

No. 763,888.

PATENTED JUNE 28, 1904.

H. A. HAYDEN.
WINDOW CLEANER OR THE LIKE.

APPLICATION FILED NOV. 6, 1903.

NO MODEL.

Fig. 1.

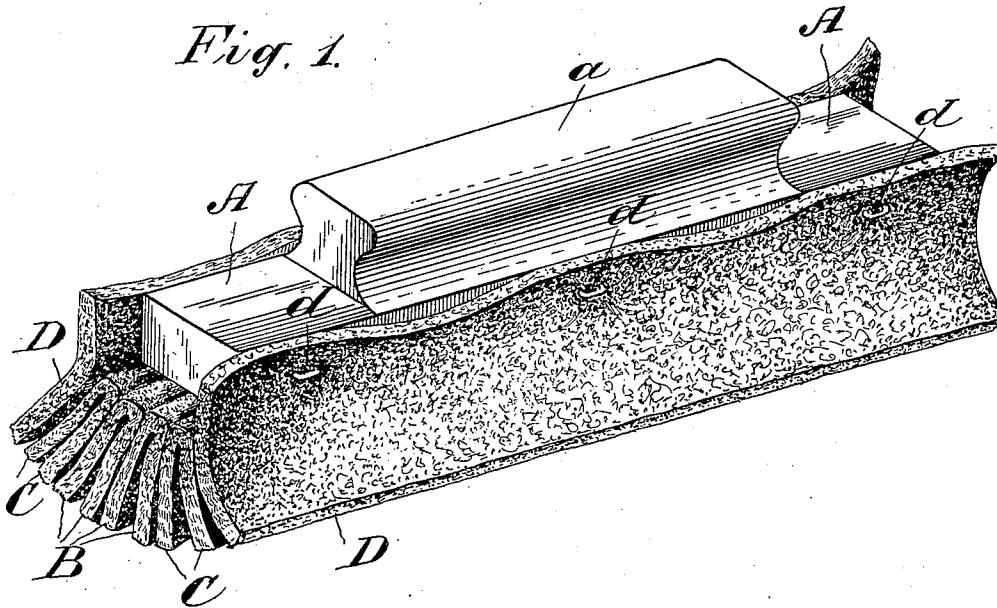


Fig. 2.

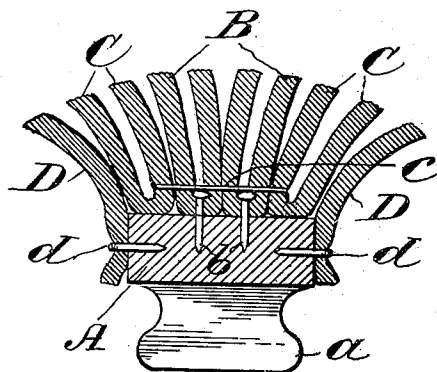
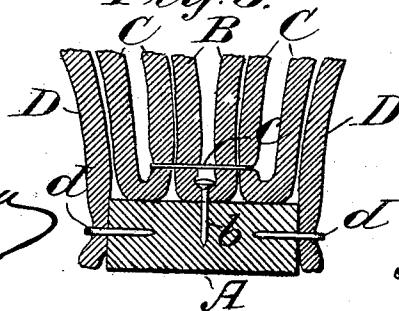


Fig. 3.



WITNESSES:

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HENRY A. HAYDEN, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO
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WINDOW-CLEANER OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 763,888, dated June 28, 1904.

Original application filed July 8, 1903, Serial No. 164,740. Divided and this application filed November 6, 1903. Serial No. 180,020. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. HAYDEN, of Jersey City, Hudson county, New Jersey, have invented certain new and useful Improvements in Window-Cleaners or the Like, of which the following is a specification.

This invention relates to means in the nature of a brush for cleaning the glass in windows and for like uses, and is a division of my application for Letters Patent, Serial No. 164,740, filed July 8, 1903. The present cleaner is shown in that application merely for the purpose of illustration, but is not claimed therein.

The object of the present invention is to provide a window-cleaner of which the absorbent material is of felt applied and combined in folded and plain strips in a novel manner.

In the accompanying drawings, which illustrate an embodiment of the invention, Figure 1 is a perspective view of the cleaner, and Fig. 2 is a cross-section thereof. Fig. 3 is a view similar to Fig. 2, but showing a less number of plies of felt.

A designates a block of wood, forming the back of the cleaner. This block may have a grip *a*, as seen in Figs. 1 and 2, for convenience in grasping it. The felt consists of two longitudinally-folded strips B, each secured to the block by tacks or nails *b*, driven through the bight of the fold, two lateral longitudinally-folded strips C, held in place by thread *c*, sewed through one ply of the fold of each strip C and through both the plies of the central strips B, and two plain or single-ply side strips D, secured to the sides of the block by tacks or nails *d*. All of the felt strips extend beyond the ends of the block, and they are cut square, so as to be able with them to clean the corners of the glass pane or light next the sash.

Fig. 3 illustrates a construction where only one central strip B is employed and wherein the grip *a* is omitted. Otherwise the construction is the same as that seen in Fig. 2.

Obviously any suitable securing means may be employed in lieu of the tacks *b* and *d* and wire may be substituted for the thread *c*. A wide brush may have two or three folded strips B of the felt fabric and a narrow brush but one.

Having thus described my invention, I claim—

1. An implement for the purpose specified, comprising a block, a longitudinally-folded strip of felt secured to the face of the block at its bight, two similar folded strips of felt embracing the first-named strip and secured thereto by threads, and two laterally-disposed strips of felt embracing and applied to the lateral faces of the block and secured thereto, said strips of felt all extending beyond the ends of the block to a substantially equal extent.

2. An implement for the purpose specified, comprising a block A, of wood, a strip or strips B of thick felt fabric folded along the middle and secured at the bight to the face of the block, two folded strips C, C, embracing the strips B, and having their adjacent plies secured to the strips B by threads *c*, and the single, non-folded strips of felt D, applied to and secured to the respective lateral faces of the block, as set forth.

In witness whereof I have hereunto signed my name, this 5th day of November, 1903, in the presence of two subscribing witnesses.

HENRY A. HAYDEN.

Witnesses:

HENRY HOSE,
WILLIAM J. FIRTH.