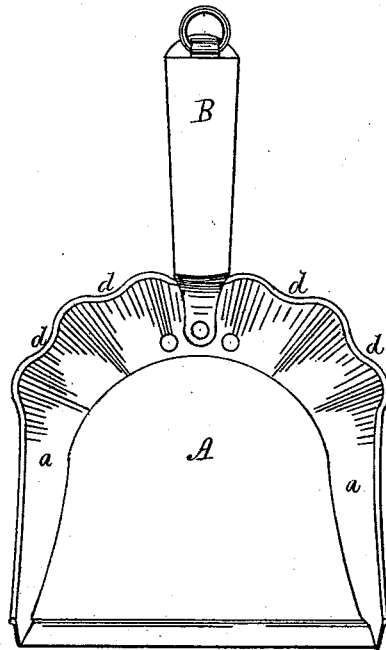


I. S. LAUBACK.

DUST-PAN.

No. 190,499.

Patented May 8, 1877.



Witnesses.
N. H. Sherburne
N. Cowles

Inventor:
Isaac S. Lauback
By *Guidley & Sherburne*
Attys.

UNITED STATES PATENT OFFICE.

ISAAC S. LAUBACK, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN DUST-PANS.

Specification forming part of Letters Patent No. **190,499**, dated May 8, 1877; application filed September 21, 1876.

To all whom it may concern:

Be it known that I, ISAAC S. LAUBACK, of Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Dust-Pans; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which the figure represents a general plan or top view of a dust-pan embodying my said invention.

The object of my invention is to simplify the construction of dust-pans, so as to lessen the cost of manufacture, and make them stronger and more durable.

To that end my invention consists in the novel construction of the body of the pan, as is hereinafter described.

In the drawing, A represents the body of the pan, which is made of any suitable sheet metal commonly used in the manufacture of dust-pans. B is the handle, which is also made of sheet metal, and is riveted or otherwise secured to the body A, in the usual manner. The blank from which the body is formed is first cut in the shape desired, and the outer edge thereof is then strengthened or stiffened by wiring, in the usual manner; or the edge may be turned over or hemmed, as may be preferred. The blank is then stamped in shape, to form the body of the pan, by means of suitable dies of the required form, which will bend the blank so as to form an upward-projecting flange, *a*, extending across the back

and on each side of the body, as shown in the drawing.

The flange at the back of the body describes an arc of a circle, and is concaved toward the base or bottom of the pan, and is bent at its upper edge, so as to form a series of corrugations, *d*, as shown, the object of said corrugations being to strengthen the body of the pan, and take up and utilize the surplus metal.

I am aware that dust-pans have been made having the flange at the back, arranged at a right angle to the flanges at the sides, and wired or hemmed at the upper edge of the flange, after the blank has been formed in the shape desired, which requires more labor to manufacture them, and they cannot be made with the ease and accuracy as when made by first wiring or hemming the blank, as above described. By my said method I am enabled to furnish a cheaper and better finished article, and with a much less loss of imperfect blanks in the process of manufacture.

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

As a new article of manufacture, a dust-pan having the body thereof made circular at the back, and from a single piece of sheet metal hemmed or wired at its upper edge, said wired or hemmed edge portion being corrugated with the rest of the back, substantially as and for the purpose specified.

ISAAC S. LAUBACK.

Witnesses:

HENRY S. SLAYMAKER,
W. J. COTWIN.