(No Model.)

J. H. & I. TAYLOR.

PLAITING BOARD.

No. 601,362. Patented Mar. 29, 1898.

Fig. 1.

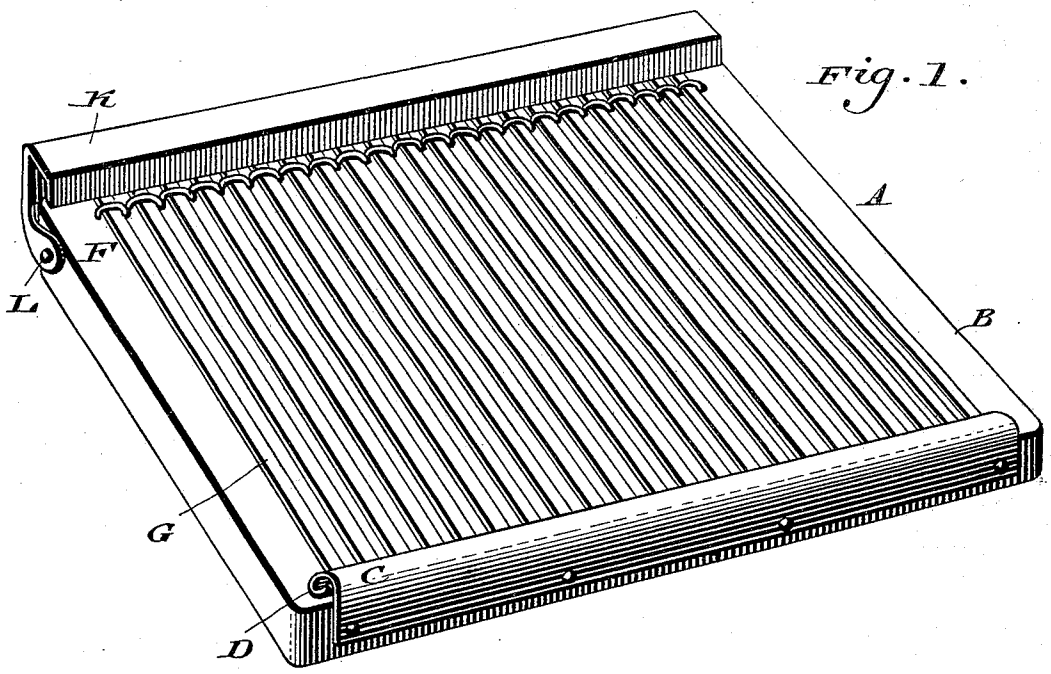


Fig. 2.

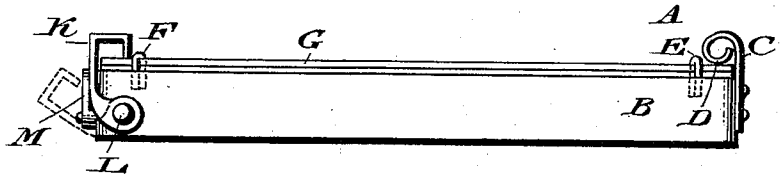


Fig. 3.

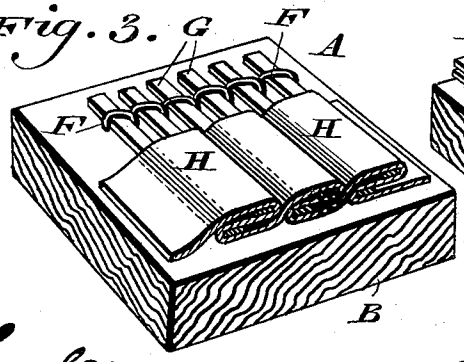
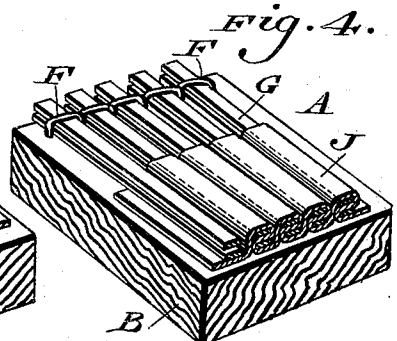


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

JAMES HOWARD TAYLOR AND IZORA TAYLOR, OF PHILADELPHIA, PENNSYLVANIA.

PLAITING-BOARD.

SPECIFICATION forming part of Letters Patent No. 601,362, dated March 29, 1898.

Application filed April 7, 1897. Serial No. 631,086. (No model.)

To all whom it may concern:

Be it known that we, JAMES HOWARD TAYLOR and IZORA TAYLOR, citizens of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Plaiting-Boards, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention consists of an improved construction of plaiting-board, the novel features of which will be hereinafter fully set forth, and pointed out in the claim.

Figure 1 represents a perspective view of a plaiting-board embodying our invention. Fig. 2 represents a side elevation of the same. Figs. 3 and 4 represent perspective views of portions of the board, showing the fabric or other material in the act of being plaited.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a plaiting-board, the same consisting of a bed or base B, which has attached to a side thereof the strip C, which is turned upon itself so that the portion D terminates a short distance above the upper surface of the board.

E designates a series of staples which extend across the board in proximity to said strip C, said staples E being adapted to hold in position the needles G, whose other ends pass through the staples F, located at the opposite end of the plaiting-board. Each of the above rows or series of staples E and F are capable of holding in position a pair of the needles G, which latter, being preferably flat, are prevented from turning by the contact of the turned portion D of the strip C, as indicated at the right of Fig. 2. The other extremities of the needles G are retained in position by a holder K, which has arms pivotally attached at L to the bed B, said holder being sustained in the position seen in full lines by means of a latch M.

H and J designate the fabric or other material in the act of being plaited.

The operation is as follows: The holder K is turned into the position seen in dotted lines in Fig. 2, after which it will be evident that the needles G can be readily removed and replaced, as may be desired. In the act of plaiting one extremity of the fabric is placed below a needle—as, for instance, the lower right-hand needle in Fig. 4—after which the fabric is folded over said needle, and the upper needle (seen at the right of said Fig. 4) is placed in position and the fabric J is brought over the same and then held in position by the lowest needle in the adjacent row, the fabric being afterward brought upwardly and held in position by the next needle, and so on.

If desired, wider plaits, as seen in Fig. 3, can be produced according to requirements.

After the fabric is plaited to the desired extent a damp cloth is laid over the plaits and a hot iron passed over the same, and after the needles have been left in position for the required time the same are withdrawn and the fabric is removed.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A plaiting-board consisting of a bed or base, rows of staples at each end thereof, a strip having a deflected portion located at one end of said board, needles held by said staples, said needles having their ends adapted to be engaged by said strip, and a holding device pivotally supported at the end of said board opposite to said strip, said device having a portion adapted to bear on the adjacent ends of said needles.

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Witnesses:
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