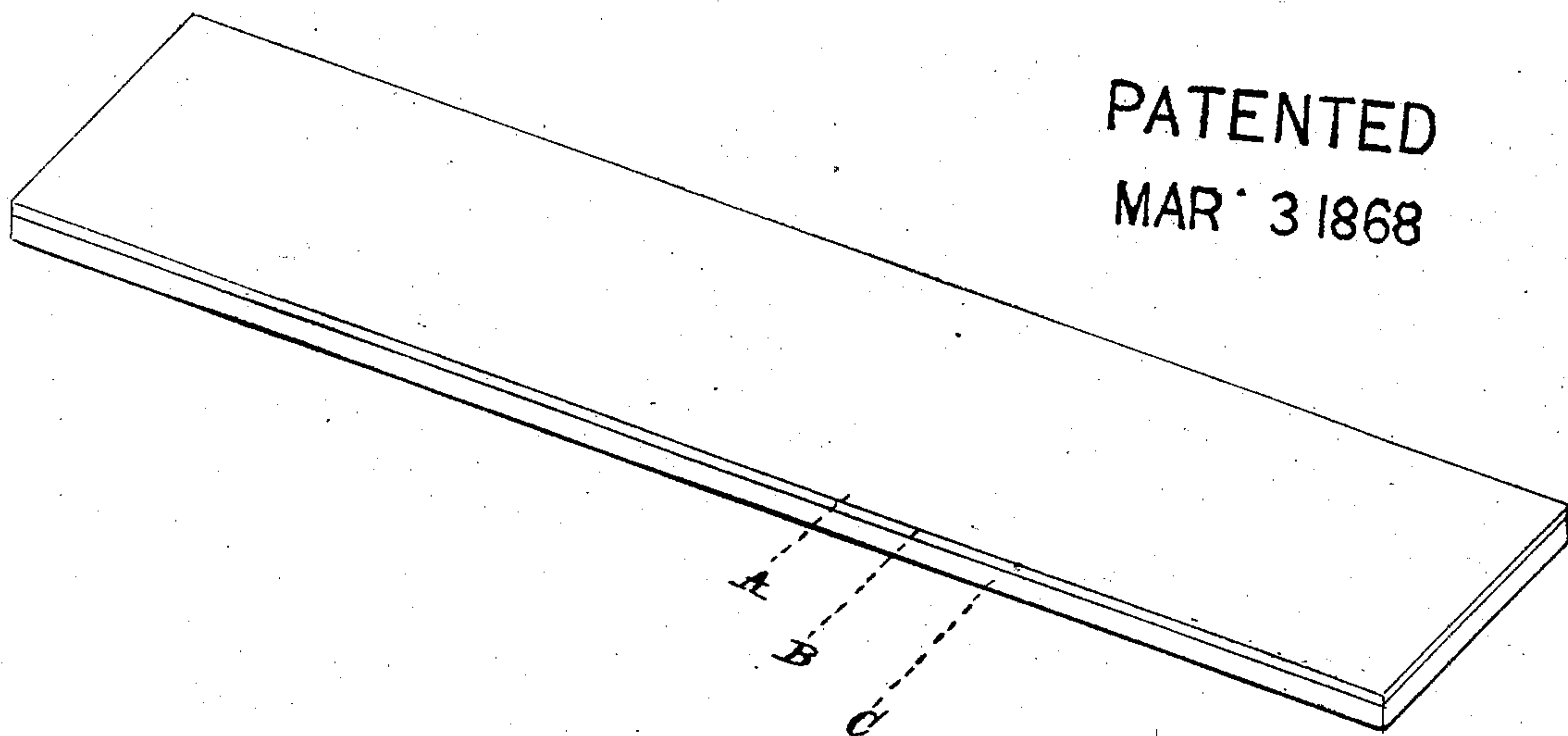


A Merritt Asay's Improvement in

Cards for Artificial Teeth

74971

PATENTED
MAR 3 1868



Witnesses,

*Stephen Votick
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Inventor,

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United States Patent Office.

A. MERRITT ASAY, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 74,971, dated March 3, 1868; antedated February 20, 1868.

CARDS FOR ARTIFICIAL TEETH.

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, A. MERRITT ASAY, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Cards for Artificial Teeth; 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 constructing cards or slips for holding one or more sets of artificial teeth, in the manner adopted by manufacturers, with the wax coating only on one side. The usual mode is to coat both sides of the cards or slips to which the teeth are attached, and when the name or trade-mark of the manufacturer appears, to stamp it in one side of the slip. To do this requires a considerable quantity of wax, and is otherwise objectionable, especially when the cards, by transportation or otherwise, are subjected to an increased temperature of the air, in which case they are liable to stick to the boxes or cases which hold them. To obviate these difficulties, I coat but one side of the card with the adhesive coating, and when the manufacturer's name or trade-mark appears on the cards, I print it on the face thereof before coating the other side with wax.

The construction of the cards or slips, and process of forming them, will be understood by the following description.

The accompanying drawing, which makes a part of this specification, is an isometrical view of the slip for holding the teeth, on an enlarged scale.

A is a strip of paper, on which the manufacturer's card is printed. B is a slip of thick blotting-paper, on which it is pasted. C is a coating or layer of wax on the reverse side of the piece B, covering its whole surface. On this coating one or more sets of teeth are stuck, in the usual manner adopted by manufacturers.

My process of constructing the cards or slips is as follows: I print the manufacturer's name or trade-mark on sheets of paper in the usual manner of printing labels. Any kind of paper will answer the purpose, yet I prefer it being thick, with the side glazed which is printed on, to avoid the wax striking through it from the blotting-paper, in coating the latter as hereinafter described. The printed sheets I paste on sheets of thick blotting-paper, and then connect the combined sheets together in pairs, with the printed sides facing each other. I then seal their edges, to prevent the coating-wax running between the sheets, by pasting strips of paper over them. If the printed sheets are large enough they may be doubled, in which case only three of their edges require sealing. The next process is coating the outer surfaces of the blotting-paper with wax. This I do by dipping the pieces in melted wax, repeating the dipping in the method of dipping candles, until the requisite thickness of the coating is obtained. When the sheets are cold I cut off their sealed edges to separate them, and cut them into separate cards, as represented in the drawing.

The coating may be cheapened by adulterating the wax with one or more ingredients that will not destroy its cohesive and adhesive properties, or some equivalent may be used in place of wax. Instead of making the cards of two pieces, as described, the printing may be made directly on the blotting-paper, which should in this case have an increased thickness, and should be varnished or glazed on the printed side, so as to prevent the wax striking through it.

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

1. The cards or slips for holding artificial teeth, with the wax only on one side, substantially as above described.
2. Printing the manufacturer's name or trade-mark on one side of the slip, and coating the opposite side of the same with beeswax, or an equivalent material, substantially as described and for the purposes specified.
3. The process of preparing the sheets out of which the cards or slips are formed, to receive the coating of wax on their outer surfaces, substantially as described.

In testimony that the above is my invention, I have hereunto set my hand and affixed my seal, this tenth day of May, A. D. 1867.

A. MERRITT ASAY, [L. s.]

Witnesses:

STEPHEN USTICK,
W. W. DOUGHERTY.