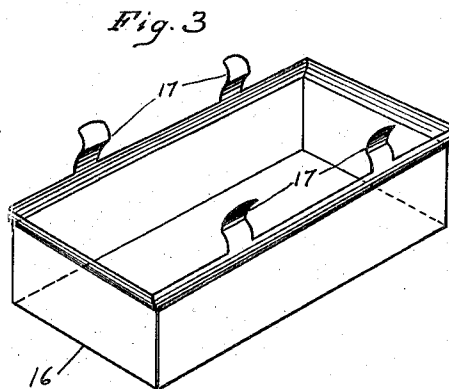
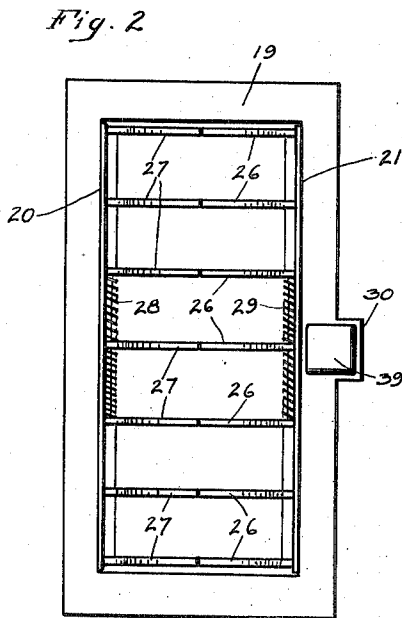
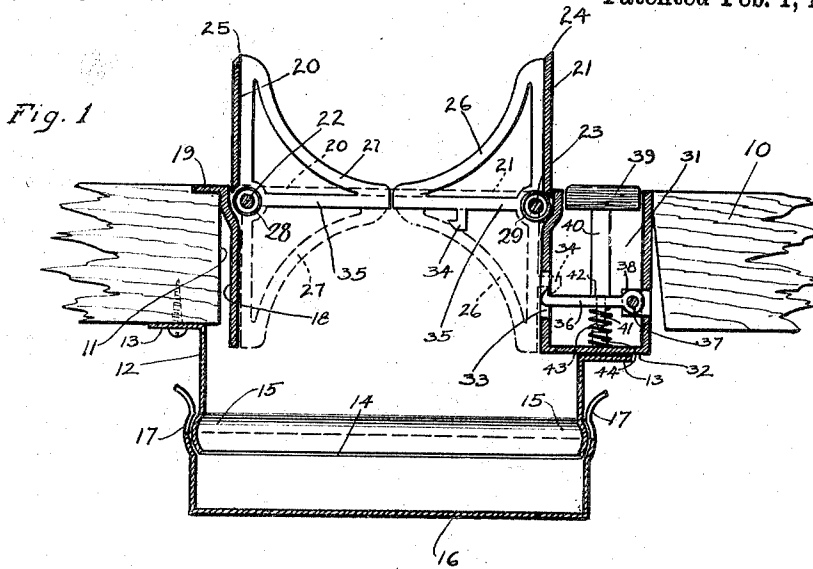


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ASH RECEPTACLE.
APPLICATION FILED MAR. 5, 1909.

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UNITED STATES PATENT OFFICE.

DAVID T. BJORK AND HARRY S. WILLIS, OF CHICAGO, ILLINOIS.

ASH-RECEPTACLE.

947,785.

Specification of Letters Patent.

Patented Feb. 1, 1910.

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To all whom it may concern:

Be it known that we, DAVID T. BJORK and HARRY S. WILLIS, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ash-Receptacles and the Like, of which the following is a specification.

This invention relates to improvements in receptacles and more particularly cigar ash receivers, and the primary object of the same is to provide an improved device of this character provided with a lid or closure which latter, when opened, will form a support for the cigar.

A further object is to provide improved means for locking the closure closed and improved means for releasing and automatically opening the closure for use.

A further object is to provide improved means for emptying the receiver.

A further object is to provide an improved device of this character which will be simple, durable and cheap in construction, and effective and efficient in operation.

To the attainment of these ends and the accomplishment of other new and useful objects, as will appear, the invention consists in the features of novelty in the construction, combination and arrangement of the several parts hereinafter more fully described and claimed and shown in the accompanying drawing, illustrating an embodiment of the invention, and in which—

Figure 1 is a transverse sectional view of an improved device of this character constructed in accordance with the principles of this invention, showing in dotted lines the lid or closure in a closed position and in full lines in an open position for use. Fig. 2 is a top plan view of Fig. 1. Fig. 3 is a detail perspective view of the removable bottom of the receptacle.

Referring more particularly to the drawing and in the present exemplification of the invention the numeral 10 designates a suitable support such as a table top or the like which is provided with an opening 11 there-through, beneath which the receptacle is secured. The receptacle comprises a body portion 12 which is secured in position below the aperture or opening 11 by means of a flanged portion 13, which rests against the

bottom of the support and may be secured thereto in any desired or suitable manner, such as by means of fastening screws or nails.

The receptacle 12 is provided with an open lower extremity 14 and is provided with a bead 15 surrounding the open extremity. A removable bottom 16 is provided for the receptacle, which bottom is itself constructed in the form of a receptacle and is provided with a plurality of spring fingers or clips 17 projecting above the upper edge of the bottom so that when the bottom is placed in position on the body of the receptacle the spring fingers or clips 17 will engage over the beaded portion 15 on the body of the receptacle for detachably securing the bottom in position. The receptacle and the removable bottom may be constructed of any desired or suitable material and may be of any desired configuration.

A frame having a body portion 18 and a laterally projecting circumferential flange 19 at one end of the frame is provided and is inserted within the opening 11 in the support so that the flange 19 thereof will rest upon the face of the support, and if desired, the face of the support may be cut away or countersunk to receive the flange to permit the upper face of the flange to stand flush with the face of the support. Hinged to the upper end of the frame 18 are two lids 20, 21, which are hinged on opposite sides of the frame by means of suitable pivots 22, 23, in any suitable manner. The free edge 24 of one of the lids, preferably the lid 21, is adapted to project over the free edge 25 of the other lid when the lids are in a closed position so that one of the lids will hold the other lid closed. The lid sections are provided with a plurality of grate bars 26, 27, which project from the lower faces of the lids so that the extremities thereof will stand adjacent and in close proximity to each other when the lids are open and in a position for use, as shown in full lines in Fig. 1. These grate bars may be formed in any desired or suitable manner, but are preferably curved so that when the lids are in position for use and the extremities of the opposite grate bars stand adjacent each other, the grate bars will form an upwardly opening semi-circle. Any number of grate bars may be

provided on each of the lids but a sufficient number is provided so that the space between the bars will not be too great to support a cigar when the latter is placed upon the grate bars. Suitable elastic members 28, 29, are provided which surround the pintles of the hinges and tend normally to move the lids to an open position, or position for use, so that when the lids are released, they will automatically open to the position shown in full lines in Fig. 1.

The frame 18 is provided with an offset portion 30 in the form of a chamber 31 having a closed bottom 32, and this offset portion is preferably located adjacent the longitudinal center of one of the lids and is provided with an aperture or opening 33 in one of the walls thereof. A hook 34 is supported by the lid adjacent the receptacle 30, which hook is preferably secured to or formed as a part of one of the arms 35, which latter assist in supporting the respective grate bars 26 so that when the lids are moved into a closed position or the position shown in dotted lines in Fig. 1, the hook or catch 34 will project through the opening 33 in the wall of the chamber 31. Arranged within the chamber 31 is a catch 36 which is pivotally supported as at 37 in any desired or suitable manner, preferably between two cut-out portions 38 in the wall of the chamber 31 and are bent inwardly into the chamber to form supports for the pintle 37 and between which one extremity 35 of the catch 36 is located.

A push button having a head 39 and a stem 40 is arranged within the chamber 31 and the head 39 is of a size and configuration to form a closure for the chamber 31. The free extremity 41 of the stem is reduced to form a shoulder 42 and the reduced extremity 41 passes through an aperture in the catch 36 so that the shoulder 42 will rest upon the catch. An elastic member 43, such as a coil spring or the like, is provided for yieldingly supporting the catch 36 and the push button 39. This elastic member is coiled around the reduced extremity 41 of the stem 40 so that one extremity will rest against the catch 36. The other extremity of the spring surrounds a projection 44 on the base 32 of the casing 31 and has engagement with the base 32 to prevent displacement of the spring.

In operation and when the lids 20 and 21 are closed, as shown in dotted lines in Fig. 1, the catch 36 will engage the hook or catch 34, under the influence of the elasticity of the spring 43 and the lids will be held against the tension of the elastic members 28, 29. When closed, the upper faces of the lids 20, 21, in the present exemplification of the invention, stand flush with the top of the support 10.

When it is desired to use the receptacle,

the push button 39 is depressed, which will move the catch 36 out of engagement with the hook or catch 34 and against the tension of the elastic member 43. When thus released, the elasticity of the members 28, 29 will quickly and automatically adjust or move the lids 20, 21, into a position for use as shown in full lines in Fig. 1. When it is desired to close the lids, all that is necessary is to move the lids about their pivots against the tension of the elastic members 28, 29, until the hook or catch 34 passes through the aperture 33 to be automatically engaged by the catch 36.

When the lids are open for use, the ashes may be knocked from the cigar by means of the grate bars 26, 27, and will fall into the receptacle 12. When desired, the cigar may be laid across the grate bars or supported thereby.

When it is desired to empty the receptacle, all that is necessary is to detach the bottom 16 which may be easily done by drawing downwardly upon the same and the elastic fingers 17 will permit such removal. After the bottom has been emptied it may be readily replaced upon the receptacle.

While in the present exemplification of the invention the receptacle is shown as being secured to a table top or support, it is to be understood that it may be secured to any other support so that the device may be transported from one place to another when desired.

In order that the invention might be fully understood, the details of the foregoing embodiment thereof have been thus specifically described, but

What I claim as new is—

1. A device of the character described comprising a receptacle, a cover for the receptacle comprising two sections pivoted at one edge to the receptacle, the free edges of the sections being adapted to stand in close proximity to each other over the receptacle to close the same, spaced supports on the sections of the cover, the ends of the supports on one section standing in close proximity to the respective supports on the other section to form grate bars extending across the receptacle when the cover sections are open.

2. A device of the character described, comprising a receptacle, a cover section hinged to the receptacle, and means supported by the cover section adapted to project across the receptacle for sustaining an article when the cover is open, said means being foldable into the receptacle and adapted to be concealed by the cover when the latter is closed.

3. A device of the character described comprising a receptacle, a cover for the receptacle comprising sections hinged at one end to the receptacle, the free edges of the sections being adapted to stand in close

proximity to each other over the receptacle to close the same, and means on the cover sections adapted to project over the receptacle when the sections are opened for supporting an article, said means emptying into the receptacle as the cover sections are closed.

4. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged at one edge to the receptacle, the free edges of the sections being adapted to stand in close proximity to each other over the receptacle to close the same, spaced supports on the sections adapted to project across the receptacle when the cover sections are opened, said receptacle being provided with an open bottom, and a closure for the bottom.

5. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged at one edge to the receptacle, the free edges of the sections being adapted to stand in close proximity to each other over the receptacle to close the same, means on the cover sections adapted to project over the receptacle and toward each other when the cover sections are opened for supporting an article, said receptacle being provided with an open bottom, and a detachable closure for the bottom, said closure being itself shaped to form a receptacle.

6. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections pivoted at one edge to the receptacle, the opposite edges of the sections being adapted to stand in close proximity to each other over the receptacle to close the same, spaced supports on the cover sections adapted to project across the opening of the receptacle when the cover sections are open, means tending normally to open the cover sections, and means for fastening the cover sections closed.

7. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged at one edge to the receptacle, the free edges of the sections being adapted to stand in close proximity to each other over the receptacle to close the same, spaced supports on the cover sections adapted to project across the receptacle when the cover sections are open, a single fastening device for holding the cover closed, means for releasing the cover sections, and means for opening and holding the cover sections open when released.

8. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged at one edge to the receptacle, the edges of the sections opposite to the hinged edges being adapted to stand in close proximity to close the receptacle, spaced supports on the sections projecting over the receptacle when

the cover sections are open, there being a shouldered projection on one of the supports, a catch adapted to engage the projection when the cover is closed for locking the same closed, a yielding member for shifting the catch to release the cover sections, and means for opening the cover sections when released.

9. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged at one edge to the receptacle, the edges of the sections opposite to the hinged edges being adapted to stand in close proximity to close the receptacle, spaced supports on the sections projecting over the receptacle when the cover sections are open, there being a shouldered projection on one of the supports, a catch adapted to engage the projection when the cover is closed for locking the same closed, a yielding member for shifting the catch to release the cover sections, means for opening the cover sections when released, said receptacle having an open bottom and a removable closure for said opening.

10. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged to the receptacle, spaced supports on the cover sections adapted to project across the receptacle when the sections are open, a support adjacent the hinged edge of one of the sections and spaced from the wall of the receptacle, said receptacle having an opening in the wall thereof, there being a shouldered projection on one of the cover sections adapted to project through the opening and beyond the wall of the chamber, a yielding catch mounted upon the last said support and adapted to engage the projection for locking the cover sections closed, means for shifting the catch to release the cover sections, and means for opening the cover sections when released.

11. A device of the character described, comprising a receptacle, a cover for the receptacle comprising sections hinged to the receptacle, spaced supports on the cover sections adapted to project across the receptacle when the sections are open, a support adjacent the hinged edge of one of the sections and spaced from the wall of the receptacle, said receptacle having an opening in the wall thereof, there being a shouldered projection on one of the cover sections adapted to project through the opening and beyond the wall of the chamber, a yielding catch mounted upon the last said support and adapted to engage the projection for locking the cover sections closed, means for shifting the catch to release the cover sections, means for opening the cover sections when released, and a headed member engaging the catch for shifting the same to release the cover sections, the head of said member serving

as a closure for the space between the wall
of the chamber and the support and stand-
ing substantially flush with the outer face
of the cover sections when the latter are
5 closed.

In testimony whereof we have signed our
names to this specification, in the presence

of two subscribing witnesses, on this 2nd
day of March, A. D. 1909.

DAVID T. BJORK.
HARRY S. WILLIS.

Witnesses:

J. H. JOCHUM, Jr.,
M. W. CANTWELL.