

UNITED STATES PATENT OFFICE

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PIE-RACK.

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To all whom it may concern:

Be it known that I, WILLIAM H. MAYO, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Pie-Racks, of which the following is a specification.

The primary object of this invention is to provide a simpler, cheaper, more attractive, and more convenient pie-rack than has heretofore been known.

Another object is to provide a revoluble screened pie-rack which will not interpose any obstruction to the view of the customer who wishes to examine the screened pies before choosing the one to be purchased.

The accompanying drawings illustrate my invention.

Figure 1 is a perspective rear view of my pie-rack open. A pie is shown on one of the racks. Fig. 2 is a rear view with the rack closed. Fig. 3 is a front view of the rack closed. In Figs. 1, 2, and 3 portions of the screen are broken away. Fig. 4 is a fragmental vertical sectional detail on line 4 4, Fig. 5. Fig. 5 is a plan section on line 5 5, Fig. 1. Fig. 6 is a plan section on line 6 6, Fig. 2.

My newly-invented pie-rack comprises a case A, composed of a base a and a top a' , connected by two uprights a'' a''' , and a semicylindrical screen a^2 , extending between and fastened to the said uprights on one side of the case and leaving the other side open, as at a^3 , Fig. 1, a rotatable rack B fitted in the case and pivoted to the top and base thereof with pivots C C' and comprising a bottom piece b and a top piece b' , a plurality of uprights 1 2 3, connecting the bottom piece and the top piece, and a semicylindrical screen b^2 , extending around one side of the rack and leaving the other side of the rack open, as at b^3 in Fig. 1, a stop D being provided near one edge of the screen to engage the uprights of the case and means being provided on the uprights of the rack for supporting the pies in the rack.

Various forms of pie-supporting means may be provided; but in the form which I prefer and in which form three uprights 1 2 3 are provided for the rack I employ wire frames E, each having laterally-projecting arms e , which are set into the uprights 1 2 3 of the rotatable rack. By using three wires,

one of them longer than the other two, and bending its central portion out of line with its ends and bending the ends of the shorter wires out of line with the central portion and then twisting two ends of the shorter wires together and twisting the remaining end of each shorter wire with the respective ends of the longer wires a substantially-rectangular expanded central portion is formed with a doubled and twisted wire projecting from each of three of its corners into the uprights to support the pie, while the remaining corner is unsupported and projects beyond the edges of the case toward the open side of the rack, thereby forming an expanded and rigidly-supported frame without obstruction in the open side of the rack. The wire frames E are horizontal, and each frame has a portion e' projecting beyond the supports 1 3 of said frame and into the outer case, so that a perfectly-secure support is afforded for the pies.

The semicylindrical screen a^2 of the case is preferably fastened flush with the inside faces of the uprights of the case, and the wire screen b^2 of the rotatable rack is preferably flush with the outside faces of the rotatable rack-uprights 1, 2, and 3, and the screen of the rotatable rack is almost in engagement with the screen of the case, only sufficient space being left for clearance.

The base a is preferably circular, thus to afford a stable support for the device. In practice I prefer to make the top, top piece, and bottom piece circular also, as this gives to the case a symmetrical appearance and avoids any edges which shear past each other in the opening or closing of the case.

F indicates a washer placed between the base A and the bottom piece b to support the bottom piece of the rack. The pivot C' passes through the bottom piece and washer and seats in the base.

In practical use the case will be set upon the counter with the screen a^2 toward the front of the counter and the opening a^3 toward the back of the counter. The attendant will open the rack by rotating the rotatable rack B until the semicylindrical screen b^2 is contained within the case and the stop D engages the upright a''' . Then the pies are placed in position upon the shelf-frames E, and then the rotatable rack is turned to bring

the stop D against the upright a'' , as shown in Figs. 2 and 6. By the use of the shelves E different-sized pies may be placed in the rack, the frame of the shelves being at the axis of the rack. By providing a rotating rack inside a stationary screen it becomes possible to present to the customer a practically-unobstructed view of the screened pies. The uprights which support the shelves are always at the rear when the screens are closed. The central frames E of the shelves are made small enough to hold the smallest pies, while the space between the uprights of the rack is great enough to admit the largest pies. By this construction the rack can be filled with large pies, small pies, or both, indiscriminately. The wire shelves are set far enough apart to allow the customer to look between the pies to inspect the pies and are so slight that the view is practically unobstructed when the upper pies are removed.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A pie-rack comprising a stationary case composed of a base and top connected by two uprights, and a semicylindrical screen extending between and fastened to the said uprights on one side of the case and leaving the other side of the case open; a rotatable rack fitted in the case and pivoted to the top and base thereof to rotate in said stationary case, and with relation thereto, and comprising a bottom piece, a top piece, a plurality of uprights connecting the bottom piece and the top piece; a semicylindrical screen extending around one side of the rack and leaving the other side of the rack open, a stop being provided near one edge of the screen to engage the uprights of the case and means being provided on the up-

rights of the rotatable rack for supporting the pies.

2. The combination of the stationary case having a top and base united by uprights, with a semicylindrical screen fastened to the uprights substantially flush with the inner face thereof and inclosing one side of the case; a rotatable rack fitted in the case and pivoted to the top and base thereof to rotate in said stationary case, and with relation thereto, and comprising a bottom piece and a top piece, a plurality of uprights connecting the bottom piece and the top piece, and a semicylindrical screen extending around one side of the rack close to the semicylindrical screen of the case and leaving the other side of the rack open; and means being provided on the uprights of the rack for supporting pies.

3. In a pie-rack, the combination, with two semicylindrical cases, one pivotally secured within the other at its ends and each provided with a screen extending from end to end, and the inner case being provided with three uprights; of a series of open frames secured in the wire case, each frame comprising three wires, one of which is longer than the other two and has its central portion bent out of line from its ends, and each of the shorter wires having its ends bent out of line with its central portion, two of the ends of the shorter wires being twisted together and the remaining end of each shorter wire being twisted with the respective end of the longer wire, and said twisted portions extending to and engaging with the respective uprights.

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Witnesses:

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