

P. E. HAWKINSON.

DUST PAN.

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931,867.

Patented Aug. 24, 1909.

Fig. 1.

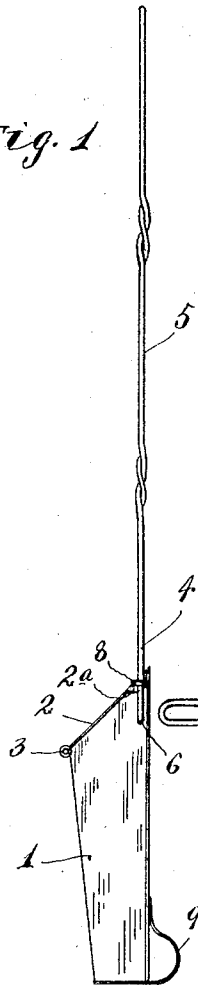


Fig. 2.

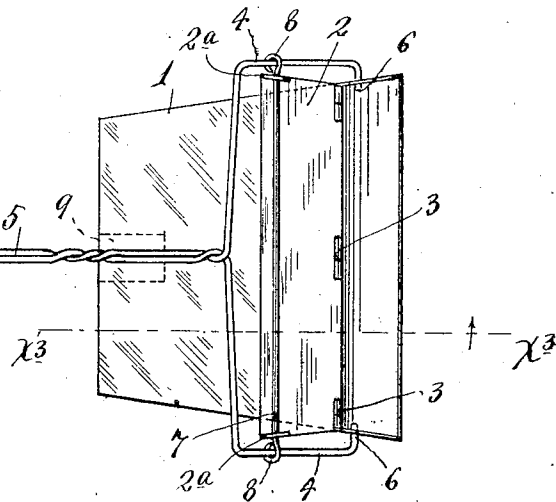
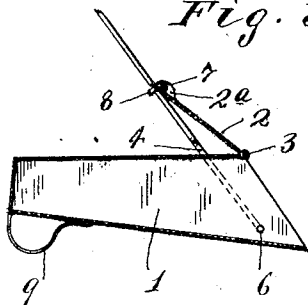


Fig. 3.



Witnesses.
A. H. Oschelt.
E. P. Hite.

Inventor.
Paul E. Hawkinson
By his Attorneys.
William M. Muehler

UNITED STATES PATENT OFFICE.

PAUL E. HAWKINSON, OF MINNEAPOLIS, MINNESOTA.

DUST-PAN.

931,867.

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To all whom it may concern:

Be it known that I, PAUL E. HAWKINSON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Dust-Pans; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has for its object to provide an improved dust pan, and to this end it consists of the novel devices and combinations of devices hereinafter described and defined in the claim.

In the accompanying drawings, which illustrate the invention, like characters indicate like parts throughout the several views. Referring to these drawings; Figure 1 is a view in side elevation, showing the improved dust pan in a suspended position, with the lid thereof closed. Fig. 2 is a plan view of the improved dust pan, showing the lid thereof open; and Fig. 3 is a section taken on the line $x^3 x^3$ of Fig. 2.

The body of the dust pan is in the form of a box or an approximately rectangular shell 1 preferably constructed of light sheet metal and beveled at its open end. The open end of this box is adapted to be closed by a lid 2 hinged to the upper edge of the top of said box at 3. To the sides of the box, near the bottom and open end thereof, the prongs 4 of a bail-like handle 5 are pivoted at 6, preferably as shown, by passing the intumed ends of said prongs through perforations in the sides of said box. The parallel prongs 4 of the handle 5 are slidably connected to the free edge portion of the lid 2, this preferably being accomplished by means of a light transverse rod 7 passed through perforations in the side flanges 2^a of said lid, and provided at its ends with eyes 8 through which the said side prongs 4 slide freely. To the rear intermediate portion of the bot-

tom of the box 1 is preferably applied a rest foot 9, shown as formed from a strip of light metal. This rest foot 9, when the box or body of the dust pan is placed on the floor, as shown in Fig. 3, in position to receive dirt and dust swept into the same, elevates the rear portion of said box while the front edge of the bottom thereof rests upon the floor.

When the box or body of the dust pan is placed upon the floor, as shown in Fig. 3, and the handle is turned backward into a position at which it is naturally held at such time, the lid 2 is moved into an open position, as clearly shown in Figs. 2 and 3. When, however, the dust pan is picked up by means of the handle, the box will drop by gravity into a vertical position, as shown in Fig. 1, and the lid 2 will be automatically closed.

A dust pan of the kind described will hold a very considerable amount of dirt and dust, and when it is picked up or hung up by the handle will be closed, so that there is no danger of dropping or scattering the accumulated material. In actual practice, it has been found highly efficient for the purposes had in view, and furthermore, it is of small cost.

What I claim is:—

In a dust pan, the combination with a box-like body 1 having a lid 2 hinged to the top thereof and arranged to open and close the open end of said box, a rod 7 rotatively applied to the free edge of said lid 2 and having eyes 8 at its projecting ends, and a handle 5 having prongs 4 passed through the eyes 8 of said rod 7 and pivotally connected to the sides of said box near the bottom and open end thereof, substantially as described. In testimony whereof I affix my signature in presence of two witnesses.

PAUL E. HAWKINSON.

Witnesses:

H. D. KILGORE,
M. E. RONEY.