

G. and F. Pirrung. Brushes.

No. 121,811.

Fig. 1.

Patented Dec. 12, 1871.

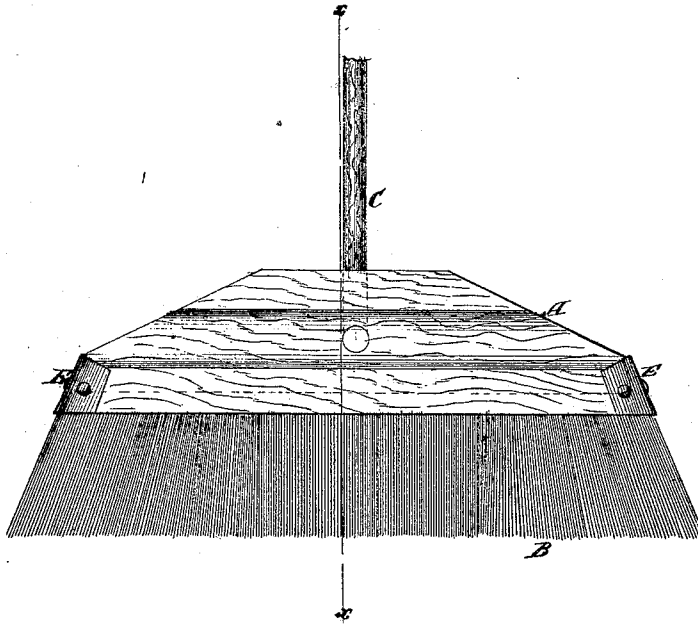


Fig. 2.

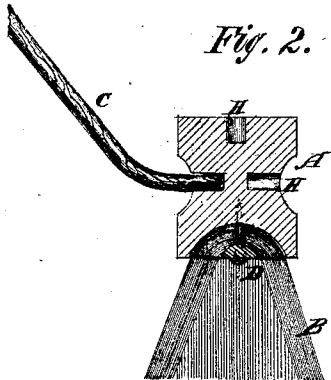


Fig. 3.

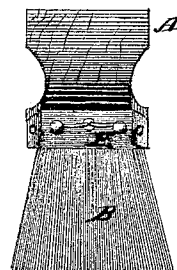
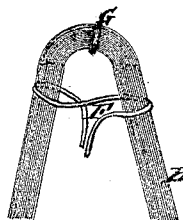


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE PIRRUNG AND FELIX PIRRUNG, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN BRUSHES.

Specification forming part of Letters Patent No. 121,811, dated December 12, 1871.

To all whom it may concern:

Be it known that we, GEORGE PIRRUNG and FELIX PIRRUNG, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Brushes; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in brushes, having reference to that class of brushes where the bristles or other material is confined to a rectangular head by means of a groove or grooves therein, as clothes, shoe, and whitewash-brushes, &c.; and consists in the construction and arrangement of parts as hereinafter described.

In the accompanying drawing, Figure 1 represents a side view of the brush; Fig. 2 is a section of Fig. 1 taken on the line *x x*. Fig. 3 is an end view. Fig. 4 is a detail, showing the side bristles.

Similar letters of reference indicate corresponding parts.

A is the head of the brush. B represents the bristles or other material of which the brush is made. C is the handle. The head of the brush is grooved, as seen in Fig. 2, and the bristles are

doubled at the middle and confined in the groove by a piece of wood, metal, or other material, marked D, by means of screws, nails, or in any substantial manner. At the ends of the brush the bristles are secured by metallic clasps E, attached to the head by nails or screws. The clusters of bristles forming the ends of the brush are likewise secured by wires F fastened by the nails, as seen in Fig. 3. The bristles for the sides of the brush may be put into the groove in clusters or sections, the bristles of each cluster being secured together by wires, as seen at G, Fig. 4. The wires F may connect the end clusters with the side clusters, as is indicated in Fig. 4. The head A is provided with holes H to receive the bent handle.

We do not claim any of the devices herein described, taken by itself, as new in its construction or arrangement.

What we claim as our invention is—

The improved brush, formed of the head A, bent handle C, brush H, cleat or piece D, wires F, and end clasps E, all constructed and arranged as shown and described.

GEORGE PIRRUNG.
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Witnesses:

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