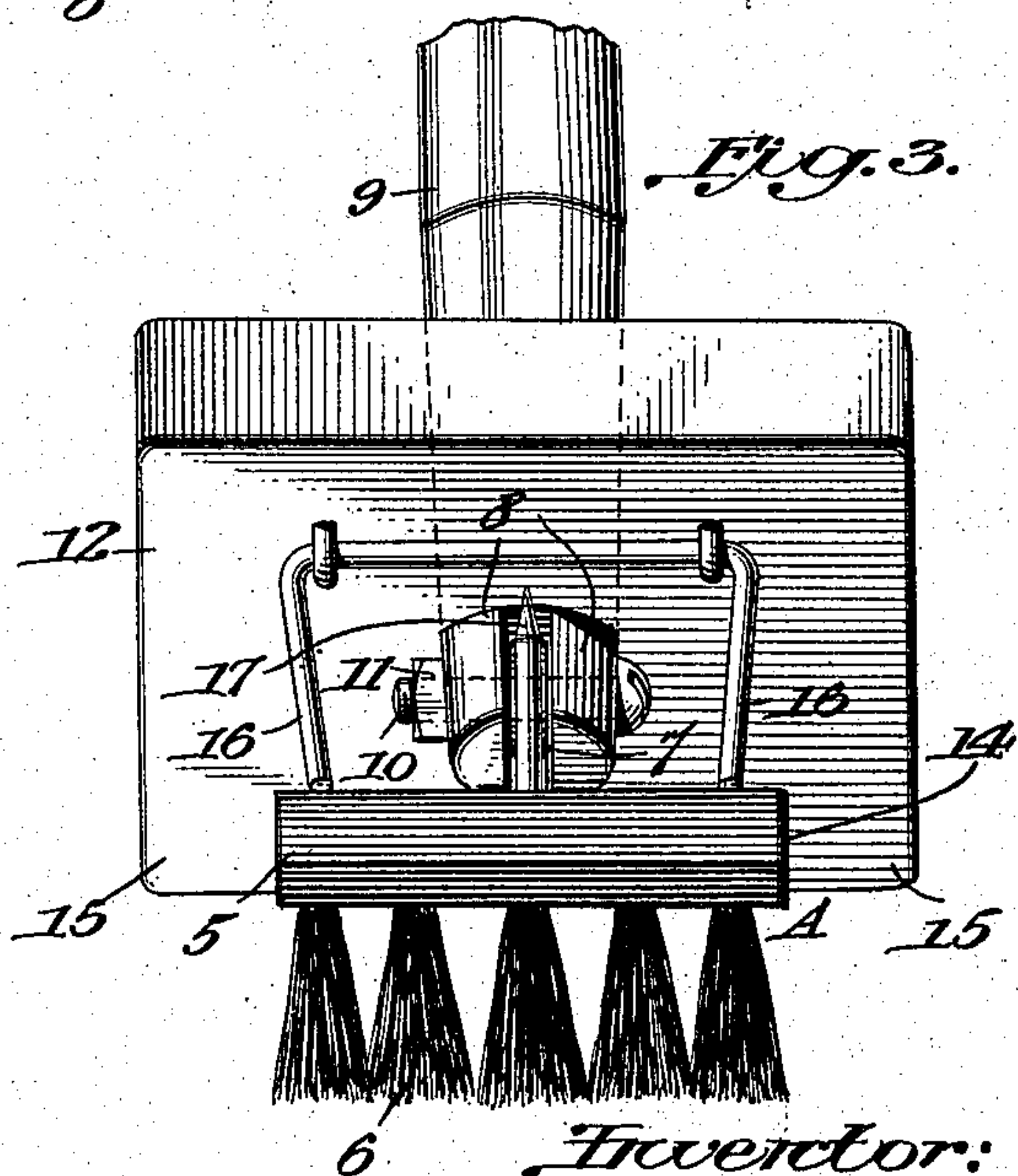
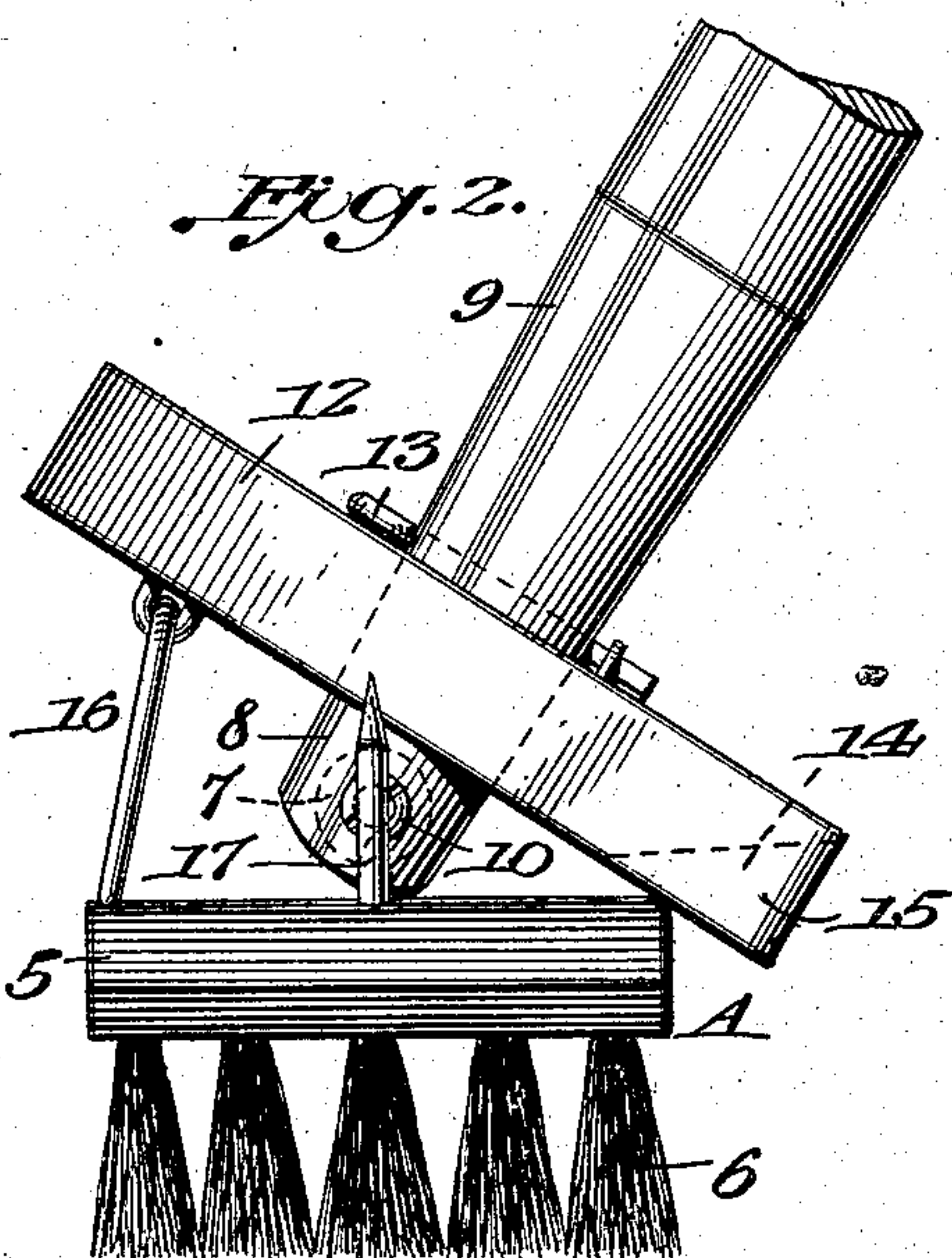
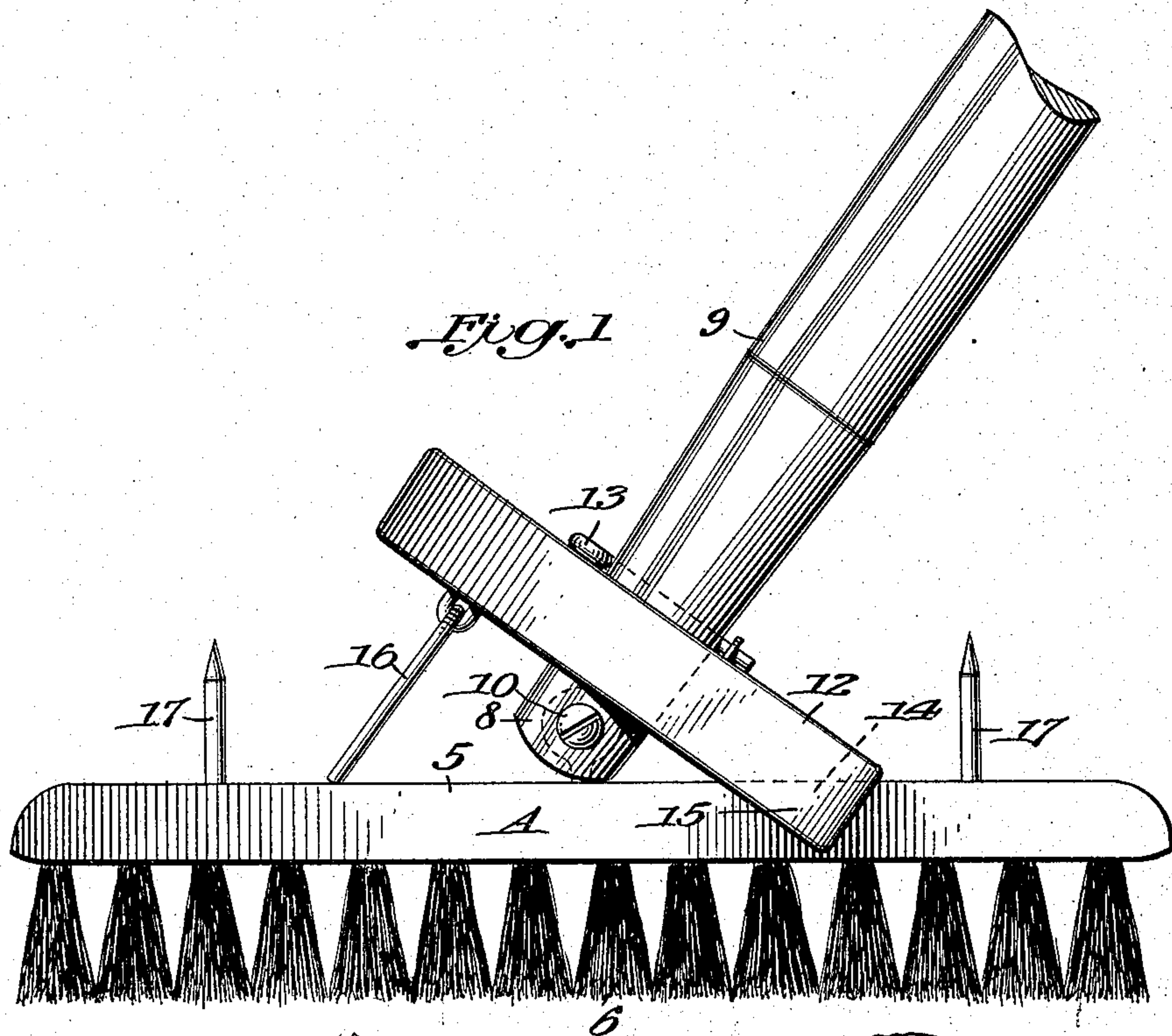


J. T. PHARES.
STAND-UP SCRUBBING BRUSH.
APPLICATION FILED JAN. 22, 1915.

1,167,215.

Patented Jan. 4, 1916.



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES T. PHARES, OF CARLINVILLE, ILLINOIS.

STAND-UP SCRUBBING-BRUSH.

1,167,215.

Specification of Letters Patent.

Patented Jan. 4, 1916.

Application filed January 22, 1915. Serial No. 3,839.

To all whom it may concern:

Be it known that I, JAMES T. PHARES, a citizen of the United States, residing at Carlinville, in the county of Macoupin and the State of Illinois, have invented new and useful Improvements in Stand-Up Scrubbing-Brushes, of which the following is a specification.

This invention relates to scrubbing brushes, and more particularly to the handle therefor, the object being to construct and associate the handle with the brush in a manner to permit the same to be adjusted in an inclined position in the direction of either the transverse or longitudinal center lines of the brush, with means for holding the handle in adjusted position, whereby the brush can be moved over the surface to be cleaned in either a longitudinal or transverse position with respect to the handle.

The invention further contemplates a construction of a device of this character, whereby if one side or end portion of the brush should wear beyond use prior to the remaining portion of the brush, the handle being capable of being adjusted to extend beyond either end or side of the brush and permits use of the latter until the cleaning surface thereof is completely worn beyond further use.

I further aim to provide a device of this character provided with means for connecting the ends of a piece of cloth or other suitable material to the brush which is adapted to cover the bristles thereof, when it is desired to use the brush for brushing walls, polished surfaces or the like.

Other objects of the invention will appear as the nature of the same is better understood from the following description, wherein the specific construction and arrangement of parts are fully set forth in the claims.

In the drawing forming part of this application like numerals of reference indicate similar parts in the several views and wherein:

Figure 1 is a side elevation of the brush showing the handle in one of its adjusted positions. Fig. 2 is an end view of the device with the parts in position as shown in Fig. 1. Fig. 3 is an end view showing the handle in another of its adjusted positions.

Referring more particularly to the drawing A indicates generally a scrubbing brush

of ordinary well known construction including the back 5 and bristles 6. Adjustably secured to the back 5 at a point approximately centrally thereof is a screw eye 7 adapted to be received between the bifurcated portions 8 at the lower end of the handle 9, a fastening bolt 10 being passed through said bifurcated portions and eye and secured therein by means of a nut 11. This construction obviously provides a pivotal connection between the brush A and the handle whereby the latter is permitted to assume an angular inclined position as shown.

Mounted upon the handle 9 is a block 12, having a centrally disposed opening through which the handle projects, the block being supported upon the handle adjacent the lower end thereof by means of the bolt 10, and the nut 11, a cotter pin 13 passing through a suitable opening in the handle above the block and serving to hold the block operatively associated with the handle. The under side of the block at one end thereof is recessed as at 14, the separated portions 15 defined by the recess being adapted to embrace the opposite side edges of the back 5 of the brush, when the handle is in the position shown in Fig. 1. The block 12 in this position serves to limit the pivotal movement of the handle in one direction, while swingingly mounted upon the under side of the block 12 at the opposite end thereof is a substantially U-shaped locking element 16, the parallel limbs of which are adapted to engage, and bear against the upper surface of the back 5 to prevent pivotal movement of the handle in an opposite direction, thereby maintaining the handle at the proper degree of inclination to permit the brush to be conveniently handled by the user in an upright position.

With the fact borne in mind that the brush is susceptible for use in various capacities, it is sometimes desirable to have the brush proper disposed transversely with relation to the handle 9, and the construction hereinabove described and illustrated provides an adjustment to obtain this arrangement of parts. For instance when it is desired to arrange the brush from the position shown in Fig. 1 to the position shown in Fig. 3, it is only necessary to lift the locking element 16 out of engagement with the back 5 of the brush, which permits

of the handle being moved upon its pivot to vertical position. Subsequent to this arrangement either the brush A or handle 9 may be partly rotated by reason of the screw eye connection between these parts to assume the relative position disclosed in Fig. 3. As shown in Fig. 3 the block 12 is adapted to engage one of the longitudinal edges of the back 5, while the locking element 16 bears against the upper surface of the back 5 to maintain the parts fixed relatively in this position. It will be further noted that by reason of the angular disposition of the block 12 with respect to the brush A, when the latter is disposed transversely as shown in Fig. 3, the block 12 serves to prevent casual rotation of either the handle or brush upon the screw eye connection 7. The separated portions 15 of the block when arranged at the opposite sides of the brush A serve to prevent casual rotation between the parts when the same are in the position shown in Fig. 1.

Rising from the back 5 of the brush adjacent the opposite ends thereof are pointed studs 17 adapted to connect the opposite ends of the cloth or other piece of material passed longitudinally around the brush, when a soft cleaning surface is desired for the purpose of brushing a wall, polished surface or the like.

It is believed that from the foregoing description the nature and advantages of the invention will be thoroughly understood without requiring a more extended explanation and therefore the same has been omitted. However I desire to have it understood that I do not limit myself to the precise construction and arrangement of parts herein illustrated and described, and that various changes in this respect may be

resorted to when desired as fall within the scope of the appended claims.

What is claimed is:—

1. A brush, a handle rising therefrom and adjustably associated therewith, and adapted to extend at an inclination beyond either side or end of the brush, a block mounted on the handle for engagement with the brush to limit the adjustment of the handle in one direction, and means for holding said handle against movement in an opposite direction.

2. A brush, a handle rising therefrom and adjustably associated therewith and adapted to extend at an inclination beyond either side or end of the brush, a block mounted upon the handle for engagement with said brush to limit the adjustment of the handle in one direction, and a locking element supported by the block for engagement with the brush to hold said handle against movement in an opposite direction.

3. A brush, a handle therefor, a connection between the brush and handle, said connection pivotally supporting said handle and provided for relative rotation between said members, a block mounted upon the handle for engagement with the brush to limit the pivotal movement of the handle in one direction and to prevent casual rotation of the said handle or brush, and a locking element carried by said block for engagement with the brush to prevent pivotal movement of the handle in an opposite direction.

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

JAMES T. PHARES.

Witnesses:

W. R. SMITH,
H. M. BLAENER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."