

No. 748,151.

PATENTED DEC. 29, 1903.

W. A. BANFILL.
SUPPLEMENTAL PIE PLATE RIM.

APPLICATION FILED FEB. 19, 1903.

NO MODEL.

Fig-1-

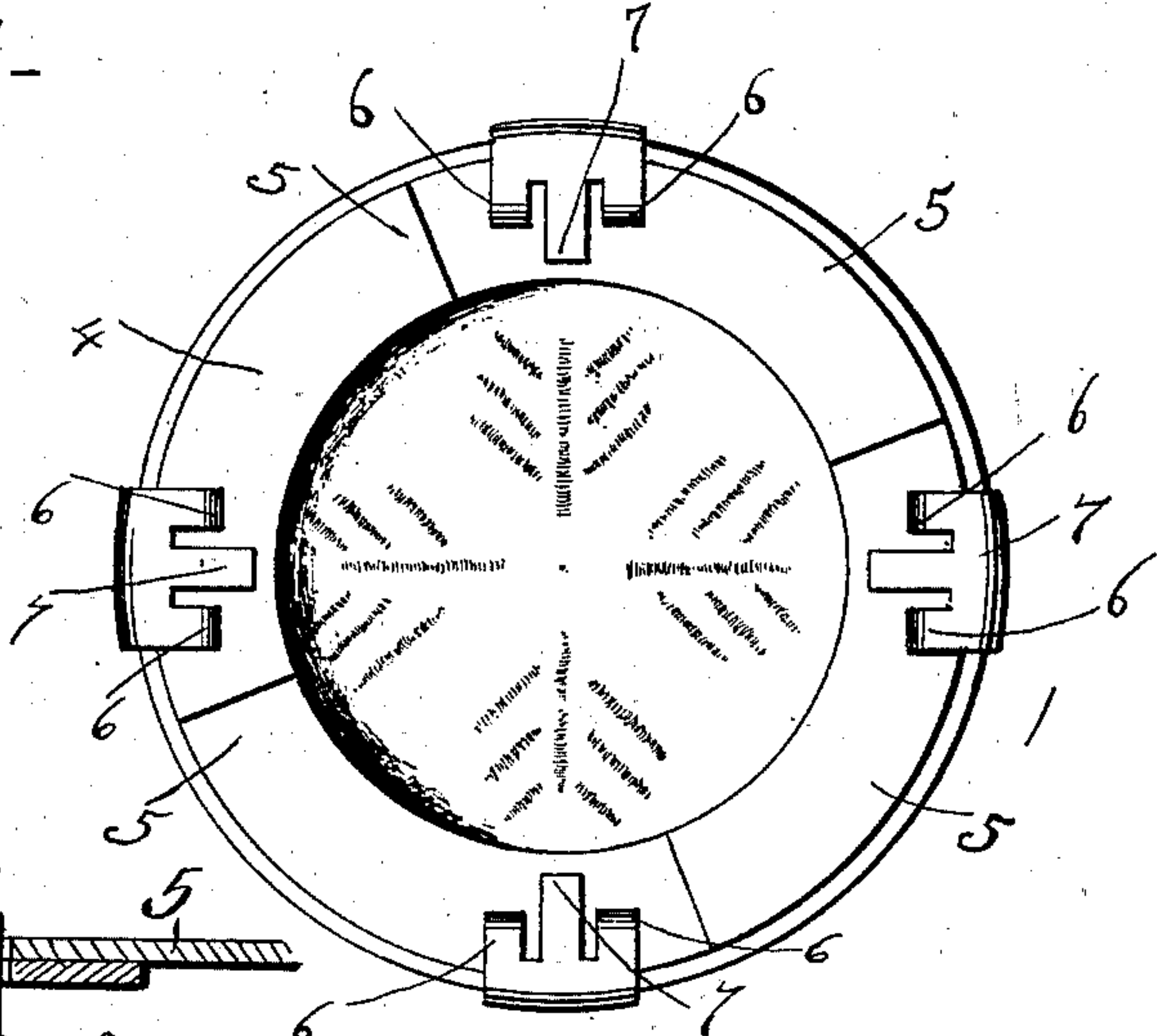


Fig-2-

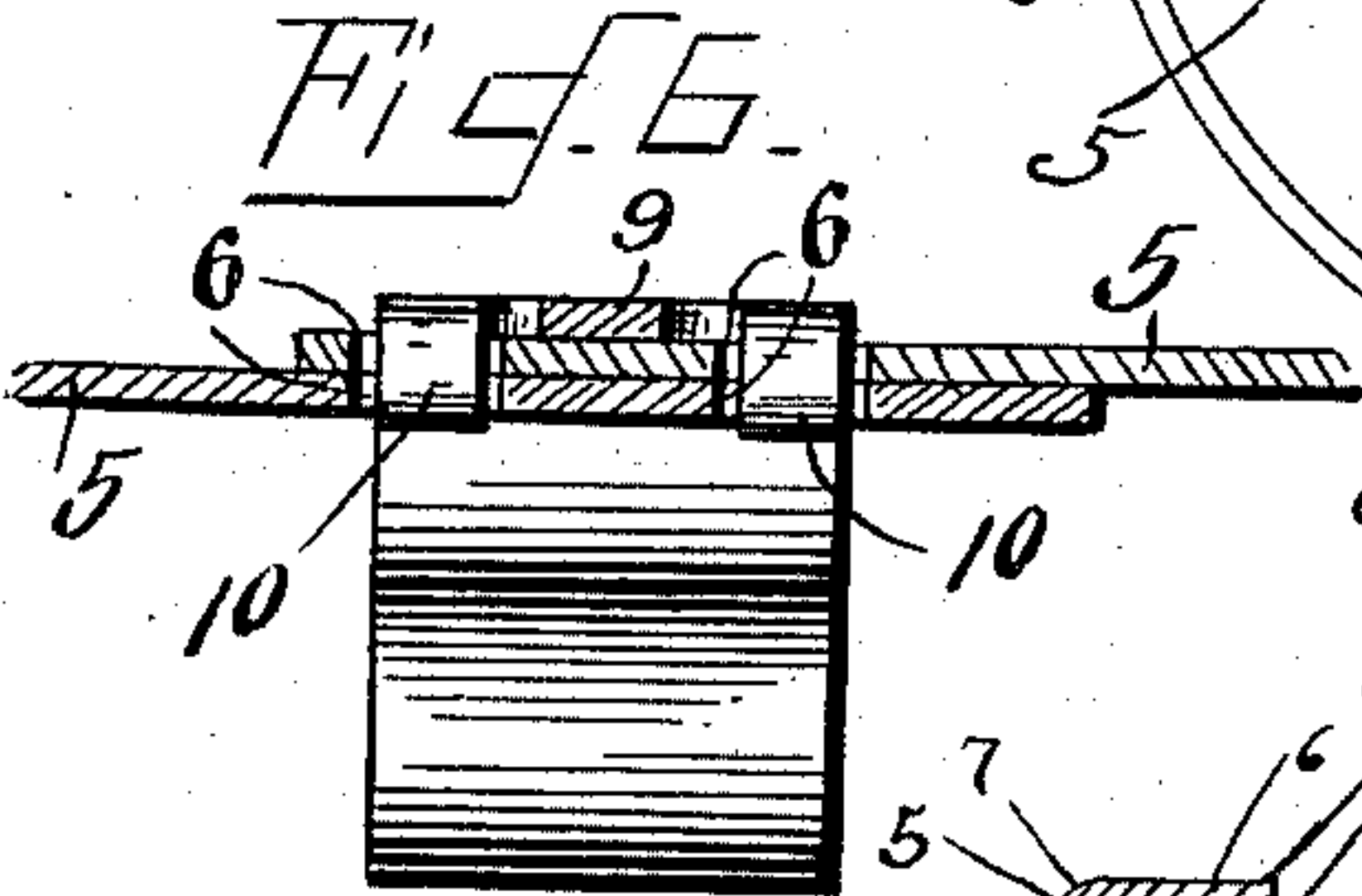


Fig-2-

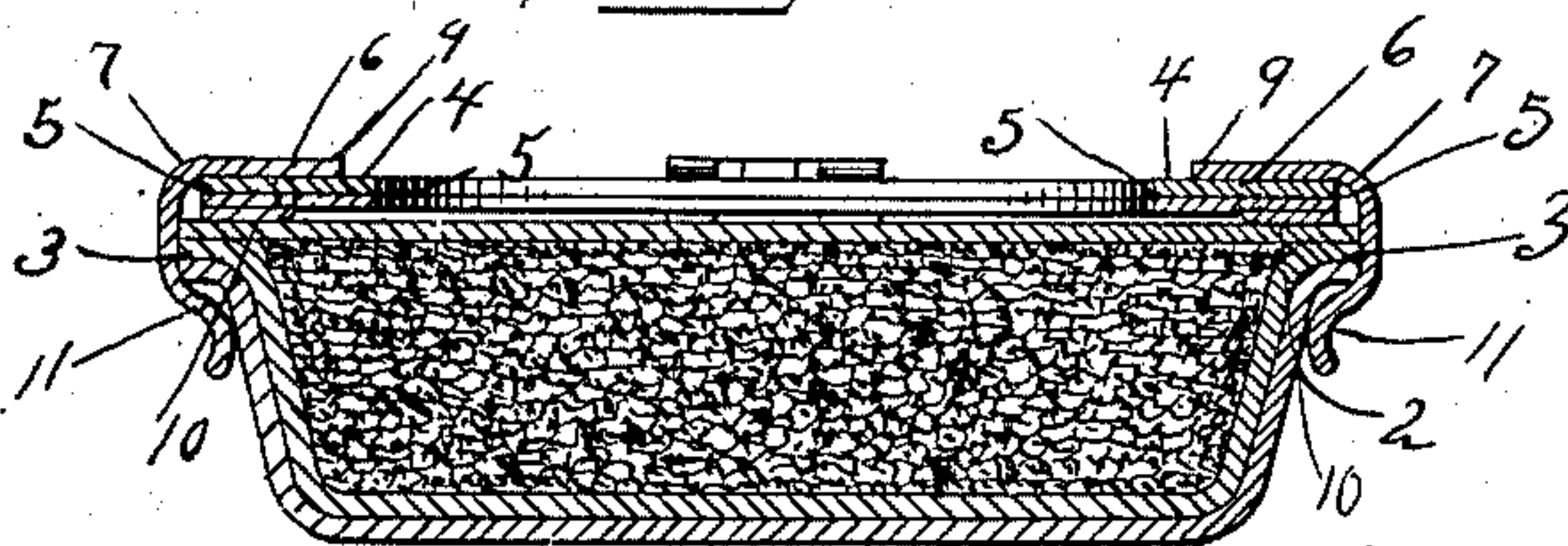


Fig-3-

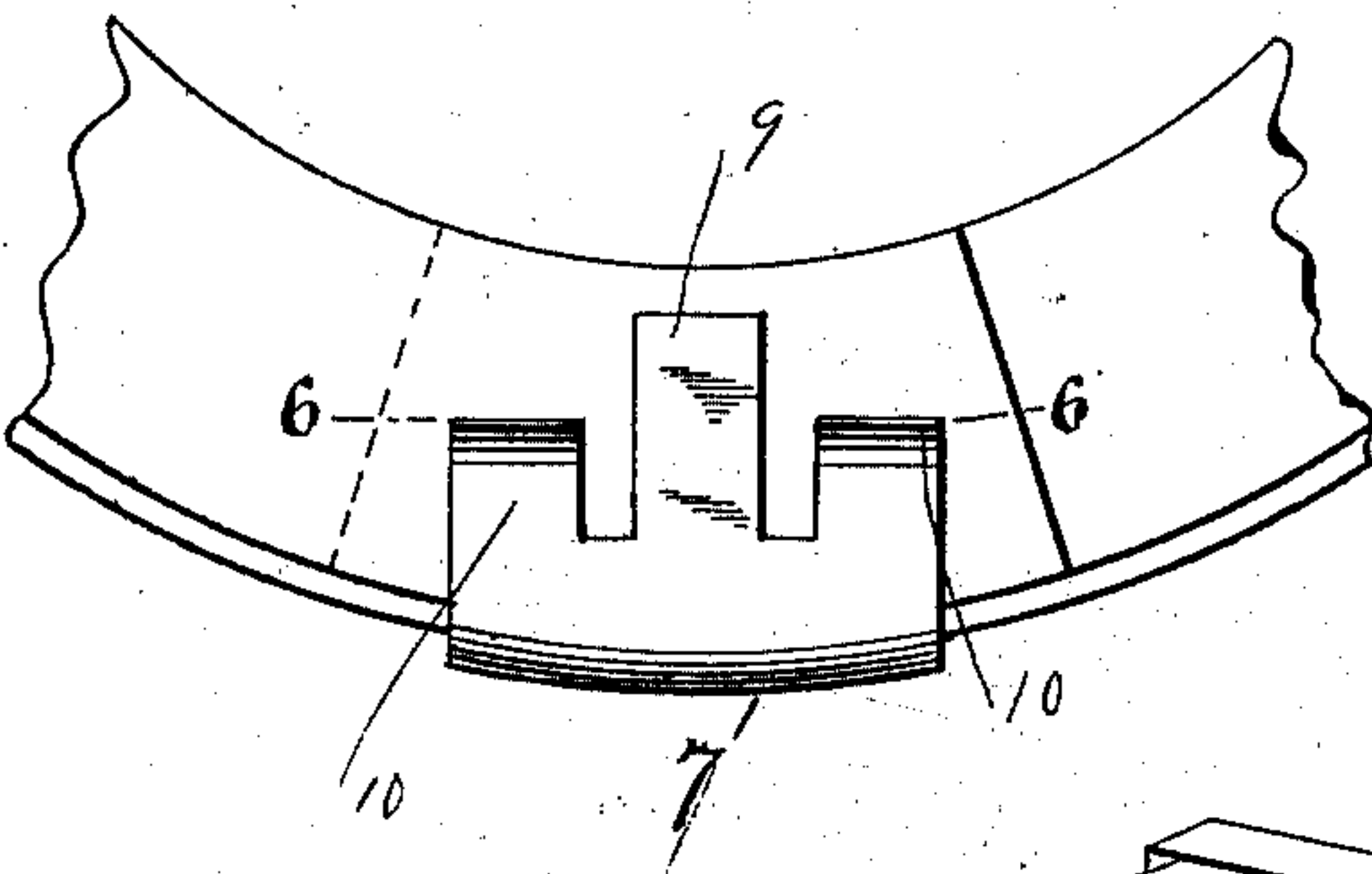


Fig-4-

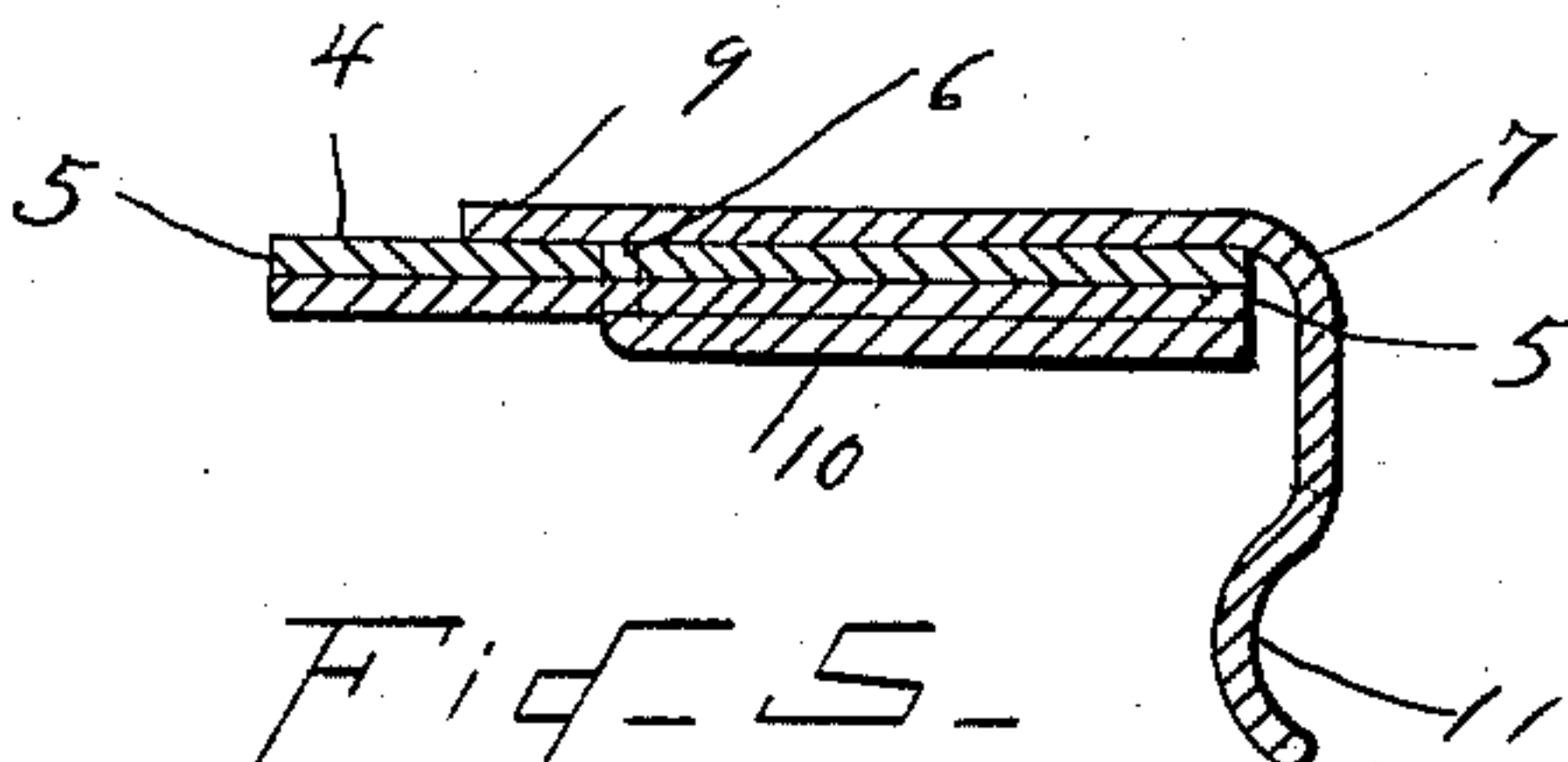
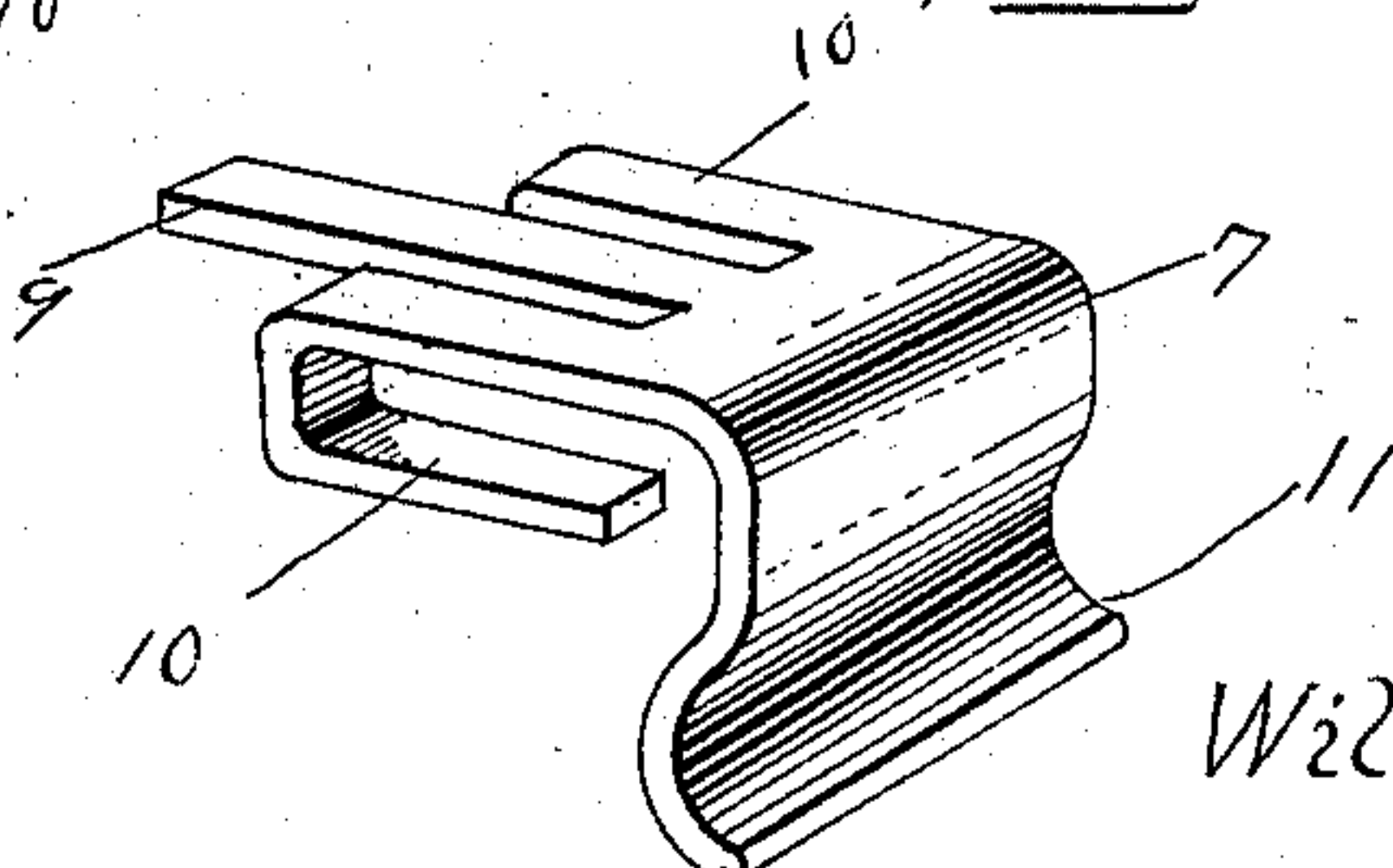


Fig-5-



Witnesses

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SUPPLEMENTAL PIE-PLATE RIM.

SPECIFICATION forming part of Letters Patent No. 748,151, dated December 29, 1903.

Application filed February 19, 1903. Serial No. 144,100. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. BANFILL, a citizen of the United States, residing at Ipswich, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Supplemental Pie-Plate Rims; and I do 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.

This invention relates to a detachable supplemental rim for pie-plates, and is designed to provide an auxiliary rim which when applied for use will prevent the juices from the pie-filling from running out between the edges of the upper and lower crusts and also prevent burning of the edges of the crust and vibration and separation of the upper crust from the lower crust.

The object of the invention is to provide a rim which will subserve these purposes and which is simple of construction, convenient in use, and inexpensive of production.

With this object in view the invention consists in certain novel features of construction, combination, and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a top plan view showing the application of the rim to a pie-plate. Fig. 2 is a vertical sectional view of the same. Fig. 3 is an enlarged detail plan view of the overlapping ends of two sections of the rim. Fig. 4 is a cross-section of the same. Fig. 5 is a detail view of one of the clasps, and Fig. 6 is a section on line 6 6 of Fig. 3.

Referring now more particularly to the drawings, the numeral 1 represents a pie-plate of ordinary form and construction, the sides 2 of which are provided with the outturned annular flange or rim 3.

In carrying my invention into practice I provide a supplemental rim 4 of ring-form and consisting, preferably, of a series of segmental strips 5 of sheet metal having their ends arranged to overlap and provided with slots or openings 6. The strips or sections 5 are adjustably or inadjustably connected, as desired, by means of fastenings 7, each consisting of a plate adapted to lie upon the up-

per surface thereof and slitted to form a central prong 9 and a pair of outer parallel prongs 10. The prong 9 lies upon the upper surface of the overlying or superposed end of the strip of two connecting-strips, while the prongs 10 are passed downward through pairs of registering slots 6 therein and bent at right angles to hook under the underlying end of the two connecting-strips and clenched against the same to hold the two strips securely connected. If it be desired to inadjustably connect the strips, a single pair of slots at each end of each strip will suffice; otherwise the slots may be multiplied to give the required extent of adjustment. By this construction it will be seen that the prongs 9 and 10 hold the connecting ends of the strips against relative movement in either direction and that by simply bending back the ends of the prongs 10 at right angles to the fastenings 8 the latter may be disengaged and where a series of slots are provided may upon adjusting the strip to bring other slots into register again be engaged therewith to lock the same in adjusted position to increase or decrease the size of the rim to suit different sizes of pie-pans. Each fastening 8 has a depending curved tongue 11, forming a spring locking member, which is adapted to snap over and under the rim 3 of the pan, and thus retain the supplemental rim in position thereon. By constructing the supplemental rim of segmental strips of metal waste of metal in the manufacture of the rim is reduced to the minimum and the supplemental rim is made readily adjustable to suit different sizes of pie-plates.

In practice after the pie crusts and filling have been placed in the pie-plate 1 and the edges of the upper and lower crusts have been brought together on the rim-flange 3 of the plate the supplemental rim 4 is applied to the same, so as to lie horizontally upon the edge of the top crust and hold the same in engagement with the edge of the lower crust. The application of the supplemental rim by downward pressure causes the locking-tongues 11 to snap under the rim 3, and to thus hold the supplemental rim 4 in operative position. When the supplemental rim is so applied, it will be apparent that the juices from the pie-plate will be prevented from running out,

the edges of the crust protected from burning before the body of the pie is baked, and the edge of the upper crust prevented from vibrating and separating from the edge of the lower crust.

The advantage of my improved construction of supplemental rim for pie-plates is that it may be cheaply manufactured, if desired, from waste scraps of sheet metal, is readily applied to and removed from the pan, may be adjustable to fit pans of different sizes, and is adapted to perform its function in an effective manner. When it is desired to remove the supplemental rim, the locking-tongues 11 are sprung out from the rim 3, whereupon the supplemental rim may be readily disengaged from the pie-plate.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of my invention will be readily apparent, it is thought, without requiring a more extended explanation.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

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

1. A supplemental rim for pie-plates and the like, comprising an opening formed of segments of sheet metal provided at their meeting ends with openings, and fastenings connecting the meeting ends of the segments and adapted to secure the supplemental rim to a pie-plate, each of said fastenings comprising a plate lying upon the upper surface of the rim and having a central prong and outer parallel prongs, the said central prong being upon the top of the rim, the outer parallel

prongs passing down through said openings and bent to lie against the under side of the rim, thereby connecting the sections together, said fastening also having an integral depending spring-tongue adapted to snap into locking engagement with the rim of the pie-plate to lock the supplemental plate thereto, substantially as described.

2. A supplemental rim for pie-plates and the like, comprising an open rim formed of segments of sheet metal, and spring-catches connecting the meeting ends of the segments and adapted to snap into engagement with the rim of the pie-plate to lock the supplemental rim in position upon the pie-plate, substantially as described.

3. A supplemental rim for pie-plates and the like, comprising an open ring formed of segments of sheet metal, and fastenings adjustably and detachably connecting the meeting ends of the segments and having spring-tongues to snap into and out of locking engagement with the rim edge of the pie-plate, substantially as described.

4. A supplemental rim for pie-plates and the like, comprising an open ring formed of segments of sheet metal provided at their meeting ends with openings, and fastenings having prongs passed through said openings and detachably and adjustably securing the segments together, said fastenings also having spring-tongues adapted to snap into and out of locking engagement with the rim edge of the pie-plate, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM A. BANFILL.

Witnesses:

FRED F. BYRON,
MICHAEL CALLAHAN.