

(No Model.)

C. H. MARSHALL.
DUST PAN.

No. 422,240.

Patented Feb. 25, 1890.

Fig. 1.

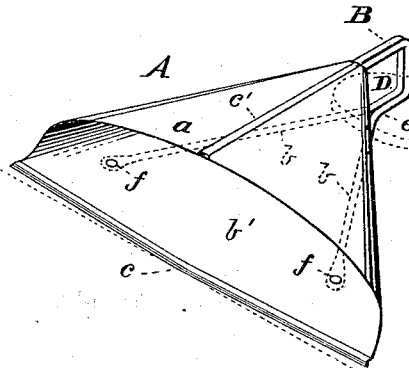


Fig. 2.

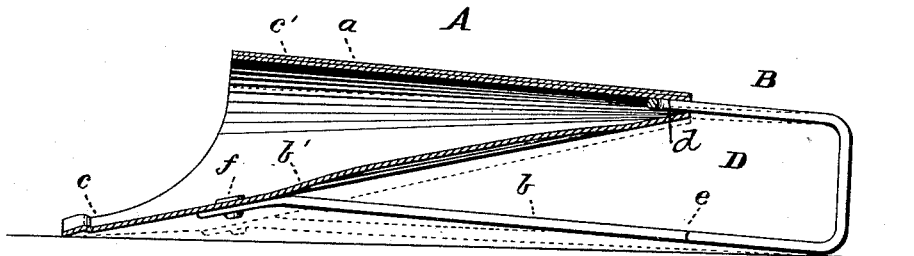
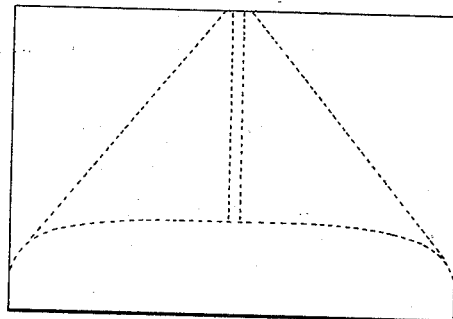


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

CHARLES H. MARSHALL, OF KANSAS CITY, MISSOURI.

DUST-PAN.

SPECIFICATION forming part of Letters Patent No. 422,240, dated February 25, 1890.

Application filed April 13, 1889. Serial No. 307,101. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MARSHALL, a citizen of the United States, and a resident of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Dust-Pans; and I do 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention, and is a perspective view. Fig. 2 is a vertical section. Fig. 3 shows the rectangular blank of metal.

This invention relates to pans such as are used for collecting dust and other foreign substances from the floors and carpets of dwellings; and it consists in the construction and novel combination of parts, as hereinafter described, and pointed out in the claim.

In the accompanying drawings, the letter A designates the dust-pan, made of light sheet metal. It is of triangular or flattened conical shape, and is constructed with an upper curved part *a* and a forwardly-inclined bottom part *b'*, which is continued in front a short distance beyond the upper part to form the dust lip or extension *c*, for receiving and guiding the dust into the pan. This pan is preferably constructed of one piece of metal by bending the corners of a rectangular piece over the sides to form the top and securing the meeting edges together, as shown at *c'* in the drawings.

B indicates the handle, and *b b* braces or arms extending obliquely and horizontally therefrom. The handle and braces may be constructed of a single stout wire, which will serve the double purpose of handle and brace-support.

The handle B is formed by doubling the wire at its point of attachment *d* in the rear angle of the pan, to which it is soldered, and extending it back a suitable distance, where its branches are bent downward and then forward to a point *e* directly beneath the point

of attachment *d*, whence they diverge obliquely and horizontally beneath the pan, to form the braces *b b*, which are secured at their respective ends to the bottom of the pan near its outer corner portions, as at *f*. By means of this handle-wire and bracing attachment to the pan a firm and effective support is given thereto, and all warping or distortion is prevented.

Owing to the inclination forward of the bottom of the pan from its point of attachment to the handle B, an interval D is left between it and the horizontal arms or braces *b b*. The loop thus formed is utilized by the operator for inserting therein his foot, which, bearing upon the braces, serves to hold the pan closely to the floor, and also to enable the operator to shift the pan to different parts of the floor in the act of sweeping, this being accomplished without stooping. When the sweeping is finished, the dust-pan is lifted and carried with its mouth upward, so that there is no danger of particles falling therefrom back upon the floor.

The handle of the pan, being made loop-like, may be suspended from a wall-hook out of the way when not in use.

What I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, the dust-pan made in two parts, comprising the plain unnotched sheet of metal and the single bent piece of wire, said metal sheet being bent from its rear corner portions upward, inward, and forward, with its meeting edges joined together and extending forward and stopping near the forward bottom edge, thus forming a flat funnel having its rear end terminating in an open socket, and said bent-wire piece forming a handle, with its upper inner end engaging or secured in said socket and its lower ends connected to the under side of said metal piece, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES H. MARSHALL.

Witnesses:

WARREN B. SEXTON,
FRANK D. RAMSAY.