

D. N. LANYON.

PAINT-BRUSH.

No. 172,635.

Patented Jan. 25, 1876.

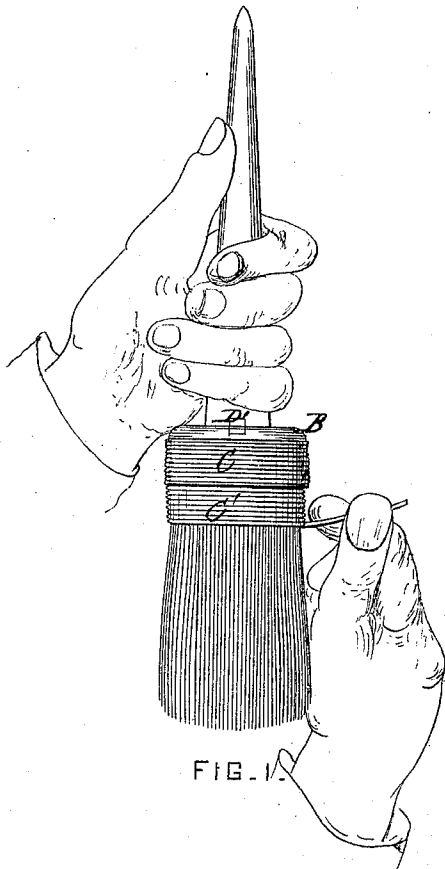


FIG. 1.

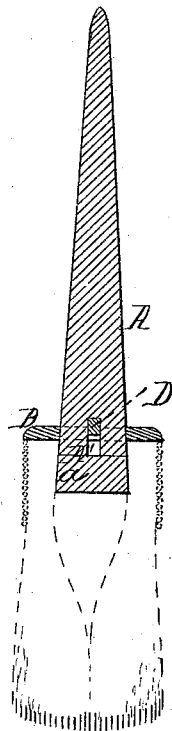


FIG. 2.

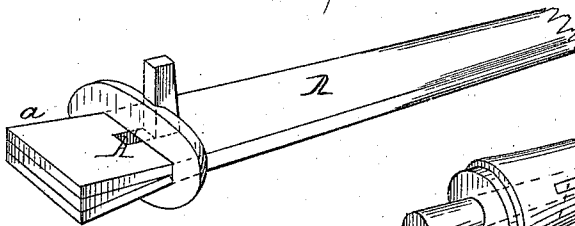


FIG. 3.

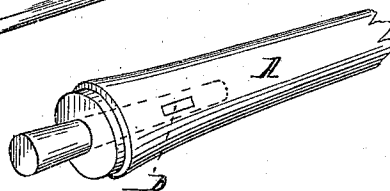


FIG. 4.

WITNESSES.

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UNITED STATES PATENT OFFICE.

DICK N. LANYON, OF ROCKFORD, ILLINOIS, ASSIGNOR TO HIMSELF AND
EBENEZER A. SANDERS, OF SAME PLACE.

IMPROVEMENT IN PAINT-BRUSHES.

Specification forming part of Letters Patent No. **172,635**, dated January 25, 1876; application filed
June 21, 1875.

To all whom it may concern:

Be it known that I, DICK N. LANYON, of Rockford, in the county of Winnebago and State of Illinois, have invented a new and useful Improvement in the Manufacture of Paint-Brushes; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure 1 is a side view of my improved brush. Fig. 2 is a section of the same. Fig. 3 is a perspective view of the handle before the bristles are attached, and Fig. 4 shows a modification in the manner of connecting the bristles to the handle.

The invention consists, first, in a novel means of connecting the bristles or brush part to the handle; and, second, in a novel manner of winding or wrapping the brush to prevent spreading of the same, while at the same time said wrapping can be removed as the brush becomes worn, all as hereinafter described.

In the accompanying drawings, A represents the handle, which is expanded in width at its lower end, as shown at *a*, by means of a wedge inserted in the end, or otherwise, and is also provided near said lower end with an elongated slot or perforation, as shown at A'. B is a cap or washer, provided with a slot, B', for permitting it to be passed over the handle, for a purpose which will be described. C is the wire head or band, extending down to the point at which the bristles are cemented together, or to the filling; and C' is a coil or bridle, connected at one end to the head C, and extending down to any desired distance, according to the spread it is desired to give to the bristles. This coil C' is soldered together to hold it in place, but is free, as the brush becomes worn, to be unwound, one or more coils at a time, to permit the spreading of the brush.

The bristles are connected together at the head in the usual manner, and with the usual band of metal around said head, when the handle is driven through the center of said head, and, by means of its wedge shape, presses the bristles out against the band. After this is done the cap or washer is passed over the handle, and made to rest upon the head of the bristles, when a wedge-shaped key, D, is driven above said cap, and through the slot in the handle, thus firmly securing the handle in place.

A modification in the manner of securing the brush to the handle is shown in Fig. 4, wherein a conical pin is driven through the head of the bristles and into the handle, and secured there by means of a key, being provided near its upper end with a slot for its reception.

It will be seen that by the use of the coil or bridle before described, the operator can, as the brush becomes worn, unwind any number of coils required to give the desired spread to the brush at all times.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The handle A, provided with the wedge-shaped or enlarging butt, in combination with the cap or washer B and key D, for securing the bristles to the handle, substantially as described.

2. The brush provided with the cohering wire coil or bridle, connected thereto, substantially in the manner and for the purpose described.

This specification signed and witnessed this 18th day of May, 1875.

DICK N. LANYON.

Witnesses:

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