

(No Model.)

J. J. HOEY.

METHOD OF JOINING DOFFER RINGS FOR CARD SETTING MACHINES.

No. 254,651.

Patented Mar. 7, 1882.

Fig. 1.

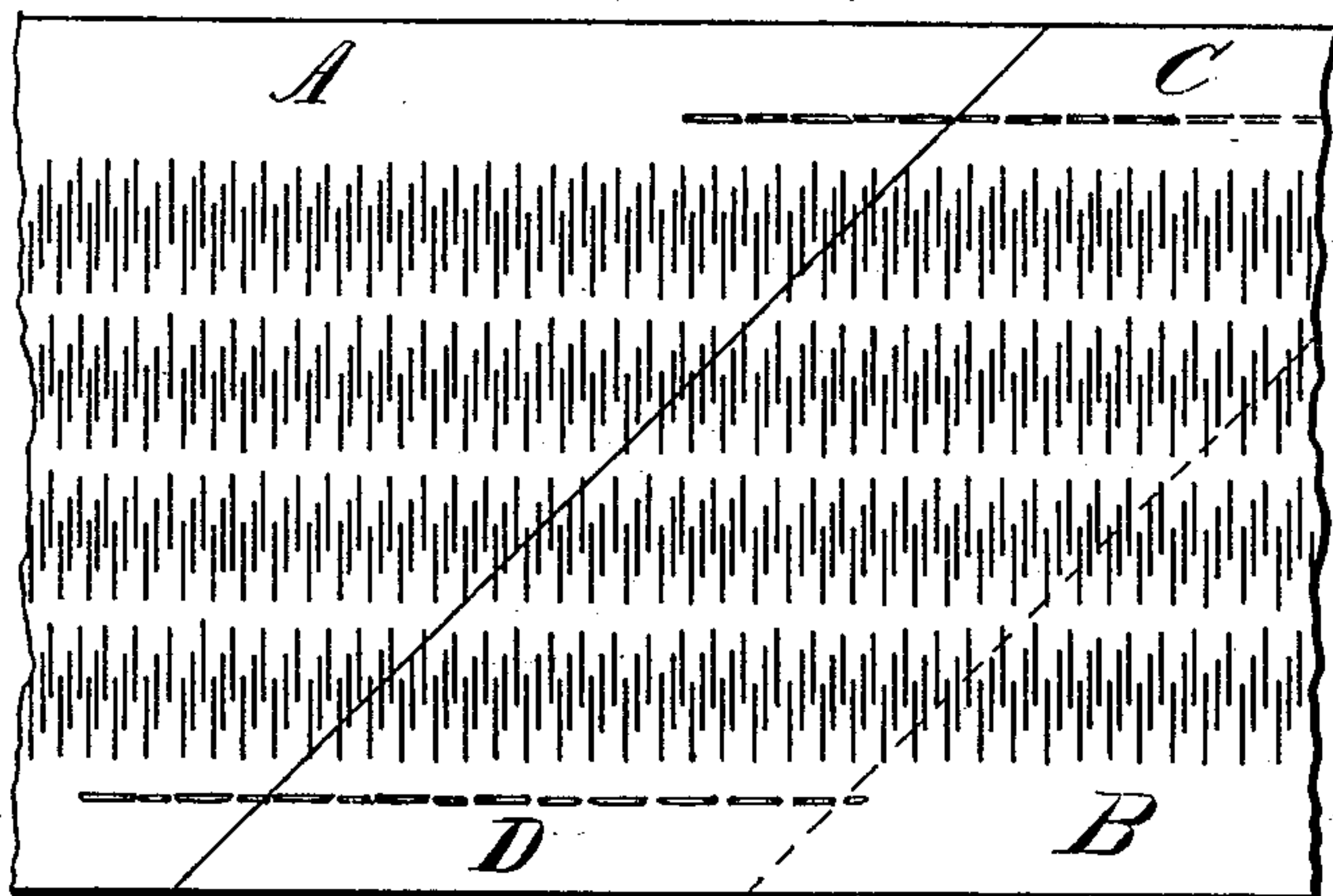
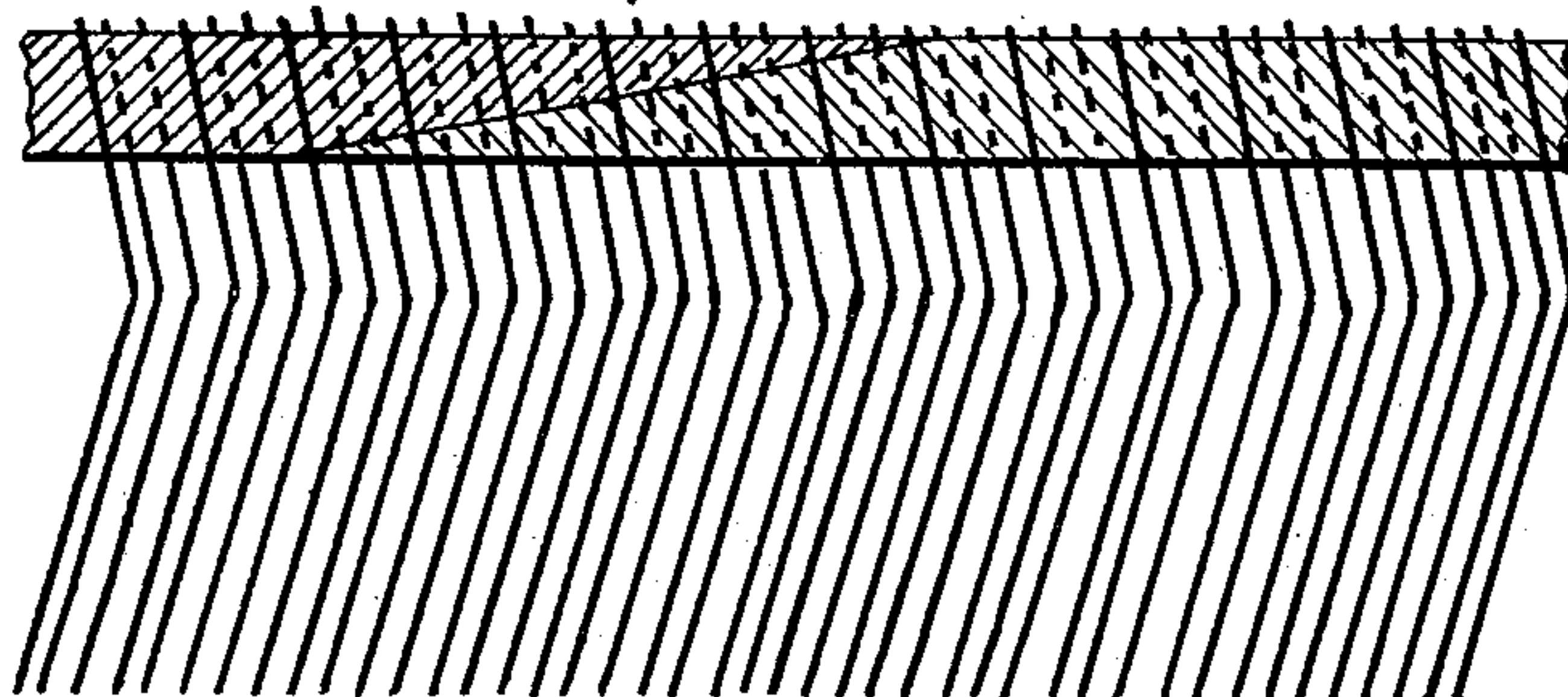


Fig. 2.



Fig. 3.



WITNESSES

Jas. C. Falley
E. H. Bradford

By *his* Attorney

INVENTOR

John J. Hoey
H. J. Ennis

UNITED STATES PATENT OFFICE.

JOHN J. HOEY, OF LAWRENCE, MASSACHUSETTS.

METHOD OF JOINING DOFFER-RINGS FOR CARD-SETTING MACHINES.

SPECIFICATION forming part of Letters Patent No. 254,651, dated March 7, 1882.

Application filed September 10, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. HOEY, a citizen of Lawrence, residing at Lawrence, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in the Method of Joining Doffer-Rings for Card-Setting Machines; 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 the letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of the back of a card or doffer-ring at the joint; Fig. 2, a longitudinal section with the teeth removed, showing the joint and the stitches; and Fig. 3 is a longitudinal section, showing the teeth passing through the joint.

This invention relates to improvements in joining doffer-rings for the card-setting machine; and the novelty consists in the construction of the same, as will be hereinafter more fully set forth.

In the accompanying drawings, similar letters of reference marked thereon indicate like parts of the invention.

A B represent the ends of the card-fillet, and to form the joint they are first cut obliquely,

as shown in Fig. 1. The oblique ends are then beveled, as shown in Fig. 2, and joined by suitable cements, preferably flexible ones—such as are known under the general name of “rubber cements.” The card-fillet is then stitched, as shown by C and D. This stitching adds materially to the strength of the joint, and at the same time does not interfere with its flexibility. The card-fillet is then placed in a card-setting machine and the teeth inserted in the usual manner. The teeth, when passed through the joint, as shown in Fig. 3, give additional strength to it, and the whole, when completed, forms a joint as strong and at the same time as flexible as any other part of the card-fillet proper.

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

The herein-described method of joining the ends of doffer-rings for card-setting machines, consisting in beveling the obliquely-cut ends and joining them together by cement and stitching, substantially as shown and described.

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

JOHN J. HOEY.

Witnesses:

JAMES W. LAWRENCE,
ARETAS R. SANBORN.