

F. R. Going
Hat Cuttings Shaping
Board.

No 75.897.

Fig. 1.

Patented Mar. 24. 1868.

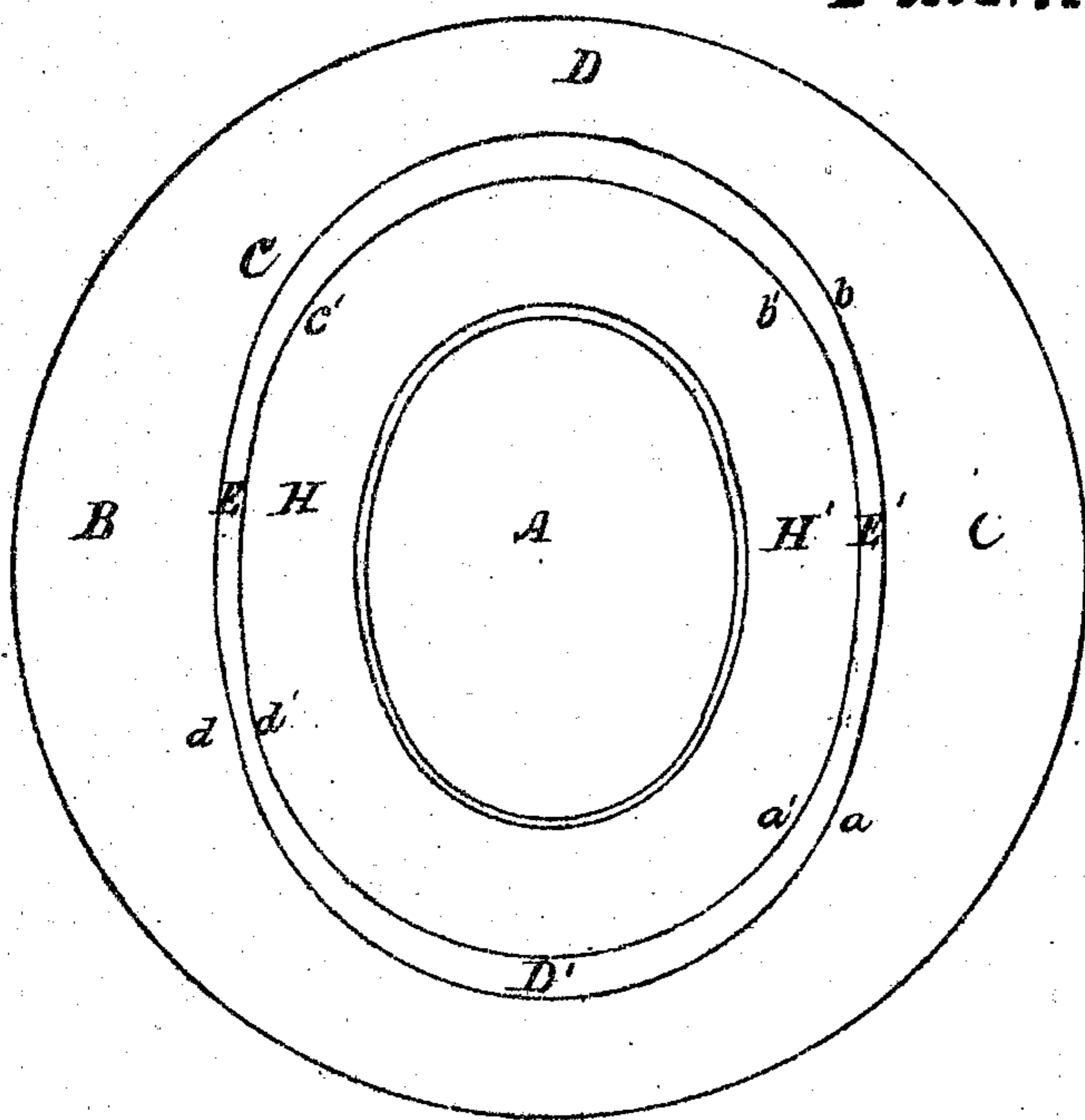


Fig. 2.

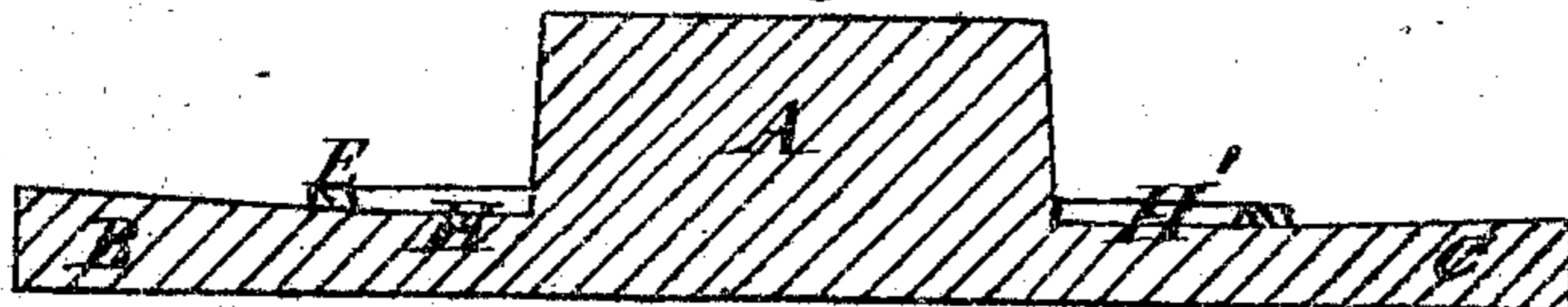
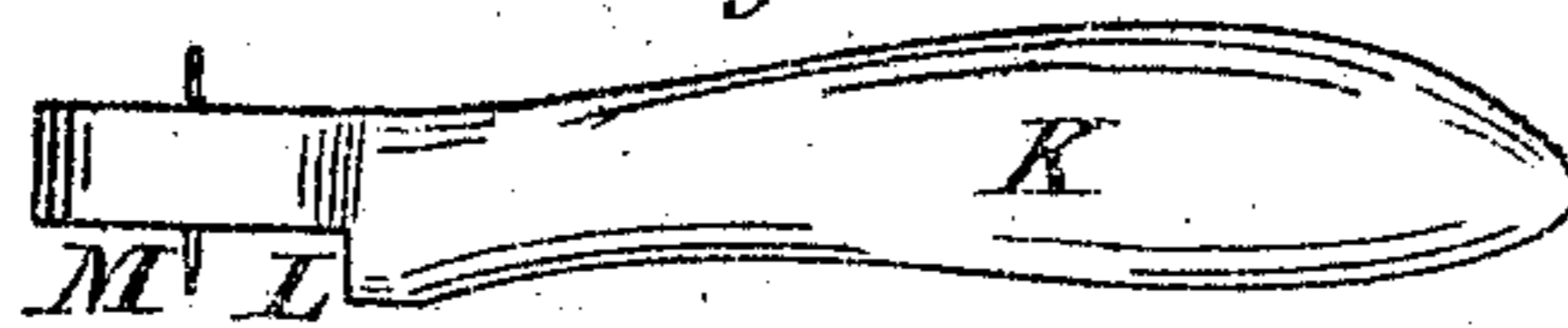


Fig. 3.



Witnesses

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F. R. GOING, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND D. WILCOX, OF SAME PLACE.

Letters Patent No. 75,897, dated March 24, 1868.

IMPROVEMENT IN BLOCKS FOR CUTTING AND SHAPING BRIMS OF HATS.

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, F. R. GOING, of Boston, in the county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Hat-Curling, Cutting, and Shaping Boards; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in providing a sinkage immediately around the centre guiding or band-block, into which the brim of the hat may be pressed; also, in providing a guiding-edge to regulate the motion of a cutting-gauge, so that an inexperienced hand may cut the curl in the best possible manner. In the drawings—

Figure 1 is a plan of my improved hat-board.

Figure 2 is a cross-vertical section of the same.

Figure 3 represents a cutting-gauge, which forms no part of my invention, but is required in cutting the curl, and must be referred to in explaining the use of my board.

B C is a circular board, made somewhat larger than the brim of the hat. The surface of this board that is not covered by the band-block A is what is technically called a "warped surface," and so made to suit the style into which the brim of the hat is to be pressed. H H is a sinkage extending around the band-block, this sinkage being of the width required for the brim of the hat. D D', E E' is a flat ring extending around the sinkage H H'. The outer line *a b c d* of this ring draws near to the inner line *a' b' c' d'*, at E and E', and is more distant at D D', so that in cutting the curl, or that part of the brim that is folded back on to itself, the knife M of the gauge K, fig. 3, will cut on a line more distant from the line *a' b' c' d'*, (which corresponds to the outer edge of the brim,) at E and E', than at D and D'.

To use my improved block, I proceed as follows: The hat is on the band-block A, and the brim is crowded down into the sinkage H H'. This operation causes the outer periphery of the brim, of which the curl is formed, to be thrown up into a position from which it may be very readily doubled back on to the brim, thus forming the curl. The next operation is to trim or cut the curl. This is done by pressing the shoulder L, fig. 3, of the cutting-gauge against the outer edge, *a b c d* of the guide-ring, and at the same time bearing down and sliding the gauge along, so that the knife M may cut the curl as desired.

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

1. The recess H H', formed immediately around the band-block, and between the crown-block and cutting-guide E, substantially as described and for the purpose set forth.

2. The guiding-edge *a b c d* of the guide E, against which the shoulder of the cutting-gauge K rests, in the operation of cutting the curl, in combination with the hat-block, substantially as described and for the purpose set forth.

F. R. GOING.

Witnesses:

FRANK G. PARKER,

A. HUN BERRY.