

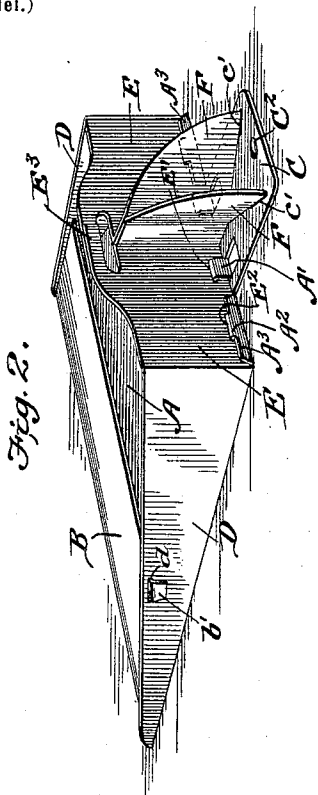
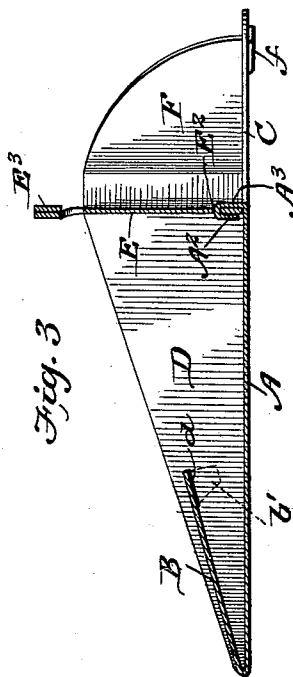
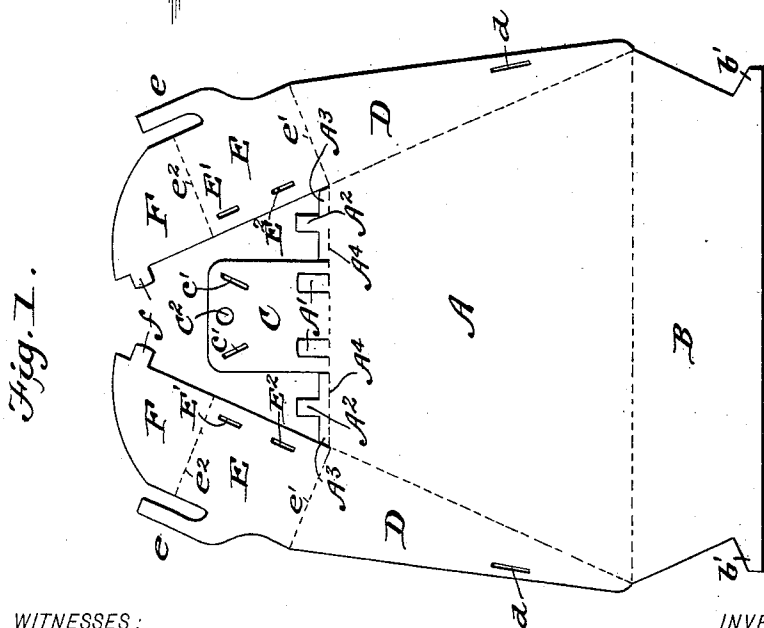
No. 607,309.

Patented July 12, 1898.

H. WEIR.
DUST PAN.

(Application filed Feb. 7, 1898.)

(No Model.)



WITNESSES:
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HAMILTON WEIR, OF LA PORTE, INDIANA.

DUST-PAN.

SPECIFICATION forming part of Letters Patent No. 607,309, dated July 12, 1898.

Application filed February 7, 1898. Serial No. 669,426. (No model.)

To all whom it may concern:

Be it known that I, HAMILTON WEIR, of La Porte, in the county of La Porte and State of Indiana, have made certain new and useful

Improvements in Dust-Pans, of which the following is a full, clear, and exact specification.

My invention is an improved dust-pan which can be made from a single plate of metal struck up and secured in shape and without the use of solder; and the invention consists in certain novel constructions and in the blank from which the dust-pan is formed, all of which will be hereinafter described, and pointed out in the claims.

In the drawings, Figure 1 is a plan view of the blank from which the pan is formed. Fig. 2 is a perspective view of the rear end of the dust-pan. Fig. 3 is a vertical longitudinal section of the pan.

The blank, as shown in Fig. 1, is formed of a plate of metal which may be cut in any suitable manner into the design shown, so it may be bent on the several dotted lines to form the complete dust-pan shown in Fig. 2. The blank, as shown, comprises the base-plate A, the extension B at the front thereof, the extension C at the rear of the base-plate, which forms a foot-rest, and the lateral extensions D at the sides of the base-plate, which extensions D form the sides of the dust-pan and are prolonged at E, forming the sections of the back, and are extended at F, forming the wings which brace the foot-piece in the complete dust-pan. On the outer edge of the extensions E are formed the handle-sections e , which cooperate in forming the handle E^3 of the complete dust-pan.

The front extension B is back-turned to form the incline up which the dust is swept and to produce the pocket to receive the dust, so it will not drop off the dust-pan when the latter is lifted. At its corners the extension B has the tongues b' , which are passed through the slots d in the sides D and are bent to secure the inclined portion to the side, as will be understood from Fig. 2. This inclined portion increases the strength of that portion of the pan subjected to the most strain and wear, renders it easy to sweep up dust and dirt from floor, and permits its handling without danger of spilling the contents.

The extensions E are bent in on the lines e' and meet at the lines e^2 , thus forming the back of the pan, the portions F being bent rearwardly at an incline over the plate C and are secured thereto by the tongues f , passing through the slots c' . The back-sections E are secured by the tongues A' and A^2 , passed through slots E' and E^2 , the tongues A^2 being formed on narrow flange-plates A^3 at the rear edge of the base-plate A on opposite sides of the foot-rest C, such flange-plates A^3 being bent up on the dotted lines A^4 , as shown, and thereby filling any gap between ends E and bottom A.

It will be seen that the foot-rest permits the dust-pan to be held to the floor by the foot, leaving both hands free to use the broom and avoiding any stooping, which is necessary when the pan is held by the hand.

I provide at C^2 , preferably in the foot-rest C, a nail-hole, so the pan may be hung up against the wall.

By means of the tongues operating in the slots, as described, I am able to secure the several meeting parts firmly together without the use of solder or other means similar thereto for uniting the parts, so the dust-pan can be made by unskilled labor.

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

1. A dust-pan bent or folded from a blank and consisting of a base-plate, side plates, a front extension, back-turned over the front end of the base-plate and secured to the side plates, and back-sections extended from the side plates and secured together and to the base-plate substantially as set forth.

2. A blank for a dust-pan consisting of the base-plate having lateral wings to form the sides of the pan, such wings being extended rearwardly to form the sections of the back of the pan and the rear extension extending from the base-plate between said back extensions to form the foot-piece, the blank being provided with connecting-tongues and slotted to receive such tongues whereby the parts may be united without soldering substantially as described.

3. A dust-pan having its back formed in sections meeting midway between the sides of the

pan and having at their upper edges handle-sections which extend beyond the meeting point of the back-sections and overlap to form a handle substantially as set forth.

- 5 4. A dust-pan having a foot-piece projecting rearwardly from its base, and a back composed of sections meeting midway between

the sides of the pan and having extensions over and secured to the rearwardly-projecting foot-piece substantially as set forth.

HAMILTON WEIR.

Witnesses:

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