

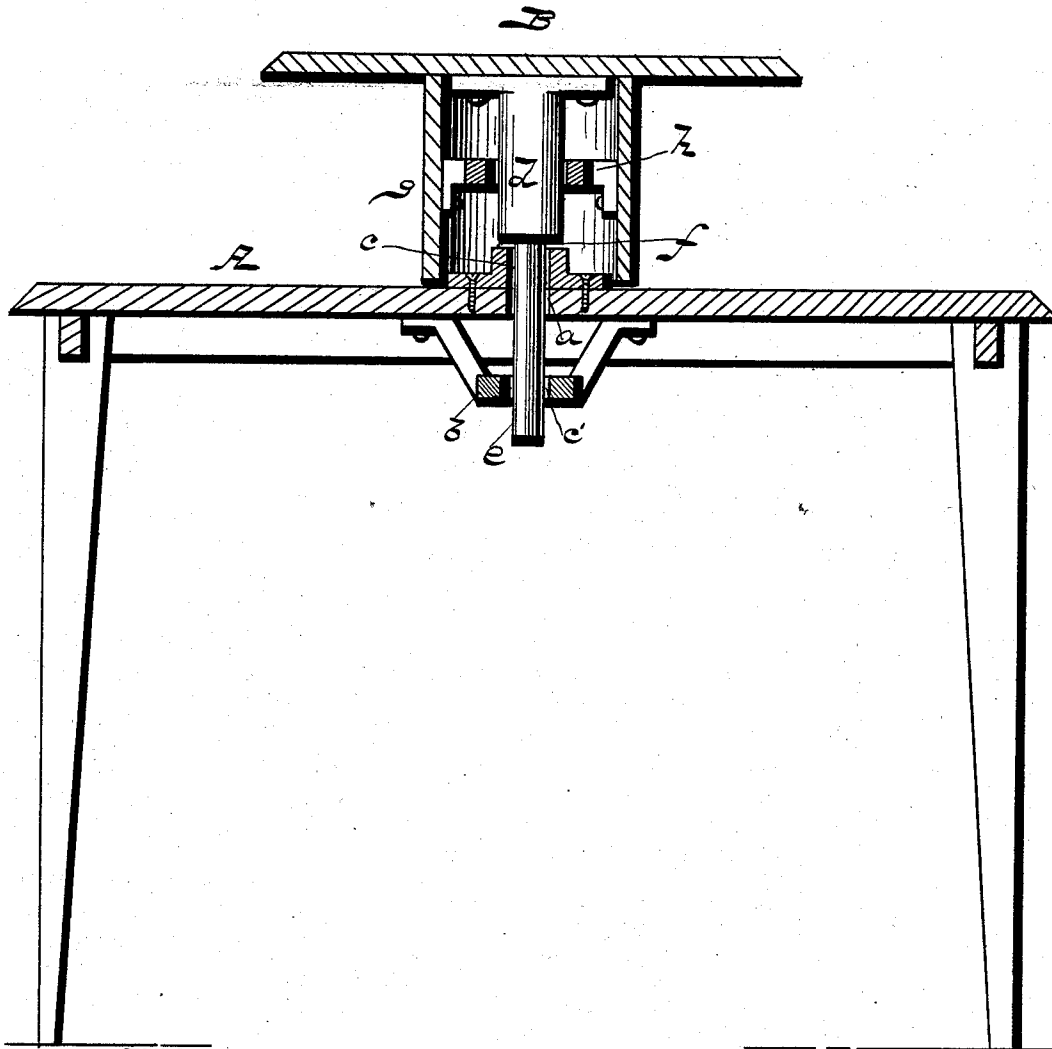
(No Model.)

W. M. KNOELLER.

REVOLVING WAITER FOR DINING TABLES.

No. 316,979.

Patented May 5, 1885.



WITNESSES

E. H. Bates
Rutledge Beale

INVENTOR.

W. M. Jeweller
J. F. Gilmore and Co.
his Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM M. KNOELLER, OF GREAT BEND VILLAGE, PENNSYLVANIA.

REVOLVING WAITER FOR DINING-TABLES.

SPECIFICATION forming part of Letters Patent No. 316,979, dated May 5, 1885.

Application filed February 2, 1885. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. KNOELLER, a citizen of the United States, residing at Great Bend Village, in the county of Susquehanna and State of Pennsylvania, have invented certain new and useful Improvements in Revolving Waiters for Dining-Tables, of which the following is a specification, reference being had to the accompanying drawing.

10 This invention has relation to improvements in revolving waiters for dining-tables; and it consists in the construction and novel arrangement of devices, as will be hereinafter fully described, and particularly pointed out in the
15 appended claim.

The annexed drawing, to which reference is made, fully illustrates my invention, in which the figure represents a vertical central section of a dining-table, showing my improved waiter
20 attached thereto.

Referring by letter to the accompanying drawing, A designates a table, which may be of any desired shape, but preferably circular, and it is provided with a central vertical perforation, *a*, which is surrounded both above
25 or on top of the table and below the same with metallic bearing-plates *b b'*, which are centrally perforated, as at *c c'*—that is, in a vertical plane with the perforation in the table.
30 These perforations are designed to receive a vertical rod, *d*, secured to the revolving waiter, hereinafter explained.

35 The lower bearing plate or bracket has its perforation smaller than the upper plate or bracket bearing, *h*, to receive the reduced end *e* of the vertical rod, the shoulder *f* of which rests upon the upper face thereof. This rod is secured to the center and under portion of

the revolving waiter B, and within a circular flange-bearing, *g*, which is secured to the under side of said waiter. Said rod is braced therein
40 by a bracket-bearing, *h*, which securely holds the rod in position.

It will be seen by the above description and by reference to the annexed drawing that persons sitting at the table can help themselves
45 from articles placed upon the revolving waiter by simply revolving the same until the desired article thereon is opposite the person; and the waiter has a double bearing, the deep flange
50 upon the top of the table at the same time preventing the waiter from tilting, and a lower bearing at the shoulder on the rod upon the upper bearing-plate; also, it will be observed
55 that the waiter can be readily detached from the table, if not desired for use, and as quickly replaced.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

60 The combination, with the table A, provided with the vertical perforation *a* and upper and lower brackets having perforations, of the revolving waiter B, provided with the rod *d* and flange *g*, said rod secured within
65 the same to the waiter and braced in position by the bracket *h*, and provided with the reduced end *e* and shoulder *f*, as shown and described.

In testimony whereof I affix my signature in
70 presence of two witnesses.

WILLIAM M. KNOELLER.

Witnesses:

B. E. SMITH,
H. N. HOLT.