Oct. 29, 1929. E. BURKE 1,733,577

KITCHENETTE

Filed July 11, 1927

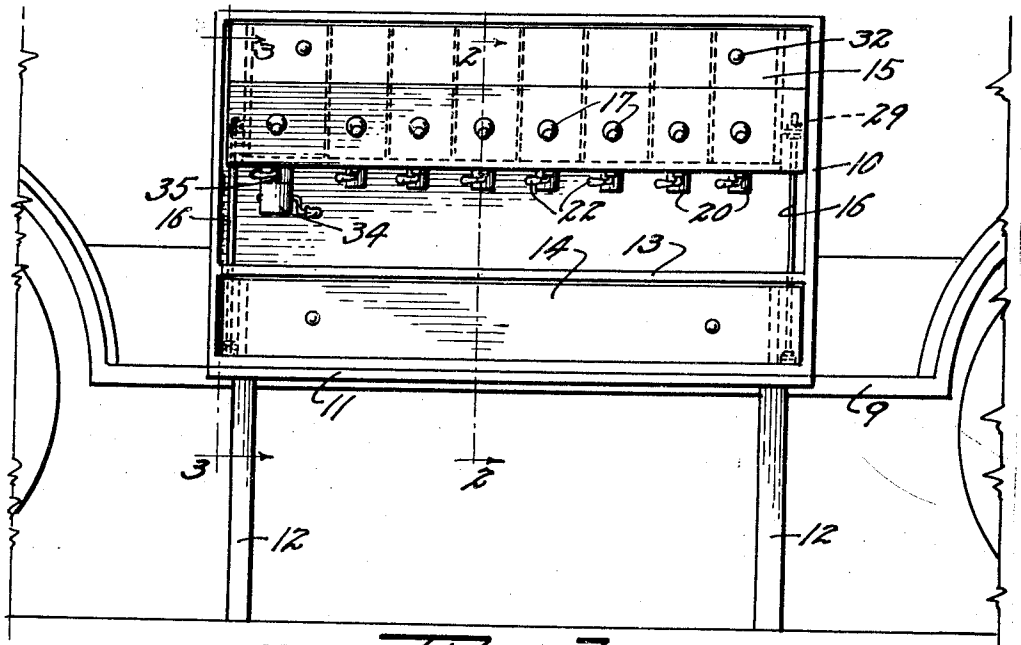


Fig 1

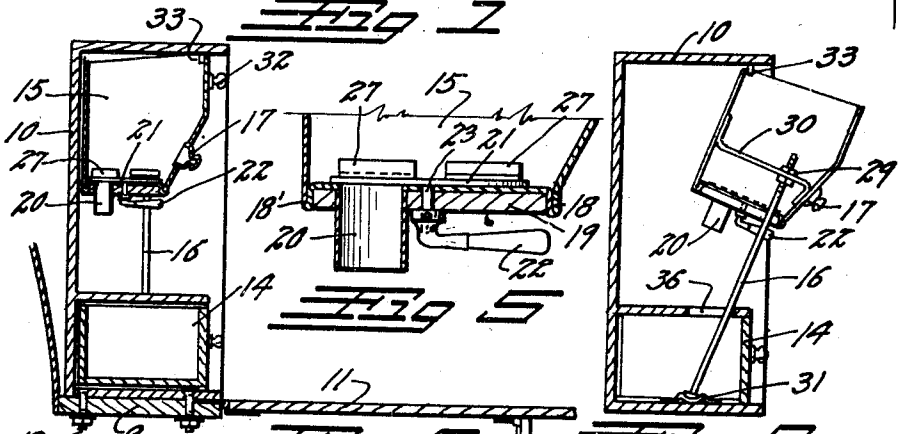


Fig 2

Fig 5

Fig 3

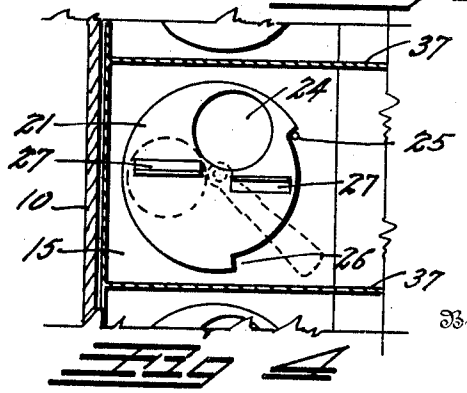


Fig 4

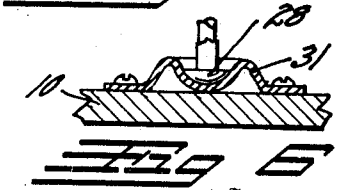


Fig 6

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1,733,577

UNITED STATES PATENT OFFICE

EDWIN BURKE, OF DENVER, COLORADO, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO MAXWELL-BURKE INCORPORATED, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS

KITCHENETTE

Application filed July 11, 1927. Serial No. 204,814.

This invention relates to what might be termed a kitchenette, that is, a device for carrying culinary articles, tableware, provisions, etc., which may be attached to and carried on the running board of an automobile. The principal object of the invention is to provide an article of this character which will have a series of bins for containing different provisions, from which, the supplies can be easily and quickly dispensed by means of valves.

Another object of the invention is to so construct the bin portion of the article that the bins may be quickly and easily refilled, examined, or cleaned.

A further object of the invention is to provide an adjustment for the bin portion of the device, by means of which, it can be brought into perfect alignment with the container so as to insure a dust-tight joint.

A still further object is to provide the dispensing apparatus in the bins with agitators which will serve to loosen the contained materials and prevent them from becoming packed, and also to provide visible indications as to what the bin contains and the nature of the contents.

Other objects and advantages reside in the detail construction of the invention, which is designed for economy, simplicity and efficiency. These will become more apparent from the following description.

In the following detailed description of the invention, reference is had to the accompanying drawing, which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:

Fig. 1 is a side elevation of my improved camper's kitchenette in place on the running board of an automobile, in the open, ready-to-use position.

Fig. 2 is a vertical cross section taken on the line 2—2, Fig. 1.

Fig. 3 is a similar section, taken on the line 3—3, Fig. 1.

Fig. 4 is a detail horizontal section through a bin, looking toward the bottom thereof.

Fig. 5 is an enlarged detail section through the bottom of a bin.

Fig. 6 is a detail view illustrating the socket for supporting the adjusting rods of the bin section.

The invention comprises a housing 10 closed at its forward face by means of a hinged lid 11 which, when opened, rests upon hinged legs 12, forming a table. The housing 10 is adapted to be secured to the running board of an automobile, illustrated at 9, by means of bolts (see 12, Fig. 2), clamps, or other suitable fastening devices.

Near the bottom of the housing 10 a shelf 13 is arranged, below which a drawer 14 slides. In the upper part of the housing 10, a bin section 15 is carried on supporting rods 16. The bin section 15 contains a series of individual bins separated by partitions 37. A glass cup 17, similar to the ordinary coffee percolator tops, is arranged in the front wall of each bin. The material in the bins will fill this cup so as to indicate the nature of the contents of the bin.

The bin section 15 is formed of a sheet of metal which extends first downwardly, then inwardly at an angle, terminating at the front in a bent back bead 18 from whence it extends horizontally, forming the floor of the bin, to a similar bead 18′, thence upwardly forming the back of the bins. Between the beads 18 and 18′, a wooden bottom 19 is placed to act as a stiffener for the bottom of the bin section 15. Through the bottom of each bin, a tube 20 projects. The flow of the material from the bin through the tube 20 is controlled by means of a disc valve 21 which is operated by means of a handle 22 secured to a downwardly projecting concentric shaft 23 carried by the disc valve.

The shaft 23 passes through the entire

bottom of the bin so as to place the handles 22 in alignment along the bottom of the bin section 15. Each of the disc valves is provided with an opening 24 arranged to register, when in one position, with the tube 20 and, when in another position, such as shown in Fig. 4, to close the tube 20. The movement of the valve between the above positions is limited by means of a stop 25 inset in a notch 26 in the disc valve 21. The stop 25 is secured upon the inner surface of the base or bottom plate of the bin section 15.

Each disc valve carries upwardly projecting, angular agitators 27 which agitate and loosen the material in the bin and work it toward the tube 20 when the valve 21 is operated.

One of the supporting rods 16 is arranged at each extremity of the bin section 15 beyond the end partition therein. These supporting rods are preferably constructed similar to a carriage bolt, that is, with a semicircular head 28 on one extremity and threads on the opposite extremity. Each of the rods 16 is attached to the bin section 15 by means of lock nuts 29 threaded onto the rod and arranged to clamp a cross member 30 between them. The cross members extend from front to back of the bin section at each extremity thereof. The rods 16 pass through holes in the cross members 30 and through slotted openings 36 in the shelf 13. The heads 28 rest in socket members 31 secured to the floor of the housing 10 beyond each end of the drawer 14. The drawer is shortened to allow the rods and socket members to be placed at its extremities, as shown in broken line in Fig. 1.

When it is desired to gain access to the bin section 15, it is drawn forwardly by means of suitable handles 32 until its rear wall engages a stop 33 as shown in Fig. 3. The bin section may then be easily returned to its former position, that is, until its forward wall engages a stop 33 as shown in Fig. 2. As the bin section is moved the heads of the supporting rods rotate within the socket members 31.

It is desirable to have the bin section adjustably supported so that its forward face may be made to fit snugly to the top of the housing 10 so as to prevent the access of dirt and other foreign materials. This is accomplished by adjusting the position of the nuts 29 on the rods 16 until the proper fit has been obtained. It of course follows that the nuts 29 (Figure 3) can also be adjusted to lower the bin section on the rods 16 until it is clear of the stop 33 whereby the bin section and the rods 16 can be bodily removed as a unit from the housing 10.

One of the bins is preferably made larger than the rest, such as the left hand one in Fig. 1, for the reception of flour. In the tube 20 of this bin a sifter 34 is detachably secured by means of a bayonet slot 35. The flow of flour to the sifter 34 is controlled by one of the disc valves 21.

In the present disclosure the various features of the invention have been applied to a portable camper's kitchenette. Many of the features, however, would be equally valuable for use in an ordinary kitchen cabinet.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

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

1. In combination in a kitchenette, a housing, a bin disposed within said housing, supporting rods for said bin comprising the sole means for supporting the bin in the housing, there being one rod at each end of said bin, means connected to said housing for pivotally and detachably supporting the lower ends of said rods and arranged to allow said rods and bin to be swung outwardly from said housing to afford access to the interior of said bin, means for limiting said movement of said bin, and means connecting the upper ends of said rods to said bin, said means being adjustable to maintain the bin in cooperation with said limiting means and also being adjustable to move said bin out of cooperation with said limiting means whereby said bin and rods may be readily removed as a unit from said housing.

2. In combination in a kitchenette, a housing, a bin disposed within said housing, supporting rods for supporting the bin in the housing, means connected to said housing for pivotally and detachably supporting the lower ends of said rods and arranged to allow said rods and bin to be swung outwardly from said housing to afford access to the interior of said bin, means for limiting the movement of said bin, and means connecting the upper portions of said rods to said bin, whereby said bin can be lowered on said rods to permit of said rods and bin being bodily removed as a unit from said housing.

3. In combination in a kitchenette, a housing, a bin disposed within the upper part of said housing, supporting rods for said bin, an intermediate partition wall in said housing spaced from the bottom of said bin and being provided with recesses through which the lower portions of said rods extend, dispensing means connected to said bin accessible in the space between the bin and partition wall means connected to said housing for pivotally and detachably supporting the lower ends of said rods below said partition wall so as to allow said bin and rods to be swung outwardly from said housing, means

for limiting said movement of said bin, and means connecting the upper ends of said rods to said bin, said means being adjustable to maintain the bin in cooperation with said limiting means and also being adjustable to move said bin out of cooperation with said limiting means whereby said bin and rods may be readily removed as a unit from said housing.

In testimony whereof, I affix my signature.

EDWIN BURKE.