

(No Model.)

G. HARGREAVES.
Match Splint.

No. 235,765.

Patented Dec. 21, 1880.

Fig. 1

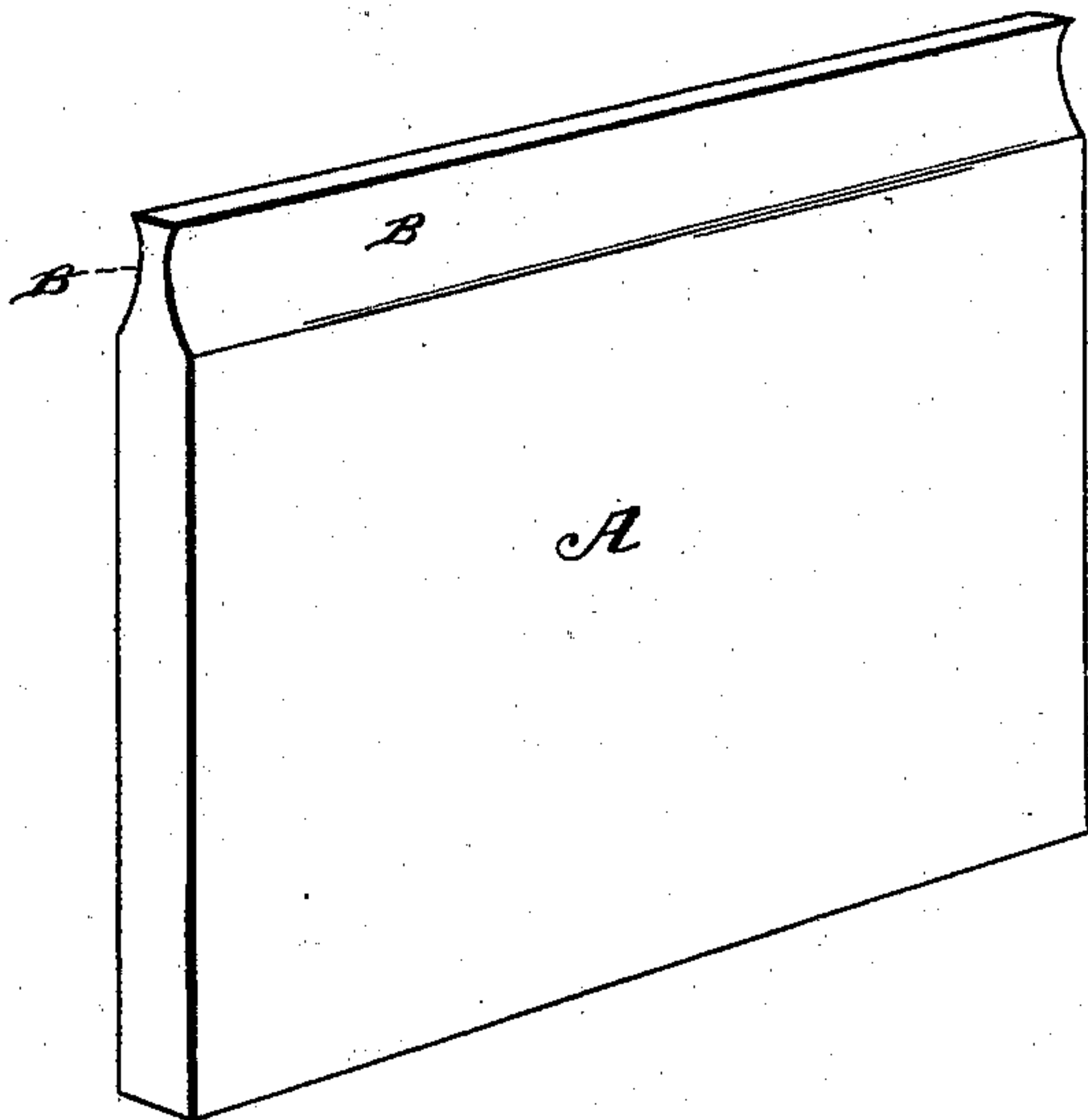


Fig. 2

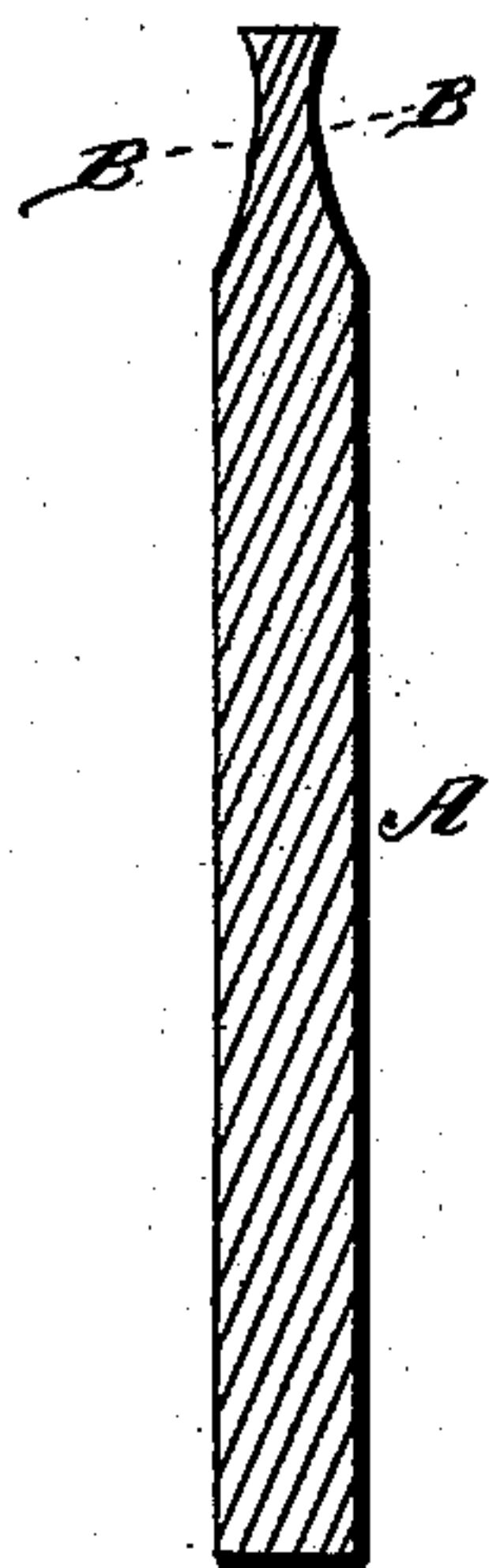
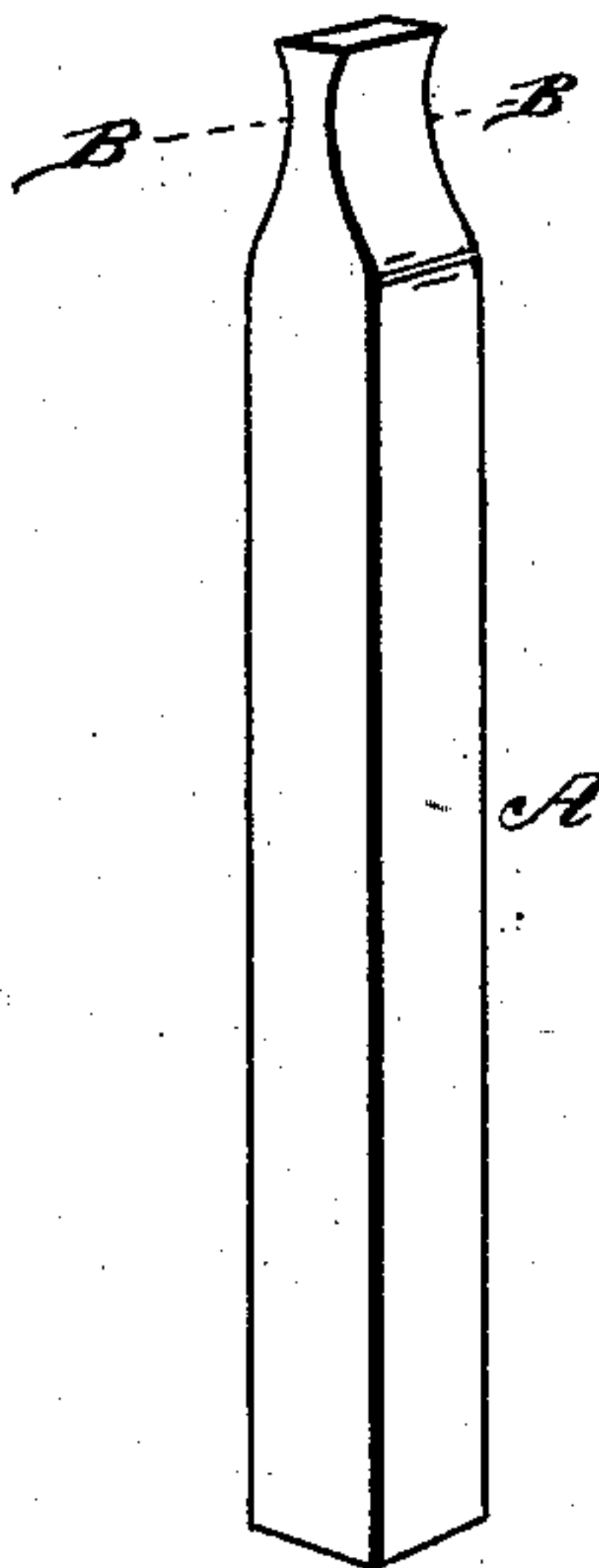


Fig. 3.



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MATCH-SPLINT.

SPECIFICATION forming part of Letters Patent No. 235,765, dated December 21, 1880.

Application filed July 16, 1880. (No model.)

To all whom it may concern :

Be it known that I, GEORGE HARGREAVES, a citizen of the United States, resident at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Match-Splints; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention has relation to match-splints; and it consists in the improvement in the construction of the same, hereinafter fully described, and particularly pointed out in the claim.

Figure 1 of the drawings represents a view, in perspective, of a sheet or block of veneer, of pine or other wood, from which my improved match-splints are cut. Fig. 2 is a vertical sectional view of the same; and Fig. 3 is a perspective view of one of the match-splints.

It is well known that making match-splints is, in general, a separate branch of the manufacture of matches, and that the match-splints are put upon the market ready for the match-dipping operation.

My object is to produce, as an improved article in this branch of the manufacture, a match-splint that after having been dipped will retain the igniting composition until the latter shall have been ignited and burned therefrom.

In carrying out my invention, I first produce, from pine or other wood, a sheet or block, A, of veneer, of the requisite thickness to form match-splints of the appropriate size. Near

one edge of this block or sheet A, I form concave grooves or dovetails B, on opposite sides of the sheet, as shown in the drawings, and from the blank thus formed I cut, by suitable cutting mechanism, match-splints of the form shown in Fig. 3 of the drawing—that is to say, one end of the match-splint is reduced in size by the grooves B, so that on two of its sides it is concave or dovetailed, and on the other two sides it is straight, like sides being opposed. The grooves or dovetails B B are so made in the faces of the sheet A as to reduce the thickness of the dipping end of the splint nearly one-half, as shown. This manner of cutting the grooves or dovetails B B leaves a swell at the point of the dipping end of the splint, over which the igniting compound cannot be drawn off after the splint has been dipped, and which will consequently retain the igniting compound firmly in place until it shall have been ignited and consumed. This is a decided advantage over the ordinary splint, from which the heads of the matches become lost in packing and transporting.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

As an improved article of manufacture, the herein-described match-splint, having two opposed concave or dovetailed sides, and two opposed straight sides at its dipping end to form the swelled point, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

GEO. HARGREAVES.

Witnesses:

FRANK E. BROWN,
ROBERT H. BROWN.