

(No Model.)

E. L. & M. A. DIETZ.
DUST PAN.

No. 244,115.

Patented July 12, 1881.

FIG. 1.

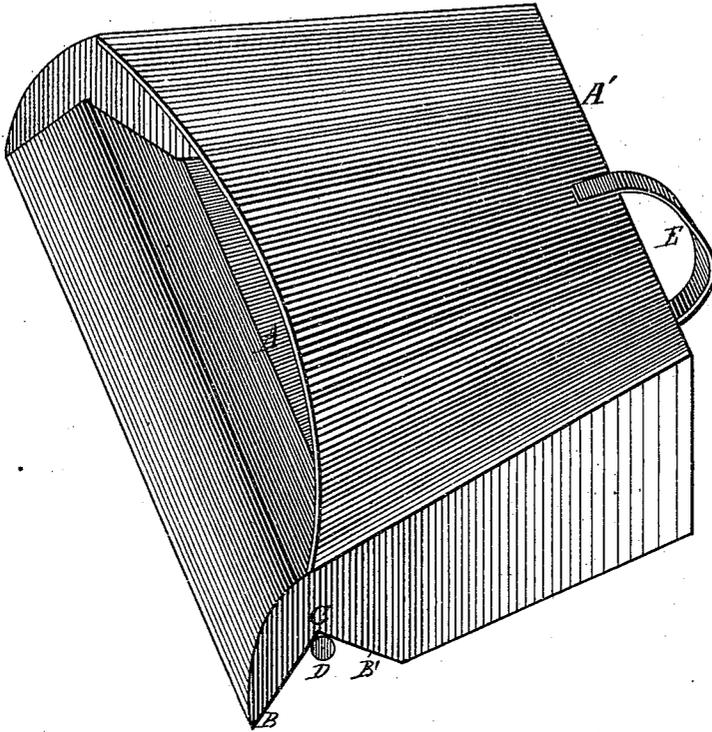
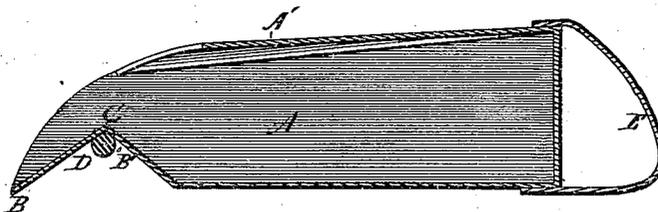


FIG. 2.



WITNESSES.

Wilmer Bradford
William Foster.

INVENTORS.

Emma S. Dietz
Mary A. Dietz.
By Emma Smut
Attorney.

UNITED STATES PATENT OFFICE.

EMMA L. DIETZ AND MARY A. DIETZ, OF OAKLAND, CALIFORNIA.

DUST-PAN.

SPECIFICATION forming part of Letters Patent No. 244,115, dated July 12, 1881.

Application filed March 5, 1881. (No model.)

To all whom it may concern:

Be it known that we, EMMA L. DIETZ and MARY A. DIETZ, citizens of the United States, and residing at Oakland, in the county of Alameda and State of California, have invented a certain new and useful Dust-Pan, of which the following is a specification.

Our invention relates to that class of dust-pans which are moved along the floor or carpet, and into which the dust or débris is to be swept.

It consists of a dust-chamber inclosed on all sides, except a suitable opening, which is left at the front to receive and discharge dust and litter. The front of the chamber is provided with a lip or apron, and back of the lip or apron beneath is formed a concavity, in which is placed a weight. A loop is attached to the back or rear side of this chamber, which serves as a handle, and also as a shoe upon which the dust-pan is moved along the floor or carpet, all of which will be hereinafter more fully described.

In the accompanying drawings, forming a part of this specification, and to which reference is had, Figure 1 is a perspective view. Fig. 2 is a cross-sectional view.

Similar letters of reference are used to designate like parts throughout the several views.

In the manufacture of our dust-pan we inclose it so as to form a dust-chamber, A, into which chamber the sweepings from the floor are received. This chamber is provided with the cover A'. The front portion of the base-plate is bent to form a double incline, B B'. The outer incline, B, serves in the capacity of an apron or lip over which the sweepings are carried by the broom, while the incline B' serves as a sliding medium, upon which the contents of the dust-pan pass out of the chamber in discharging. In this manner of con-

structing the base-plate a recess or concavity, C, is also formed upon the under face thereof, and along this recess we attach a weight, D, which may consist of a piece of wire or other metal, so that the dust-pan will rest more heavily upon the floor or carpet and not be so easily moved by the action of the broom in conveying the débris up the inclined apron or lip B.

To the rear end of the chamber we attach a loop, E, the lower part of which acts as a shoe to slightly elevate and move the dust-pan along the floor or carpet, which act of moving is accomplished by the use of the broom.

By this construction of dust-pan the dust can be easily and readily collected and held in the chamber without the annoyance of its rising in any considerable quantity; and, furthermore, as the pan is covered, the dust will not be carried out of the pan by a gust of wind or the sudden opening of a door in carrying it to a place of deposit, as in the use of the ordinary dust-pan.

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

A dust-pan consisting of a chamber, A, having a cover, A', and provided at the mouth thereof with double inclines B B', forming a recess, C, beneath for the reception of a weighted rod, D, a loop or shoe, E, being attached at the rear, substantially as and for the purposes specified.

In testimony that we claim the foregoing we have hereunto set our hands this 3d day of February, 1881.

EMMA L. DIETZ.
MARY A. DIETZ.

Witnesses:

WILLIAM HARNEY,
WILMER BRADFORD.