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Patented Dec. 12, 1899.

E. F. BRAISHER & H. M. FOULK.

UPHOLSTERING APPARATUS.

(Application filed June 14, 1899.)

(No Model.)

Fig. 1.

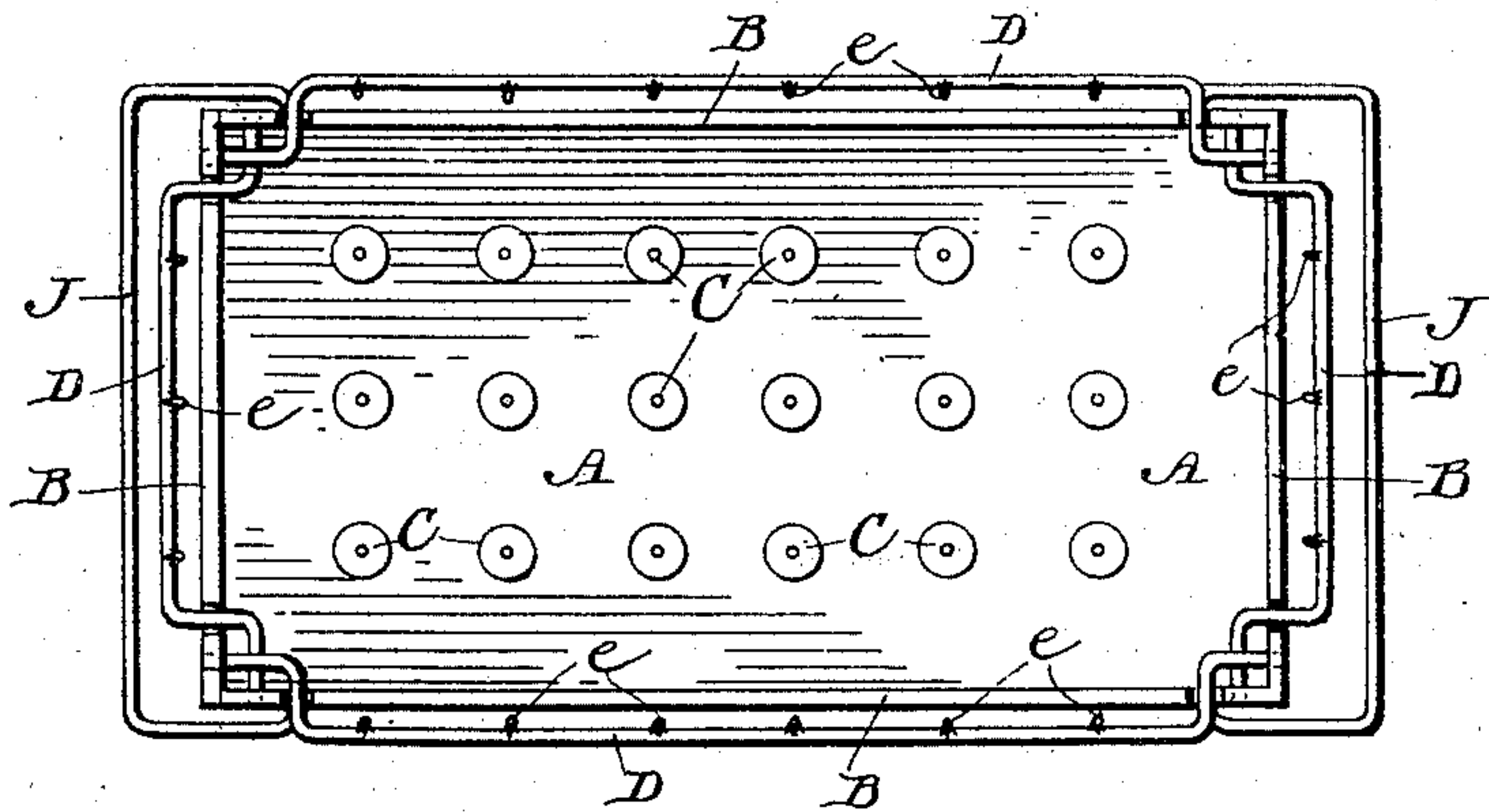


Fig. 2.

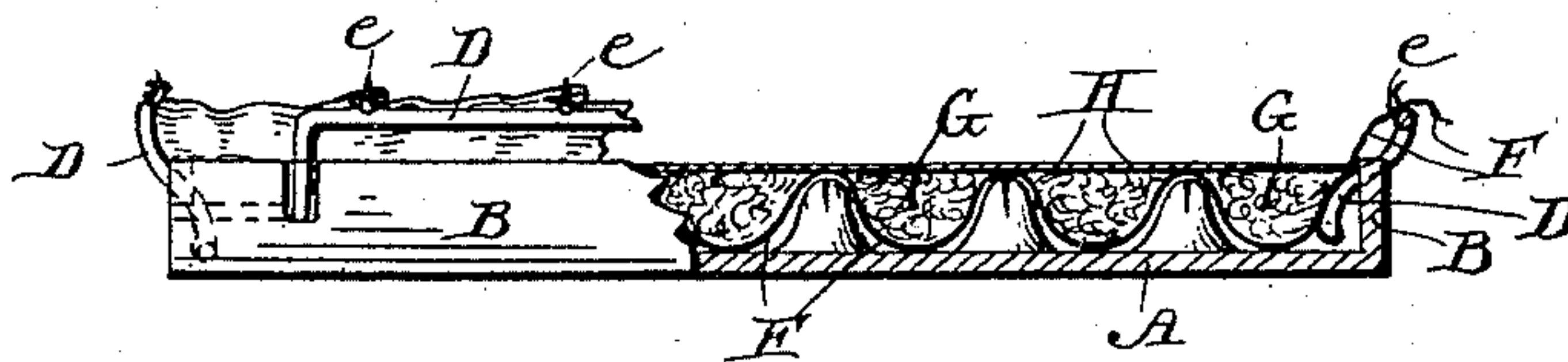
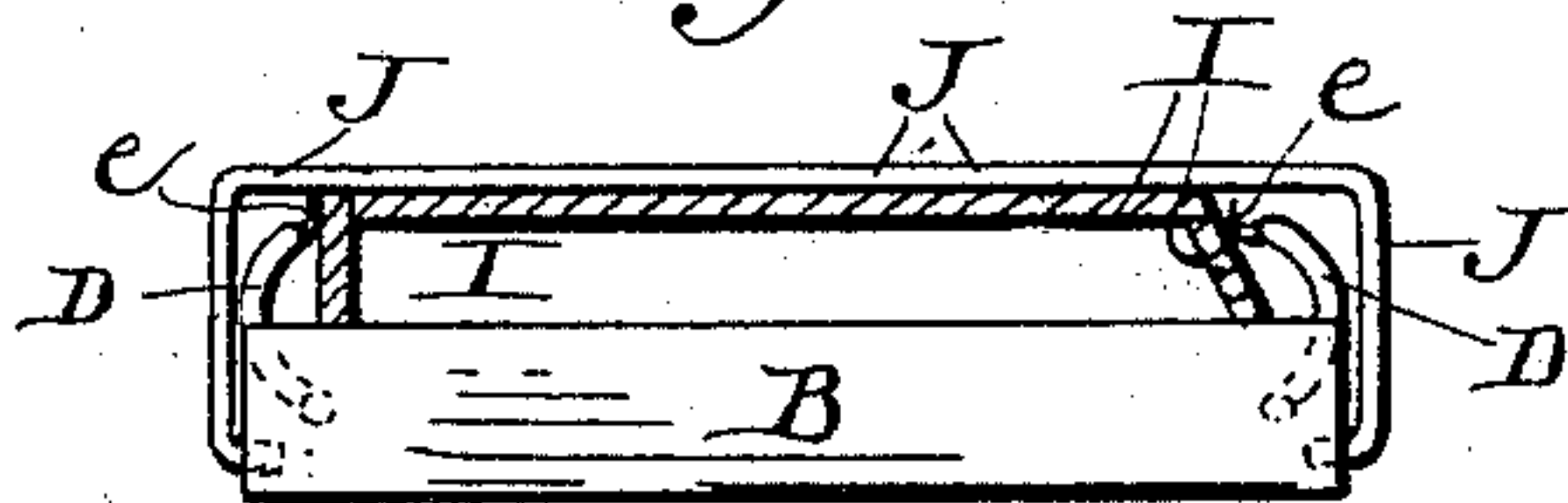


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD F. BRAISHER AND HORACE M. FOULK, OF OSHKOSH, WISCONSIN,
ASSIGNORS TO H. M. CLARK, OF SAME PLACE.

UPHOLSTERING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 639,142, dated December 12, 1899.

Application filed June 14, 1899. Serial No. 720,578. (No model.)

To all whom it may concern:

Be it known that we, EDWARD F. BRAISHER and HORACE M. FOULK, citizens of the United States, residing at Oshkosh, in the county of Winnebago and State of Wisconsin, have invented new and useful Improvements in Upholstering Apparatus for Cushions, of which the following is a specification.

Our invention relates to improvements in machines for making tufted cushions, and is especially adapted to the making of carriage-seat cushions.

Heretofore in the making of tufted cushions bottom upward by tufting machines or appliances it has been difficult to arrange or form the outer row of tufting and edge of the cushion. It has been usual to baste or tack the covering temporarily and afterward complete the cushion by hand.

Our invention provides a means of temporarily holding the covering after each edge tuft has been plaited and also allows each plait to be separately removed and tacked to the frame. We also provide a means of clamping the cushion together after it is pressed, so that it may be removed from the press and finished upon a table.

In the accompanying drawings, Figure 1 is a plan view of our invention. Fig. 2 is a side view with a portion cut away to show the operation of the hooks. Fig. 3 is an end view of the clamping device.

Similar letters refer to similar parts in each view.

A represents the bottom, and B B B B the sides, of the stuffing-box.

C C C, &c., are formers rigidly attached to the bottom A.

D D D D are upwardly-curved rods which support the hooks e e e, &c., the hooks being arranged in line with the formers C C C, &c. The ends of the rods are tenoned into the respective sides B B B B and may be revolved so as to be brought against or away from the frame. Fig. 1 shows the rods opened for insertion of the material.

The covering material F, Fig. 2, is first placed within the box bottom upward and arranged around the formers. The operator then plaits the edge of the covering opposite

each row of formers and secures each plait by hooking it over one of the hooks e. When the plaits are all hooked upon the hooks e e e, &c., around the box, the stuffing G is arranged within the tufts and the back H properly attached. Then the operator presses the cushion-frame I down upon the stuffing and revolves the clamps J J to the position shown in Fig. 3. The box containing the cushion may then be removed from the press to a table for finishing purposes. The operator then arranges the stuffing properly around the edges and revolves the rods D D D D toward the cushion-frame to the position shown in Fig. 3 against the frame. He can then easily remove the edge plaits one at a time from the hooks as he tacks the covering around the frame to complete the cushion.

In carriage-cushions it is of the greatest importance that the edges be built up properly. Our invention affords a means of quickly securing the plaits and holding them temporarily while the operator properly arranges the stuffing. Then the covering can easily and quickly be unhooked from the hooks and tacked to the frame or otherwise permanently secured.

The clamps J J may be pivoted at each end to the sides. We have shown them tenoned in openings in the sides, so as to be revoluble. The use of these clamps is of great advantage, as it enables the cushion to be removed from the press, so that the operator may work at a table or bench in finishing the cushion.

By means of our invention the operator is able to quickly locate the plaits at the proper place without marking and to temporarily secure the plaits so that they are readily detachable. The revolubility of the hook-supporting rods is of great advantage. They can be first moved away from the cushion, so that the operator will have plenty of room to arrange the stuffing and build up the edges and corners properly. Then they can be pressed forward against the frame to hold the covering uniformly against the frame while it is being tacked to the frame.

We do not wish to confine our invention to any particular way of securing the hook-supporting rods to the box so that they will be

movable away from and against the frame, as they may be pivoted or otherwise arranged to move laterally.

Having thus described our invention, what we claim to have invented, and desire to secure by Letters Patent, is—

1. In a machine for making plaited cushions, the combination of a suitable stuffing-box or former, movable rods secured to the sides of the said stuffing-box, and hooks carried by the said rods, the construction being such that by moving the rods to different positions, the goods for forming the cushions may be suitably held upon the said hooks so that it may be stuffed and formed into a cushion, substantially as described.

2. A machine for making plaited cushions comprising in its construction a stuffing-box or former, rods pivoted to the sides of the said stuffing-box so that they may be moved inwardly and outwardly, a series of hooks carried by the said rods for engaging the mate-

rial of which the cushion is to be formed, the construction being such that the goods may be held so as to properly stuff and plait it to form a cushion, substantially as described.

3. A machine for making plaited cushions comprising in its construction a stuffing-box, pivoted rods secured to its sides and ends, a series of hooks carried by the said rods for engaging the material of which the cushion is to be formed and clamps pivoted to the end of the said stuffing-box for holding a cushion-former in position so that the cushion formed may be secured thereto, substantially as described.

In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

EDWARD F. BRAISHER.
HORACE M. FOULK.

Witnesses:

J. WALKER,
FANNIE M. BACON.