

C. F. WICKWIRE.

CORN-POPPER.

No. 170,976.

Patented Dec. 14, 1875.

Fig. 1.

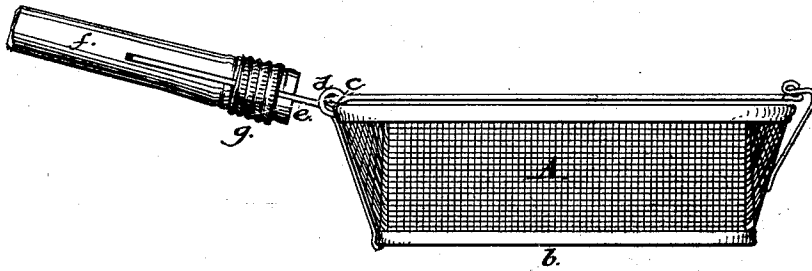


Fig. 2.

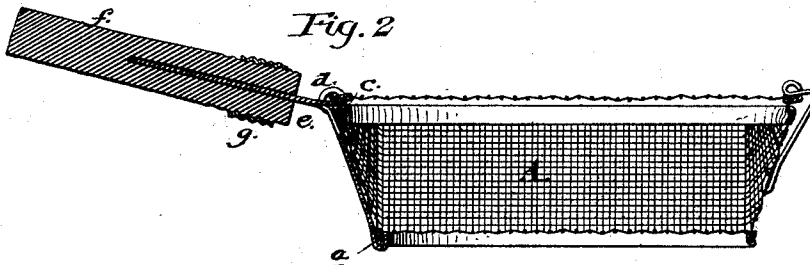
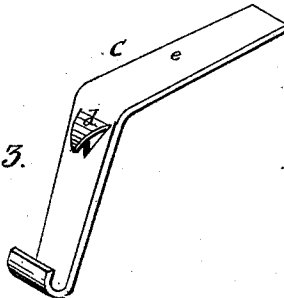


Fig. 3.



Witnesses:

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CHESTER F. WICKWIRE, OF CORTLAND, NEW YORK.

IMPROVEMENT IN CORN-POPPERS.

Specification forming part of Letters Patent No. **170,976**, dated December 14, 1875; application filed November 8, 1875.

To all whom it may concern:

Be it known that I, CHESTER F. WICKWIRE, of Cortland, in Cortland county and State of New York, have invented an Improvement in Corn-Poppers, of which the following is a specification:

The object of my invention is to strengthen the wire tray or body of the popper by a metallic rim upon and around the bottom edges of the tray, crimped or swaged onto the wire composing the tray, and connecting with such rim and the tray a metallic strap, which shall also strengthen the rear end of the tray, and form a tongue by which to connect the tray and handle thereof.

The accompanying drawings show said improvement in detail.

Figure 1 is a perspective view of the popper entire, with the handle retracted, so as to show the tongue. Fig. 2 is a view of the bottom of the tray and rim. Fig. 3 represents the strap, forming a brace to the tray and tongue for the handle.

A is the tray, made of wire-cloth, stamped or pressed into shape in forms or molds, so as to form a light ridge, *a*, of the wire-cloth projecting below the bottom of the tray, and extending entirely around it. Upon this ridge a strip of tin or other sheet metal, *b*, bent in V shape longitudinally, is placed, and swaged or crimped on entirely around the bottom of the tray, forming a rest or runner on the bottom, in place of the large wires usually used for that purpose, and at the same time strengthening and keeping the body of the popper in shape.

It will be seen that by bending or crimping the body of the popper to form a ridge, *a*, as described, increased stiffness and rigidity is imparted to the body, and a means is afforded of readily and cheaply securing the binding-rim *b*, which protects the body at the point where it is most exposed to wear—that is, the lower edges.

The strip C affords a cheap and effective means of connecting the handle without the use of rivets.

c c is a strap or plate of sheet metal, bent up at the lower end, and crimped over and clamped upon the rim above described at the bottom of the popper, and at the top of the popper provided with one or more hooks, *d d*, punched or cut from said strap, and being part of it, which may hook through or over the upper rim of the tray, and be bent down upon such rim, to fasten and hold the upper part of said strap to the tray. The strap *c* is then bent backward, and forms a tongue, *e*, by which to attach the handle *f*, which is of wood and round. Its diameter decreases slightly for a short distance from the popper. It is slotted at the end to receive the tongue *e*, and when the ends are pressed together the sheet-metal screw-ferrule *g* may be slipped on and up the handle to the upper end of the slot. The ends will then expand sufficiently to retain the ferrule on the handle in transportation, and on the tongue *e* being placed in the slot the ferrule *g* is pressed or turned forward, forcing the handle ends down upon the tongue, and holding it securely in place.

I claim—

1. A corn-popper having a body, A, of wire-cloth molded and bent to form at the lower edges a continuous fold or rim, *a*, as and for the purpose set forth.

2. The combination, with the body A and its rim *a*, of sheet-metal strips *b*, folded and clamped upon the rim *a*, as set forth.

3. The strap C, bent at the lower end, provided with a tongue or tongues, *d*, and combined with and applied to the body A, substantially as specified.

4. The combination of the plate C, bent to form a tang, *e*, a wooden handle slotted to receive the tang, and enlarged at its inner end, and a ferrule, *g*, as and for the purpose set forth.

CHESTER F. WICKWIRE.

Witnesses:

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