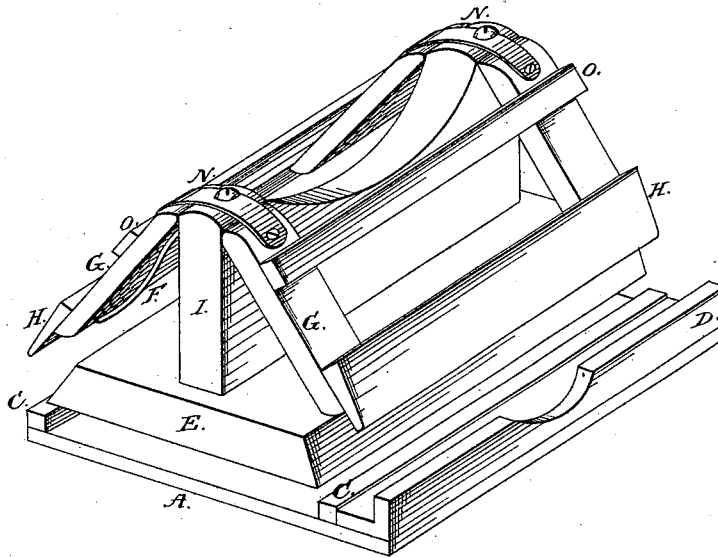


A. F. GERALD.
Paper-Placers.

No. 196,215.

Patented Oct. 16, 1877.

Fig. 1.



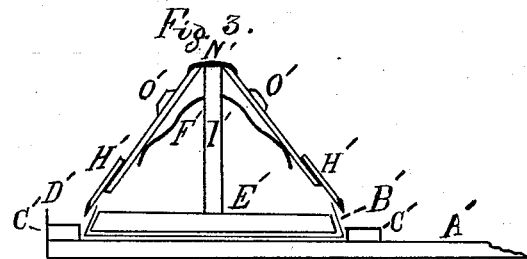
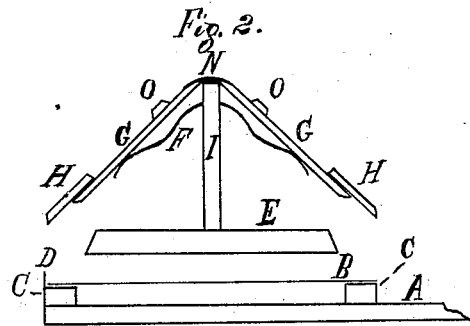
Witnesses
Orville D. Baker.
Eugene S. Fogg

Inventor;
Amos F. Gerald
By W. J. Hoate
His Atty.

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UNITED STATES PATENT OFFICE.

AMOS F. GERALD, OF AUGUSTA, MAINE, ASSIGNOR OF ONE-HALF HIS
RIGHT TO WILLIAM HARVEY, OF SAME PLACE.

IMPROVEMENT IN PAPER-PLACERS.

Specification forming part of Letters Patent No. **196,215**, dated October 16, 1877; application filed
March 9, 1877.

To all whom it may concern:

Be it known that I, AMOS F. GERALD, of Augusta, county of Kennebec, and State of Maine, have invented a new and useful Paper-Placer, which is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to place paper in boxes which are to be filled with salt or other material, so that the dust or dirt which may penetrate through the joints will not injure the contents, and to do the same rapidly and accurately.

In the accompanying drawing, Figure 1 is a perspective view of the paper-placer. Fig. 2 is an end view of the same; and Fig. 3 is an end view of the placer with the paper in position, ready for use.

A is a board having the two pieces C C upon it, running parallel to each other. D is a gage to regulate the placing of the paper, which is shown in Fig. 2, and marked B. E is a flat piece of board or other material, of sufficient width to fill the space between the parts C C, the length and breadth of the same varying according to the size of the box to be filled.

Running the length of the part E is the upright I, to which is attached, by springs, hinges, or leather, at N, the arms G G. F is a spring which keeps the arms extended, as shown, when not pressed down.

The arms G G are constructed as follows: To each end of the piece I the arms are attached, as shown, at the point N, either by hinges, springs, or leather, the parts H H and O O being fastened to the arms G G, and running the length of the placer, and fastened at the other end to arms corresponding to G G. The part I is cut out in the center, and the placer used by grasping the parts O O. The parts H H are for the purpose of holding the paper.

The whole is operated as follows: Place the

paper to be put in the box across the parts C C, as shown in Fig. 2. Then, grasping the placer by the parts O O, press the paper down between the parts C C until the edges of the paper turn up, as shown in Fig. 3 at B'. The operator then presses the two arms down until the paper B' is held between the parts H' H' and E', as indicated in Fig. 3. The paper can then be placed in the box as desired, and the edges held by the parts H' H' and E' are left turned up around the sides of the box. The paper being cut longer than the placer, when it is put in the box, the ends will turn up, and thus the four sides, or the sides and ends, are fitted. Then, by relaxing the hold on the parts O' O', the springs are allowed to act and throw up the arms G G, which frees the paper. The placer is then removed and the paper left in place, the object being to prevent dust, &c., from getting into the contents of the box when it is opened. The paper is usually placed in the top of the box, and the box is then filled from the bottom. To accomplish this the top is put on before the bottom, the latter being left open. The paper is then placed in the box, its edges being turned up and around on the inside, and the box is then filled from the bottom. The latter is then put on and secured, and when the top or cover is removed the contents are protected by the inner covering of paper.

The arms G G may be attached to the part I, as described; or the part N may be a spring, which will do away with the spring F.

I claim as my invention—

The combination of the part E with the upright I and the arms G G, fastened and operated with springs, in connection with the part A, cleats C C, and gage D, substantially as and for the purposes described.

AMOS F. GERALD.

Witnesses:

DANL. C. ROBINSON,
W. J. CHOATE.