

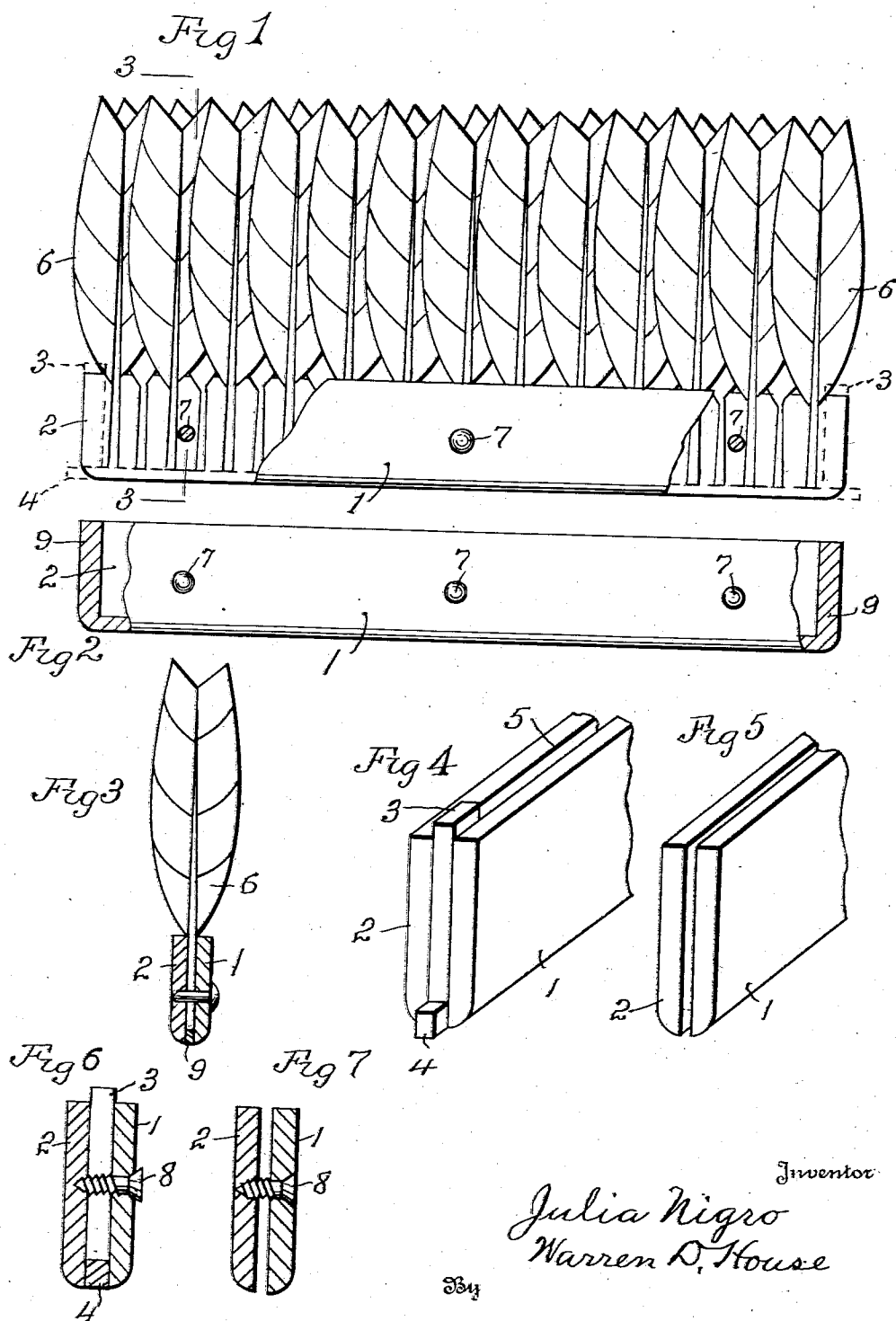
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J. NIGRO

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METHOD OF MOLDING FEATHER BRUSHES

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Inventor

Julia Nigro
Warren D. House

By

Her Attorney

UNITED STATES PATENT OFFICE

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METHOD OF MOLDING FEATHER BRUSHES

Julia Nigro, Kansas City, Mo.

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3 Claims. (Cl. 18—59)

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My invention relates to improvements in the method of molding feather brushes.

One of the objects of my invention is the provision of a novel method of making a feather brush, which method is simple and easily performed by an unskilled person and inexpensive in its operation.

Another object of my invention is the provision of a novel feather brush, which is easy to manufacture by my improved method, which is simple in construction, strong, durable, not likely to get out of order, which is particularly desirable and adapted for brushing broad spaces, such as walls, ceilings and Venetian blinds, and which is efficient in its operation.

The novel features of my invention and my improved method of making the brush are hereinafter fully described and claimed.

In the accompanying drawings which illustrate my invention,

Fig. 1 is a side view of my improved feather brush, parts being broken away, parts in section and parts in side elevation, the removable filler means being shown in dotted lines, and the permanent filling material being omitted.

Fig. 2 is a side elevation of the two slats shown connected by the fastening means, the permanent filling material being shown in place, and the feathers omitted.

Fig. 3 is a cross sectional view of the brush in the plane of the line 3—3, the slats being fastened to the feathers by brads, one of which is shown.

Fig. 4 is an enlarged perspective of portions of the slats, showing one end removable filler member, and a portion of the bottom removable filler member.

Fig. 5 is an enlarged perspective view of portion of the two slats shown in the positions occupied by them when they are in the feather clamping positions.

Fig. 6 is an enlarged cross sectional view of the two slats shown clamped by a wood screw against one of the end removable filler members and the bottom removable filler member.

Fig. 7 is an enlarged cross sectional view of the two slats, shown held in the positions occupied by them when clamping the feathers, by means of a wood screw.

Similar characters of reference designate similar parts in the different views.

1 and 2 designate respectively two slats, which form parts of the handle of the brush, and which are substantially of like dimensions, and made

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of any desired suitable material, as wood, or certain kinds of plastic material.

In the making of the brush, the two slats 1 and 2 are disposed longitudinally flatwise side by side and spaced apart. Two end removable filler members 3 are placed transversely between the slats 1 and 2 respectively adjacent to the ends thereof. A third removable filler member 4 is disposed between the slats 1 and 2, longitudinally between one set of longitudinal edges of the slats. The filler members 3 and 4 are shown in dotted lines in Fig. 1, and comprise removable filler means intended to hold the slats 1 and 2 temporarily far enough apart to form a slot 5 for receiving a row of feathers 6.

The slot 5 is closed at its ends and at one longitudinal set of edges of the slats 1 and 2.

Suitable fastening means, as brads 7, Figs. 1, 2 and 3 or wood screws 8, Figs. 6 and 7, are extended through one of the slats, as slat 1, and into holding engagement with the other slat 2, thus clamping the slats against the removable filler members 3 and 4.

The butt quill end portions of the row of feathers 6, preferably mixed with adhesive material, such as glue, are inserted into the slot 5 against the removable filler member 4, to fill the slot 5, with the other end portions of the feathers 6 projecting laterally from the open end of the slot 5.

The removable filler members 3 and 4 are then removed, after which the fastening means, the brads 7, or the screws 8, whichever are used, are employed to force the slats 1 and 2 toward each other, so as to tightly clamp them against the feathers 6, as shown in Figs. 3 and 7.

The space between the slats 1 and 2 at the ends thereof and along one longitudinal set of edges, resulting from the removal of the removable filler members 3 and 4, is then filled with a suitable permanent filling material, as self hardening plastic material 9.

This completes the making of the brush, which may be of any convenient desired length, and which is adapted for easy use in brushing walls, ceilings, or the slats of Venetian blinds.

Many modifications of my invention, within the scope of the appended claims, may be made, without departing from the spirit of my invention.

What I claim is:

1. The method of making a feather brush consisting in placing two slats longitudinally flatwise side by side and spaced apart, inserting removable filler means between said slats at their ends and along one longitudinal set of their edges

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to form a slot closed at its ends and at one longitudinal edge and open at its other longitudinal edge, extending transverse fastening means through one of said slats into holding engagement with the other slat to clamp between said slats said filler means, inserting in said slot adhesive material and the quill ends of a row of feathers projecting laterally from said slot, removing said filler means, and employing said fastening means to force said slats toward each other to tightly clamp between them said feathers.

2. The method of making a feather brush consisting in placing two slats longitudinally flatwise side by side and spaced apart, inserting removable filler means between said slats at their ends and along one longitudinal set of their edges to form a slot closed at its ends and at one longitudinal edge and open at its other longitudinal edge, extending transverse fastening means through one of said slats into holding engagement with the other slat to clamp between said slats said filler means, inserting in said slot the quill ends of a row of feathers projecting laterally from said slot, removing said filler means, employing said fastening means to force said slats toward each other to tightly clamp between them said feathers, and placing permanent filling material between said slats to replace the removed filler means.

3. The method of making a feather brush consisting in placing two slats longitudinally flatwise side by side and spaced apart, inserting remov-

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able filler means between said slats at their ends and along on longitudinal set of their edges to form a slot closed at its ends and at one longitudinal edge and open at its other longitudinal edge, extending transverse fastening means through one of said slats into holding engagement with the other slat to clamp between said slats said filler means, inserting in said slot adhesive material and the quill ends of a row of feathers projecting laterally from said slot, removing said filler means, employing said fastening means to force said slats toward each other to tightly clamp between them said feathers, and placing permanent filling material between said slats to replace the removed filler means.

JULIA NIGRO.

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