

919,668.

A. WILLIAMS.  
VEGETABLE WASHER.  
APPLICATION FILED NOV. 9, 1907.

Patented Apr. 27, 1909.

2 SHEETS—SHEET 1.

Fig. 1.

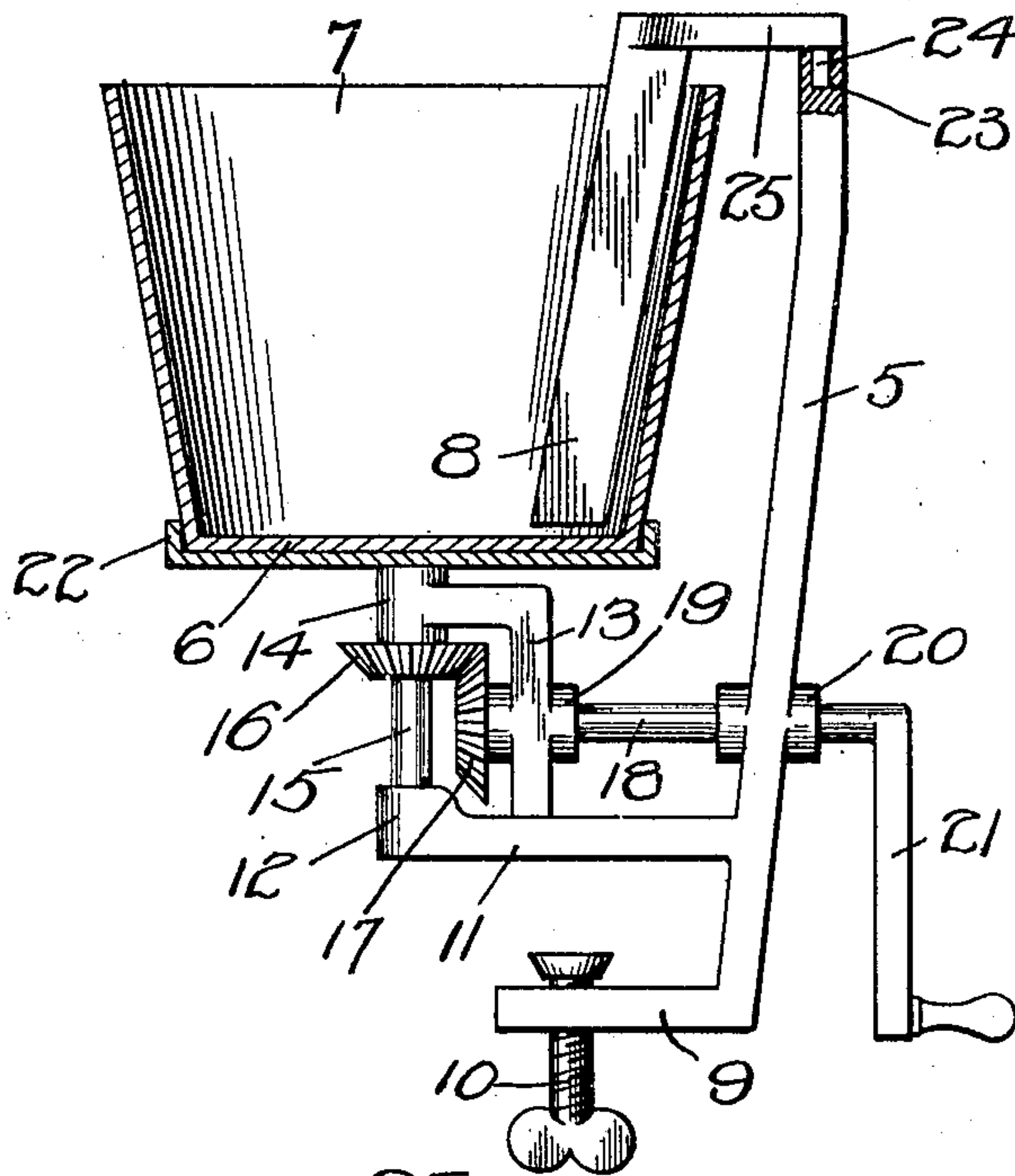
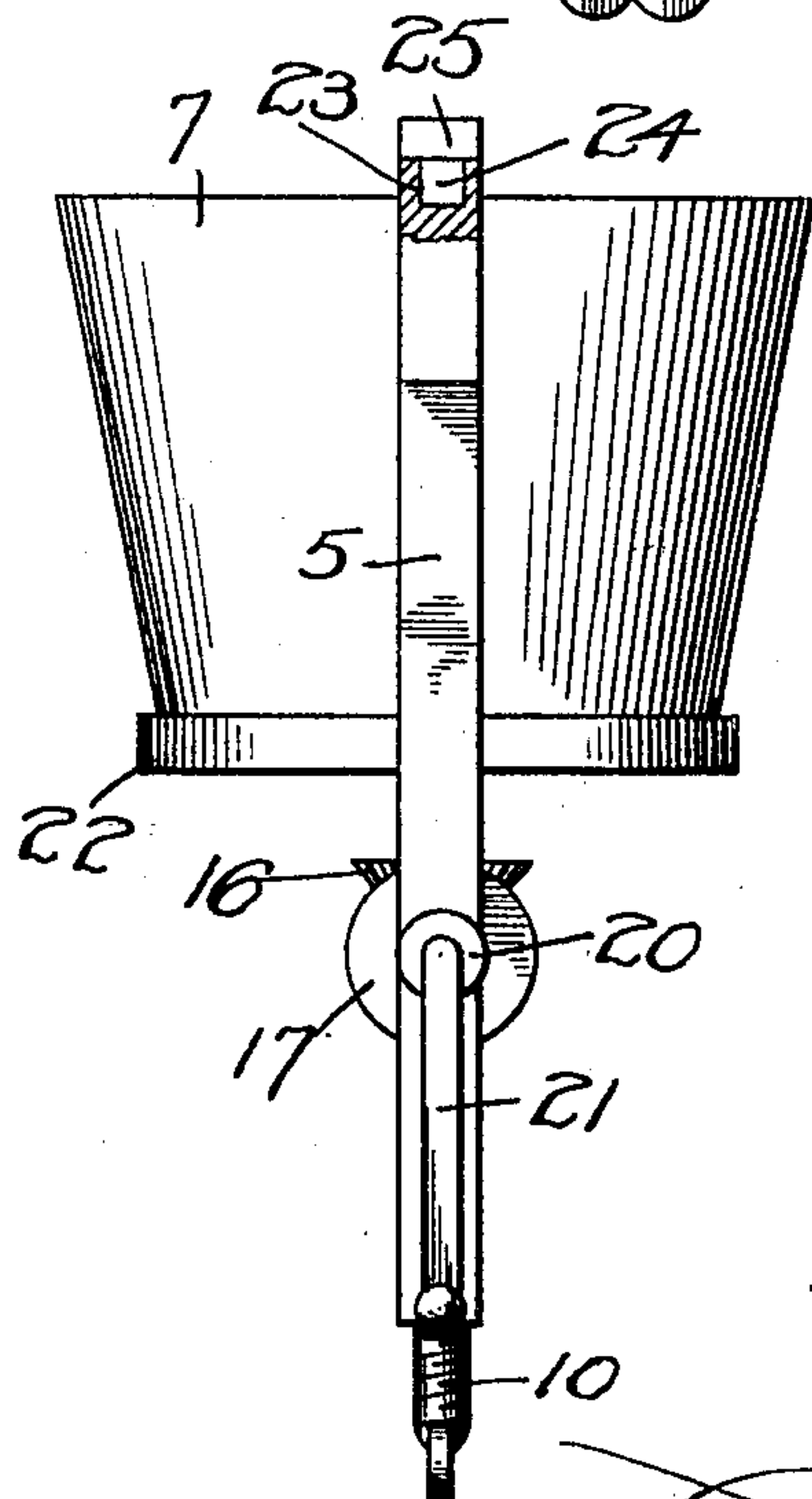


Fig. 2.



Witnesses  
J. E. Miller.  
E. J. Boehmer.

Inventor  
Archie Williams.

334  
Charles Chandler  
Attorneys.

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Fig. 3.

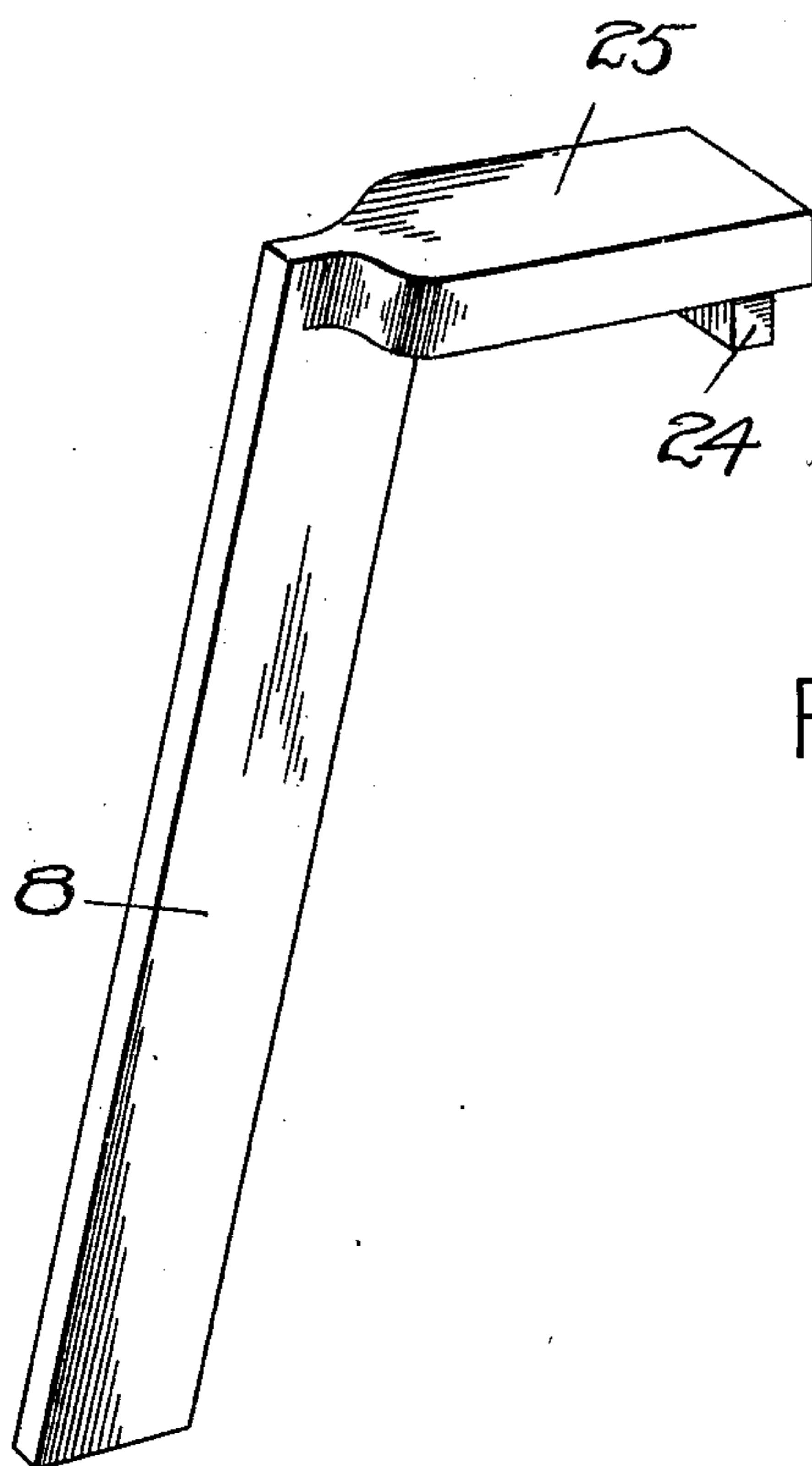
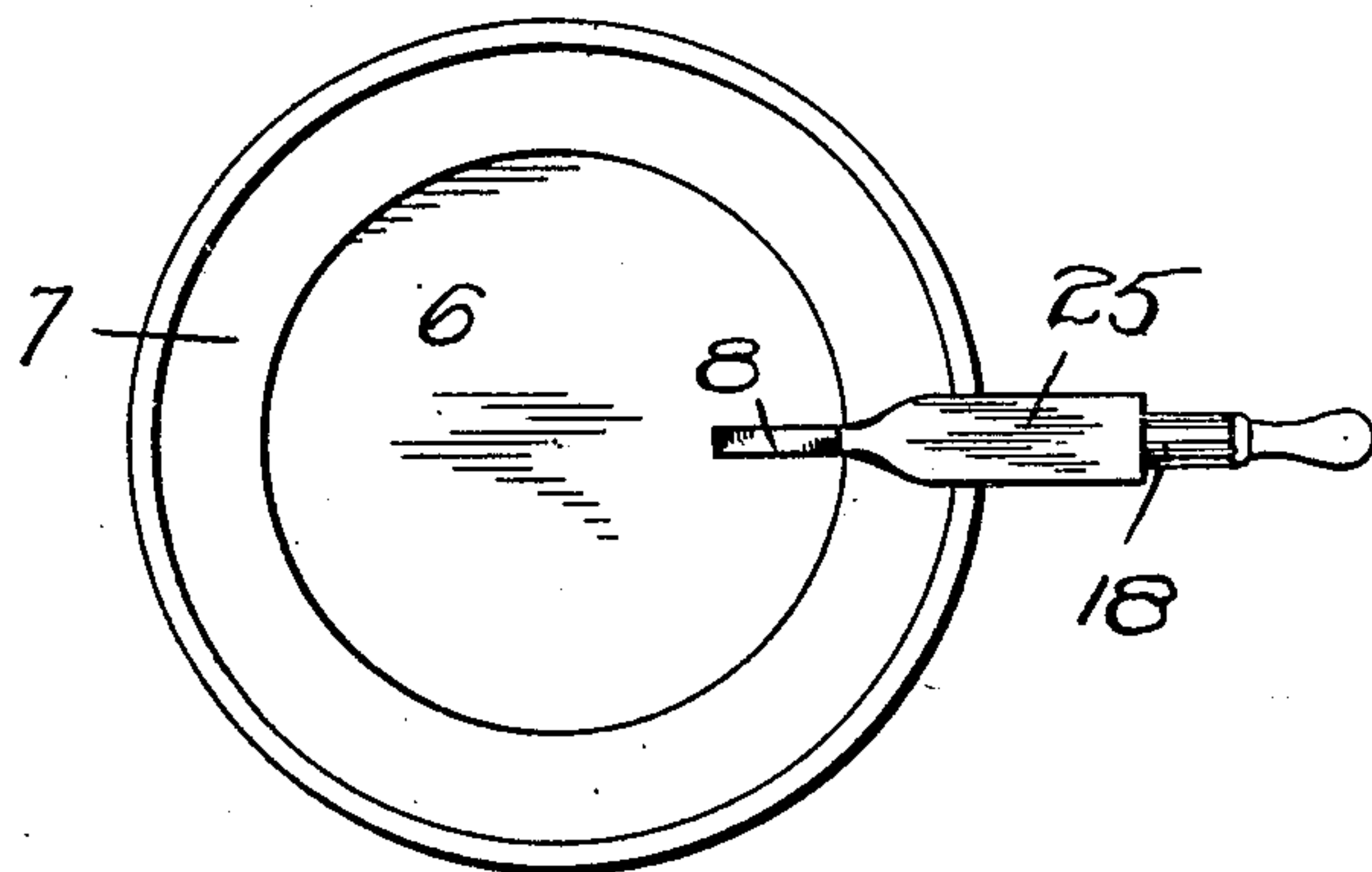


Fig. 4.

Witnesses

*John Miller.*  
*E. J. Boehmer*

Inventor

*Archie Williams.*

By

*Charles C. Chandler*

Attorneys.



# UNITED STATES PATENT OFFICE.

ARCHIE WILLIAMS, OF CAMBRIDGE, KANSAS.

## VEGETABLE-WASHER.

No. 919,668.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed November 9, 1907. Serial No. 401,509.

*To all whom it may concern:*

Be it known that I, ARCHIE WILLIAMS, a citizen of the United States, residing at Cambridge, in the county of Cowley, State of Kansas, have invented certain new and useful Improvements in Vegetable-Washers; and I do hereby 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.

The present invention has reference to vegetable washers, and it aims, generally, to provide an exceedingly simple, inexpensive, and efficient machine of that type including a rotatable receptacle, supporting devices therefor, and a stationary agitator adapted, when positioned, to extend into the receptacle, and removably connected with the support, to permit its detachment, when desired. More particularly, however, the invention resides in the employment of a support which carries not only the agitator but also the turntable upon which the receptacle rests and the mechanism for rotating the turntable and is further provided at its lower end with a clamp by means of which the machine as a whole may be attached to a table or the like.

The invention will be readily understood from a consideration of the following detailed description, and its preferred embodiment is illustrated in the accompanying drawings in which corresponding parts or features as the case may be, are designated by the same reference numerals in the several views.

Of the said drawings:—Figure 1 is a front elevation of the improved machine, the pan being shown in section to illustrate the position of the agitator with respect thereto. Fig. 2 is a view at right angles to Fig. 1. Fig. 3 is a plan view. Fig. 4 is an enlarged detail view of the agitator.

Referring more particularly to the drawings, 5 designates, generally, the supporting bracket, 6 the rotatable turntable on which the receptacle 7 is mounted, and 8 the agitator which extends into the receptacle.

The bracket 5 which is preferably formed, as an entirety, of a single metal rod, has its lower end bent laterally as indicated by the numeral 9 and is provided at such point with a clamp 10 adapted to be tightened against the under face of a table or similar support. Disposed directly above the bent end 9 of the bracket is a second horizontal arm 11

which is likewise integral with the bracket and has its free end enlarged and provided with a socket 12. Mounted upon this arm 11 is an L-shaped shaft bracket 13 the free end of the horizontal arm of which is provided with a bearing sleeve 14, the opening in which is disposed directly above the socket 12.

To the under face of the turntable 6 on which the receptacle 7 rests is secured a shaft 15 which extends through the sleeve 14 and has its lower end fitting in the socket 12. This shaft carries a pinion 16 which meshes with a pinion 17 secured to the forward end of the horizontal shaft 18 extending through bearing sleeves 19 and 20 formed, respectively, on the vertical arm of the bracket 13 and on the body of the bracket 5, the opposite end of said shaft being bent to provide a handle 21. Rotation of shaft 18 will thus effect the rotation of the turntable and, in consequence, of the receptacle 7 which is held in place upon the turntable by an upstanding flange 22 formed on the periphery thereof.

The upper end of the bracket 5 is provided with an inwardly directed socket 23 rectangular in cross section, which socket is adapted to receive a depending pin 24 formed upon the free end of a laterally-projecting arm 25 which is either secured to or formed upon the upper end of the agitator 8, according as preferred. The agitator 8, which is thus held stationary, is adapted to extend into the receptacle and has its inner longitudinal edge disposed approximately parallel with the inclined wall of the receptacle. The agitator extends inwardly toward the vertical axis of the receptacle and is preferably in the form of a flat rectangular plate, the upper end of which is provided with the arm 25 as above stated.

From the foregoing, it will be apparent that upon rotation of the drive shaft 18, the receptacle will be rotated and the vegetables with which the receptacle is filled given a complete agitation, due to the contact therewith of the agitator and thus subjected to a thorough and complete washing.

The agitator may be readily detached from the bracket 5 by reason of the disposition of its finger 24 within the socket 23, and the receptacle itself may likewise be removed from the turntable, as will be apparent.

The turntable may be in the form of a circular plate or may be merely a spider, in

which latter instance the outer end of each of the several arms thereof is upbent to form the retaining flange.

What is claimed is:—

- 5 A vegetable washer comprising a vegetable receptacle, means for rotating said receptacle upon its axis, and a blade radially disposed within the receptacle with a longitudinal edge in close parallel relation to the  
10 wall of the receptacle and an end edge close to the bottom and radial to the receptacle,

the extension of the blade radially of the receptacle being sufficient to insure against free movement of contacting vegetables with the motion of the receptacle.

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

ARCHIE WILLIAMS.

Witnesses:

H. F. HICKS,  
J. J. BENJAMIN.