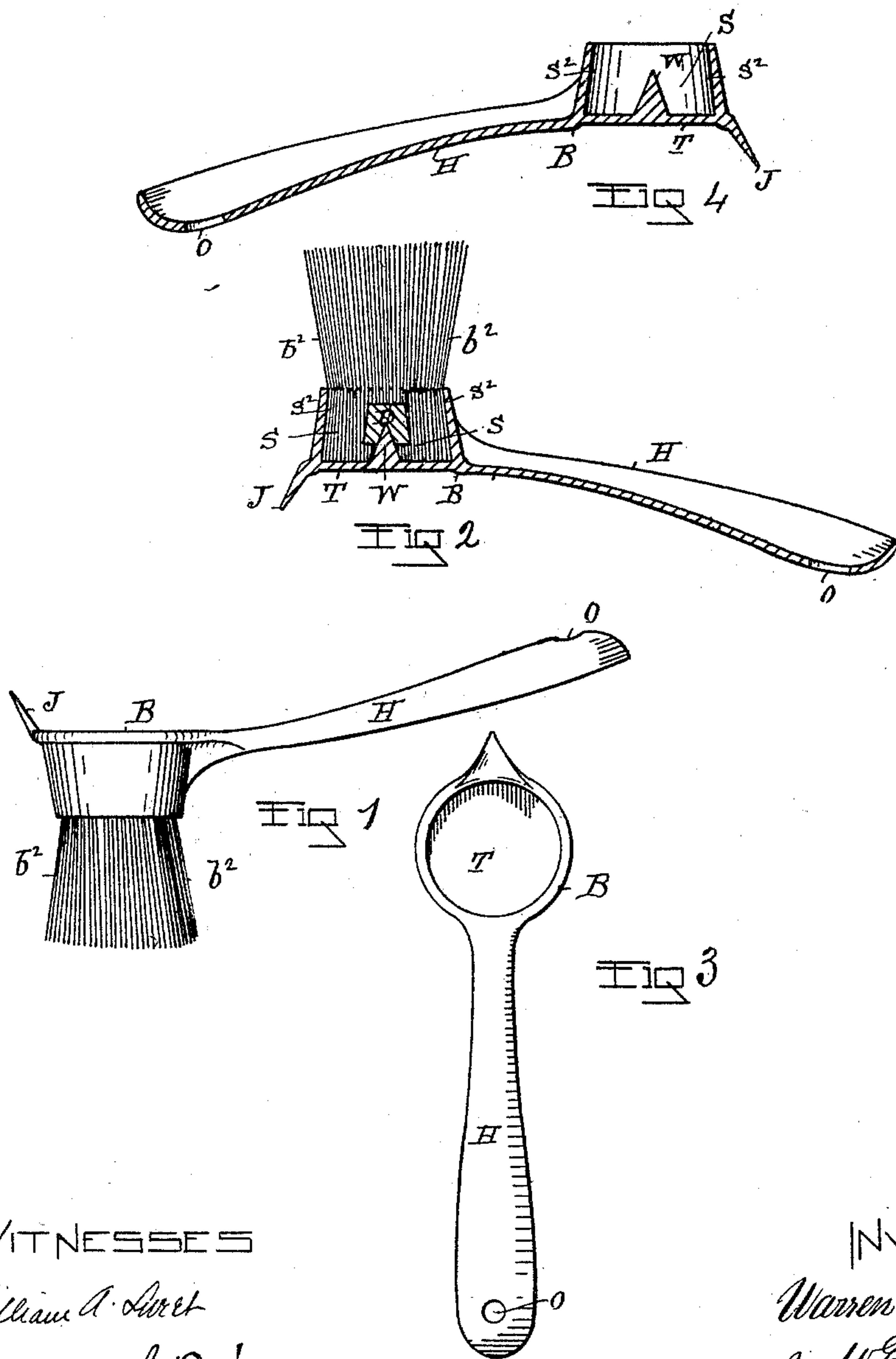


(No Model.)

W. T. KELLOGG.
DAUBER BRUSH.

No. 497,722.

Patented May 16, 1893.



WITNESSES

William A. Loret

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UNITED STATES PATENT OFFICE.

WARREN T. KELLOGG, OF LANSINGBURG, NEW YORK, ASSIGNOR TO THE
EMPIRE PORTABLE FORGE COMPANY, OF SAME PLACE.

DAUBER-BRUSH.

SPECIFICATION forming part of Letters Patent No. 497,722, dated May 16, 1893.

Application filed July 25, 1892. Serial No. 441,081. (No model.)

To all whom it may concern:

Be it known that I, WARREN T. KELLOGG, of the village of Lansingburg, Rensselaer county, State of New York, have invented
5 new and useful Improvements in Dauber-Brushes, of which the following is a specification.

My invention relates to improvements in dauber-brushes and these improvements have
10 for their object the better adaptation of this class of devices to the uses for which they are designed, and these better conditions of construction are accomplished by combining with the body-part of the brush a new
15 and improved means for securing the bristles therein, as will be more fully detailed hereinafter and set forth in the claim.

Accompanying this specification to form a part of it there is a sheet of drawings containing four figures illustrating my invention with the same designation of parts by
20 letter reference used in all of them.

Of the illustrations Figure 1, is a side elevation of my improved dauber-brush. Fig. 2, is a central vertical section taken from end to end through the body-part, the brush-
25 proper, and the handle. Fig. 3, is a top view of the same dauber-brush, and Fig. 4, is a section taken centrally from end to end of the single casting forming the body-part, the handle, the spur and bristles securing wedge or cone made in the bottom of the bristle
30 socket.

These several parts of the dauber-brush thus
35 illustrated are designated by letter reference and the function of the parts is described as follows:

The letter B, designates the body-part, W, a cone or wedge inwardly projected from the
40 top T, of the socket S. The letter J, indicates a spur projected obtusely from the top of the body-part, and H, the handle; all of which parts can be made in one piece of casting.

45 The letter b^2 , designate the bristles forming the brush-proper, and these bristles have one of each of their ends as bunched together inserted in the socket S, the sides of which S^2 , taper outwardly as extended interiorly.

50 The letter D, designates a plug of wood that is forced in between the bristles centrally, and by means of a setting tool is

driven in on to the end of the cone or wedge W, the latter entering the plug or block as it is forced inwardly causing it to spread apart
55 and split, and thus securely wedge the bristles within the socket S, the inwardly inclined sides of the latter co-operating with the cone or wedge to firmly hold the bristles therein. 60

The letter O designates a hole made in the end of the handle by which the brush may be hung up when not in use.

Preferably the handle, the socket S, and the cone or wedge W, are made in one piece
65 of casting, although the body-part made with the socket S, and the wedge W, may be used in connection with the plug or block D, if desired, with the handle made separately
70 from the body-part. As thus made the bristles forming the brush-proper are firmly held in place within a metal socket, and more securely so than when held therein by cement alone, and the difficulty of making a good
75 cemented union of the bristles with a metal socket is avoided by the application of my improvement.

The exterior form and configuration of the dauber-brush herein shown apart from the functional construction of the parts is made
80 the subject of another application for Letters Patent of a design and by the undersigned filed in the Patent Office July 19, 1892, Serial No. 440,540, and is disclaimed herein.

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

The combination with a dauber-brush body made with a bristles receiving socket, and a closed top—of a wedge or cone inwardly projected from the socket top, and a plug of
90 wood entered centrally between the bristles where within the socket, said plug being driven inwardly in contact with said cone or wedge substantially in the manner as and for
95 the purposes set forth.

Signed at Lansingburg, New York, this 15th day of July, 1892, and in the presence of the two witnesses whose names are hereto written.

WARREN T. KELLOGG.

Witnesses:

W. M. KELLOGG,

H. H. SHIELDS.