

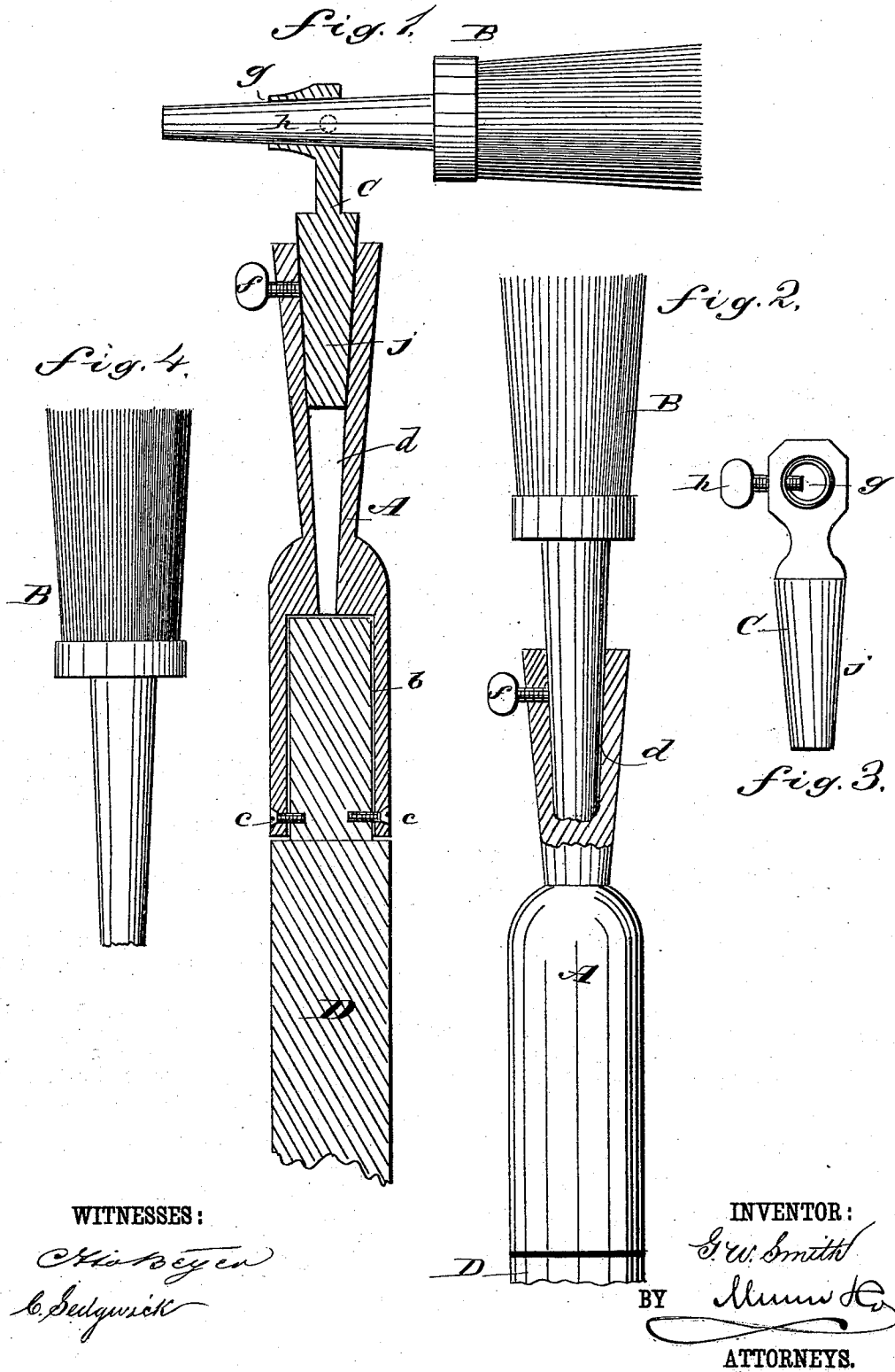
(Model.)

G. W. SMITH.

EXTENSION HANDLE FOR PAINT BRUSHES.

No. 268,301.

Patented Nov. 28, 1882.



WITNESSES:

Christy
C. Sedgwick

INVENTOR:

G. W. Smith

BY

Henry H.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE W. SMITH, OF BROOKLYN, NEW YORK.

EXTENSION-HANDLE FOR PAINT-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 268,301, dated November 28, 1882.

Application filed August 30, 1882. (Model.)

To all whom it may concern:

Be it known that I, GEORGE W. SMITH, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Extension-Handles for Paint-Brushes, of which the following is a full, clear, and exact description.

In painting surfaces—such as the roofs and outer walls of buildings, where little care is required—the painter often finds it convenient to use an extension-handle to his brush, so that he can, if painting a horizontal or nearly horizontal surface, apply the paint while standing erect, or, if painting a vertical surface, extend the space over which he can apply the paint without moving his position or support.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional elevation of my invention, showing the brush held in horizontal position. Fig. 2 is a broken sectional elevation, showing the brush held in vertical position. Fig. 3 is a front elevation of the removable socket-head; and Fig. 4 is a front elevation of the brush removed from the socket.

A represents the handle socket or stock, which is made preferably of cast-iron. B represents the brush, and C represents the removable socket-head for holding the brush in transverse position.

In the plain socket *b* of the stock A is secured, by the screws *c c*, the wooden handle D, which may be of any desired length, while in the tapering socket *d* may be secured, by the set-screw *f*, either the handle of the brush B, as shown in Fig. 2, or the shank *j* of the removable socket-head C, as shown in Fig. 1.

The socket-head C is preferably of metal, and the eye *g* thereof is made tapering and in a line transverse to the length of the head, and the head is provided with the set-screw *h*,

which reaches into the eye for holding the brush B, as shown in Fig. 1. The shank *j* of the head C is made tapering to fit the tapering socket *d*. If the surface to be painted is horizontal, or nearly so, and the painter desires to stand erect, the head C will be removed from the stock A, and the handle of the brush B will be removed from the eye of head C and placed in the stock A and held by the screw *f*, which will hold the brush in line with the stock A and handle D, as shown in Fig. 2; but if the surface is a vertical surface, the head C will be placed in the stock A and held by the set-screw *f*, and the handle of the brush will be placed in the eye *g* and held by the set-screw *h*, which will hold the brush at right angles to the stock A and handle D, as shown in Fig. 1.

The socket *d* of the stock A might be made a plain straight socket, in which case the shank *j* of the head C would be made straight to match; but since the handles to paint-brushes are always made tapering I prefer to make the socket tapering, thus adapting my invention to be used with brushes of all sizes, without using tapering bushings or other means for holding them.

I am aware that it is not new to provide the paint-stock with a socket, in which the brush-handle is held by a set-screw.

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

The socket-head C, having eye *g* and tapered shank *j*, in combination with screws *f h*, and the piece A, having sockets *b d*, whereby the brush shank and handle may be so connected as to bring the brush at right angles to the handle, as described.

GEORGE WOODHULL SMITH.

Witnesses:

PETER HAGGERTY,
DAVID L. LOPER.