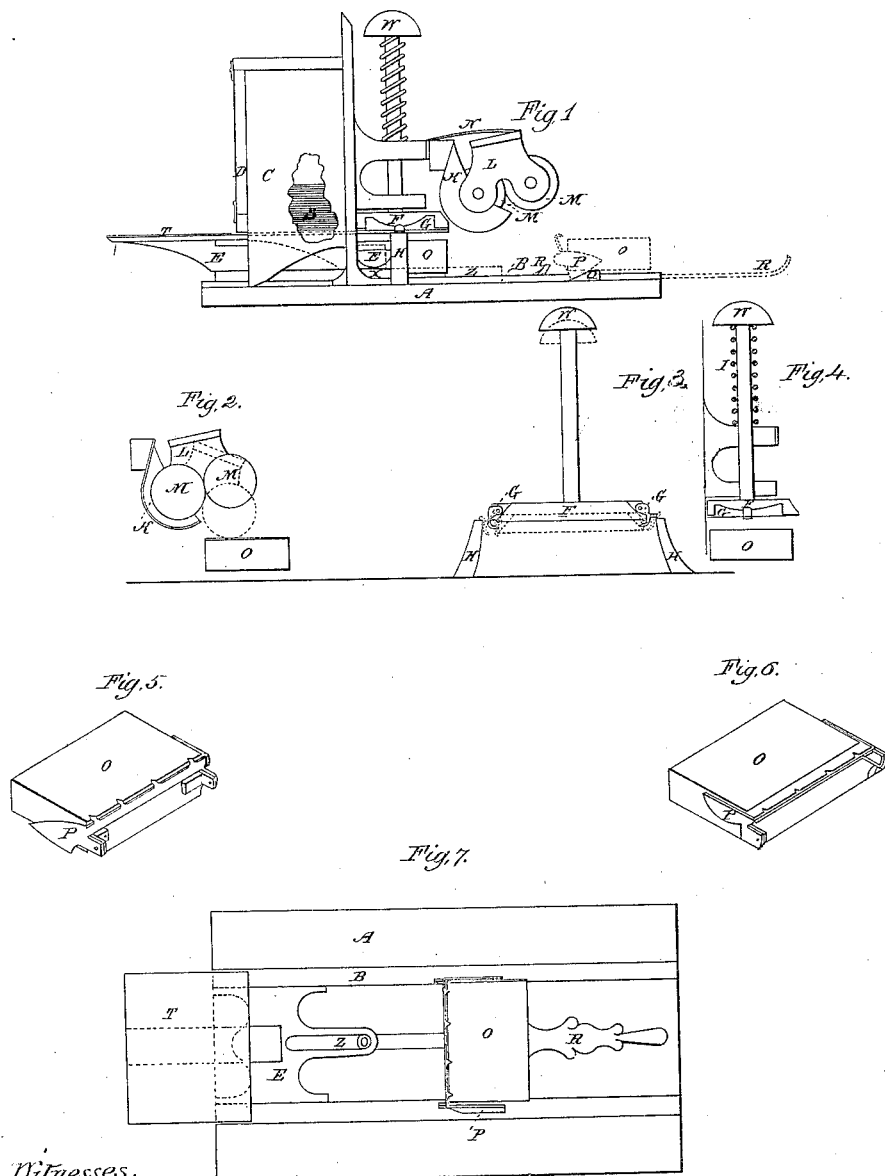


C. L. LUCAS.
 APPARATUS FOR PASTING PHOTOGRAPHS ON CARDS.
 No. 45,253. Patented Nov. 29, 1864.



Witnesses.
 John W. Kelly
 J. H. Taylor.

Inventor.
 C. L. Lucas.

UNITED STATES PATENT OFFICE.

CHARLES S. LUCAS, OF POUGHKEEPSIE, NEW YORK.

APPARATUS FOR PASTING PHOTOGRAPHS ON CARDS.

Specification forming part of Letters Patent No. **45,253**, dated November 29, 1864.

To all whom it may concern:

Be it known that I, CHARLES S. LUCAS, of the city of Poughkeepsie, in the county of Dutchess and State of New York, have invented certain Improvements in Apparatus for Pasting Photographs on Cards, the construction and operation of which I have described in the following specification and illustrated in its accompanying drawings, with sufficient clearness to enable competent and skillful workmen, in the art to which it pertains or is most nearly allied, to make and use my invention.

The nature of my invention consists in the application of paste by means of a paste-box and rolls to the back of a photograph picture, while the same is secured on a movable bed prepared for its reception in such a manner that when sufficient paste is left thereon, the bed may be moved under a platen, the under side of which is kept constantly supplied with a card from a card-receiver or box by means of a slide attached to the movable bed on which the photograph is placed. Upon pressing down on the handle of the platen a card is forced down on the pasted picture and made to adhere by the pressure, when the card is removed by withdrawing the movable bed to its former position.

In the accompanying drawings, Figure I is a side view of the apparatus. Fig. II is a cross-section of paste-box and rollers. Fig. III is a transverse view of platen. Fig. IV is a side view of same. Figs. V and VI is a perspective view of bed; Fig. VII, plan view of the main bed of apparatus.

A is the main bed; B, the slides to guide the bed, &c.; C, the card-receiver; D, a door for the insertion of the cards; E, slide for shoving the cards under the platen F; G, dogs for holding the cards on the under side of platen while up; H, stop-piece for releasing the dogs G from the card when the platen F is pushed down; I, spring for keeping platen up; K, paste-box; L, frame for holding rolls M; N, spring for keeping frame L up when not in use; O, movable bed for holding photographs; P, fingers for holding photograph on bed and operated by means of stop-pieces Q and X. R is the handle for operating the bed O.

In order to use my apparatus, fill the paste-

cup with paste. The card-receiver is then filled or may be filled before with the cards S. (Shown in broken hole in side of card-receiver in Fig. I.) The handle R is then pulled out to the front end of the frame. By the handle R, and by that operation, the plate T on the slide E forces the bottom card in the receiver out under the platen F, where it is held by the dogs G. The photograph is now placed with its face undermost on the movable bed O. The handle R is then pushed back, which removes the end of the fingers P from the stop-block Q, and holds the photograph firmly, while the bed O is brought under the paste roll M. When the frame L is pressed down, bring the roll M in connection with the photograph, when a backward and forward motion of the bed O, given by means of the handle R, gives motion to this roll M, and distributes the paste over the surface of the photograph. As soon as the picture is pasted sufficiently the pressure on L is released and the frame is raised out of the way by the spring N. The handle R is again pushed back until the bed O comes directly under the platen F, when the action of the stop-piece X releases the finger P from the picture. The handle W of the platen F is then pushed down, which forces the card on the pasted picture, (and at the same time the stop-pieces H release the card from the dogs G, as shown in Fig. III, in red ink,) and is made to adhere by the pressure. The pressure being removed from W, the spring I forces up the platen, and on pulling out the handle R again the fingers P then grasp again the picture and card, and bring them forward to the front of the bed A, when they are removed. At the same time, when the handle R is pulled out, the plate T again supplies the platen with another card.

The bed O and slide E are connected to each other by a sliding joint, in order to allow the bed O to have a certain forward and backward motion under the paster without moving the slide E.

The disadvantage of pasting them, as heretofore, by hand, is they soiling of the cards by the paste and smutting off the hands.

What I claim, and desire to have secured to me by Letters Patent of the United States, is—

1. The combination and arrangement of the platen F, handle W, spring I, fingers or dogs G, and stop-pieces H, or their equivalent, for the purpose heretofore set forth and described.

2. The combination and arrangement of the paste-box K, frame L, rollers M, and springs N, or their equivalents, for the purposes heretofore set forth and described.

3. The combination and arrangement of the movable bed O, fingers or dogs P, stop-pieces

Q and X, or their equivalents, for the purposes heretofore described and set forth.

4. The slide-joint Z, for connecting the bed O and slide E, for the purpose heretofore set forth and described.

CHAS. S. LUCAS.

Witnesses:

JOHN D. B. COLLIER,

I. H. COLLIER.