

W. CHRYSLER.
Pea-Nut Warmer.

No. 128,710.

Patented July 9, 1872.

Fig 1.

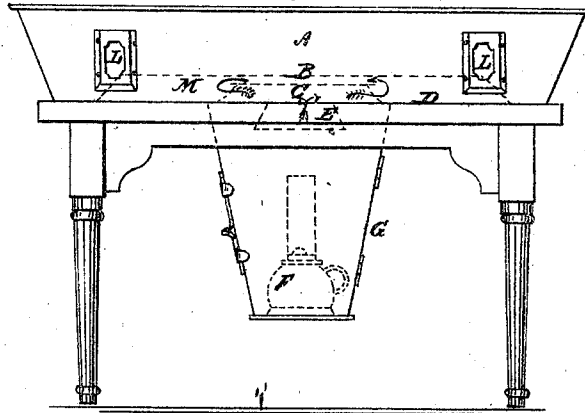


Fig 3.

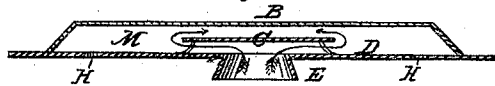
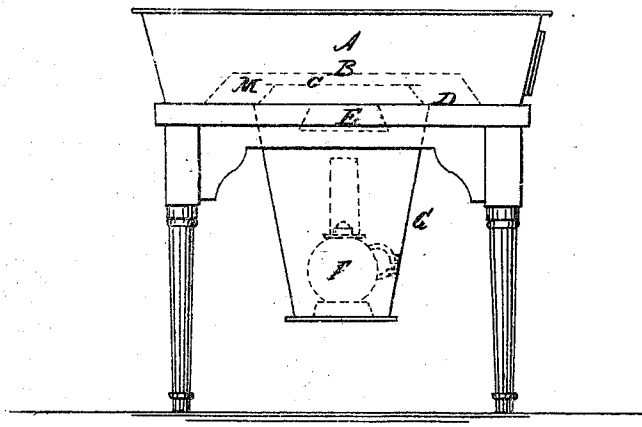


Fig 2



Witnesses.
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UNITED STATES PATENT OFFICE.

WARREN CHRYSLER, OF LOCKPORT, NEW YORK.

IMPROVEMENT IN PEA-NUT WARMERS.

Specification forming part of Letters Patent No. 128,710, dated July 9, 1872.

Specification describing an Apparatus for Warming and Preserving Pea-Nuts kept on sale by retail dealers, invented by WARREN CHRYSLER, of the city of Lockport, in the county of Niagara and State of New York.

The design of my invention is to supply to retail dealers in pea-nuts a means whereby, after undergoing the roasting process, the nuts can be kept continuously and moderately warmed, thus dissipating and preventing the absorption of moisture, and keeping them as crisp and palatable as when first baked.

As ordinarily kept these nuts in a few days, and sometimes hours, after baking lose their crispness and freshness, and become stale and unpalatable, whereby the dealer is subjected to considerable loss either in his nuts or in losing customers through selling them a bad article.

Figure 1 is a front view of an apparatus embodying my invention. Fig. 2 is an end view of the same. Fig. 3 is a section through the center of the hot-air chamber.

It consists of a receptacle, A, of suitable dimensions, and supported in some convenient manner. The bottom D of this receptacle is sheet-iron, tinned or otherwise. Upon this is fastened a hot-air chamber, M, of tinned iron or copper, a section of which is shown at Fig. 3, and the position of the same shown by the dotted lines in Figs. 1 and 2. Underneath the bottom D is attached an inclosed receptacle, G, for a petroleum or alcohol lamp, F; or a gas-jet may be used in the place thereof. The sides of this lamp-receptacle may be of glass and show an illuminated show-card. In the bottom D is an opening surrounded by

a conical funnel, E, through which the heated air from the lamp F enters the heating-chamber M. The bottom D has also perforations at H H, through which the air descends when cooled. Over the funnel E is placed a metallic plate, C, supported at two or more points by slips of sheet-iron or iron wire attached to the deflecting-plate C and the bottom D, the object of which is to disperse the heated air and prevent too much heat in one place; also to intercept smoke and soot, and prevent its collecting upon the top B of the heating-chamber.

By means of this device the heated air from the lamp F ascends through the funnel E, impinges upon the plate C, is dispersed through the heating-chamber M, descending when cooled through the perforations H H, so that the top B of the heating-chamber is moderately and uniformly heated sufficiently to keep warm a quantity of pea-nuts sufficient for the present wants of the retailer, when the same are placed in the receptacle A.

What I claim as my invention, and desire to secure by Letters Patent, is—

The heating-chamber M, as herein shown, consisting of the flat bottom D having the central funnel-shaped opening E and cold-air passages H H and deflector C, in combination with the top B, stationary nut-receptacle A, and lamp or gas receptacle G, the whole arranged upon and supported by a stand, substantially as and for the purposes set forth.

WARREN CHRYSLER.

Witnesses:

M. SEAMAN,
JAMES W. REED.