

J. M. Groh,

Mat.

N^o 32,308.

Patented Sep. 22, 1868.

Fig. 1.

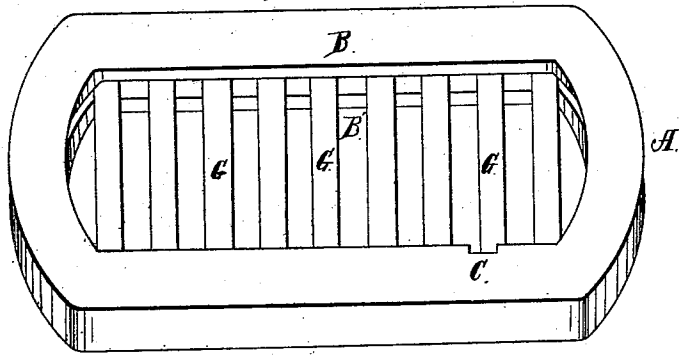


Fig. 2.

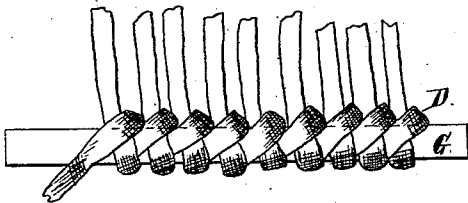


Fig. 3.

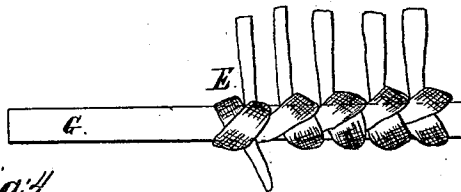
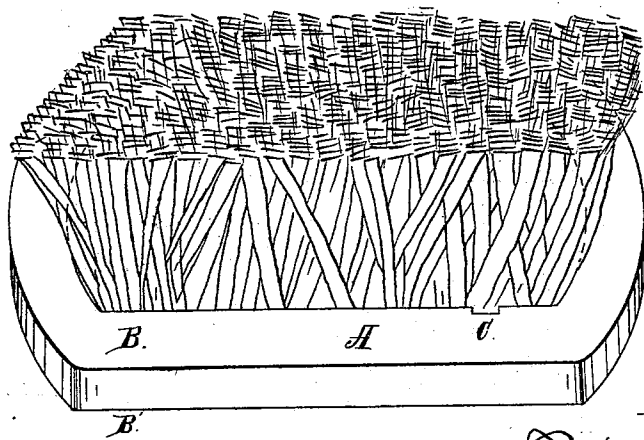


Fig. 4.



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JOHN M. GROH, OF BENEVOLO, MARYLAND.

Letters Patent No. 82,308, dated September 22, 1868.

IMPROVED MAT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN M. GROH, of Benevola, Washington county, Maryland, have invented a new and improved Mode of Manufacturing Mats; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of the specification, in which—

Figure 1 is a side view of my grooved mat-frame, with the bars or slots to which the husks are to be fastened.

Figure 2 is a side view of a bar that is being filled with husks.

Figure 3 is a side view of the same, showing how to fasten the ends when the bar is full, and

Figure 4 is a side view of a completed mat.

My invention consists, first, in using a wooden or metallic frame, of any shape or form, to hold the bars to which the husks or their substitutes are fastened.

My invention consists, second, in fastening the husks or their substitutes to wooden or metallic slots or bars, and then inserting them into a frame.

To enable others skilled in the art to make and use my invention, I will describe the same more minutely with reference to the drawings.

A is the frame, composed of wood, and grooved around its inner edge in such a manner as to form two flanges, B B', between which the bars G are placed, when filled. If desired, the flanges may be composed of separate pieces, placed upon each side of the frame A in such a manner as to leave a groove or recess for the passage of the bars.

The upper flange B is notched at C, for the admission of the outer end of the filled bars, whose opposite ends rest in the groove.

Fig. 2 represents a bar, around which the husks are being fastened, thus: Take the husks and dampen them, then lay a bunch on the bar, hold it with your thumb, and take the thin end around the bar, between you and the other end of the husk, forming the lap D, and lay it under your thumb. Place the next bunch on this, and proceed as with the other, until the bar is filled, when you fasten the last end by passing it once more around, and putting it under the last coil, as at E, fig. 3.

Then, in order to make oblong or round mats, or such as require bars of unequal length, make the frame with grooved sides, as represented in fig. 1, and begin to fill, and insert the shortest end bars of the one end. Keep on till you get to the last long bar, then fill from the other end, push or press the bars apart, and insert the last long bar. Push the last bar under the notched flange, pin at the other end at F, fig. 1, to secure it, and the mat is finished.

Square or rectangular frames, having bars of equal lengths, are so easily filled from one end to the other, pressing the bars closely together, as to require no further explanation.

What I claim as my invention, and desire to secure by Letters Patent, is—

The mat, constructed as described, consisting of the wooden block A, having an interior groove adapted to receive the filled bars through the notch C in the flange of said block, as herein described for the purpose specified.

JNO. M. GROH.

Witnesses:

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