

No. 682,280.

Patented Sept. 10, 1901.

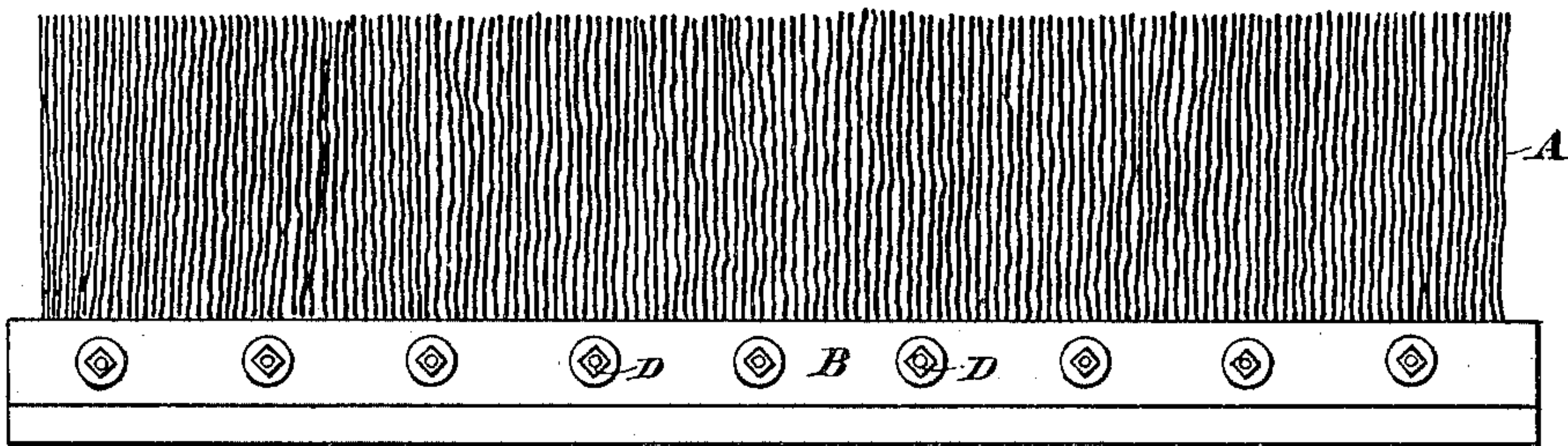
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BROOM FOR STREET SWEEPING OR OTHER ROUGH SWEEPING.

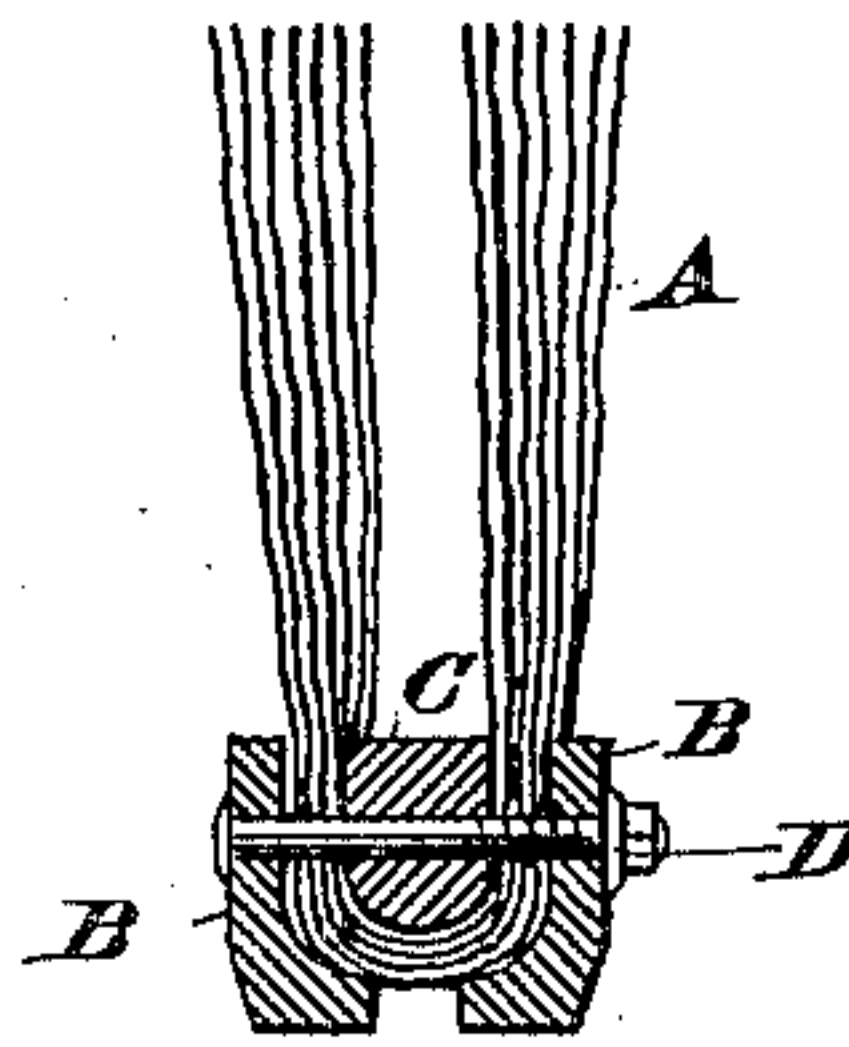
(Application filed Apr. 19, 1901.)

(No Model.)

*Fig. 1.*



*Fig. 2.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ANDREW SCHAEFER, OF LOUISVILLE, KENTUCKY.

## BROOM FOR STREET-SWEEPING OR OTHER ROUGH SWEEPING.

SPECIFICATION forming part of Letters Patent No. 682,280, dated September 10, 1901.

Application filed April 19, 1901. Serial No. 56,545. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW SCHAEFER, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Brooms for Street-Sweeping and other Rough Sweeping; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to brooms for sweeping streets or similar rough-sweeping work.

In the drawings, Figure 1 is a side elevation of my improved broom complete. Fig. 2 is a vertical transverse sectional view of same.

I use for the sweeping part of my broom a slender cane, (represented in the drawings by the letter A,) known as "Mexican bass," which has the qualities of strength and imperviousness to moisture that make it specially adapted to street-sweeping.

B B represent longitudinal strips of wood made half U-shaped on one side, as shown in Fig. 2, which form the side braces of my broom.

C is a longitudinal bar of wood, rectangular except on its lower edge, which is rounded, as also shown in Fig. 2.

D D indicate bolts threaded at one end to receive a screw-nut.

I construct my broom by placing the side braces B B parallel to each other, with the curved surfaces facing and the curved part down, as shown in Fig. 2, and sufficiently far apart to leave room between them for the cane and the bar C. The cane is then spread

evenly and to the desired thickness upon the side braces, care being taken to have it project to the same length on each side. The bar C is then laid, with its curved edge downward, along the top of the cane, midway between the side braces, and pressed down, bending the cane till its middle portion is jammed tight between the bar C and the sides and bottoms of the side braces B, as shown in Fig. 2. Holes are then made through the side pieces and center bar, through which bolts D are passed. Screw-nuts are then placed on the threaded ends of these bolts and tightened to hold all the parts together.

My broom may be made of any desired length for use in street-sweeping machines or may be made short for hand-sweeping. In the latter case a handle is fastened to the back.

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

A broom, comprehending two separated side braces having laterally-extending lower ends which project toward but not into contact with each other, bent bristles located between said side braces, a longitudinal bar located between the sides of the bristles and serving to force and hold the closed ends of the bent bristles upon said laterally-extending ends of the side braces and also to hold said bristles against the inner surfaces of said side braces, and transverse bolts for securing the parts together.

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

ANDREW SCHAEFER.

Witnesses:

C. M. BLAKE,  
JNO. B. TILFORD.