

H. P. HOOD & G. W. JOSEPH.

Device for Attaching Handles to Brushes.

No. 165,582.

Patented July 13, 1875.

Fig. 1.

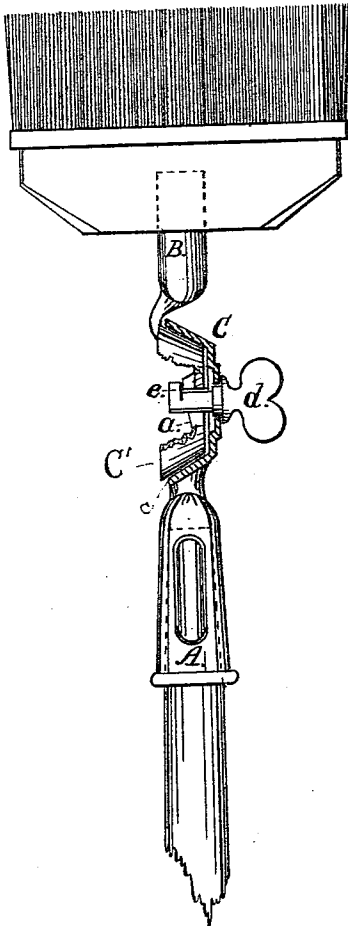
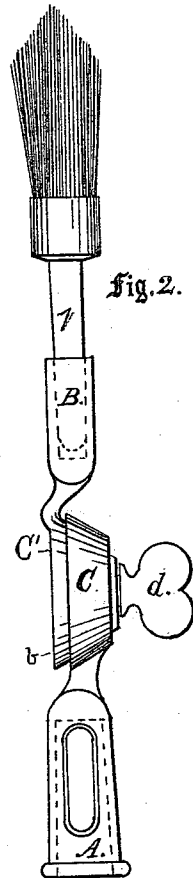


Fig. 2.



Witnesses:

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Inventors:

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UNITED STATES PATENT OFFICE.

HARRISON P. HOOD AND GEORGE W. JOSEPH, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN DEVICES FOR ATTACHING HANDLES TO BRUSHES.

Specification forming part of Letters Patent No. **165,582**, dated July 13, 1875; application filed May 31, 1875.

To all whom it may concern:

Be it known that we, HARRISON P. HOOD and GEORGE W. JOSEPH, of the city of Indianapolis, State of Indiana, have invented an Improved Device for Attaching Handles to Brushes, of which the following is a specification:

The object of our invention is to provide an improved means of attaching to handles that class of brushes which have heretofore been attached to handles by means of driving the end of the handle into a hole bored in the back or wooden portion of the brush, such as white-wash, wall, and window brushes.

It consists of a casting forming a socket for the reception of the handle, and another casting adapted to be driven into the hole in the wooden portion of the brush, or receive the handle of a paint-brush, the two castings being extended and forming, with a certain clamping device, a joint so constructed as to be capable of being made flexible or rigid at the will of the operator for the purpose of adjusting and holding the handle in different positions in relation to the brush.

The accompanying drawings illustrate our invention.

Figure 1 is an elevation, partly in section, showing our device applied to a whitewash-brush. Fig. 2 is a view of the same, showing the manner of applying a paint-brush. The joint is formed with tapering surfaces *b* and *c* clamped together by means of a key-bolt passing through the two parts *c* *c'*, and having a lug, *e*, engaging an inclined plane, *a*.

The part B is formed integral with a conical plate, *C'*, and upon the under surface of this plate is the incline *a* upon which the lug *e* of the key-bolt *d* works to secure the concave plate *C* to the said plate *C'*. The plate *C* is formed integral with the socket *A* and fits over plate *C'*, as shown. A set-screw may be used, if desired, to hold the brush-handle in

the socket B. *A* is the metal socket for the reception of the handle. *B* is the hollow metal stem, adapted to be inserted in the brush. The stem *B* may be made solid or tubular and tapering, as shown, in which latter case both paint and other brushes may be attached, as shown, the same device thus serving to hold large or small brushes and paint and whitewash brushes.

Our invention is of especial value for use with whitewash-brushes, as it becomes necessary to frequently change the position of the handle in their use.

The method heretofore in common use has been to have two or more holes in the wooden back of the brush and to change the handle from one hole to another. This accomplishes the desired result but imperfectly, and takes valuable time. With our device but one hole is required in the brush, and the stem *B* once inserted need never be removed.

By releasing the clamp the joint *C* *C'* is free to allow the brush to be placed at any angle in relation to the handle desired, and it may then be rigidly fastened in that position by turning the key-bolt, which causes the tapering sides of the joint to impinge, as shown in Fig. 1. No screws, nails, or clamps are required to attach our device to the brush, and it can be applied as easily as the ordinary handle. It is evident that this device can be readily attached to other devices than brushes.

What we claim, and desire to secure by Letters Patent, is—

A brush-handle attachment, consisting of a socket, *A*, stem *B*, the conical plates *C* *C'*, incline *a*, and clamp *d*, having lug *e*, as described.

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Witnesses:

TOM P. VANCE,
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