

No. 747,902.

PATENTED DEC. 22, 1903.

W. H. BENNETT.  
BRUSH.

APPLICATION FILED JAN. 17, 1903.

NO MODEL.

Figure 1

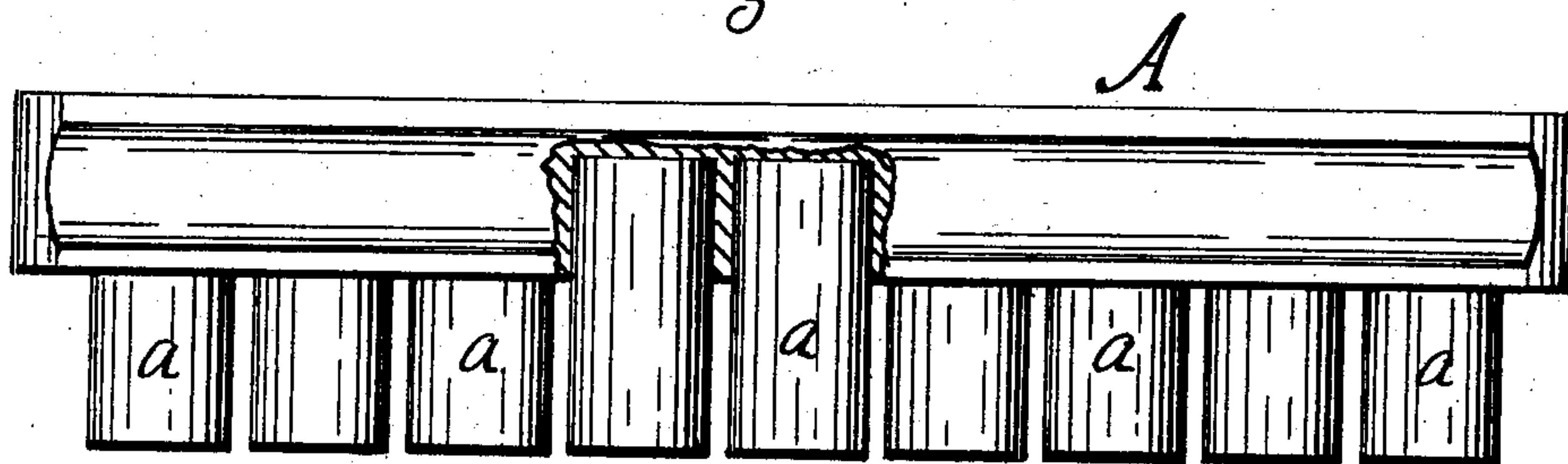


Fig. 2



Fig. 3

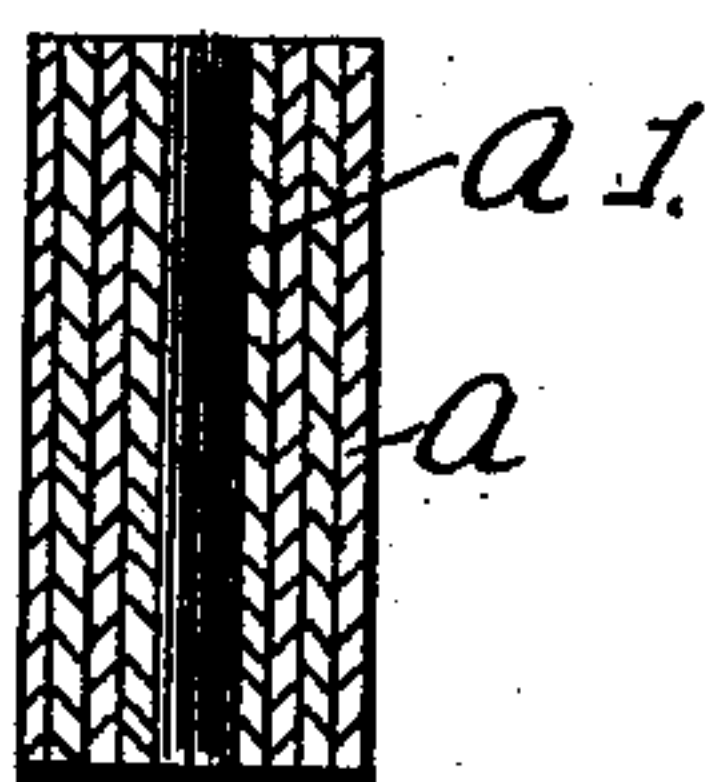


Fig. 4



Witnesses:  
A. Paul Morris.  
Joseph Lee Humphrey.

Inventor:  
William H. Bennett.  
By W. H. Cooley, Atty.

# UNITED STATES PATENT OFFICE.

WILLIAM H. BENNETT, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF  
TO LOVASSO FIELD, OF ROCHESTER, NEW YORK.

## BRUSH.

SPECIFICATION forming part of Letters Patent No. 747,902, dated December 22, 1903.

Application filed January 17, 1903. Serial No. 139,449. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. BENNETT, a citizen of the United States, and a resident of Rochester, in the county of Monroe and State of New York, have invented an Improved Brush, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of my brush with a portion of the back A thereof broken away so as to show the method of inserting two of the rolls *a* therein. Fig. 2 is a side view; Fig. 3, a vertical central sectional view, while Fig. 4 is an end view of one of such rolls *a*.

The purpose of my present invention is the economical construction of a durable and efficient brush more especially adapted to the polishing of shoes and which will combine all the advantages of a cloth or felt polisher without the disadvantages found in such brushes as usually constructed in that they are not durable and do not readily yield to various conformations of and wrinkles and creases in the shoes to be polished thereby.

My brush consists, as shown in Fig. 1, in a back piece A, of wood or similar material, having a series of circular holes therein, within which are secured in a manner to be explained the rolls *a*, consisting in a ribbon of felt or similar fabric tightly rolled or wound upon a core of bristles composed of a suitably flexible and elastic material. These rolls *a* when so formed are of such a size as to fit very tightly within the holes in the wooden back *a*, into which they are inserted after having their ends dipped in and thoroughly saturated with suitable cementing material, such as glue. There may be three or any desired number of these rolls crosswise of the brush, which may also be of any desired length and formed of any desired number of such rolls *a* lengthwise of the brush.

The advantages of such a brush are that the central core of bristles *a'* helps to main-

tain the rolls in their proper normal position in the brush—that is, projected at right angles with the lower face thereof—and the conformation of these rolls, their flexibility and elasticity, owing to the core of bristles *a'* in the center of each one thereof, is such as to permit them to readily yield to the conformation of the shoe or object to be brushed, and the arrangement of the felt in the roll in the way shown is such as to produce a very durable brush and one which may be subjected to almost any amount of harsh or rough treatment without materially injuring the rolls. A brush of this kind has also been found to serve a very good purpose as a clothes-brush, operating to readily remove lint or dust from the surface of ordinary wearing-apparel, as well as for many other purposes.

What I claim is—

1. In a brush, in combination with a suitable support therefor, a brushing-surface comprising a core of unattached bristles of suitably flexible and elastic material and a strip of fabric encircling the same.

2. In a brush, in combination with a suitable support therefor, a brushing-surface comprising a core of unattached bristles of suitably flexible and elastic material and a strip of fabric coiled upon itself around such core.

3. In a brush, in combination with a suitable support therefor, a strip of fabric coiled upon itself and around a core of unattached bristles of suitably flexible and elastic material arranged transversely to such strip of fabric.

4. In a brush, in combination with a suitable support therefor, a strip of fabric encircling a core of unattached bristles of suitably flexible and elastic material arranged transversely to such strip of fabric.

WILLIAM H. BENNETT.

Witnesses:

WM. H. COOLEY,  
A. PEARL MOORE.