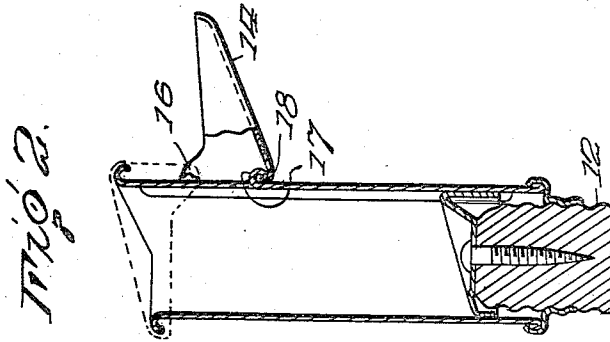
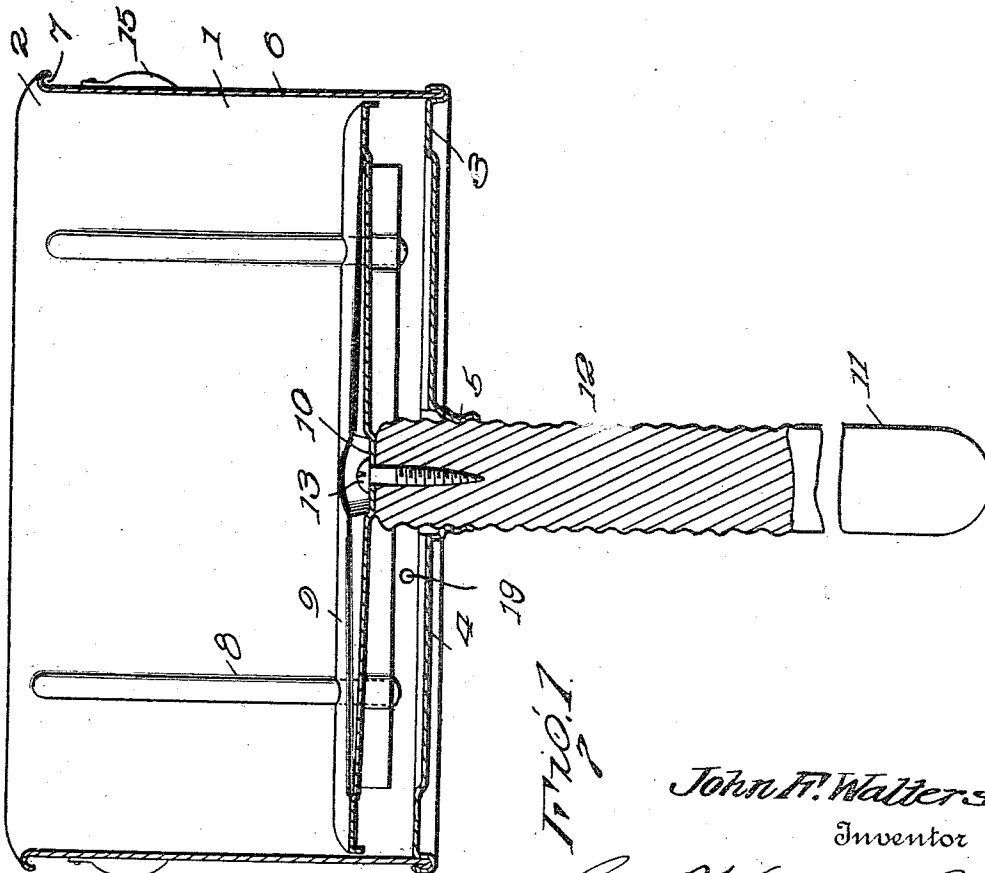


J. F. WALTERS.
WALL PAPER CLEANING DEVICE.
APPLICATION FILED JULY 19, 1917.

1,266,360.

Patented May 14, 1918.



By

Fig. 1.

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WALL-PAPER-CLEANING DEVICE.

1,266,360.

Specification of Letters Patent.

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Application filed July 19, 1917. Serial No. 181,641.

To all whom it may concern:

Be it known that I, JOHN F. WALTERS, a citizen of the United States, and resident of Battle Creek, in the county of Calhoun and State of Michigan, have invented certain new and useful Improvements in Wall-Paper-Cleaning Devices, of which the following is a specification.

This invention relates to new and useful improvements in wall paper cleaning devices, and the primary object of the invention is to provide a device of this character which is especially adapted for cleaning a ceiling or the like and which is so constructed that the various parts of the ceiling are easily accessible so as to be thoroughly cleansed, without any danger of injuring the wall paper during the cleaning operation.

Another object of the invention is to provide a device of this character which includes a receptacle adapted to receive a cleaning compound, which projects through the top thereof, and said receptacle is provided with a longitudinally adjustable ejector, which is operable by the handle of the device, so as to push the cleaning compound outwardly as the same is used.

Still another object of the invention is to provide a device of this character, that includes a receptacle adapted to receive cleaning compound, which is pushed therefrom as used by an ejector, said receptacle being provided with a hinged cover, which is adapted to swing back and be disposed adjacent the rear wall of the receptacle, so as to form a trough to receive all the shavings that fall from the cleaner during the cleansing operation.

Still another object of the invention is to provide a device of this character which is easily and simply constructed, inexpensive to manufacture, and one which will be very efficient in operation.

With these and numerous other objects in view, my invention consists of the novel features of construction, combination and arrangement of parts, which will be herein referred to and more particularly pointed out in the specification and claims.

In the accompanying drawings:

Figure 1 is a vertical section through the device, showing a portion of the handle in elevation; and

Fig. 2 is a vertical transverse section

through the receptacle and portion of the handle, showing the cover swung back.

In describing my invention, I shall refer to the drawings in which similar reference characters designate corresponding parts throughout the several views.

The numeral 1 designates the cleaner holding receptacle, which is preferably of an elongated shape, having an open top 2, said receptacle comprising a bottom portion 3 preferably formed of metal, and provided with stamped strengthening ribs 4. The bottom portion 3 has a depending threaded flange 5, which is centrally disposed, for a purpose to be hereinafter more fully described. The peripheral edges of the body portion 3 are bent upwardly, to support the wall 6 of the receptacle, which is also preferably formed of metal, and has its upper edge inclined, and rolled as shown at 7, so as to not mar the wall paper, when the cleaning composition has worn down level therewith. The rear wall of the receptacle is provided with a pair of vertical stamped strengthening ribs 8 that extend inwardly which acts as guides in a manner to be hereinafter more fully described.

The receptacle 1 is provided with a longitudinally movable ejector 9 therein, which is formed from a metal plate, having downwardly turned edges adapted to be disposed adjacent the inner wall of the receptacle, and if desired may frictionally engage the same. The movable ejector plate is disposed within the receptacle 1, and is normally inclined as clearly shown in Fig. 2 of the drawings. The inner edges of the ejector plate are notched, so as to coöperatively engage the guide ribs 8 on the inner wall of the receptacle, to guide the movement of said ejector. The ejector plate is also provided with a centrally disposed flat portion 10, that is normally alined with the opening in the bottom plate of the receptacle, and is positioned parallel with the bottom thereof. A handle 11 of any desired length is provided for the device, said handle having its upper end externally threaded as shown at 12, and adapted to coöperatively engage the downwardly projecting threaded flange 5 on the bottom plate of the receptacle. The upper end of the handle projects through the opening in said bottom of the receptacle, and is secured to the flat portion 10 of the movable ejector, by a screw 13, or any other

desired type of fastening means. The handle 12 is rotatably engaged with the ejector plate, so that rotation of said handle will be permitted for a purpose to be hereinafter more fully described.

The receptacle 1 is provided with a cover 14, which is inclined, and said cover is slightly longer than the receptacle projecting from the opposite ends thereof, and bent inwardly as shown at 15. Secured to the rear wall of the receptacle are pivot pins 16, that are adapted to engage the opposite ends of the cover, so that the said cover is adapted to be swung back from over the open top of the receptacle, to the position clearly shown in Fig. 2 of the drawings. This cover 14 is substantially trough shaped, so that when the same is positioned adjacent the rear wall of the receptacle, it will form a trough to receive shavings, that roll from the rear edge of the device, when the same is in use. To securely lock the cover 14 in position adjacent the rear wall of the receptacle, when the same is used, I provide a spring catch 17, that is adapted to coöperatively engage a projecting inturned edge 18 on the rear edge of said cover. The receptacle 1 is provided with a sight opening 19 in the wall thereof, so that the position of the ejector may be easily observed.

In operation, a cleaning compound of any desired kind, is placed within the receptacle 1, and a certain amount thereof will project through the open top thereof. The device is then grasped by the handle 11, and moves over the ceiling, the inclined upper edge of said receptacle facilitating this movement, as the handle 11 will project downwardly at an angle, to permit easy and free movement of said receptacle. When the device is in use, the cover 14 is swung back into position shown in Fig. 2 of the drawing, where it will act as a trough to receive the shavings that roll over the rear edge of the receptacle, when the same is moved across the ceiling. The rolled edges of the inclined upper edge of said receptacle, will prevent marring or injuring of the paper during the cleansing operation, when the cleaning compound is worn down to the level of said upper edge.

When it is desired to force the cleaning compound through the top of the receptacle, when the same is worn down level therewith, it is only necessary to rotate the handle 12, whereupon owing to the fact that the upper end thereof is threadedly engaged with the depending flange 5 on the bottom of the receptacle, the handle will be moved upwardly through said bottom, and as the ejector plate 9 is connected with the top of the handle, said plate will be consequently moved in the receptacle, to accomplish the desired purpose. The projecting ribs 8 in

the receptacle act as guides for movement of the ejector plate.

This device affords a simple and economically manufactured means for thoroughly cleansing a ceiling without any injury to the paper thereon, and a great saving in time and labor required for this operation. Owing to the inclined upper edge of the receptacle in which the cleaning compound is positioned, it is obvious that the device is operated from an angle, and the projecting operating handle 11 consequently will be so disposed, so as to facilitate the operation of the device and enable the operator to easily reach all parts of the ceiling or the like. The cleaning compound may be forced from the receptacle as the same is used, without the necessity of lowering the device from operative position, as it is only necessary to slightly rotate the handle 11 to accomplish this purpose. The hinged cover 14, not only forms a cover to hold the cleaning compound in the receptacle, when the device is not in use, but also serves the double purpose of forming a trough, that is disposed adjacent the rear edge of the receptacle, to receive the shavings that drop from the device during its operation, and prevent the same from falling onto the floor, and onto the operator.

From the above description taken in connection with the accompanying drawing, it is thought that a clear and comprehensive understanding of the construction, operation and advantages of my invention may be had, and while I have shown and described the device as embodying a specific structure, I desire that it be understood that such changes may be made in said structure as do not depart from the spirit and scope of the invention as claimed.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

1. A device of the class described including a cleaner holding receptacle having an open top, said receptacle having its rear wall higher than the front wall and the upper edges of the end walls inclined, means connected with the receptacle whereby the same is adapted to be moved across a ceiling or the like, and a hinged cover adapted to be used as a shaving receiving trough when the device is in operation.

2. A device of the class described including a cleaner holding receptacle having an open top, said receptacle having its rear wall higher than the front wall, means connected with the receptacle whereby the same is adapted to be moved across a ceiling or the like, and a shaving receiving trough disposed adjacent the upper edge of the rear wall.

3. A device of the class described includ-

ing a cleaner holding receptacle having an open top, said receptacle having its rear wall higher than the front wall, means connected with the receptacle whereby the same is adapted to be moved across the ceiling or the like, a hinged cover adapted to be used as a shaving receiving trough when the device is in operation, and cooperating locking means carried by the rear wall of the receptacle adapted to engage the cover to hold the same in position to receive the shavings.

In testimony whereof I affix my signature hereto.

JOHN F. WALTERS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."