

(No Model.)

C. B. GARDINER.

MATCH CARD.

No. 280,810.

Patented July 10, 1883.

Fig. 1.

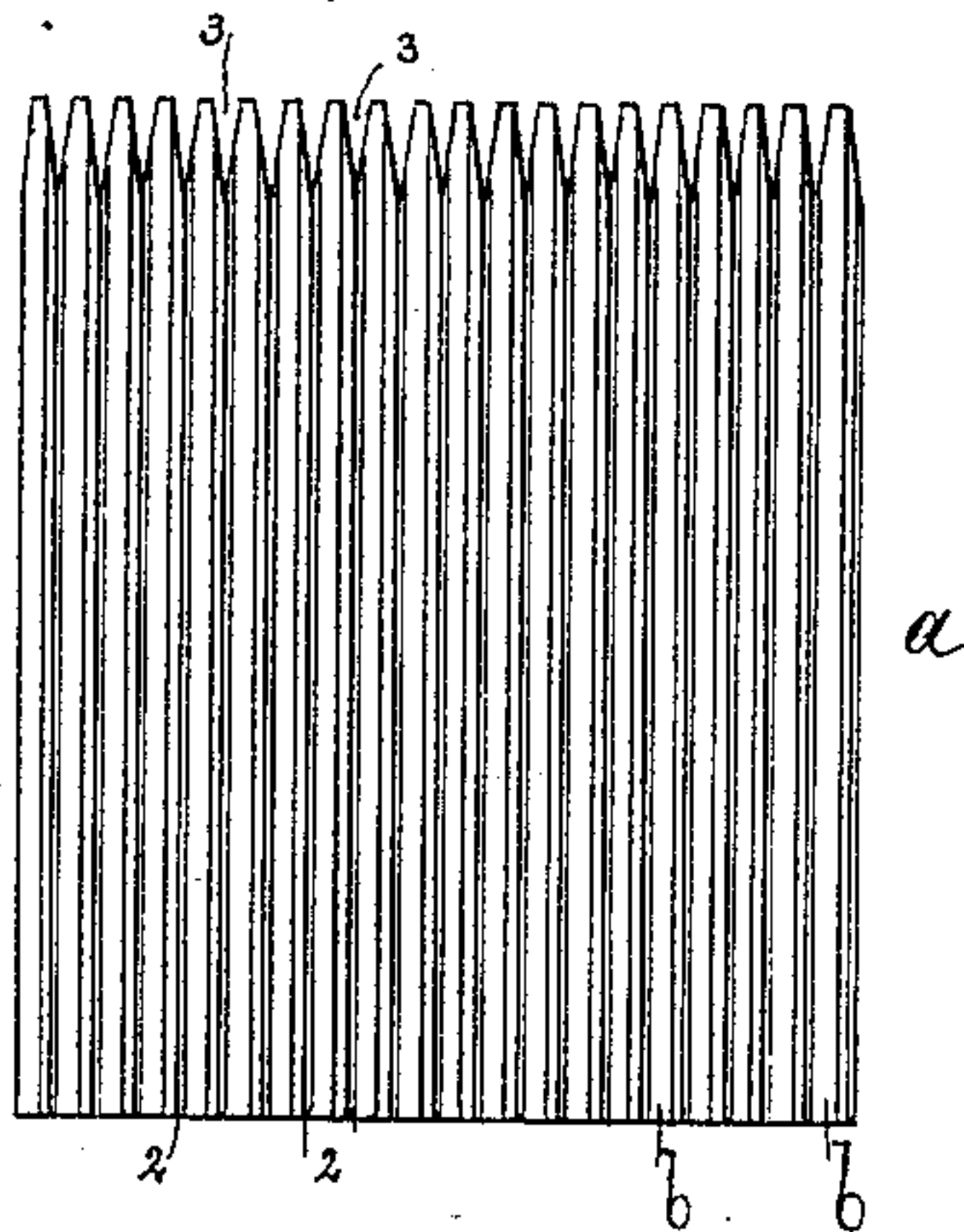
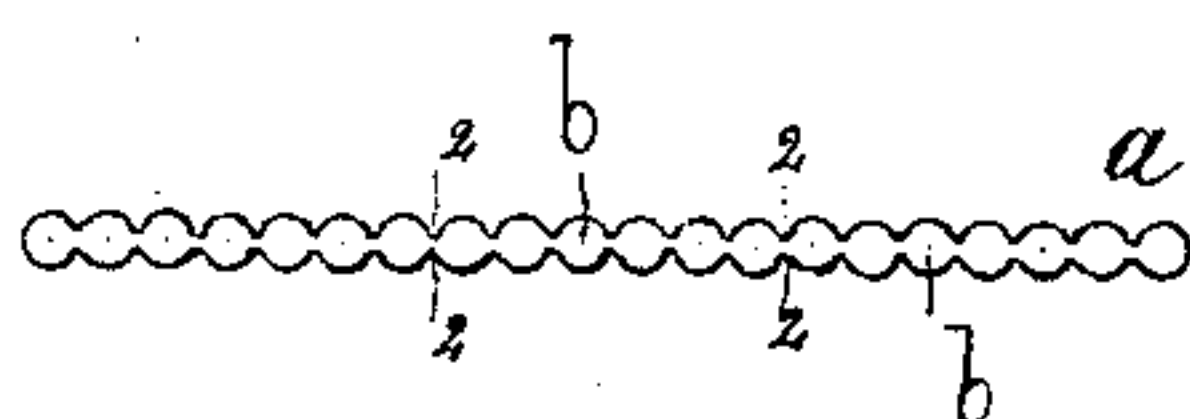


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES B. GARDINER, OF RAYNHAM, ASSIGNOR OF ONE-HALF TO LEEDS,
ROBINSON & CO., OF BOSTON, MASSACHUSETTS.

MATCH-CARD.

SPECIFICATION forming part of Letters Patent No. 280,810, dated July 10, 1883.

Application filed April 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES B. GARDINER, of Raynham, county of Bristol, State of Massachusetts, have invented an Improvement in Match-Cards, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

My invention, relating to a match-card, has for its object to produce a card composed of a series of connected splints that are adapted to be easily separated from one another without waste of material.

Match-cards as heretofore made have in some instances been sawed through for a portion of their length to produce the independent splints, the unsawed portion serving to unite the splints together, and being easily broken apart or split in continuation of the saw-cut.

In some instances the cards have been split or cut part way through from the side of the card, thus enabling the splints to be readily separated from the card without the removal of any of the material. In my invention the match-card is grooved longitudinally on both faces nearly to the middle of the card, the said grooves being opposite one another, so that a series of apparently independent splints are formed, they being united by the thin portion of the material at the middle of the card between the grooves on the opposite faces, and being readily separated from one another by breaking the said material between the grooves.

The grooves are preferably of such shape as to give the splints a cylindrical shape similar in appearance to the best parlor-matches or wax tapers; and it will be seen that a larger number of separate matches or splints can be formed from the same amount of material than when the sawed cards are used, and that the said cards are of more pleasing appearance and the splints more easily separated than when the partly-split cards are employed, and that there is less work by breaking the splints in detaching them from one another.

Figure 1 is a face view, and Fig. 2 an end view, of a match-card embodying this invention.

The card *a* is made from a thin strip or blank having its opposite faces provided with a series of longitudinal grooves, 2, extending nearly but not quite half-way through the card, so that a thin portion at the middle thereof is uncut, serving to keep the different splints *b* together to form a card, for convenience in dipping, packing, &c. The said blank will usually be notched at one end, as shown at 3, the said notches corresponding in position with the groove 2, and serving to separate the ends of the splints, so that they may each have an independent portion of the igniting materials applied to them by dipping the end of the card into the said material in the usual manner.

It will be seen that in cards of this construction the splints are very readily separated from one another or broken apart, although the cards are sufficiently coherent to enable them to be readily handled in the subsequent process of finishing the matches and packing them in bunches. The finished matches are of pleasing appearance; and it will be seen that the stock removed in grooving does not practically cause any waste from a given amount of stock, the said number being greater than when some of the material is removed by sawing, and equal to the number that can be produced in the split cards.

I claim—

The card longitudinally grooved on both sides to produce a series of connected splints, and notched at its end in line with the grooves, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES B. GARDINER.

Witnesses:

JAMES H. DEAN,
SAMUEL T. JONES.