

F. C. MASON & J. W. SHANAHAN.

CARPET SWEEPER.

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1,042,134.

Patented Oct. 22, 1912.

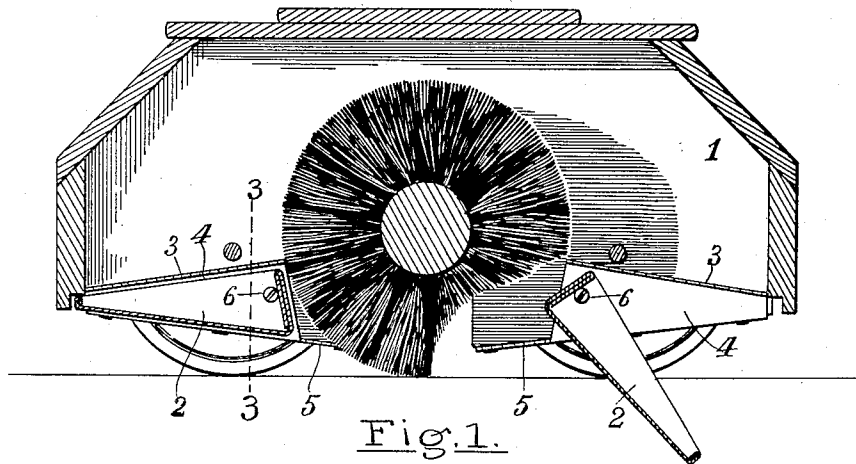


Fig. 1.

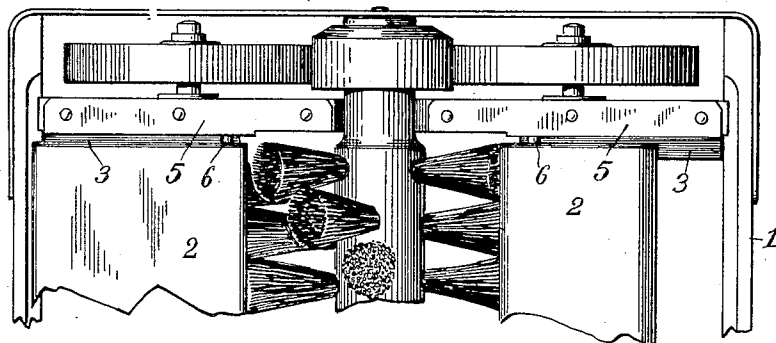


Fig. 2.

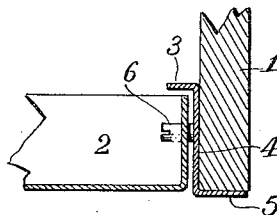


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

FRANCIS C. MASON AND JOHN W. SHANAHAN, OF GRAND RAPIDS, MICHIGAN,
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CARPET-SWEEPER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, FRANCIS C. MASON and JOHN W. SHANAHAN, citizens of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Carpet-Sweepers; and we 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.

Our invention relates to improvements in carpet sweepers and more particularly to such sweepers having dust pans pivoted between the end walls near the bottom thereof, and its object is to provide means for preventing the escape of dust between the ends of the dust pan and the end walls of the case, and to provide the device with various new and useful features hereinafter more fully described and particularly pointed out in the claim reference being had to the accompanying drawings, in which:—

Figure 1 is a transverse vertical section of a carpet sweeper with our invention applied thereto; Fig. 2 a detail of one end of the device shown in inverted plan view; and Fig. 3 a vertical sectional detail somewhat enlarged showing one end of the pan and portion of the end wall.

Like numbers refer to like parts in all of the figures.

1 represents the case of the carpet sweeper and 2 the dust pans pivoted at 6, all as usually constructed.

Our device consists preferably of a piece

of sheet metal of suitable shape having an inwardly projecting portion extending horizontally inward over the space between the end of the pan and the inner surface of the end of the case thence extending downward on the inner surface of the end of the case as at 4 to the bottom thereof, and thence outward beneath the end of the case and attached thereto as at 5. The inwardly bent portion 3 thus serves to cover the narrow space between the end of the pan and the inner surface of the end of the case thus preventing the escape of dust through said opening. The lower part 5 extending beneath the end of the case and secured thereto serves as a metal facing for this edge to protect the same from wear.

The operation and utility of this device is obvious without further explanation.

What we claim is:—

A carpet sweeper, comprising a case, a dust pan pivoted between the end walls of the case and spaced apart therefrom, a sheet metal member having an upper portion extending inward from the end wall close above the end of the pan and over the space between the same and said end wall, thence extending downward between the said pan and wall and thence outward beneath the end wall and secured thereto.

In testimony whereof we affix our signatures in presence of two witnesses.

FRANCIS C. MASON.
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Witnesses:

PALMER A. JONES,
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