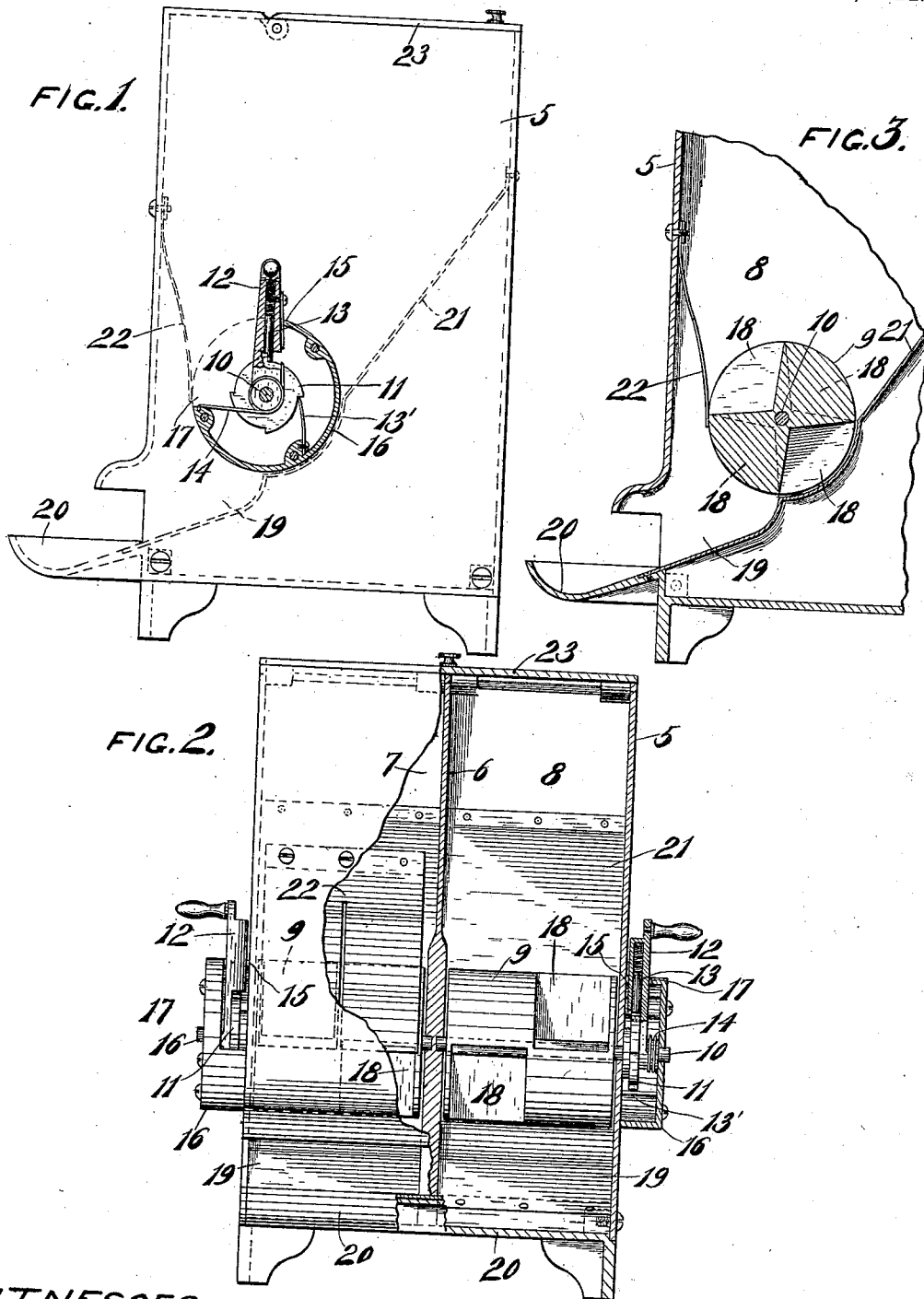


F. HAERTER & F. H. KUNKEL.
 SANITARY LUNCH RECEPTACLE.
 APPLICATION FILED DEC. 16, 1909.

980,941.

Patented Jan. 10, 1911.



WITNESSES.

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FREDERICK HAERTER AND FREDERICK H. KUNKEL, OF MILWAUKEE, WISCONSIN.

SANITARY LUNCH-RECEPTACLE.

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Specification of Letters Patent. Patented Jan. 10, 1911.

Application filed December 16, 1909. Serial No. 533,378.

To all whom it may concern:

Be it known that we, FREDERICK HAERTER and FREDERICK H. KUNKEL, residing in Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Sanitary Lunch-Receptacles, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to improvements in sanitary lunch receptacles particularly adapted for use in saloons and other places where lunches are served and is arranged to hold a supply of crackers in one compartment and pieces of cheese in the other and when the operating handles are turned, one cracker and one piece of cheese will be deposited in the receiving receptacle for convenient removal.

One of the objects of this invention is to provide a lunch receptacle in which the particles of food are kept in a closed receptacle free from dust and are mechanically removable therefrom, one piece at a time, without the hands coming in contact with the pieces remaining in the receptacle.

A further object of this invention is to provide a lunch receptacle in which the particles of food are mechanically removed from the receptacle without liability of breaking the same.

With the above, and other objects in view, the invention consists of the lunch receptacle and its parts and combinations as herein claimed and all equivalents thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views: Figure 1 is a side elevation of the lunch receptacle, a portion of the operating handle and guard being shown in section; Fig. 2 is a front elevation thereof, parts broken away and other parts in section; and, Fig. 3 is a vertical sectional view of a fragment of the lunch receptacle.

Referring to the drawing the numeral 5 indicates the receptacle which is of rectangular form and vertically, medially divided by a partition 6 to form two like compartments, 7 and 8, adapted to hold crackers and pieces of cheese respectively. As both compartments are similar in size and shape and are provided with similar means for independently discharging the particles of food

therefrom the same description and reference characters will apply to both.

Revoluble drums 9 extend transversely across each compartment and are rigidly mounted on shafts 10 which have their inner ends supported in the medial partition 6 and their outer ends extending through the side walls of the receptacle. The outer ends of the shafts are provided with ratchet wheels 11 rigidly fastened thereto and with operating handles 12 loosely mounted thereon. The handles are provided with spring actuated pawls 13 which are positioned to engage the teeth of the ratchet wheels and also with torsion retrieving springs 14 which hold the handles in normal vertical position against the stop shoulders 15 formed on the ratchet wheel covers 16. Stop springs or pawls 13' serve to prevent retrograde movement of the ratchet wheels and drums. The upper ends of the torsion springs are fastened to the side edges of the handles and the other ends engage the stationary ratchet wheel covers 16. The handles extend through elongated openings 17 provided between the covers and the receptacles and the shoulders forming the ends of the elongated openings limit the movement of the handles to one quarter of a revolution.

Each drum is provided with pockets or recesses 18 positioned in pairs diametrically opposite each other and each pair positioned at right angles with relation to the adjacent pair, so that circumferentially the pockets are staggered with relation to each other.

The ratchet wheels are provided with four teeth corresponding with the number of pockets of each drum and are so positioned with relation to the pockets that when the handles are turned downwardly to the limit of their movements the drums will be rotated a quarter of a revolution and discharge the contents of one of the pockets of each drum into the discharge chutes 19 of the receptacles and from the chutes the food will drop by gravity into the projecting holders 20 for convenient removal by the patron.

The bottom portions 21 of the compartments extend downwardly at an incline from the rear wall of the receptacle to the drums and closely follow the contour of the drums for a quarter turn and then extend downwardly at an incline to the projecting holders in order to guide the food in the

compartments into the pockets of the drums and from the pockets into the projecting holders.

In order to prevent the particles of food from becoming injured or broken in passing from the compartments to the chutes yielding members or plates 22 are fastened to the front wall of the receptacle and depend downwardly at an angle therefrom and press against the front portions of the drum to permit particles of food within the pockets which may project beyond the peripheries of the drums to freely pass by the yielding members without injury. The receptacle is provided with a hinged cover 23 covering the upper open end of the receptacle for convenience in filling the same.

Assuming that the lunch receptacles has been filled with crackers and pieces of cheese and a patron desires to partake of same it is only necessary to pull both handles forwardly and downwardly and a piece of cheese and a cracker will be deposited in the projecting holders to be removed by the patron. The movements of the handles will cause the pawls carried thereby to engage and turn the ratchet wheels and shafts and drums connected thereto a quarter of a revolution so that one pocket of each drum which registered with its respective compartment will move into register with its respective discharge chute and the particles of food contained in said pockets will be discharged into the chutes where it will drop down into the projecting holders. When the handles are released the retrieving springs will turn them back to normal vertical position to be again operated when desired. The stop springs will prevent retrograde movement of the drums when the handles are retrieved.

From the foregoing description it will be seen that the device is very simple in construction and operation and that the hands of the patrons only come in contact with the particles of food they personally remove from the receptacle.

What we claim as our invention is—

1. A lunch receptacle, comprising a receptacle provided with a discharge opening, a shaft journaled in the receptacle, a drum rigidly mounted on the shaft and provided

with a plurality of pockets positioned to be moved into register with the discharge opening of the receptacle, a member connected to the receptacle and bearing yieldingly against the periphery of the drum to permit articles in the pockets and which extend beyond the periphery of the drum to pass by the member without breaking, a ratchet wheel mounted fast on the shaft, an operating handle loosely mounted on the shaft and having a tubular portion extending over the periphery of the ratchet wheel, a spring pressed pawl slidably positioned within the tubular portion and in engagement with the teeth of the ratchet wheel for rotating the shaft and drum to move the pockets successively into engagement with the discharge opening, means for retrieving the operating handle, and means for limiting the movement of the said handle.

2. A lunch receptacle, comprising a receptacle provided with a discharge opening, a shaft journaled in the receptacle, a drum mounted on the shaft and provided with a plurality of pockets staggered circumferentially with relation to each other and positioned to be moved successively into register with the discharge opening of the receptacle, a member connected to the receptacle and bearing yieldingly against the periphery of the drum to permit articles in the pockets and which extend beyond the periphery of the drum to pass by the member without breaking, a ratchet wheel connected to the drum, an operating handle loosely mounted adjacent to the ratchet wheel, a spring pressed pawl carried by the handle and in engagement with the teeth of the ratchet wheel for rotating the drum to move the pockets successively into register with the discharge opening, a spring for retrieving the operating handle, and stop shoulders for limiting the movement of the handle.

In testimony whereof, we affix our signatures, in presence of two witnesses.

FREDERICK HAERTER.
FREDERICK H. KUNKEL.

Witnesses:

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