

A. F. CURTIS & O. N. PALMER.

Corn-Popper.

No. 126,680.

Patented May 14, 1872.

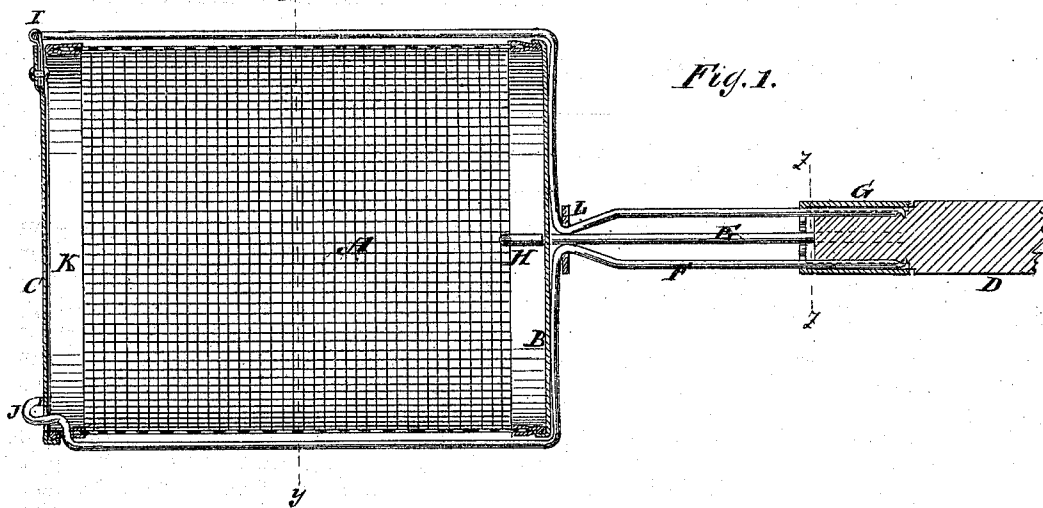


Fig. 2.

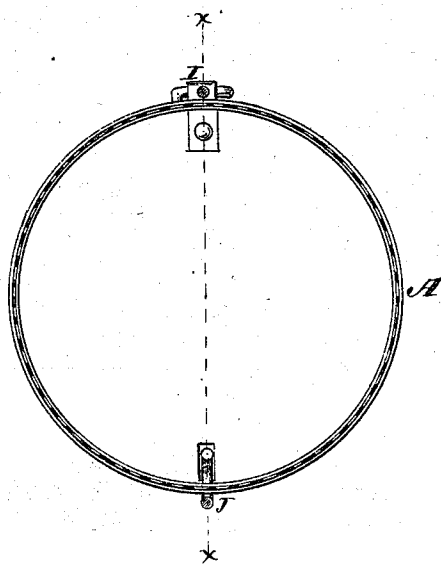


Fig. 3.



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ALBERT F. CURTIS AND ORIN N. PALMER, OF DELAWARE, OHIO.

IMPROVEMENT IN CORN-POPPERS.

Specification forming part of Letters Patent No. 126,680, dated May 14, 1872.

Specification describing a new and useful Improvement in Corn-Poppers, invented by ALBERT F. CURTIS and ORIN N. PALMER, of Delaware, in the county of Delaware and State of Ohio.

In our invention we arrange short wires to clasp and hold the head of the cylinder, and long wires to pass around and support the same, as well as form the hinge and catch of the cover, all the wires being confined or held together by a ring, all as hereinafter described.

In the accompanying drawing, Figure 1 is a longitudinal central section of the device taken on the line *x x* of Fig. 2. Fig. 2 is a cross-section on the line *y y* of Fig. 1. Fig. 3 is a cross-section of the handle on the line *z z* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the corn-popping vessel, it being a cylinder made of wire-cloth or perforated metal with tight heads of tin or other sheet metal. One head, B, is stationary, while the other head C is hinged, so as to open and close and be fastened. D is the handle, which may be of wood or metal, and of any desired length. The handle is connected with the cylinder A by means of wires E and F, the ends of which lap onto the handle, as seen in Fig. 1, when they are fastened by the sliding ferrule G. The ends of the wires are turned and pointed so that they take hold of shoulders in the handle, and when pressed down, as seen in Fig. 1, the fastening is complete. These wires may extend out from the head any required distance. The wires E are bent so as to clasp

and hold the head B to the cylinder, as seen at H, Fig. 1. The wires F bend up and over the head B and extend to the cover C on the outside of the cylinder, as seen in the drawing, forming the pintle of a hinge, I, for the cover on one side, and a fastening hook, J, on the other. The end of the fastening wire passes through the band K at the end of the cylinder, and through a narrow radial slot, which is made in the cover C, near its edge. The hook projects beyond the surface of the cover and catches on the same at the inner edge of the slot, as shown, the "spring" or elasticity of the wire on whose end the hook is formed, serving to retain it in this position. Thus the cover is held or clamped upon the ring K. To release or unfasten the cover the wire is pushed outward, which throws the hook J into the slot and allows the cover to rise. Directly beneath the head B all the wires are brought nearly in contact with each other, where they are confined by the ring L.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The short wires E applied to the head of the cylinder, and the long wires F passing around the same and forming the hinge I and catch J of the cover C, said wires being clasped by the rings G L, all as shown and described.

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