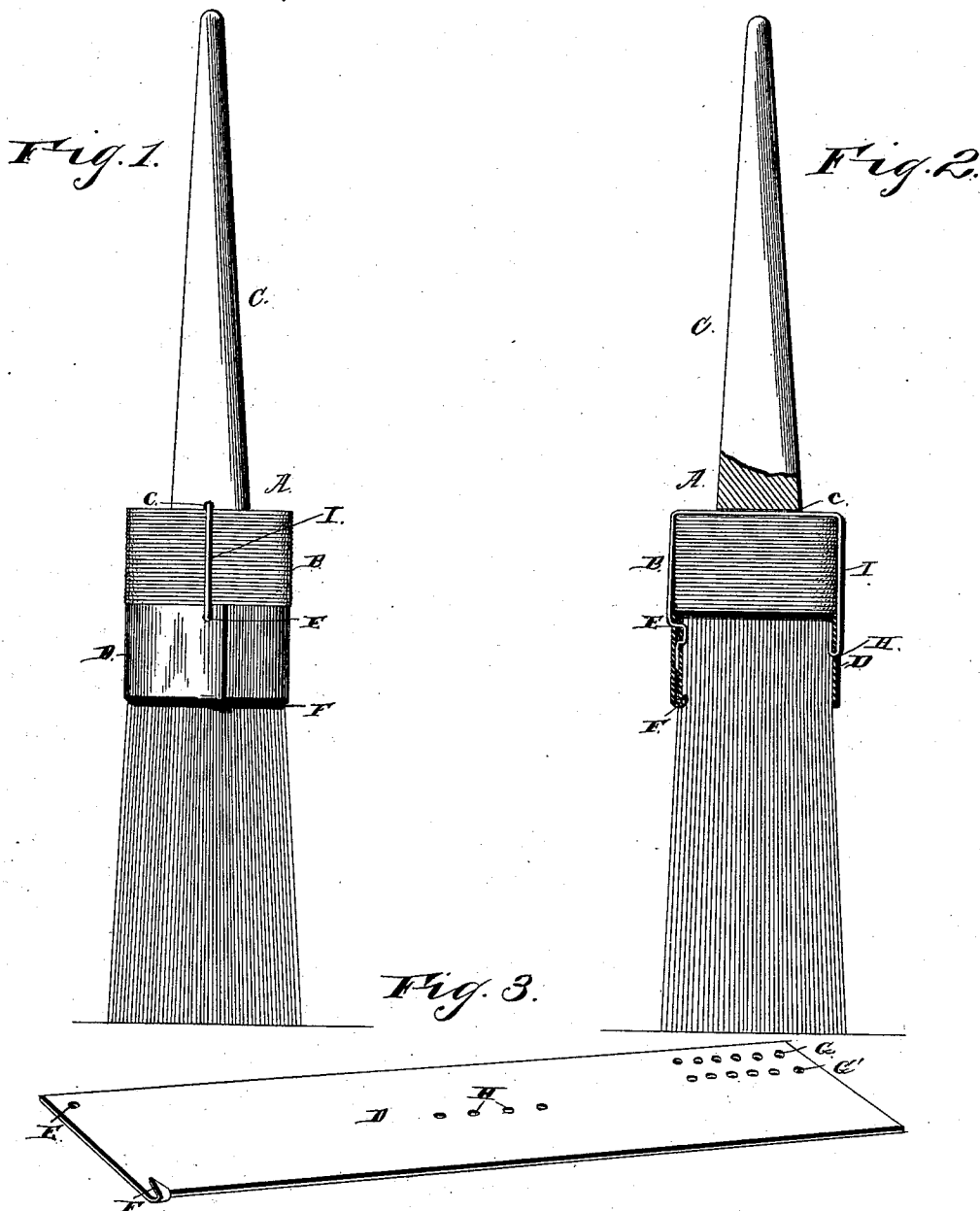


(Model.)

R. W. ILIFF.
BRIDLE FOR PAINT BRUSHES.

No. 392,338.

Patented Nov. 6, 1888.



Witnesses,

Geo. F. Thorne.
Theodore S. West,

Inventor.

Richard W. Iliff

By *his* Attorneys

C. H. Snow & Co.

UNITED STATES PATENT OFFICE.

RICHARD W. ILIFF, OF HINSDALE, ILLINOIS.

BRIDLE FOR PAINT-BRUSHES.

SPECIFICATION forming part of Letters Patent No. 392,338, dated November 6, 1888.

Application filed April 12, 1888. Serial No. 270,379. (Model.)

To all whom it may concern:

Be it known that I, RICHARD W. ILIFF, a citizen of the United States, residing at Hinsdale, in the county of Du Page and State of Illinois, have invented a new and useful Improvement in Bridles for Paint-Brushes, of which the following is a specification.

The invention relates to an improvement in bridles for paint-brushes; and it consists in the construction and novel combination of parts, hereinafter described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

Figure 1 of the drawings represents a side view of a brush with the invention applied thereto, showing the lapped ends of the bridle-strap. Fig. 2 is a longitudinal section of the brush-head with part of the handle broken away. Fig. 3 represents a perspective view of the metallic bridle-strap flattened out and showing the hook on the edge.

Referring to the drawings by letter, A designates a paint-brush having the wrapped binding-wire B, and the handle C provided with the diametrical opening *c* immediately above said wire.

D is the metallic strap (preferably copper) of the bridle, of proper width, provided near its upper edge, adjacent to one side, with an opening, E, and on its lower edge at said end with the integral inwardly-bent hook F, in which the corresponding edge of the opposite end of the strap is seated.

G G' are a number of pairs of openings extending from a point near the opposite end inward on the strap, the members G G' of each pair being arranged transversely in relation to the strap.

H H designate a series of openings arranged longitudinally at the middle portion of the strap. I is the bridle-wire passing through the opening *c* in the handle, and having its ends engaged to the strap D at opposite points thereof.

The manner of fitting the bridle on the brush is as follows: The wire is passed from without through the lower opening, G', of the proper pair of openings mentioned above, the strap bent around and its lower edge seated in the inwardly-bent hook. The ends are then slipped

inward on each other till the upper opening, G, of said pair registers with the opening E. The wire is then passed from within through said openings G and E, the looped bridle slipped upon the bristles till its upper edge rests against the lower edge of the binding-wire B, the wire passed through the opening *c* in the handle and then brought down and its end passed inwardly through the proper opening H. When the wire has been pulled tight, it is cut off at the lower edge of the strap, and with the putty-knife or other suitable tool pushed upward, so that it bends at the opening H and forms an upwardly-extending hook engaged in said opening. By means of the different pairs of openings G G' and the longitudinal series of openings H the device can be fitted to brush-heads of different diameters.

Having described my invention, I claim—

1. The herein-described brush-bridle comprising the metallic strap D, provided with opening E, and inwardly-bent hook F near one end, with the pairs of openings G G' extending from its opposite end and with the longitudinal series of openings H at its middle portion, and the wire I, having one end passed inwardly through the opening G' of any one pair of openings, and outwardly through the opening G of said pair and the registering opening E, and the opposite end passed inwardly through the proper opening H and bent upward to form a hook engaging said opening, substantially as specified.

2. The combination, with the brush having the wrapping-wire B and handle C, provided with the opening *c*, of the bridle composed of the metallic strap D, resting against the binding-wire and provided with the hook F, and openings E, G, G', and H, and the wire I, passing through the opening *c* and having its ends engaged in the openings in the strap, substantially as and for the purpose specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

RICHARD W. ILIFF,

Witnesses:

W. HEINKE,
P. S. TOWNSEND.