No. 786,402. PATENTED APR. 4, 1905.

A. R. BEAL.

ATTACHMENT FOR DISH CLEANING TABLES.

APPLICATION FILED JUNE 28, 1904.

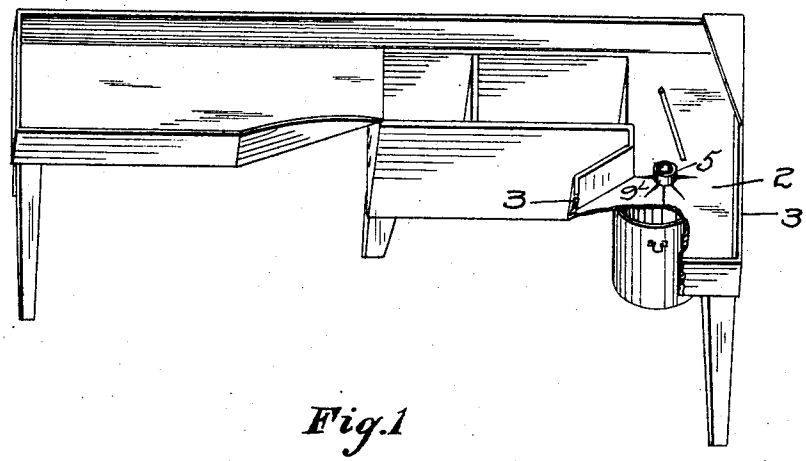


Fig. 1

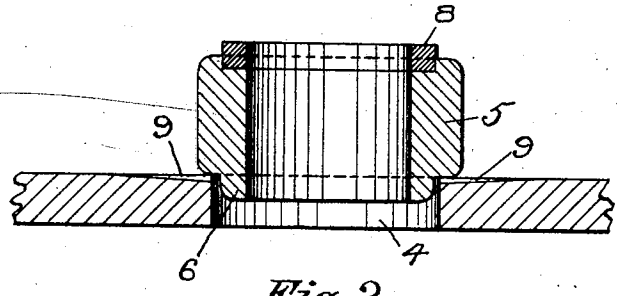


Fig. 2

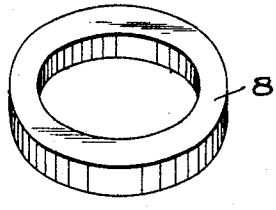


Fig. 5

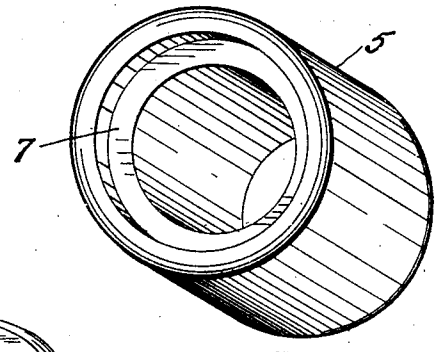


Fig. 4

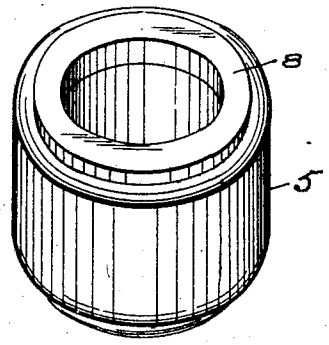


Fig. 3

Witnesses
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No. 786,402. Patented April 4, 1905.

UNITED STATES PATENT OFFICE.

ALPHA R. BEAL, OF ROCHESTER, NEW YORK.

ATTACHMENT FOR DISH-CLEANING TABLES.

SPECIFICATION forming part of Letters Patent No. 786,402, dated April 4, 1905.

Application filed June 28, 1904. Serial No. 214,471.

To all whom it may concern:

Be it known that I, ALPHA R. BEAL, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Attachments for Dish-Cleaning Tables, of which the following is a specification, reference being had therein to the accompanying drawings.

Dish-cleaning tables used in hotels, restaurants, and other places where a large number of dishes are cleaned are in many instances formed with bottom openings through which the scrapings may be dropped into a garbage-can or other receptacle placed beneath the table. Bare openings of this character are objectionable for the reason that small dishes and silverware are liable to drop therethrough and be lost. The quickest and most convenient way of clearing plates and other dishes of refuse matter is to knock them against the bottom of the table while held edgewise over the scrap-hole, so that the scrapings will readily slide therefrom. When the bottom of the table cannot be reached for this operation, owing to dishes having become piled around the opening, the operation is greatly retarded.

The object of the present invention is to overcome these objections by providing a vertically-open shield, which is removably positioned at the opening and forms an upright extension thereof. Small dishes and silverware are thus prevented from slipping through the opening, and even though the dishes are piled on the table around the opening plates and other articles may be knocked against the upper end of the shield and the refuse caused to drop therethrough.

In the accompanying drawings, Figure 1 is a perspective view of a dish-cleaning table provided with my improved attachment, a portion of the table being broken away to show the garbage-receptacle positioned therebeneath. Fig. 2 is a vertical sectional view of the attachment shown in connection with a portion of the table-bottom. Figs. 3 and 4 are detail views of the attachment, and Fig. 5 is a similar view of the cushioning-ring carried thereby.

Referring to the drawings, 2 designates the bottom of the dish-cleaning table, which may be of any desired size and shape, having, preferably, a raised rim or edge 3 and formed at a convenient point with the bottom opening 4.

The improved attachment consists of a vertically-open shield, here shown embodied in a tubular block 5, formed, preferably, of wood and somewhat larger exteriorly than opening 4, so as to rest thereover on the top surface of the table. The lower end of the block is reduced at 6 to depend into and loosely fit the opening for holding it in proper position.

In the preferred adaptation of the invention the upper end of shield or block 5 is recessed at 7 to receive rubber ring 8, which projects slightly above the block and forms a cushion against which the dishes are knocked, as above described, without injury thereto. The surface of the table may be scored radially from opening 4, as indicated at 9, so that water may drain from the surface thereof through the opening when the shield is in position.

With a dish-cleaning table thus equipped it is impossible for small dishes and articles of silver to pass from the surface of the table into the scraping-opening, and, furthermore, dishes may be piled in close proximity to the opening without obstructing the shield and retarding the scraping operation. The shield or block loosely fits the opening and may be readily removed when not required, leaving the surface of the table unobstructed, so that refuse collected thereon may be washed or pushed through the opening into the receptacle below.

By the term "shield" or "tubular block," designating the body of the improved attachment, I do not confine myself to the construction here shown, as the same may be variously embodied and formed of one piece or more than one without departing from the spirit of the invention. The size of the table and shield may vary as circumstances may require, and it is obvious that the position of the shield with relation to the table-opening may be variously maintained, and while I prefer to provide a cushion at the upper end of the attachment the invention is not restricted thereto.

I claim—

1. As an article of manufacture, a vertically-open shield adapted to coöperate with

the scraping-opening of a dish-cleaning table, and a cushion carried by the upper end of the shield.

2. As an article of manufacture, a vertically-open shield adapted to coöperate with the scraping-opening of a dish-cleaning table, and a cushioning-ring at the upper end of the shield.

3. As an article of manufacture, a tubular block adapted to coöperate with the scraping-opening of a dish-cleaning table, the upper end of the block being recessed, and a cushion fitting the recess and projecting above the upper extremity of the block.

4. The combination of a dish-cleaning table having a scraping-opening, a vertically-open shield rising from the table above said opening, and a cushion carried by the upper end of the shield.

5. The combination of a table having a scraping-opening, a tubular block having its lower end reduced to enter the opening, the upper end of the block being recessed, and a cushion secured in said recess.

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

ALPHA R. BEAL.

Witnesses:

E. L. SCHLOTTMAN,

GEORGE C. LOWE.