

1,064,982.

E. C. MURDICK.  
CARPET SWEEPER.  
APPLICATION FILED JULY 26, 1911.

Patented June 17, 1913.

Fig. 1.

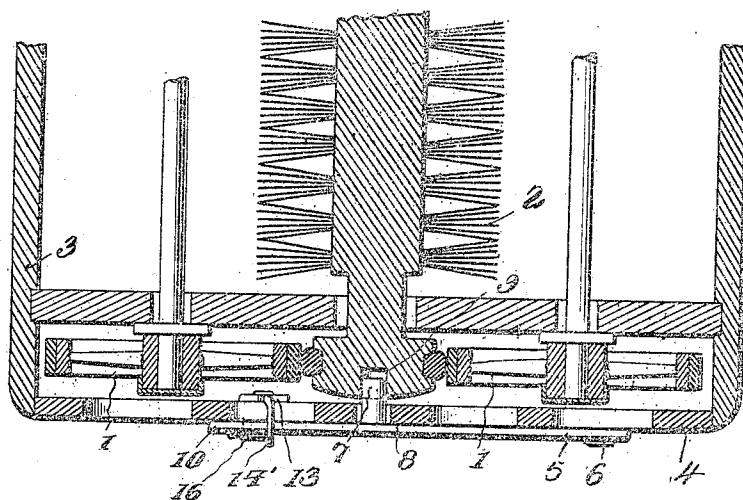


Fig. 2.

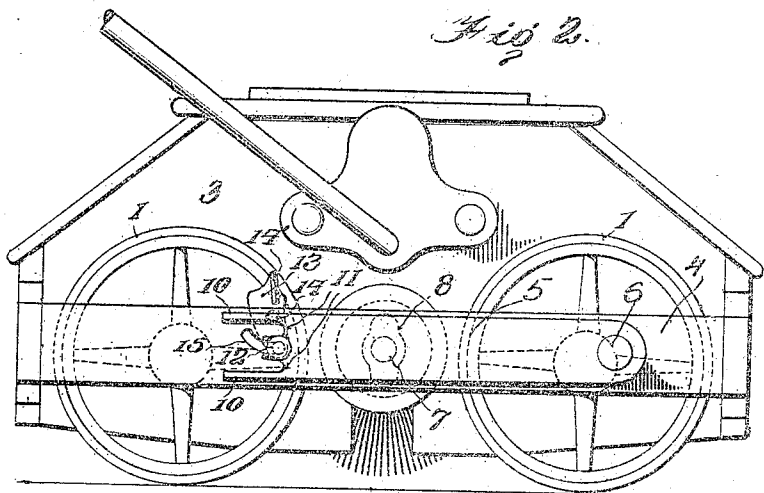
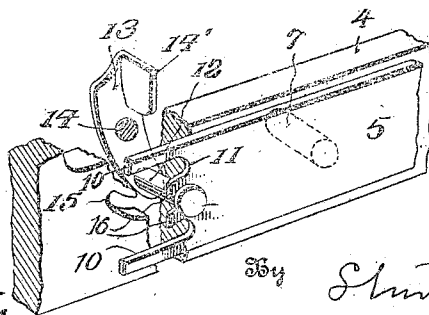


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

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CARPET-SWEEPER.

1,064,982.

Specification of Letters Patent.

Patented June 17, 1913.

Application filed July 26, 1911. Serial No. 640,673.

*To all whom it may concern:*

Be it known that I, EVERETT C. MURDICK, a citizen of the United States, residing at Newark, in the county of Essex, State of New Jersey, have invented certain new and useful Improvements in Carpet-Sweepers, of which the following is a description, reference being had to the accompanying drawing and to the letters and figures of reference marked thereon.

My invention relates to carpet sweepers, and is more particularly an improvement on the carpet sweeper patented to me March 29th, 1904, No. 746,042.

The object of the present invention is to provide an improved means for brush adjustment whereby the brush may be adjusted vertically, whereby it may engage the carpet more or less deeply, according to the texture thereof, such adjustment providing the variations in the amount of nap on the various kinds of carpets or rugs.

Broadly speaking, adjustable bearings for the brushes of carpet sweepers are not new, but my invention consists more particularly in an adjustment for the type of sweeper set forth in the aforesaid patent, in which the case is provided with an end band, the brush with an end socket, and a flat spring piece lying along the end band carries a pin entering said socket, the spring piece being free at one end.

More particularly, the present invention consists in provision for the slight vertical swinging of the spring piece to vary the vertical position of the brush, with means for holding the spring piece securely in the position to which it may be moved.

The invention is illustrated in the accompanying drawings, in which,—

Figure 1 is a horizontal section of a portion of a carpet sweeper embodying my invention; Fig. 2 is an end view; and Fig. 3 a detail view of the lever and lock.

In these drawings, reference may be had to my former patent for a general description of the sweeper, 1, 1, being the sweeper wheels; 2 the brush, and 3 the case. The end band is shown at 4 and 5 is the spring piece which is riveted at 6 to the end band. The spring piece carries the pin 7, which passes through a vertical slot 8 in the end band into a socket 9, in the end of the brush.

In the present invention, the spring piece 5 has the projecting finger holds 10, and the end of the body portion between the finger pieces is formed with a plurality of open end slots 11, adapted to receive a pin 12 on the lower end of a finger lever 13, pivoted at 14 to the end band, and having a finger or thumb piece 14'. The pin 12 moves in a curved slot 15 in the end band, and is preferably headed, as shown in Fig. 3, the head engaging the slightly upturned ends 16 of the finger holds 10, so that the spring piece 5 is firmly held in flat position against the end band.

The operation will be readily understood. Assuming the parts in the position shown in Fig. 2, and another adjustment of the brush is desired, the finger lever 13 is swung to draw the pin 12 out of the slot with which it is in engagement, the piece 5 is swung up or down as the case may be to move the brush up or down, and the lever 13 then manipulated to lock the piece 5 in its new position.

If desired to remove the brush, of course, the piece 5 must be swung out horizontally to release the pin 7 from the socket 9.

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

1. In a carpet sweeper the combination of a case, a brush with an end socket, a member mounted on the case and carrying a pin to be received into said socket, said member being supported so as to swing vertically and having a series of slots formed adjacent the free end thereof, a pin adapted to engage one of said slots for holding said member in adjusted position, and means for moving the pin from one slot to another.

2. In a carpet sweeper, the combination of a case with an end band, a brush with an end socket, and a member lying along the end band carrying a pin to be received into such socket, said member being supported so as to swing vertically, and having a series of slots formed adjacent its free end, and a swinging lever having a pin adapted to engage said slots.

3. In a carpet sweeper, the combination of a case with an end band, a brush with an end socket, and a member lying along the end band carrying a pin to be received into

such socket, said member being supported  
so as to swing vertically and having a series  
of slots formed adjacent its free end with  
outwardly turned side walls, and a swing-  
5 ing lever having a pin engaging said slots,  
said pin being headed to frictionally engage  
the outwardly turned side walls.

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

EVERETT C. MURDICK.

Witnesses:

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