

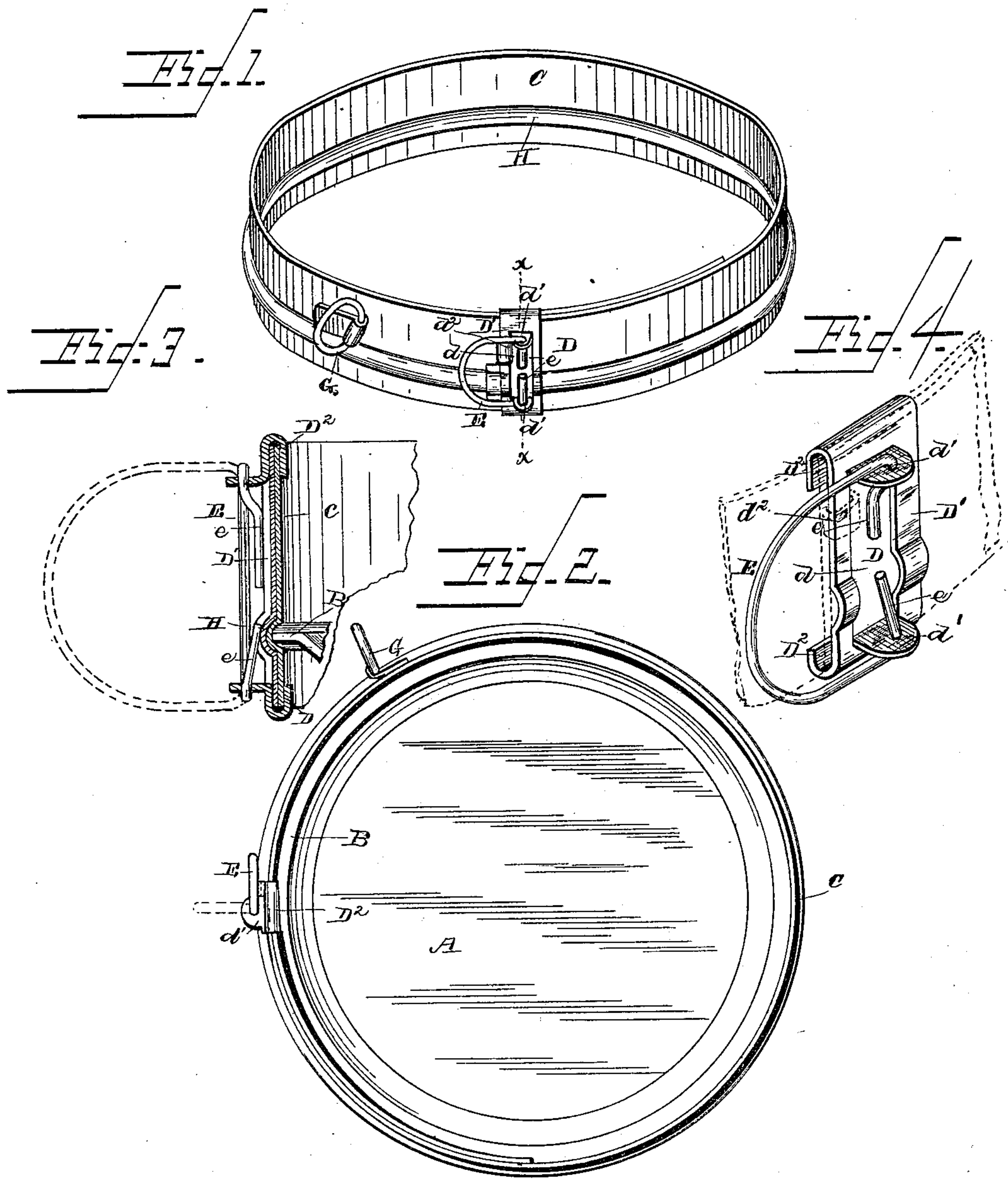
(No Model.)

C. A. CRAWFORD.

PIE PLATE RIM.

No. 368,382.

Patented Aug. 16, 1887.



Witnesses

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UNITED STATES PATENT OFFICE.

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PIE-PLATE RIM.

SPECIFICATION forming part of Letters Patent No. 368,382, dated August 16, 1887.

Application filed April 20, 1887. Serial No. 235,532. (No model.)

To all whom it may concern:

Be it known that I, CHARLES ALBERT CRAWFORD, a citizen of the United States, residing at Thompson, in the county of Windham and State of Connecticut, have invented a new and useful Improvement in Pie-Plate Rims, of which the following is a specification.

My invention relates to an adjustable pie-plate rim, the object of which is to provide means whereby a shallow pie-plate may be deepened by a supplemental rim or edge to enable it to contain more and to prevent the substance which is being cooked from boiling out and being wasted.

My invention consists, further, in a certain peculiar construction and arrangement of parts for service, fully set forth hereinafter, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of the ring. Fig. 2 is a plan view of the same applied to a pie-plate. Fig. 3 is a section on the line *xx* of Fig. 2. Fig. 4 is a detail view of the clamp.

Referring by letter to the drawings, A designates a pie-plate of the ordinary shape, having the outwardly-projecting flange or edge, B, as usual; and C is the improved detachable rim formed of a flexible, non-combustible material, such as light tin. To one end of the strip forming the ring is secured a clamp, D, comprising a plate, D', having the underturned flanges D² to pass around the upper and lower edges of the rim; and *d* is an opening or recess cut in the upper side of the said plate, having the upturned ears *d'* *d'* at opposite ends of the said recess, and the said plate is secured to the said end of the strip by bending an ear, *d*², of the said strip around the edge of the plate and through the recess *d*, as clearly shown in the drawings.

The free end of the strip or rim is passed through the clamp between the inner side of the other end of the rim and the flanges D²; and E is a bent-wire clamping-lever journaled at the inner end in bearings in the ears *d'*, and having the inturned ends *e e* adapted to operate in the recess *d*. The said inturned ends *e e* are bent toward the rim and adapted, when the handle or ring E of the lever is turned around against the side of the rim, to impinge against the outer of the two ends of the said rim and clamp it firmly to the other. Thus

by passing the inner end of the rim more or less through the clamp and securing it in the desired position the rim may be made smaller or larger to suit the size of the pan or plate, and to enable the said inner end of the rim to be more easily pushed through the clamp I provide the knob or ring or other hold, G, thereon at a convenient place.

Somewhat below the middle of the height of the rim is formed a groove, H, on the inner side thereof, and in this groove is adapted to be secured the flange of the pie-plate, and thus the flange on the upper side of the said groove will project above the edge of the pie-plate and serve as a means to prevent liquids from boiling over the said edge and wasting.

To secure the rim in place, loosen the clamp, open the rim larger than the plate to which it is to be secured, place it around the plate, draw the rim together, at the same time securing the flange of the plate in the groove, and after pressing the rim tightly around the plate clamp it in that position firmly and the rim will be as part of the plate.

I wish it understood that I do not limit myself to the precise details of construction as herein set forth. I may make the rim of any size with regard to depth of circumference and of any material, and I may use any suitable style of clamp secured in place in any preferred manner. These rims, as will be understood from the foregoing, are designed to be secured to the pie-plate before being placed in the oven, and their main object is to serve as a safeguard against the boiling over or spilling of the contents of the plate.

It will be understood that the herein-described rims are adapted to be applied to other vessels besides pie-plates, and I do not wish to be understood as limiting their utility to the latter.

Having now described the construction, operation, and advantages of my invention, I claim—

1. As an improved article of manufacture, a plate-rim consisting of a single strip of metal in the form substantially as shown, having a continuous groove, H, formed therein to receive the flange or edge of the plate, said rim being constructed so as to be adjusted to various sizes of plates, the ends of the rim overlapping each other, the clamping-plate D, hav-

ing the upper and lower flanges, D^2 , adapted to pass over the upper and lower edges of the meeting ends of the rim and retain the two ends thereof, the said plate D being rigidly fitted to one of the ends of the rim, and the clamping-lever E, pivoted to the clamping-plate D, and adapted to impinge against the overlapping ends of the rim and clamp the same together, substantially as set forth.

2. In combination with the detachable adjustable rim constructed with the central groove, H, the clamp D, having the central opening, d , the securing strip or ear d^2 integrally formed with one end of the rim and passing through the opening d , around the clamping-plate, the ears d' , and the bail E, substantially as described.

3. The combination, with the rim C, having the central groove, H, and the securing-ear d^2 , formed with one end thereof, of the clamping-plate D, having the upper and lower

flanges, D^2 , adapted to pass over the upper and lower edges of the said rim and retain the two ends thereof, substantially as described.

4. An adjustable rim for pie-plates, comprising a strip of flexible material, combined with the clamp D, consisting of the plate D' , flanges D^2 , to embrace the edges of the rim, the recess d in the said plate, ears d' at the ends thereof, the clamping-lever E, journaled in the said ears, and having intumed ends e to impinge against and bind the ends of the rim in the clamp, and the ear d^2 on the end of the strip to pass around one edge of the plate, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES ALBERT CRAWFORD.

Witnesses:

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