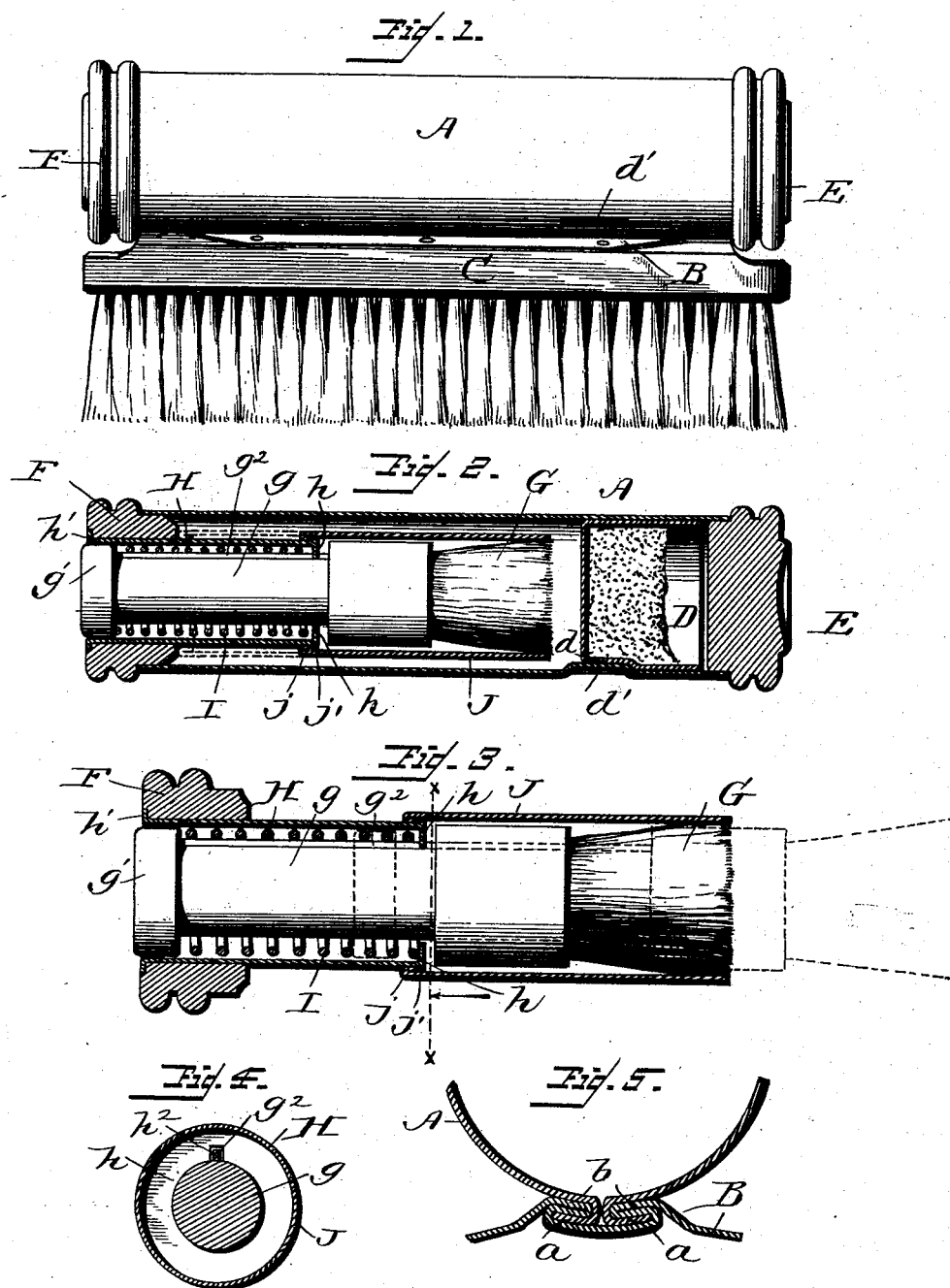


(No Model.)

T. HASWELL.
BLACKING BRUSH.

No. 491,105.

Patented Feb. 7, 1893.



Witnesses
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UNITED STATES PATENT OFFICE.

THEODORE HASWELL, OF DENVER, COLORADO, ASSIGNOR TO WILLIAM S. HASWELL, OF SAME PLACE.

BLACKING-BRUSH.

SPECIFICATION forming part of Letters Patent No. 491,105, dated February 7, 1893.

Application filed July 5, 1892. Serial No. 438,990. (No model.)

To all whom it may concern:

Be it known that I, THEODORE HASWELL, a citizen of the United States, residing at Denver, in the county of Arapahoe, State of Colorado, have invented certain new and useful Improvements in Blacking-Brushes; and I do hereby 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.

My invention relates to hollow or tubular handles for brushes.

The object of the invention is to combine with a tubular or hollow handle a box to receive blacking or other composition, and a dauber, the latter being so constructed as to keep the brush from contact with the sides of the said handle and from soiling the hands when handling the same.

The improvement consists, of the novel features and the peculiar construction and combination of the parts which will be hereinafter more fully described and claimed and which are shown in the annexed drawings, in which;—

Figure 1 is a side elevation of a brush having my improved handle applied thereto. Fig. 2 is a central longitudinal section of a tubular handle embodying my invention. Fig. 3 is a central longitudinal section of the dauber on a larger scale, showing the case or sleeve drawn out to its fullest extent, and showing the brush projected beyond the case and the plunger pressed in by dotted lines. Fig. 4 is a cross section on the line X—X of Fig. 3. Fig. 5 is a detail view showing the manner of connecting the meeting edges of the sheet metal plate that forms the handle.

The hollow or tubular handle H may be of any approved form of construction, but is preferably constructed of sheet metal which is rolled into cylindrical form and has its meeting edges re-curved or provided with outer flanges *a* which are adapted to be engaged by corresponding inner flanges *b* of the plate B, which latter forms means of connecting the said handle with the back of the brush C.

The box D for receiving the blacking or other composition is constructed to slip in

one end of the tubular handle and be retained in place therein by a depression *d* in the side of said box receiving a corresponding projection *d'* on the inner side of the said handle. This projection *d'* is formed preferably by swaging or pressing inward a portion of the side of said handle. The cap or plug E which is provided to close one end of the handle A also closes the open end of the box D. The opposite end of the handle is closed by the head or handle of the dauber G, which latter is adapted to be inserted within the said handle H.

The handle H is tubular and its lower end is provided with an inner flange *h* and its upper end extends through the head F and is provided with an outer flange *h'* to retain the said head F in its position. The shank or stem *g* carrying the dauber G at its lower end is adapted to work in the tubular handle H and is provided at its upper end with a shoulder *g'*. The shank or stem *g* is slightly smaller than the handle H so as to leave an annular space between it and the sides of the said handle H to receive the spring I. This spring is mounted on said shank *g* and is confined between the shoulder *g'* and the flange *h* and serves to hold the dauber in a withdrawn position. A rib *g²* provided on a side of the shank *g* works through a notch *h²* in the flange *h* and serves to hold the dauber and handle in a relative position. The case or sleeve J mounted on the handle H and adapted to slide thereon, is provided to protect and form a shield for the dauber. The inner end of the case or sleeve J is provided with an inner flange *j* which forms a stop and which is adapted to engage with a corresponding stop *j'* on the handle and limits the outward movement of the said case or sleeve.

When not in use the sleeve or case J is drawn out so as to conceal and cover the dauber, thereby protecting the said dauber and preventing the soiling of the hands by contact therewith. After the dauber has been disengaged from the handle it may be exposed for use in one of two ways either by pressing on the outer end of the shank *g* sufficiently to project the said dauber beyond the sleeve or case J, as shown by the dotted

lines in Fig. 3, or, by drawing the sleeve or casing J back on the handle H, as indicated by the dotted lines in Fig. 2. When the sleeve J is drawn out to its fullest extent, as shown in Fig. 3, and the shank *g* is pressed upon to project the dauber beyond the end of the said sleeve, the latter is held projected when in use by any well known expedient usually by keeping the finger on the end of the said shank *g*.

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

1. The combination with a brush of a tubular handle formed from sheet metal and having outer flanges at the meeting edges of the sheet metal piece forming the said handle, and a metal plate having inner flanges to engage with the said outer flanges for purposes of securing the parts together, substantially as set forth.

2. The combination with a tubular handle for brushes having a projection in its side, of a box adapted to be inserted in the open end of said handle and having a corresponding depression to receive the said projection and a cap to close the said handle and box, substantially as specified.

3. The combination with a tubular handle having a stop *h*, of a dauber having a shank to be inserted and work within the said handle, and having a shoulder *g'*, and a spiral spring mounted on the said shank and confined between the said stop *h* and the shoulder *g'* to return the said shank within the tubular handle when released, substantially as described.

4. The herein described dauber having its shank provided with a shoulder *g'*, the tubular handle H to receive the shank of the dauber which is adapted to work therein, and having inner flange *h*, the spiral spring mounted on the shank of the dauber and held between the shoulder *g'* and the flange *h* and adapted to return the said shank within the handle when released, and a sleeve or case constructed to slide on the handle to cover or uncover the dauber, substantially as and for the purpose described.

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

THEODORE HASWELL.

Witnesses:

G. L. BLUM,
WM. F. THEBUS.