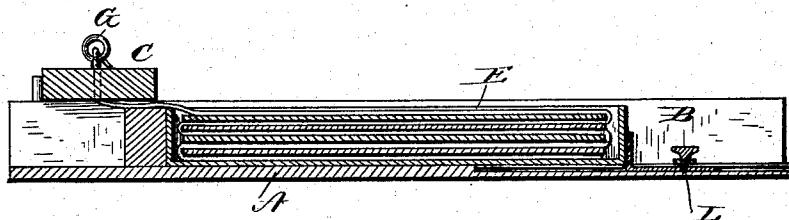


Fig. 2.



WITNESSES

F. L. Ormand.
Jas. A. Harvey

P. H. Wheeler, INVENTOR

H. F. Evans, Attorney

UNITED STATES PATENT OFFICE.

PARIS H. WHEELER, OF WASHINGTON, DISTRICT OF COLUMBIA.

MACHINE FOR PACKING DRY-PLATES FOR PHOTOGRAPHERS.

SPECIFICATION forming part of Letters Patent No. 282,989, dated August 7, 1883.

Application filed July 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, PARIS H. WHEELER, a citizen of the United States, residing at Washington, in the District of Columbia, have 5 invented certain new and useful Improvements in Dry-Plate-Packing Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has for its object to provide certain means for packing sensitized photographic dry-plates in such manner that the sensitized surfaces of the same will not be impaired or injured, and at the same time they may be compactly and conveniently arranged for use as required. The above-mentioned object I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view, showing the device by means of which I accomplish this object; and Fig. 2, a longitudinal sectional view thereof.

The letter A indicates a base-board, which has secured to it, near its opposite edges, the parallel guides B, as indicated. Over these 25 guides is arranged to slide a transverse strip, C, of wood, metal, or other suitable material, the said strip being provided with confining blocks at each end, which embrace the guides, as shown. The said strip is intended to carry 30 a set of cords, E, of twine or other similar material, which pass from the balls F through the eyes or loops G and through apertures H, their ends being secured to the upper part of the base-board.

The letter I indicates the box, into which the plates are to be packed, which is of a size 35 to carry said plates conveniently. This box sets upon the base-board between the guides, its lower end resting upon an adjustable slide-40 clamp, L, as indicated.

The sliding bar is provided with means for adjusting the position of the cords to adapt the apparatus to different-sized plates. In the present instance, this is accomplished by 45 means of a series of oblique slots, D, having eyes H at their terminations, through which the cord at one side may be passed. The plate-box is set upon the base-board between the guides, being held securely by means of the 50 adjustable clamp L.

The plates, after being properly sensitized, are placed in the plate-box as follows: The movable bar is shifted first to the lower edge

of the base-board, leaving two parallel lines of cords stretched over the bottom of the same. 55 A plate is then laid on these cords, and the movable bar is returned to the upper edge of the base-board, carrying the cords over the plate near the edges of the same. Another plate is then placed upon the cord so arranged, 60 and the movable bar is again carried to the lower edge of the base-board, arranging the cords for the next successive plate, and this operation is continued until the box is properly filled, after which it may be covered and 65 removed. It is to be understood that these operations are to be conducted in a dark room, or in the absence of actinic light, and the boxes are to be closed against such light before being put up for use. 70

In the present instance, as before mentioned, I have shown the sliding bar provided with oblique grooves and eyes for the purpose of adjusting the cord; but it is evident that other means of adjustment may be employed—such as, for instance, as a sliding guide secured to the movable strip—without departing from the spirit of my invention; and hence I do not intend to limit myself to the details shown. 75

Having thus described my invention, what I 80 claim, and desire to secure by Letters Patent, is—

1. The method of preparing photographic dry-plates, the same consisting in interposing between the same a series of cords, strings, or 85 other pliable material in a continuous length, whereby the plates are kept separate, so as to prevent injury to the sensitized surfaces, substantially as specified.

2. The combination, in a device for packing 90 dry-plates, of a base-board having guides at each side, with a continuous strip of flexible material interposed between said plates by means of a carrier, as set forth.

3. In a machine for packing dry-plates, the 95 combination, with the movable bar C, of the laterally-adjustable carriers adapted to arrange the packing for different-sized plates, as set forth.

In testimony whereof I affix my signature in 100 presence of two witnesses.

P. H. WHEELER.

Witnesses:

E. H. BRADFORD,
H. J. ENNIS.