O. L. PARTONNAR.

TURNTABLE RACK FOR OVENS.

APPLICATION FILED FEB. 6, 1920.

1,380,078. **Patented May 31, 1921.**

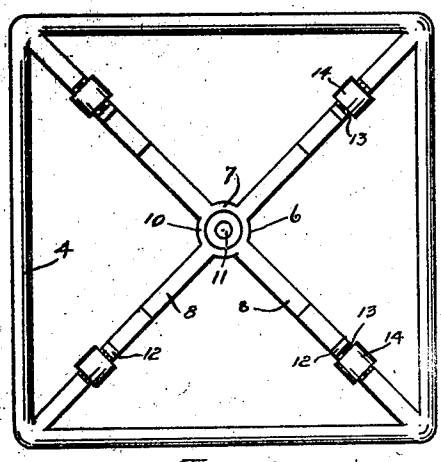


Fig. 1.

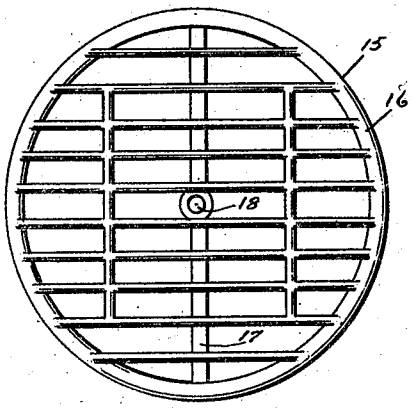


Fig. 2.

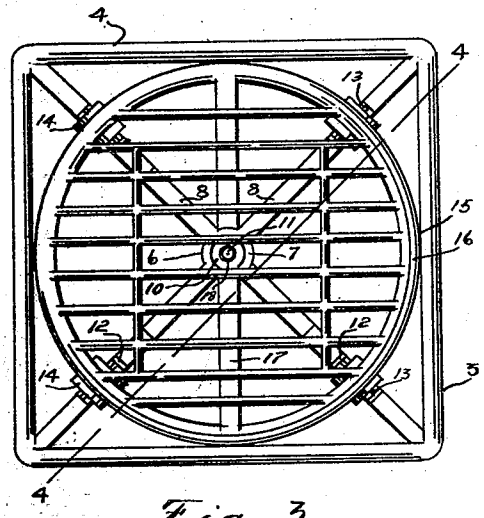


Fig. 3.

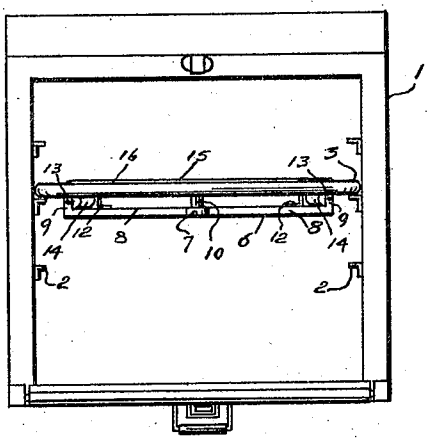


Fig. 5.

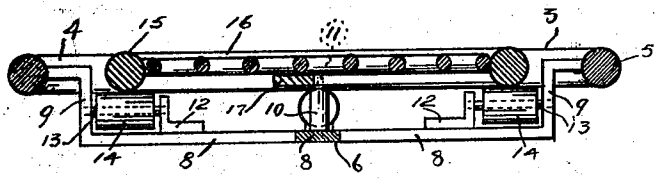


Fig. 4

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TURNTABLE-RACK FOR OVENS.

1,380,078. Specification of Letters Patent. Patented May 31, 1921.

Application filed February 6, 1920. Serial No. 356,806.

To all whom it may concern:

Be it known that I, ORA LEE PARTONNAR, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Turntable-Rack for Ovens, of which the following is a specification.

My invention relates to turntable racks for ovens and particularly to a device of this character forming the subject matter of a former application for patent filed by me on August 13, 1919, Serial No. 317,274.

The object of my invention is to improve and simplify the construction by the provision of a one piece turntable which is adapted for pivoting on the rack proper and by the provision of rollers on the rack arranged to permit the peripheral edge of the turntable to be carried thereon in the rotary movement of the latter thereby eliminating the necessity for a carriage and a track for the carriage.

I attain these objects and other advantages by means of the construction and combination of parts illustrated in the accompanying drawing in which—Figure 1, is a top plan view of the rack member proper constructed according to my invention; Fig. 2, is a top plan view of the turntable; Fig. 3, is a top plan view of the oven rack, and showing the turntable in operative position thereon; Fig. 4, is a vertical section of the complete oven rack on the line 4—4, in Fig. 3; Fig. 5, is a view of an oven, showing my invention in operative position therein.

Similar numerals of reference refer to corresponding parts throughout the several views.

The numeral 1, designates an oven which is provided with the customary oven lugs 2, to support racks or shelves. 3, is an oven rack constructed in accordance with my invention and comprises a substantially rectangular shaped skeleton frame 4, which is adapted for entering ovens and bearing on the oven lugs. The borders of the frame are preferably made of round metal, as shown at 5. A spider 6, is arranged within the borders of the frame and consists of a central portion 7, from which legs 8, are extended to the four corners of the frame, the outer end portions of the legs being turned up a distance suitable to form shoulders 9, and then extended therefrom in a parallel plane to a juncture with the corners of the frame. A vertically extending post 10, is mounted on the central portion 7, and its upper end is reduced circumferentially to form a pivot 11. Angle irons 12, are mounted on the upper sides of the legs 8, and spaced a little distance inwardly of the shoulders 9, and shafts 13, having rollers 14, idle thereon, are rigidly connected between the shoulders and angle irons. Although I show the shafts 13, rigid with both the shoulders and the angle irons, it is understood that either of them may be used to support the shafts without departing from my invention. A circular grated table 15, of suitable diameter adapted for overlying the rollers 14, is provided with a round edge 16, similar to the border 5, of the frame, and with a transverse brace 17, which is connected with the inner sides of the edge 16. A pivot hole 18, is apertured in the brace at the axial center of the table and is adapted for receiving loosely the pivot 11. The table 15, is mounted on the spider 6, by entering the pivot 11, in the pivot hole 18. The shoulder on the post 10, at the inner end of the pivot 11, and the peripheral edges of the rollers 14 lie substantially in the same plane, so that when the brace 17, is bearing on the shoulder on post 10, the lower side of the edge 16, of the table shall bear on the rollers 14.

When assembled together, the frame and the table form an oven rack with a turntable section, and which is portable and adapted for bearing on the oven lugs. In use the table may be turned with ease to change the articles carried by the table from one position to another in the oven. The edge of the table being constantly presented at the front of the oven the table may be moved around, more or less, by hand pressure, and without inserting the forearm into the oven, as is the practice with immobile racks when changing articles to and from the front and back of the heated oven. It is obvious that the construction included in my oven rack is adapted for providing a turntable for automobile garages and the like.

Having described my invention what I claim is—

In a turntable rack for ovens, the combination with the oven lugs, of a wire rim forming a square, a table supporting member mounted on said rim and disposed in a plane below the same, said member comprising a central body having thereon a vertical

stud terminating in a pivot and associated with the body a plurality of radially extending arms having their outer end portions uniformly upturned and then uniformly turned outwardly at right angles thereto and connected on said rim, the upturned portions of the arms being provided with inwardly projecting revoluble rollers, and a grating rotatably mounted on the pivot on said member and having a rim forming a circle and bearing on the rollers thereon.

Kansas City, Missouri, January 28th, 1920.

ORA LEE PARTONNAR.

Witnesses:
BATTLE MCCARDLE,
EVERETT L. MCKAY.