No. 647,445. Patented Apr. 10, 1900.

J. H. GILLET & W. H. WOODS.

PEANUT OR CRACKER WARMER.

(No Model.) (Application filed Aug. 21, 1899.)

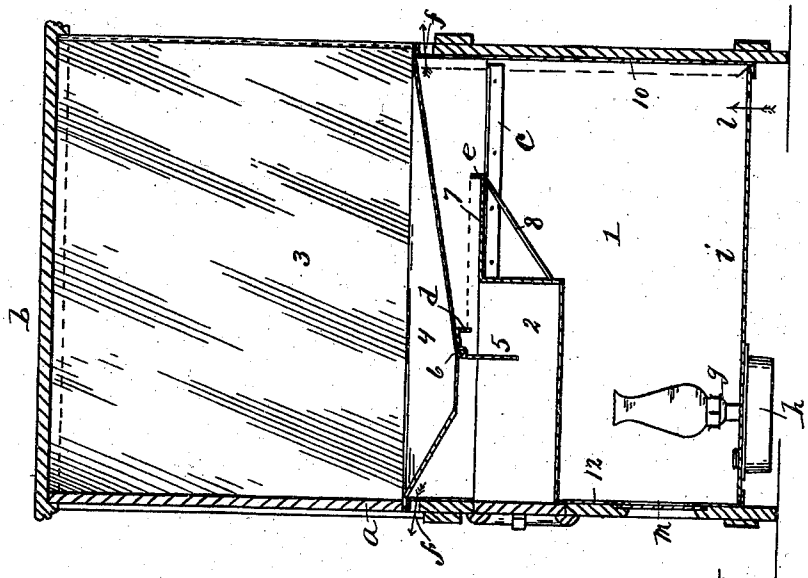


Fig. 2.

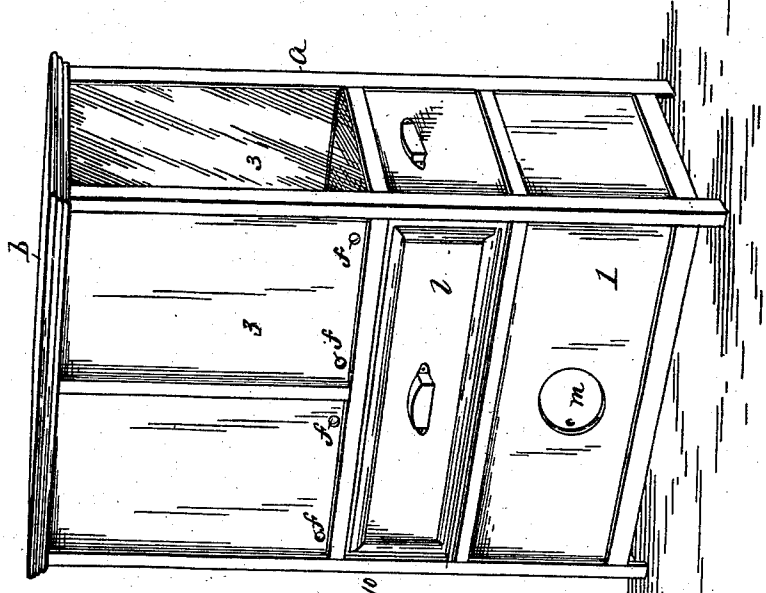


Fig. 1.

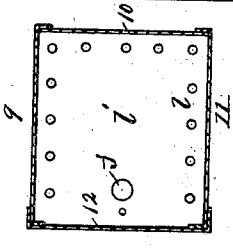


Fig. 3.

WITNESSES.

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UNITED STATES PATENT OFFICE.

JULE H. GILLET AND WILLIAM H. WOODS, OF DETROIT, MICHIGAN.

PEANUT OR CRACKER WARMER.

SPECIFICATION forming part of Letters Patent No. 647,445, dated April 10, 1900.

Application filed August 21, 1899. Serial No. 727,886. (No model.)

To all whom it may concern:

Be it known that we, JULE H. GILLET and WILLIAM H. WOODS, citizens of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Peanut or Cracker Warmers; and we declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Our invention is designed to provide an improved peanut and cracker warmer; and it consists of the construction, combination, and arrangement of devices hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a view in perspective, illustrating features of our invention. Fig. 2 is a vertical transverse section. Fig. 3 is a detail in horizontal section, showing the bottom plate and linings of the heating-chamber.

Our invention aims to provide a peanut and cracker warmer of simple and economical construction and of superior efficiency and utility.

We carry out our invention as follows:

Any suitable case or frame may be employed—as that indicated, for example, at *a*. This case is divided into a lower compartment, (indicated at the numeral 1,) forming a heating-chamber, an upper compartment, (indicated at the numeral 3,) and an intervening drawer, (indicated at the numeral 2.) The upper compartment constitutes a storage or receiving chamber for the articles to be warmed and is provided at its top with a removable cover, (indicated at *b*.) The back of the upper chamber may be preferably made of wood, as shown, while the other sides are preferably made of glass, as indicated in the drawings. At the base of the chamber 3 is a hopper (indicated by the numeral 4) provided with a swinging door, (indicated at the numeral 5,) which may be hinged to the hopper, as indicated at the numeral 6. The swinging door 5 drops down into the drawer 2, the hopper emptying into said drawer when said door is open.

At the rear of the drawer 2 and movable therewith is an arm or shelf 7, preferably braced to the back under the drawer, as indicated at the numeral 8. The case of the warmer is provided with guideways or tracks *c*, upon which the drawer is reciprocated as it is drawn out and forced into the case of the warmer. It will be obvious that the swinging door 5 drops down in front of the arm or shelf 7, so that said shelf striking the swinging door will close it upward, while the drawer is drawn outward to prevent the feeding of the stock in the chamber 3 into the drawer while the drawer is in open position. When the drawer is forced into the case, it will be obvious that the shelf 7, receding from the swinging door 5, permits said door to drop into open position again. The hopper is preferably provided with a stop, (indicated at *d*,) the shelf 7 being also provided with a stop *e*, arranged to strike the stop *d* when the drawer is pulled outward to limit the outward movement of the drawer. Above the drawer the case is provided with ventilating-orifices, (indicated at *f*,) out of which the heat may escape, these orifices being located above the drawer and underneath the hopper.

The lower compartment is designed to be heated by any suitable heating device—as, for example, a lamp, (indicated at *g*.) The fount of the lamp is preferably located below the base of the heating-chamber 1, as indicated at *h*, the base *i* of the heating-chamber being provided with an orifice *j*, through which the top of the lamp may project. The base *i* may also be provided with orifices, as indicated at *l*, through which air may be admitted into the heating-chamber to support combustion and to create a draft within said chamber, carrying the heat upward within the drawer and under the base of the hopper. The drawer, except the front thereof, may be made, preferably, of metal, as well as the hopper. The interior of the heating-chamber is formed, preferably, with metal linings, (indicated by the numerals 9, 10, 11, and 12.) The linings at the back and upon the two sides are preferably so flanged as to be interlocked or held in place when the front lining 10 is engaged in place. The linings are also constructed with lower flanges, as shown, to support the base *i*. When the four side linings are in place, the bottom

plate *i* may then be located in position. The track *c* may readily be made as flanges secured to the side linings of the heating-chamber. The back side of the case of the heating-chamber may be provided with a sliding door, (indicated at *m*,) affording access to the lamp within the heating-chamber and to the filler-opening of the fount *h*.

By the construction above described it will be obvious that the swinging door will be closed and opened automatically when the drawer is actuated, serving when it is closed to automatically cut off the feed from the hopper into the drawer.

What we claim as our invention is—

1. In a warming device, a heating-chamber, a reciprocatory drawer, and a supply-chamber above the drawer communicable with the drawer, said drawer arranged to cut off communication of the supply-chamber therewith when the drawer is drawn outward, substantially as set forth.

2. In a warming device, a supply-chamber provided with a hopper at its base, a movable drawer therebelow into which said supply-chamber communicates, and a heating device located below the drawer, said hopper provided with a swinging door at the base thereof, and said drawer with a rearwardly-extended arm or shelf movable with the drawer arranged to close the swinging door when the drawer is pulled out, and to allow said door to open when the drawer is inserted within the case of the warming device, as set forth.

3. In a warming device, a heating-chamber, a reciprocatory drawer, a supply-chamber provided with a hopper at its base communicable with said drawer, said hopper provided with a swinging door at the base thereof, and said drawer with a rearwardly-extended arm or shelf arranged to close said door when the drawer is pulled out, the walls of the heating-chamber provided with interlocking metal plates, and a base supported upon said plates, substantially as set forth.

4. In a warming device, a heating-chamber provided with a heating device, a movable drawer located toward the top of said chamber, a supply-chamber located above said drawer and communicable therewith, said hopper provided with a swinging door at the base thereof, and said drawer with a rearwardly-extended arm or shelf arranged to close said door when the drawer is pulled out, said heating-chamber provided with outlet-orifices below said hopper, as set forth.

In testimony whereof we sign this specification in the presence of two witnesses.

JULE H. GILLET.
WILLIAM H. WOODS.

Witnesses:
GEO. F. BEASLEY,
M. HICKEY.