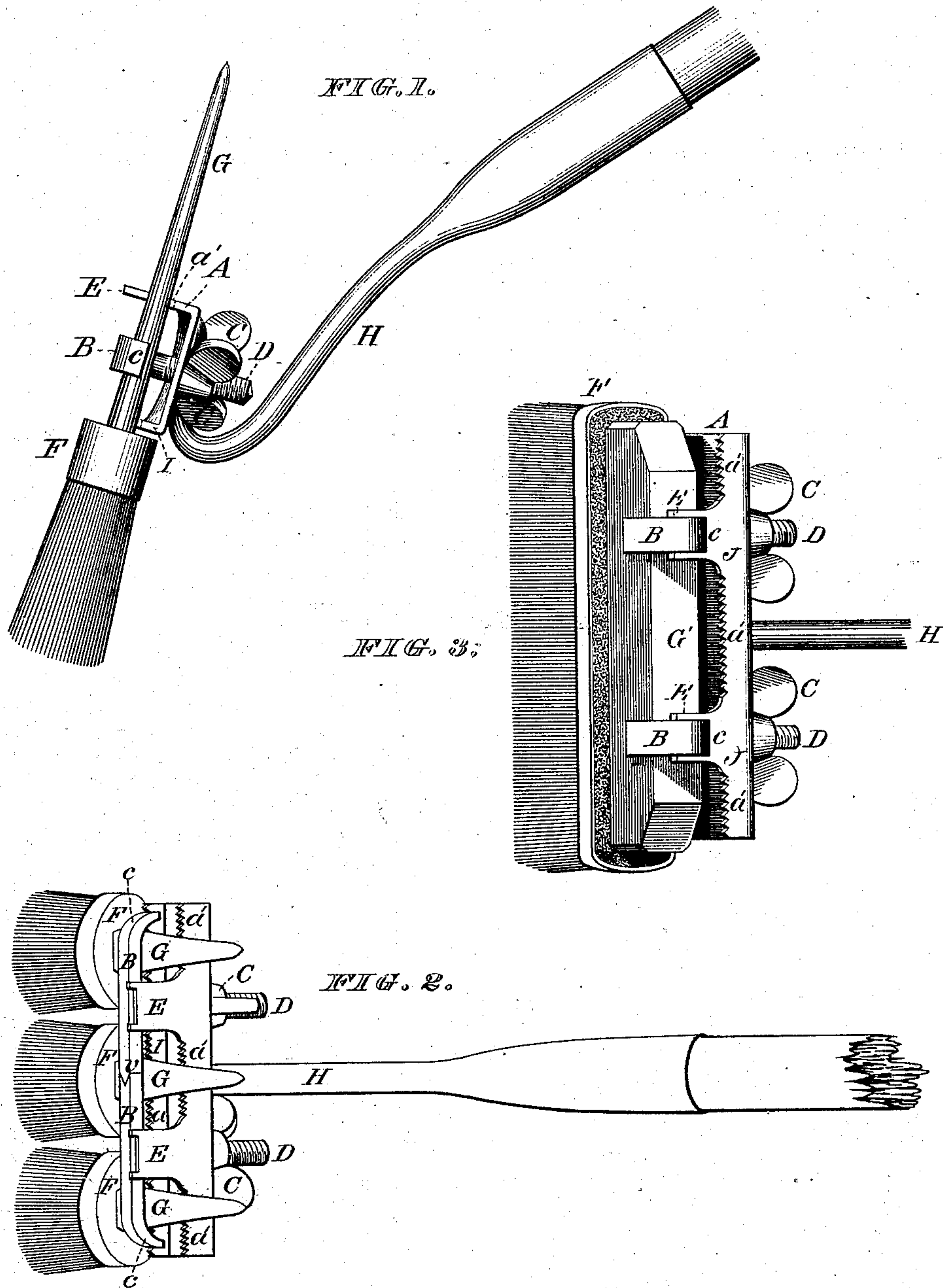


(No Model.)

H. H. HURLBURT.
Brush Holder.

No. 239,660.

Patented April 5, 1881.



Witnesses,

Charles S. Beach.

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Inventor,

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UNITED STATES PATENT OFFICE.

HIRAM H. HURLBURT, OF BENNINGTON, VERMONT.

BRUSH-HOLDER.

SPECIFICATION forming part of Letters Patent No. 239,660, dated April 5, 1881.

Application filed January 31, 1881. (No model.)

To all whom it may concern:

Be it known that I, HIRAM H. HURLBURT, of Bennington, Bennington county, Vermont, have invented certain Improvements in Brush-Holders, of which the following description, in connection with accompanying single sheet of drawings, constitutes a specification.

This invention is designed to supply a convenient means whereby one or more brushes, such as ordinary paint-brushes, whitewash or calcimine brushes, &c., may be attached securely to a long handle, so that such brushes may be used on roofs, floors, &c., without compelling the operator to stoop to his work, or on high walls and ceilings without employing ladders or scaffolding. It is fully illustrated in the drawings, wherein—

Figure 1 shows a side elevation of my device; Fig. 2, a top view thereof, and Fig. 3 a top view of a modification thereof.

My device is adapted to be attached to a handle, usually of about the length of an ordinary hoe or broom handle; and it consists of a cross-head, upon which are mounted the devices for clamping the brush or brushes thereto, and to which a shank with socket or tang is attached, whereby the whole may be connected with the handle.

The cross-head above mentioned consists of metallic plate, either cast or bent into about the form shown at A, E, and I in the several figures. It consists of a flat plate of a length sufficient to support or gripe the desired number of brushes, and of sufficient thickness and strength to resist any strain put upon it by the clamp-bolts without yielding, having its front edge, I, turned up at right angles to the main web to the extent, perhaps, of one-fourth of an inch in height. The top edge of this front ledge, I, is sharply serrated, as at *a a*, Fig. 2, throughout its entire length. The back edge of said plate A is similarly turned up, so as to form the ledge J J. This ledge also has two or more projections, E E, which are integral with said ledge J, and are of considerably higher elevation than the top edge of ledge J. The top edge of ledge J J, between and adjacent to said projections, is similarly serrated, as indicated at *a' a' a'*. The web of the plate A is perforated opposite the projections E E

for the reception of the clamp-bolts D D. Each of these bolts has a T-head, B, across its upper end, and beneath the plate A a thumb-screw, C C. The clamp-bolt is susceptible of rotation in its hole in plate A, and may be used in two positions with the T-head adjusted across the handles of separate long-handled brushes, as in Fig. 2, or in a position transverse to cross-head A, as in Fig. 3. When used in this position one arm of the T-head B rests on the top of projection E, and the opposite arm of the T finds bearing against the upper side of the brush-head G', as in Fig. 3. The under side of the T-head may be roughened where it engages the brush-head, for more effectual hold upon the same.

In practice one clamp-bolt may confine two ordinary paint-brushes, and the apparatus may be constructed to hold two, three, four, or more separate brushes of the ordinary paint-brush kind, as may be desired. For more effectually maintaining their hold on the brush-handle, and to prevent their getting out of adjustment in relation to each other, the cross-heads or T's of the clamp-bolts are made with a V-shaped tongue and slot, as seen at *v*, Fig. 2; but this feature is not absolutely essential to prevent relative disarrangement of the cross-heads, and is useful only when the cross-heads are disposed transversely with the brush-handles. When the T's are set the other way, or so that the T-head lies at right angles with the ledges or jaws of the main cross-head, the provisions of tongue and slot *v* are useless.

The method of using my invention is as follows: Having inserted a handle in the socket of shank H, the clamp-bolts are loosened. If brushes of the paint-brush style are to be used, the clamp-bolts are turned so that their T-heads shall stand parallel with the serrated jaws I and J. The brush-handles G G G are then inserted under the T-heads of clamp-bolts D D and in position to lie across the serrated portions of jaws I and J. When so adjusted in position the thumb-nuts C C are screwed up tightly, whereby the brush-handles are firmly clamped between the jaws I and J and cross-heads B B of the clamp-bolts.

If it is desired to use a whitewash or calcimine brush with this holder, it is only neces-

sary to loosen the bolts and turn heads B B the other way, so that one end of the head *c* may rest or bear on top of projection E and its opposite end upon the head G' of the brush, 5 Fig. 3. In this way the brush-head is confined between jaw I and clamping-head B and by tightening nuts C C the brush is firmly clamped ready for use.

Thus it will be seen that the clamp-bolts 10 may be used in two distinct ways for holding two different kinds of brushes, which ordinarily could not be confined or successfully held by any of the existing appliances used for such purposes. For light work the jaws I and J 15 need not be serrated.

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

1. A brush-holder consisting of an inflexi- 20 ble head provided with two upwardly-projecting parallel jaws, either smooth or serrated, upon or across the upturned edges of which the handles of the brushes are clamped, and a handle for manipulating the same, in com- 25 bination with a T-headed clamping-bolt capable of adjustment with reference to the head both longitudinally and transversely, the whole being constructed and arranged to operate substantially in the manner described, and for the 30 purposes specified.

2. A brush-holder consisting of a head con-

structed with two upwardly-projecting parallel ledges, the front one of which constitutes one jaw of the system of clamping devices, and the 35 back one of which has one or more elevated projections, which serve as a support for one arm of the T-head of the clamping-bolt, the flanking portions of such ledge on either side of such elevated projections constituting an- 40 other jaw of said system, and provided with a shank for the attachment of a handle, in combination with a T-headed rotating clamping-bolt adapted to co-operate therewith, substan- 45 tially in the manner described, and for the purposes set forth.

3. The provisions shown whereby the ap- 50 paratus may be converted from a clamp or holder for brushes the handles whereof stand vertically or athwart the jaws of the main cross-head to one where the brush-head lies 55 parallel with the front clamping-jaw of the cross-head, consisting of the T-headed rotating clamping-bolt and nut B C D and projec- tion E of jaw J, substantially as described and set forth.

In testimony whereof I have hereto sub- 60 scribed my name, at Bennington, Vermont, this 24th day January, 1881.

HIRAM H. HURLBURT.

Witnesses:

FRANKLIN SCOTT,
KATE L. HURLBURT.