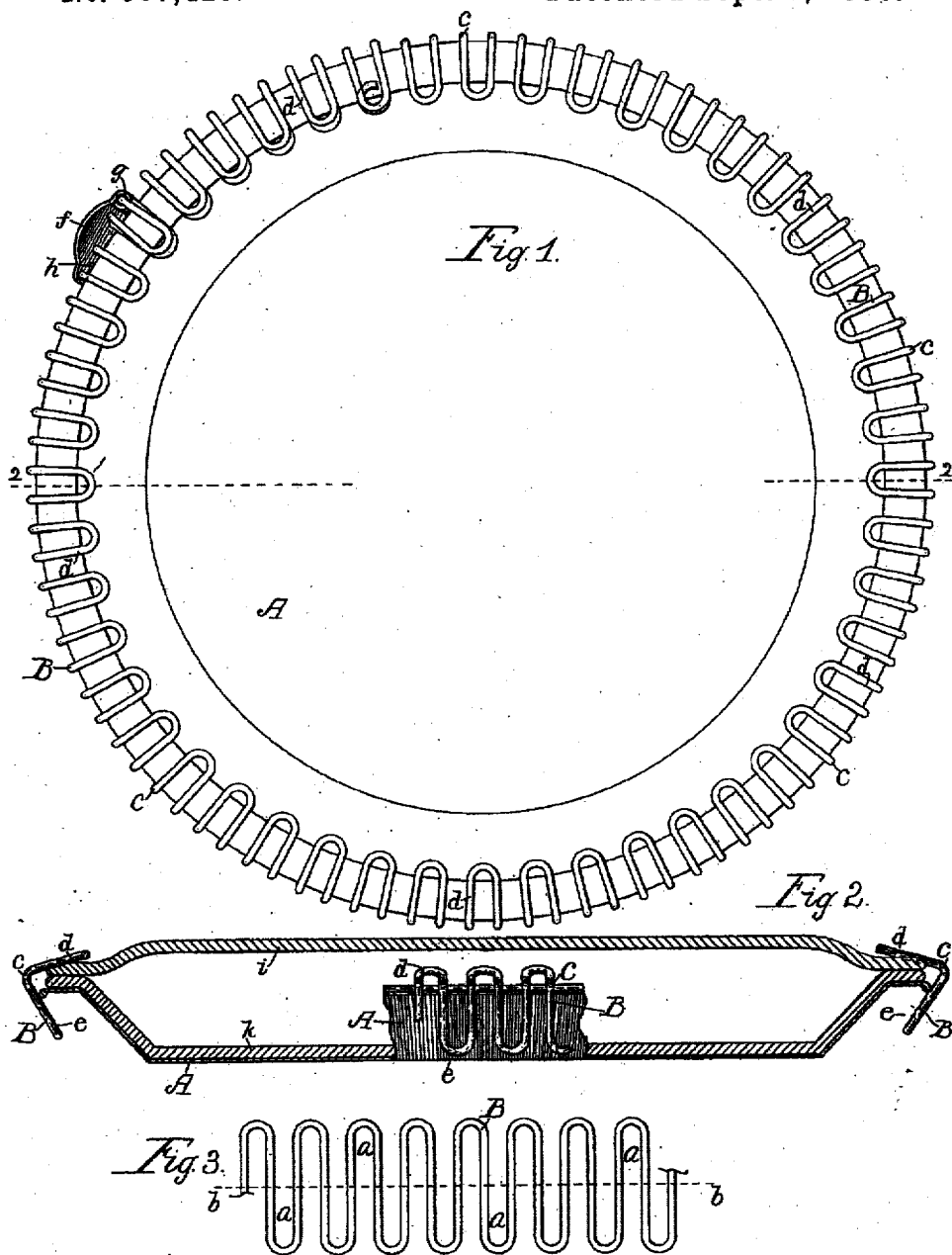


(No Model.)

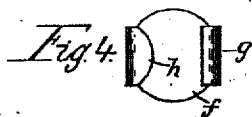
I. N. WEITZEL.  
HOOP FOR PIE TINS.

No. 567,426.

Patented Sept. 8, 1896.



Attest:  
M. L. Winston.  
F. S. Hutchinson.



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By C. A. Whitmore,  
Att'y.

# UNITED STATES PATENT OFFICE.

ISAAC N. WEITZEL, OF ROCHESTER, NEW YORK.

## HOOP FOR PIE-TINS.

SPECIFICATION forming part of Letters Patent No. 567,426, dated September 8, 1896.

Application filed August 3, 1896. Serial No. 601,510. (No model.)

*To all whom it may concern:*

Be it known that I, ISAAC N. WEITZEL, of Rochester, in the county of Monroe and State of New York, have invented a new and useful improvement in Hoops for Pie-Tins, which improvement is fully set forth in the following specification and shown in the accompanying drawings.

Pies for the table are commonly made with an upper and an under crust for each, to contain or hold the inner material of the pie. These crusts are in two separate pieces placed so as to be even at their edges and commonly merely pressed together by hand when the pie is made ready for the oven. When subjected to the action of heat for the purpose of baking, the contents of the pie swells and tends to lift the upper crust and so form openings between the two crusts at the edge, out through which the juice or fluid part of the pie escapes. This juice that thus escapes by "cooking over" is commonly the richest and best part of the pie, and it is not only lost, but in running out it badly fouls up the tin or plate in which the pie is made, and also the floor of the oven in which the pie is baked.

The object of my invention is to provide a device by means of which this parting of the crusts may be prevented, thus saving a valuable part of the pie otherwise apt to be lost, and also avoiding the smearing of the pie-tin and the interior of the oven. This device is in the form of a flexible, metallic hoop or band; adapted to be bent around or placed upon the periphery of the pie and to act in such a manner as to firmly press together the edges of the two crusts and hold them closely together during the process of baking. This hoop or band is elastic, and it is adapted to be placed upon the rim or edge of a pie tin or plate used for the purpose of baking pies of any size, within limits, lapping at the ends when such tin or plate is small in diameter. The hoop is provided with a suitable clasp or fastener at one end, and the construction of the device is such that when placed upon a pie it holds to place with an elastic pressure and resists any force applied in a manner calculated to remove it therefrom unless first loosened at the clasp.

The invention is hereinafter more fully described and particularly pointed out.

Referring to the drawings, Figure 1 is a plan of an ordinary pie tin or plate with my invention attached in place. Fig. 2 is a side elevation of the device, mainly in vertical diametrical section, as on the dotted line 2 2 in Fig. 1. Fig. 3 is a side elevation aiding to show, in part, the principle of the construction of the device. Fig. 4 shows the form of the clasp.

Referring to the drawings, A is an ordinary pie tin or plate, and B my improved band or hoop secured in placed around the edge thereof. This band or hoop is preferably made of elastic wire, as spring steel wire, for example, of about No. 16 gage, and sinuous in form, as shown, it being made up of a series of loops *a*, Fig. 3. The wires forming these loops are subsequently bent laterally along a central longitudinal line (represented by the dotted line *b b*) to form acute angles *c*, Fig. 2.

When the hoop or band is put upon the pie, the joined edges of the crusts *i k* occupy the interiors of the angles *c*, as shown, and the form of the hoop or band is such that when placed upon a pie there is an upper part or looped flange *d*, reaching inwardly over the edge of the crust, and a similar pendent part or lower looped flange *e*, extending downward below the rim of the pie-tin. Now on account of both the form and the elasticity of the hoop the latter will resist any force applied in a manner calculated to lift it vertically upward off of the tin; also, from the fact that the lower flange *e* is inclined in under the edge of the pie-tin the constant tendency is to draw the upper flange *d* in a downward direction and so cause it to press the upper crust *i*, as shown in Fig. 2, and firmly hold said crust down against the lower crust at the edge all round.

In Fig. 1, and also at the middle of Fig. 2, the wires of the hoop are shown as if resting directly upon the edge of the tin A, the pie being absent, but at the right and left in Fig. 2 they are shown as raised to rest upon the upper crust of the pie. The flange *d* is not horizontal, but inclines upward at its inner edge, as shown, the flange *e* being turned from a vertical in under the edge of the tin. The pulling downward of the hoop, on account of the inclination of the flange *e*, causes the

wires of the flange *d* to become bedded in the dough of the upper crust, as appears in Fig.

2. The clasp or fastener *f* shown is a piece of sheet metal formed with a loop *g*, bent around a loop-wire at one end of the hoop and formed at the other side with a hook *h* to catch onto one of the wires of a loop when the hoop is strained around the edge of the pie. The vertical lengths of the loop *g* and the hook *h* of the clasp about equal the distance between a bend *c* and the lower end of the loop *a*, which serves, in a measure, to prevent the overlapping end of the hoop (that holding the clasp) from raising or slipping upward.

In using the hoop it is put upon a pie after the latter is placed in a tin for the purpose of baking and removed after the pie is baked; and, besides holding the crusts firmly together for the purpose stated, the hoop also serves to pleasingly ornament the pie by leaving the forms of the wire loops imprinted in the crust around the edge of the latter.

What I claim as my invention is—

1. A hoop or band for a receptacle, as a pie-tin, made of elastic material, as metal wire, having transverse loops, and a clasp or fastener for the hoop, substantially as shown and described.

2. A hoop or band for a receptacle, as a pie-tin, made of elastic material, as steel wire, having transverse loops bent laterally along a longitudinal line, forming an upper and a lower looped flange, substantially as specified.

3. A pie-tin provided with a removable elastic hoop or band formed of a series of loops bent transversely so as to form a part extending over the rim of the pie-tin and another part hanging under the rim, substantially as set forth, and a fastener for the hoop or band.

In witness whereof I have hereunto set my hand, this 31st day of July, 1896, in the presence of two subscribing witnesses.

ISAAC N. WEITZEL.

Witnesses:

ENOS B. WHITMORE,  
M. L. WINSTON.