(No Model.)

T. LEE.

PEANUT ROASTER.

No. 378,256. Patented Feb. 21, 1888.

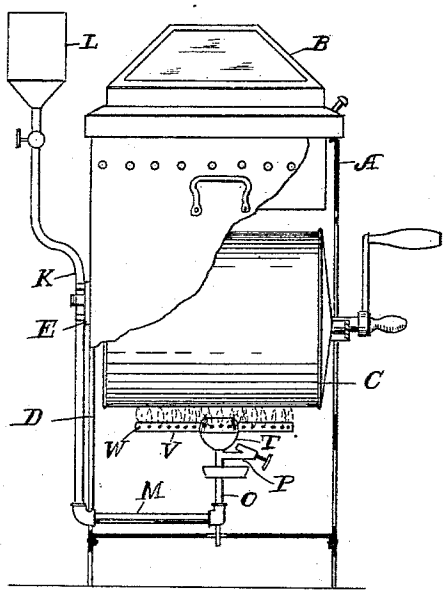


Fig. 1.

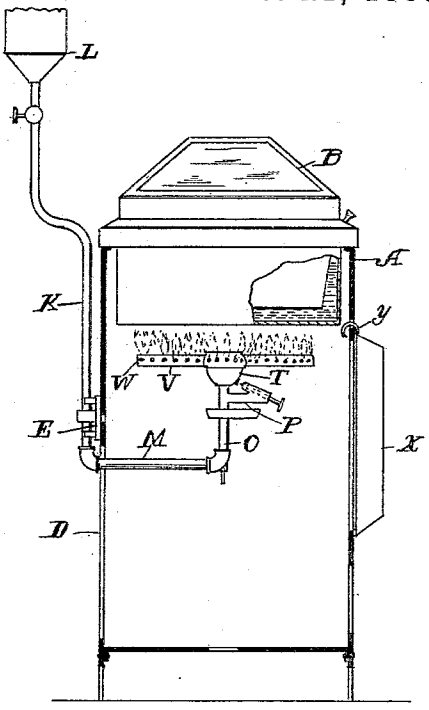


Fig. 2.

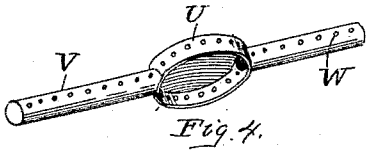


Fig. 4.

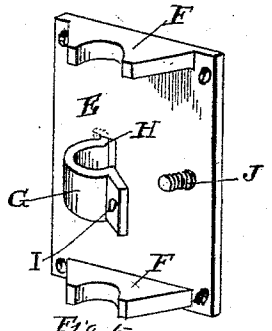


Fig. 5.

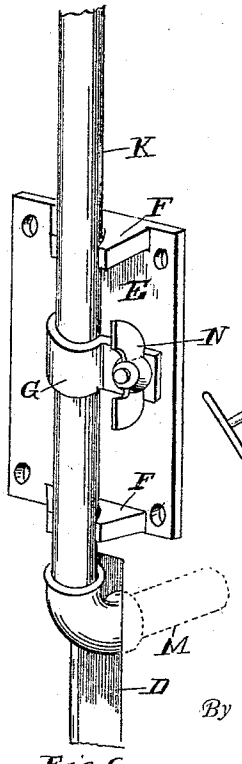


Fig. 6.

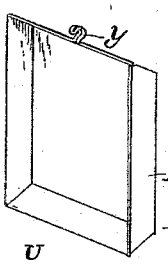


Fig. 7.

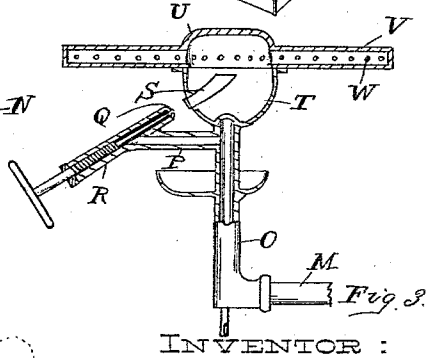


Fig. 3.

WITNESSES:

Robert Kirk.

Jacob Forlow.

INVENTOR:

Thomas Lee.

By J. S. Ledoux

Attorney.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

THOMAS LEE, OF CINCINNATI, OHIO.

PEANUT-ROASTER.

SPECIFICATION forming part of Letters Patent No. 378,256, dated February 21, 1888.

Application filed November 26, 1886. Serial No. 219,943. (No model.)

To all whom it may concern:

Be it known that I, THOMAS LEE, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Peanut-Roasters, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view, partly cut away, of a peanut-roaster with my improved gasoline attachment thereon; Fig. 2, a view of the same with the roasting-cylinder removed and the burner and attachments disposed beneath the warmer; Fig. 3, a vertical central section of the burner attachment; Fig. 4, a perspective view of the burner-cap removed; Fig. 5, a perspective view of the clamping-plate; Fig. 6, a perspective view of the clamping-plate, showing the section of the pipe connecting with the reservoir and clamped in position at the side of the roaster; and Fig. 7, a perspective view of the pendent apron at the forward part of the roaster.

The object of my invention is to provide a simple and convenient roasting and warming attachment for peanut-roasters, and is an improvement on my patent warmer, No. 212,146, and my roasters, Nos. 320,804 and 332,351; and it consists in the construction and combination of the several parts, all of which will now be fully set forth in detail.

In the accompanying drawings, A represents the frame or case of my improved peanut-roaster; B, the warmer, and C the roasting-cylinder. These are all constructed as shown in my former patents.

Rearwardly within the frame A, I provide a vertical slot, D, and above this slot I dispose a clamping-plate, E, provided with lugs F at the upper and lower parts. Centrally upon this plate I provide a clamping-bar, G, one end resting within the slot H at the side of the plate, while the other end has an opening through which the bolt J passes for securing it in position. Resting between the lugs F and beneath the clamping-piece G, I place a vertical pipe, K, provided at the upper end with an ordinary gasoline-reservoir, L. The burner part of this pipe K is provided with right-angled horizontal parts M, which pass through the vertical slot D and into the roaster-case A. The bolt J has a thumb-nut, N, outwardly, so that the pipe K may be raised or lowered into any convenient position desired. The inner end of the horizontal section M is provided with a vertical part, O, having at its upper end a generator, P, which has a single needle-valve, Q, within the pipe R, disposed at an angle, and forwardly therefrom a tube, S, connecting with the heating or combustion bulb T. The upper part of this bulb T is open, and is provided thereon with a cap, U, as shown in Fig. 4, the central part formed circular and having oppositely-disposed wing-tubes V extending outwardly therefrom. The sides of these tubes V as well as the body part of the cap are provided with perforations W, forming the burner. As will be noticed, I prefer to use simply two of these tubes V; but it is obvious that more may be used, if desired, so disposed as to radiate from the central body.

It is obvious that any form of a generator may be attached at the upper end of the vertical section O; but I prefer forming it as described, as the mechanism is very simple. The burner, when lighted, which is done in the usual manner, vaporizes the oil in and about the generator P, and which passes therefrom through the needle-valve Q, through the tube S, and thence to the heating or combustion bulb T, where it is burned as it issues from the perforations W at the sides of the cap.

Fig. 1 shows my device with the cylinder in position and having the reservoir-pipe K and burner attachment lowered within the clamping-plate G, so as to rest beneath the roasting-cylinder C. I find it convenient, however, to remove the cylinder C from the frame A when it is desired to simply warm the heater B at an even temperature. In this case the clamping-plate G is slightly released by means of the thumb-nut N, and the pipe K moved upwardly through the clamping-piece G, so that the burner-cap U will rest directly beneath the warmer B, while it is clamped in position by means of a thumb-nut, N. When it is desired to entirely remove the pipe K, which carries the burner and the reservoir, from the case, the thumb-nut N is unscrewed and the clamp G turned back on its hinge, thus releasing the pipe K entirely. The removability of this pipe is essential for shipping purposes. When the cylinder is removed, the opening at the side of the case A occupied by the head of the cylinder would be open; but in order that it may be

closed, and thus retain as much of the heat as possible, I provide a rectangular pan-shaped shield, X, having a hook, Y, on its upper end, which is so disposed as to hook into slots in the side of the frame, and thus cover the opening through which the cylinder is removed. This shield X is designed to be so formed as to be used as a pan or receptacle for the nuts when not used as an apron for closing the opening, and thus subserves a double purpose.

What I claim is—

1. In combination with the case A, having a heater, bearings for the cylinder, an opening in front, and slots, as set forth, the removable pan-shaped shield X, provided with hooks Y, substantially as and for the purposes set forth.

2. In roasters, the combination of a frame or case having a warming-chamber and a removable roasting-cylinder beneath, with a vertically-adjustable burner and oil-reservoir, whereby the burner can be elevated to take the place of the removable roasting-cylinder, substantially as herein set forth.

3. In roasters, the combination of the frame or case having a warming-chamber and a removable roasting-cylinder beneath, and provided on one side with a vertical slot, with a clamp having guide-arms thereon secured to the side of the roaster above the slot, and the pipe carrying the oil reservoir and burner, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of November, 1886, in the presence of witnesses.

THOMAS LEE.

Witnesses:
C. D. ZERBE,
ROBERT KIRK.