(No Model.)

B. HUNT.

COMBINED STEEPER AND HEAT DISTRIBUTER FOR OIL STOVES.

No. 314,334. Patented Mar. 24, 1885.

Fig. 1.

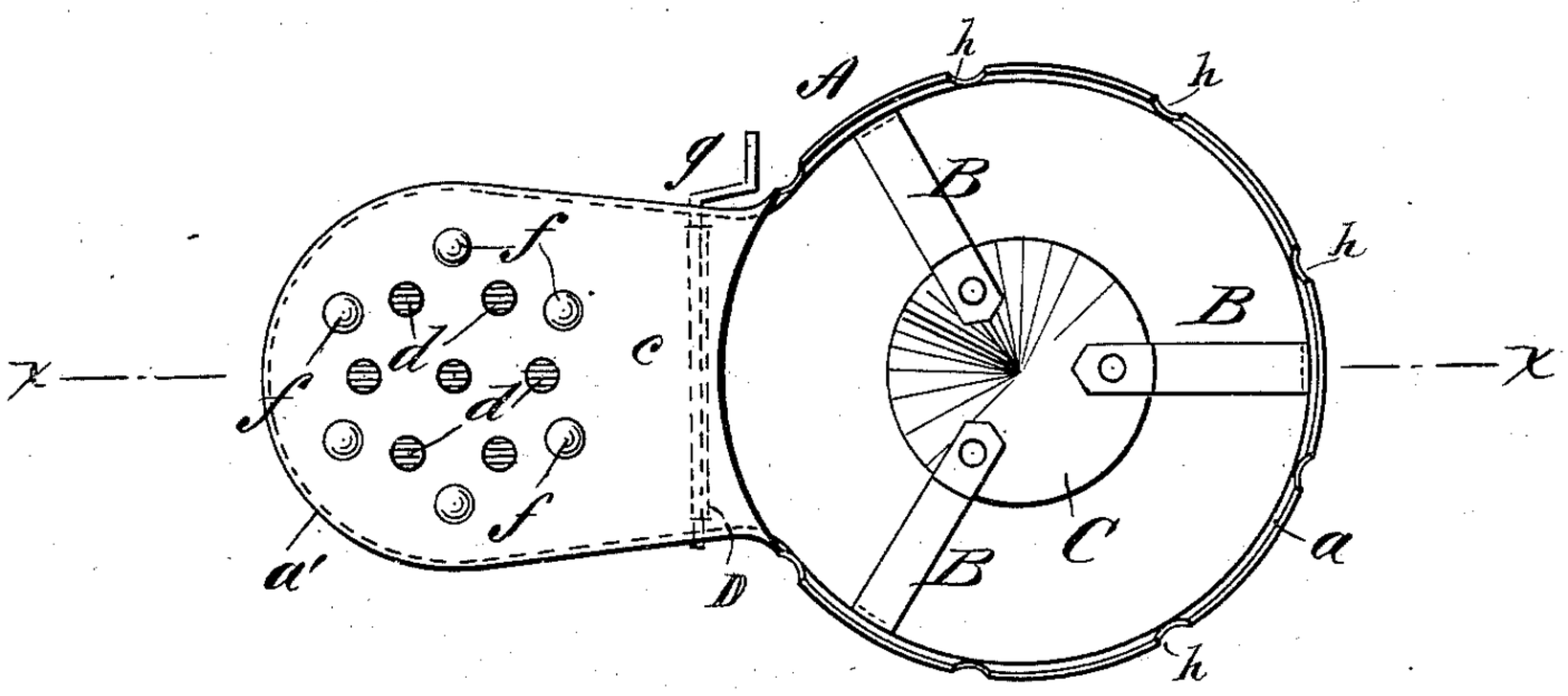
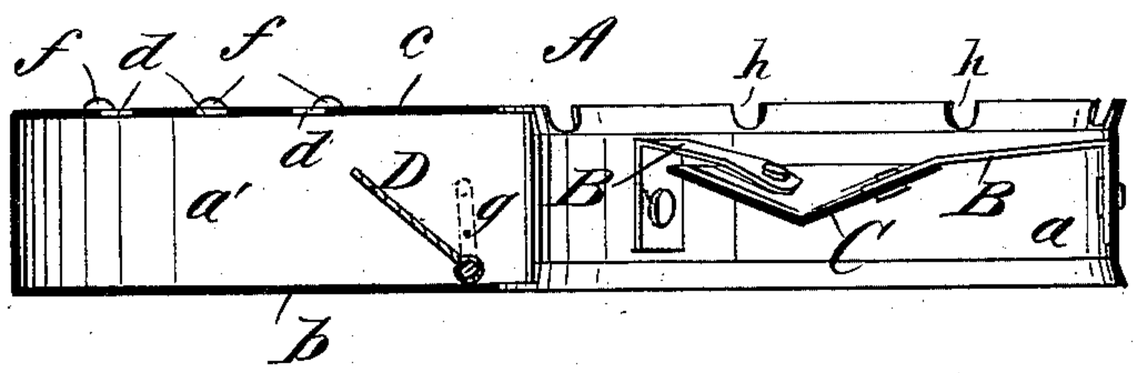


Fig. 2.



WITNESSES:

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BENJAMIN HUNT, OF NEOSHO FALLS, KANSAS.

COMBINED STEEPER AND HEAT-DISTRIBUTER FOR OIL-STOVES.

SPECIFICATION forming part of Letters Patent No. 314,334, dated March 24, 1885.

Application filed August 9, 1884. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN HUNT, of Neosho Falls, in the county of Woodson and State of Kansas, have invented a new and useful Improvement in Combined Steeper and Heat-Distributer for Oil-Stoves, of which the following is a full, clear, and exact description.

The invention consists, principally, of a novel device for distributing the heat and flame of gasoline or oil stoves so that the heat will be applied equally over the bottom of a skillet or other cooking-vessel, thus avoiding danger of burning food from a concentration of heat at one spot at the bottom of the cooking-vessel.

The invention consists in the peculiar construction and arrangement of parts, as hereinafter fully described, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a plan view of my invention; and Fig. 2 is a longitudinal sectional elevation of the same, taken on the line *x x* of Fig. 1.

The rim A, of sheet metal, is bent to form the circular main part *a* and the smaller side extension, *a'*.

To the inner surface of the main part *a* are secured the radial arms B, and to the adjacent ends of these arms is secured the sheet-metal cone C, the apex of which points downward. The extension *a'* is closed at the bottom by the plate *b*, and at the top by the plate *c*, which has the perforations *d* made in it, and the knobs *f* formed in or secured upon it for supporting a teapot or other vessel a little above the plate *c*, so as to permit the heat to pass out through the holes *d* and come in contact with the bottom of the vessel, and in the entrance to the extension *a'* is pivoted the damper D, which may be turned by the crank *g*, for regulating the amount of heat admitted to the extension and to the vessel placed thereon.

The upper edge of the rim A has the notches *h h* formed in it, to furnish a draft for the flame and heat entering the rim; but these notches may be omitted, if desired.

In use the device is simply to be placed upon the oil or gasoline stove so that the point of the cone C will come in the center of the flame and point of greatest heat produced by the stove, so that the heat and flame will be deflected and distributed by the cone equally over the bottom of any cooking-vessel which may be placed upon the upper edge of the main portion of the rim A. In this manner all danger of burning the food being cooked is avoided.

In steeping tea or making coffee or doing other cooking, when a slow heat is required, the extension *a'* will be used, to which the heat may be regulated as required by the damper D.

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

1. A combined steeper and heat-distributer consisting of the ring-shaped portion *a*, formed with the extension *a'*, having an apertured top, and provided with the cone C in the ring-shaped portion and the hinged valve D at the entrance to the extension, substantially as herein shown and described.

2. The rim A, bent to form the main circular portion *a* and extension *a'*, in combination with the arm B, cone C, plates *b c*, and damper D, arranged substantially as and for the purposes set forth.

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Witnesses:
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