

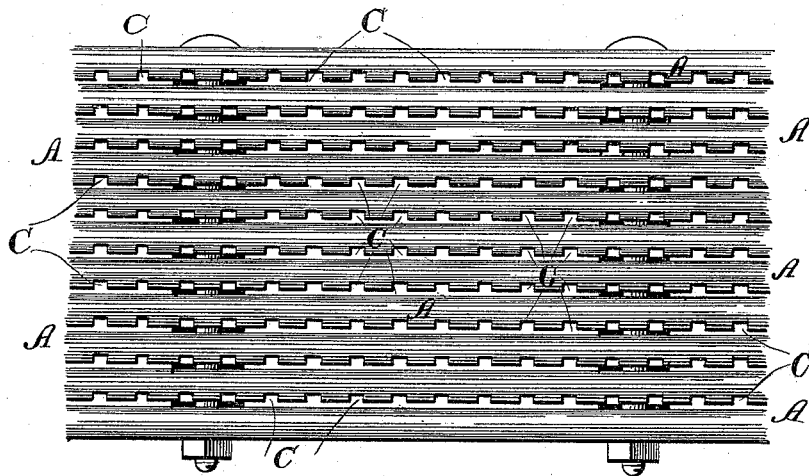
(No Model.)

G. W. GATES.  
MATCH PRESS OR FRAME.

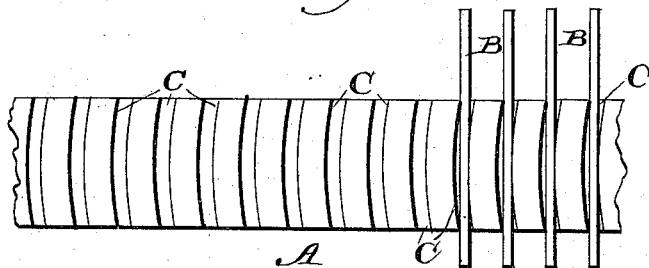
No. 383,722.

Patented May 29, 1888.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
Chas. E. Gaylord.  
George C. Cook.

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# UNITED STATES PATENT OFFICE.

GEORGE W. GATES, OF OSHKOSH, WISCONSIN.

## MATCH PRESS OR FRAME.

SPECIFICATION forming part of Letters Patent No. 383,722, dated May 29, 1888.

Original application filed February 17, 1887, Serial No. 227,868. Divided and this application filed September 1, 1887. Serial No. 248,501. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. GATES, a citizen of the United States, residing at Oshkosh, Wisconsin, have invented a new and useful  
5 Improvement in Match Presses or Frames, (for which I made application for Letters Patent February 17, 1887, Serial No. 227,868,) of which the following is a divisional specification.

The object of my invention is to make a  
10 press or frame to receive and retain the match-splints while they are being dipped or having the chemical preparation supplied to them; and my invention consists in the features and details of construction hereinafter described  
15 and claimed.

In the drawings, Figure 1 is a plan view of a portion of my frame or press. Fig. 2 is a side elevation of one of the slats of which the frame is composed.

20 In the drawings, A represents the slats out of which my frame or press is composed; B, the match-splints, and C the spaces in which the splints are inserted.

In making my improved press or frame for  
25 holding the splints while they are dipped in the chemical preparation necessary in their manufacture, I employ a series of slats which may be arranged either in a press or frame, as shown in Fig. 1, of any desired length and  
30 width and held together by bolts or other suitable fastening devices, or which may be arranged on an endless belt or other flexible fastening which will permit the slats to be advanced in regular order and at a graduated  
35 speed while receiving the match splints from the cutting instrument and while they are be-

ing dipped in the proper chemical preparation. I have shown these slats arranged in a frame or press; but as it is obvious that they may be arranged, as I have above said, on an  
40 endless belt or flexible means of connection, I do not wish to limit myself to either one or the other, particularly as my improvement relates to other features than the arrangement in a press or on an endless belt.

As shown in the drawings, I cut a curved  
45 groove or channel in the sides of the slats, so that a curve will be produced similar to that secured by making the slats with concave and convex sides. When the matches are thrust  
50 or forced into the curved grooves, they will be firmly and securely held by pressure at three points. As this will be readily understood by reference to the drawings, more detailed description is regarded as unnecessary.

55 It is not my intention to claim in this application the subject-matter of the invention described and claimed in my application filed February 17, 1887, Serial No. 227,868; but

What I regard as new, and desire to secure  
60 by Letters Patent, is—

In a match-splint-holding press or frame, the combination of a number of slats having curved grooves or channels in their sides into which the match-splints are thrust and held  
65 at three or more points, substantially as described.

GEO. W. GATES.

Witnesses:

F. C. STEWART,  
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