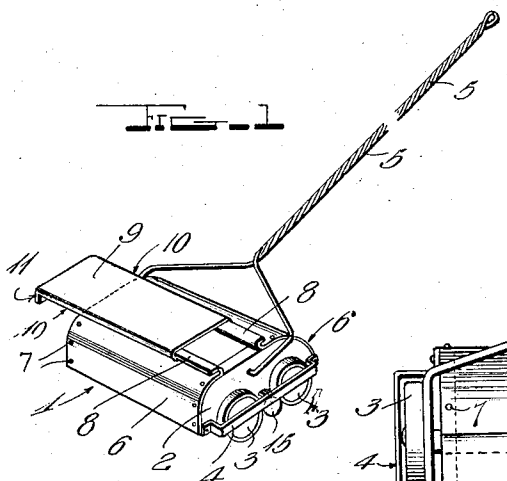
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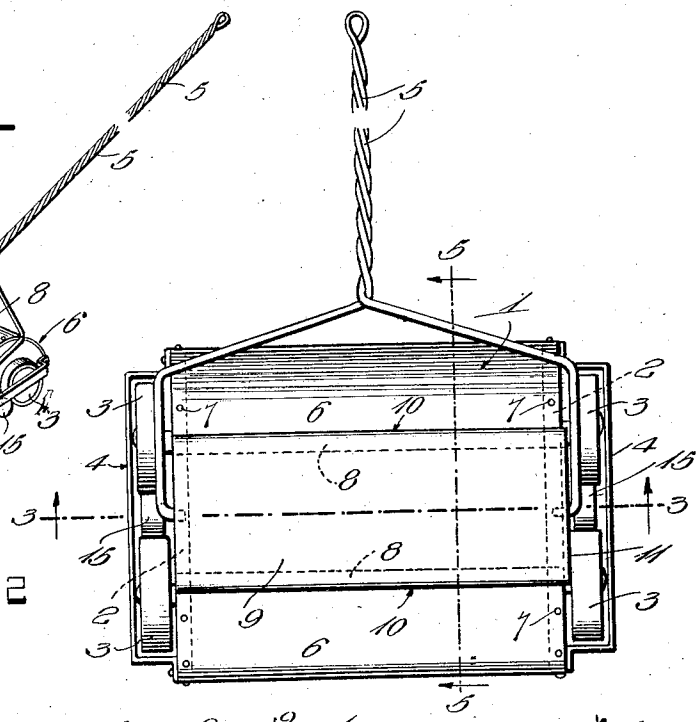
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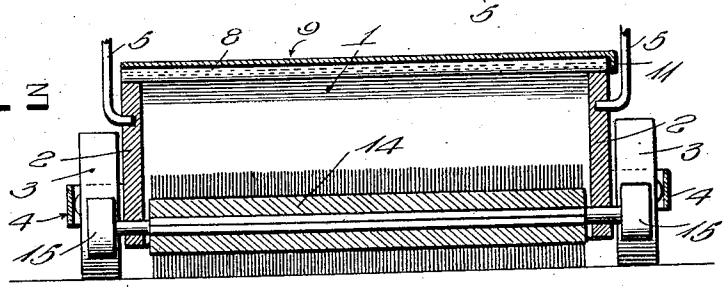
C. A. SNIDER

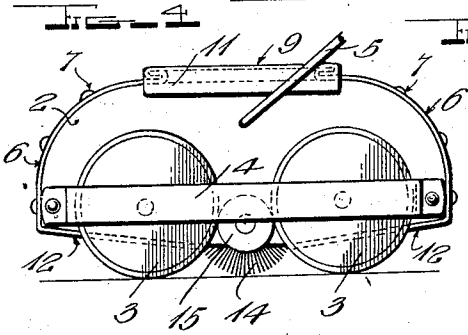
TOY CARPET SWEEPER

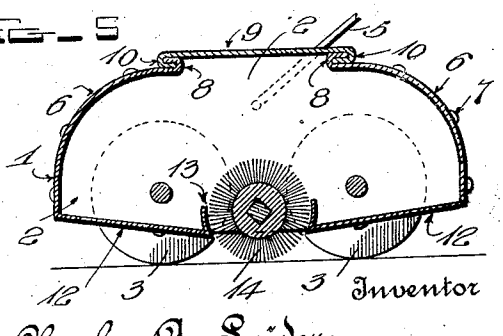
Filed Nov. 26, 1923











Witness

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By H. B. Williamson & Co

Attorneys

Patented Jan. 4, 1927. 1,613,062

UNITED STATES PATENT OFFICE.

CHARLES A. SNIDER, OF STREATOR, ILLINOIS.

TOY CARPET SWEEPER.

Application filed November 26, 1923. Serial No. 677,151.

My invention relates to improvements in carpet sweepers and has reference more particularly to toy devices of this character, the object being to provide a novel form of dirt-receiving casing having a dust tight slidable cover plate at its top, adapted to be opened for discharging the contents of the casing.

With the foregoing in view, the invention resides in the novel subject matter hereinafter described and claimed, the description being supplemented by the accompanying drawing.

Figure 1 is a perspective view of a toy carpet sweeper constructed in accordance with my invention, showing the cover plate partly open.

Figure 2 is a top plan view.

Figure 3 is a transverse sectional view on line 3—3 of Fig. 2.

Figure 4 is an end elevation.

Figure 5 is a transverse sectional view as indicated by line 5—5 of Fig. 3.

In the drawing above briefly described, the numeral 1 designates a dirt collecting casing having opposed side walls 2, with which supporting and brush-driving wheels 3 are associated, said wheels being preferably mounted within strip-metal frames 4 secured to the side walls 2. These side walls are preferably formed of wood and a suitable handle 5 may be connected therewith, said handle being preferably formed of twisted wire with a casing engaging bail at its lower end as shown.

Front and rear metal sheets 6 are secured to the front and rear edges of the sides 2 and have their upper portions bent inwardly at 7 and secured to the upper edges of said sides, said upper portion of the sheets 6 however, being terminated in spaced relation and having their free edges bent to form channel-shaped parallel tracks 8 extending throughout the transverse width of the casing 1. A slidable cover plate 9 has its edges 10 in interlocking sliding engagement with the tracks 8 and in the present showing, said edges 10 are bent downwardly and inwardly to form flanges received in the channels of said tracks. One end of the cover plate 9 is preferably bent downwardly to provide a flange 11 to lie against one of the sides 2 and which forms a stop, when the plate is moved to its closed position, in which it is held closed by friction and is further held against opening movement in one direction by said flange and in the other direction by one of the side members of the bail on the lower end of the handle. The cover plate 9 by reason of its interlocking sliding engagement with the edges of the upper portions of the sheets 6 will securely hold said upper portions in position should the nails or fastening devices which secure the sheets to the side walls of the casing become loose.

In the present showing, the lower portions of the metal sheets 6 are bent inwardly as indicated at 12 and secured to the lower edges of the sides 2, said portions 12 terminating in spaced relation to form a slot 13 receiving a rotary brush 14 whose ends are provided with rollers 15 engaging and driven by the wheels 3.

It will be seen that the device is simple and inexpensive, yet will afford a great deal of pleasure to children, and as there are no pivoted bottom sections for the casing, there is little danger of any dust and dirt sifting out of the latter onto the floor. In order to dump the contents of the casing, it is necessary to totally or partially open the cover plate 9 and invert the casing.

As excellent results are obtainable from the details disclosed, they are preferably followed, but within the scope of the invention as claimed, numerous minor changes may be made.

I claim:

A carpet sweeper comprising a dirt collecting casing consisting of parallel side walls, a pair of metal sheets secured to the front and rear ends of said side walls, the upper portions of said sheets being bent inwardly and secured to the upper edges of said side walls but terminating in spaced relation to form a dirt discharging opening said sheets being bent back upon themselves at the front and rear edges of said opening to form parallel tracks, a cover plate having its side walls bent downwardly and inwardly to form flanges for sliding engagement with side tracks.

In testimony whereof I have hereunto affixed my signature.

CHARLES A. SNIDER.