

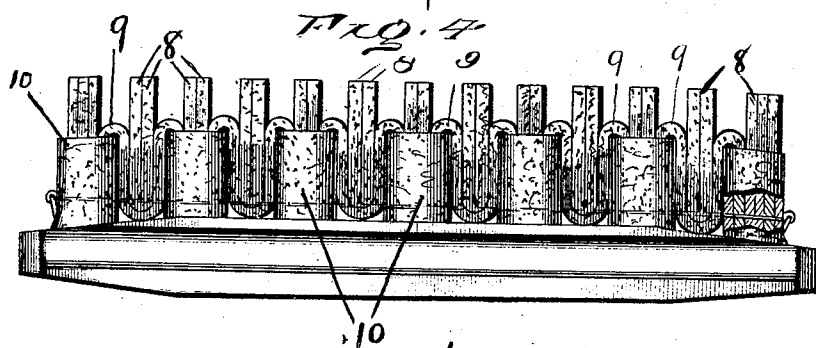
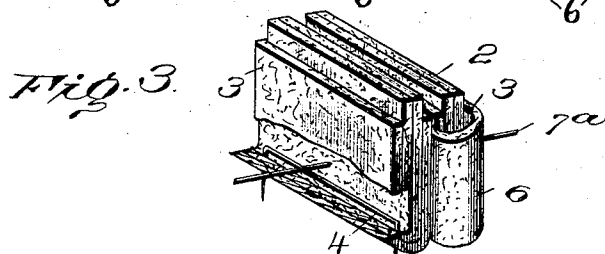
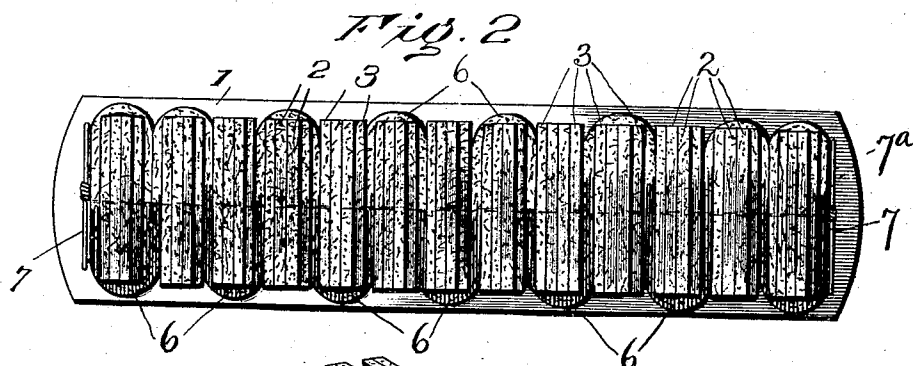
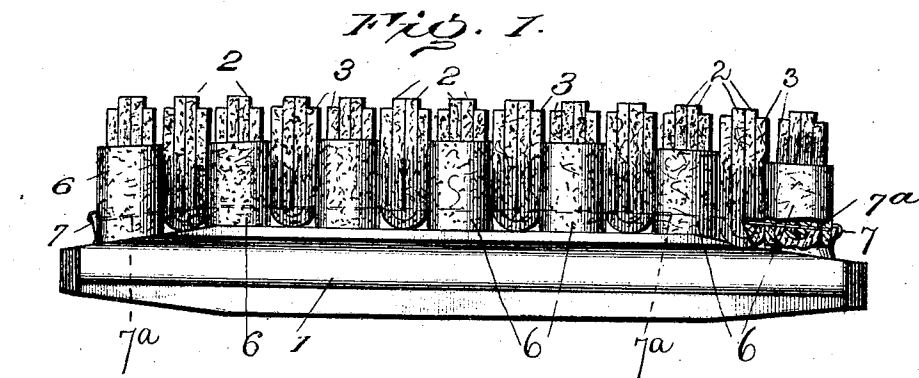
No. 768,715.

PATENTED AUG. 30, 1904.

W. W. WORCESTER.
SHOE POLISHING IMPLEMENT.

APPLICATION FILED AUG. 26, 1902.

NO MODEL.



Witnesses

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WILLIAM W. WORCESTER, OF MANSFIELD, OHIO.

SHOE-POLISHING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 768,715, dated August 30, 1904.

Application filed August 26, 1902. Serial No. 121,134. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. WORCESTER, a citizen of the United States of America, and a resident of Mansfield, in the county of Richland, State of Ohio, have invented certain new and useful Improvements in Shoe-Polishing Implements, of which the following is a specification.

This invention relates to an improvement on that style of shoe-polishing brushes shown in my United States Patents Nos. 605,533 and 671,873, dated June 14, 1898, and April 9, 1901, respectively.

The object of my invention is to provide a brush of the character shown in the aforesaid patents which will have all the advantages of the former brushes and yet be considerably cheaper in manufacture and more serviceable in use. I have found that the bristles are likely to wear through the convoluted fabric, and in the present brush I have arranged to dispense with the use of bristles and provide as a substitute a wrapping which holds the fabric in its proper position.

My invention therefore consists in the peculiar construction, arrangement, and combinations of parts as hereinafter more particularly described and then definitely set forth by the claims at the end hereof.

In the accompanying drawings, which represent my improved brush, Figure 1 is a side elevation of my brush. Fig. 2 is a top plan of the same. Fig. 3 is a perspective view of several of the polishing-strips and a portion of the stiffening-strip detached, the former being broken away to show one of the staples by which the strips are held in position. Fig. 4 is a side elevation of a modification with the lower right-hand end partly broken away to show in section the construction of the parts.

Referring now to the details of the drawings by numerals, and particularly to Figs. 1, 2, and 3, 1 indicates the support or handle, to which are secured a series of pieces of fabric 2 and 3, which are doubled upon themselves, as clearly shown, and which have their free edges projecting away from the support or handle 1. These pieces of fabric are secured to the support or handle 1 by means of brads or staples 4, as clearly shown in Fig. 3. It

will be noticed that the inner fabric 2 projects slightly above the other fabric 3; but this is not absolutely necessary. To hold these series of fabric 2 and 3 in their proper positions and to some extent take the place of the bristles shown in my aforesaid patents, I employ a strip of fabric 6, which is lapped around the fabrics 2 and 3, as clearly shown in Fig. 2. This strip, where it passes around the outer end of each of the laps 2 and 3, is secured to the brush or support 1 by staples 7 at each end of the brush, and to prevent the strip 6 from creeping out of position between the ends I run a wire or equivalent fastening device 7^a through all the layers of fabric and tie the ends of the wire to the staples 7, as clearly shown in Fig. 1 of the drawings.

In Fig. 4 I illustrate my improved brush with a convoluted fabric like that shown in my before-mentioned patents. In this case 8 indicates the polishing-strips doubled upon themselves, and between these strips and the support or handle is passed the convoluted fabric 9, and around both of them is passed a wrapping-strip 10, which is identical with the strip 6 shown in Figs. 1 and 2.

The brush hereinbefore described will be found very durable in use, as it is formed completely of fabric, and there is no stiff body, such as bristles, to wear through the fabric, as in the brushes heretofore constructed.

What I claim as new is—

1. As a new article of manufacture, a polishing instrument comprising a block or handle, a series of independent polishing-strips secured to said block or handle and having their free ends projecting therefrom and forming the polishing-surfaces, and a stiffening-strip wrapped around said polishing-strips by passing in and out of the same transversely thereof, substantially as described.

2. As a new article of manufacture, a polishing instrument comprising a block or handle, a series of polishing-strips secured to said block or handle and having their free ends projecting therefrom and forming the polishing-surfaces, a stiffening-strip wrapped around said polishing-strips by passing in and out of the same transversely thereof, and a fastening device passing through all of said

polishing-strips and through the stiffening-strip, substantially as described.

3. As a new article of manufacture, a polishing implement comprising a block or handle, a deeply-convoluted strip secured thereto, independent polishing-strips secured between said convolutions, the said polishing-strips having their upper ends free, and a stiffening-strip wrapped around said convoluted strip and the polishing-strip by being passed transversely in and out through the same, substantially as described.

4. As a new article of manufacture, a polishing implement comprising a block or handle, a deeply-convoluted strip secured thereto,

independent polishing-strips secured between said convolutions, the said polishing-strips having their upper ends free, a stiffening-strip wrapped around said convoluted strip and the polishing-strip by being passed transversely in and out through the same, and a securing device passing through all of said polishing-strips, the convoluted strips and the stiffening-strip, substantially as described.

Signed by me at Mansfield, Richland county, Ohio, this 21st day of August, 1902:

WILLIAM W. WORCESTER.

Witnesses:

W. L. NEYMAN,

WM. McE. WELDON.