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MOP CLEANER AND DUST PAN

Filed July 1, 1931

Fig. 1.

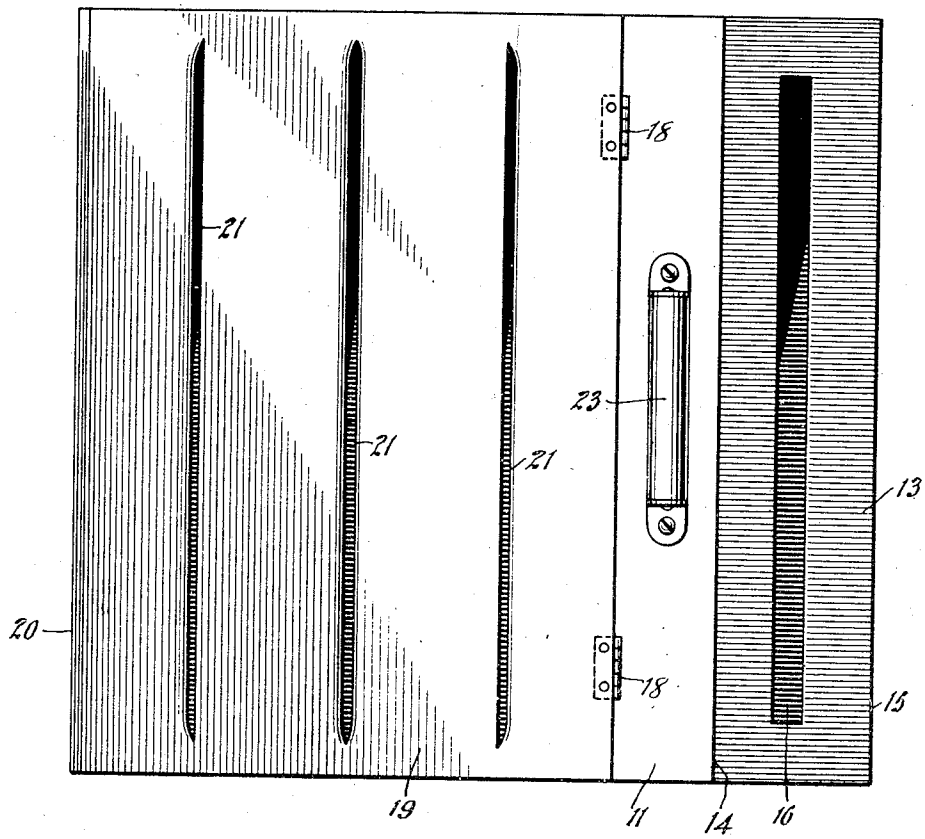
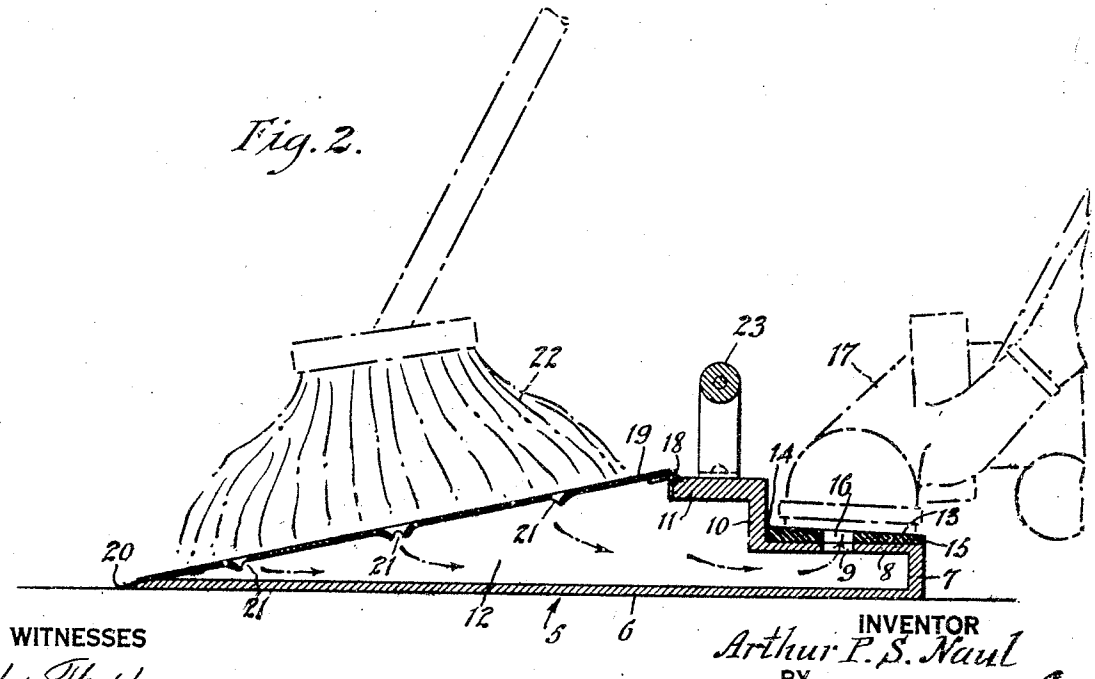


Fig. 2.



WITNESSES

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MOP CLEANER AND DUST PAN

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An object of the invention is to provide a mop cleaner and dust pan which may be used together with a vacuum cleaner to remove dust and dirt from a mop.

Another object of the invention is to provide a pan having an opening connecting with an outlet at which a vacuum cleaner may be disposed and a plurality of inlets connected with the opening, so that the mop may be moved over the surface having the inlets to draw therethrough dust and dirt from the mop. Preferably the pan has a lid extending to an edge of the bottom of the pan to expose the opening in the pan, which permits the pan to be used as a dust pan which may be cleaned by connecting the pan with a vacuum cleaner.

Additional objects of the invention will appear in the following specification in which the preferred form of the invention is described.

In the drawing similar reference characters refer to similar parts in both views, of which

Figure 1 is a plan view of the invention, and

Figure 2 is a transverse sectional view of Figure 1.

By referring to the drawing it will be seen that the pan 5 has a bottom 6, a rear wall 7, an inwardly extending top member 8 having an outlet 9, the inwardly extending member 8 being connected with an upright portion 10 forming an abutment, the top of the pan extending inwardly from the upwardly extending portion 10 at 11. The sides 12 of the pan are secured to the bottom 6, the rear wall 7, the inwardly extending top member 8, the upwardly extending portion 10 and the top portion 11. Disposed on the inwardly extending top member 8 there is preferably a cushion 13 which, as shown in Figure 2 of the drawing, is thicker at its inner end 14 than at its outer end 15. The cushion 13 has an opening 16 which registers with the outlet 9. With this construction it will be understood that a vacuum cleaner 17 may be disposed and pressed down against the cushion 13 to connect the outlet 9 with the vacuum cleaner, so that dirt and dust contained in the opening in the pan may be evacuated therefrom. The abutment 10 serves to limit the movement of the vacuum cleaner 17 relatively to the pan 5 when it is being adjusted.

Hinged to the top member 11 at 18 there is a lid 19, the said lid extending downwardly to the edge 20 of the bottom member 6, so that the lid 19 may be raised and dust and dirt may be brushed or swept into the body of the pan, after which the lid 19 may be disposed as shown in the drawing, when the dust and dirt in the pan may be evacuated by the vacuum cleaner 17 in a manner readily understood.

The lid 19 has a plurality of longitudinally extending slots 21 which are preferably disposed parallel with each other and the slots 21 being preferably spaced apart, as shown in the drawing. With this construction, and when the lid 19 is disposed as shown in Figure 2 of the drawing, a mop 22 may be moved back and forth across the upper surface of the lid 19 at the slots 21 therein, so that dust and dirt may be drawn from the mop 22 through the slots 21 and out of the outlet 9 by the vacuum cleaner 17.

The pan is preferably provided with a handle 23 which is secured to the top member 11.

What is claimed is:

1. A pan having a hollow body with a bottom and being open at its front and top, the body having an outlet at which it may be connected with a vacuum cleaner, and a lid hinged to the top of the body at a point spaced from the front of the body and normally extending forwardly and downwardly to the front of the bottom of the body, the lid having one or more inlet openings.

2. A pan having a hollow body with a bottom extending to the front of the body and a top member at the rear of the body, the body being open at its front and at the forward part of its top, there being an outlet in the top member, a gasket on the top member around the outlet, the body of the pan adjacent the inner side of the gasket extending upwardly to form an abutment to

limit the movement of a vacuum cleaner disposed on the gasket, and a lid normally extending from the top of the body adjacent the abutment to the front edge of the bottom of the body, there being an inlet or inlets in the lid.

3. In a pan, a hollow body having a bottom extending to the front of the body and a rear top member, the top of the body in front of the rear top member and the front of the body being open, and a lid hinged adjacent the front of the rear top member and normally extending forwardly and downwardly from its hinged portion to the front of the bottom member, there being an outlet in the rear top member for connection with a vacuum cleaner and an inlet or inlets in the lid.

4. In a pan, a body having a bottom and sides, a wall extending upwardly from the rear of the bottom, a top member with an outlet extending inwardly from the wall and then upwardly, and a lid hinged adjacent the inner end of the top member, the lid extending to the bottom of the front of the body and being provided with an inlet opening or openings.

5. In a pan, a body having a bottom and sides, a rear wall extending upwardly from the rear of the bottom, a top member extending inwardly from the top of the wall, then upwardly and then inwardly, the top member having an outlet at its first mentioned inwardly disposed portion, and a lid hinged to the top member at its second mentioned inwardly disposed portion and having its forward edge normally disposed at the forward portion of the bottom of the body, the lid having one or more inlet openings.

6. In a pan, a body having a bottom and sides, a rear wall extending upwardly from the rear of the bottom, a top member extending inwardly from the top of the wall, then upwardly and then inwardly, the top member having an outlet at its first mentioned inwardly disposed portion, a lid hinged to the top member at its second mentioned inwardly disposed portion and having its forward edge normally disposed at the forward portion of the bottom of the body, the lid having elongated spaced apart inlet openings, and a handle secured to the top member at its second mentioned inwardly disposed portion.

7. In a pan, a hollow body having a bottom extending to the front of the body and a rear top member, the body at the front of the rear top member and the front of the body being open, and a lid normally extending forwardly and downwardly from a position adjacent the front of the rear top member to the front of the bottom member, there being an outlet in the rear top member and elongated spaced apart inlets in the lid with inwardly extending flanges on the lid adjacent the said inlets.

8. A pan having a hollow body with a bottom and being open at its front and top, the body having an outlet at which it may be connected with a vacuum cleaner, and a lid hinged at the top of the body and normally extending forwardly and downwardly to the front of the bottom of the body, the lid having elongated spaced apart inlets with inwardly extending flanges on the lid adjacent the said inlets.

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