

(No Model.)

J. J. DEAL.

FABRIC TURFING IMPLEMENT.

No. 330,301.

Patented Nov. 10, 1885.

Fig. 1.

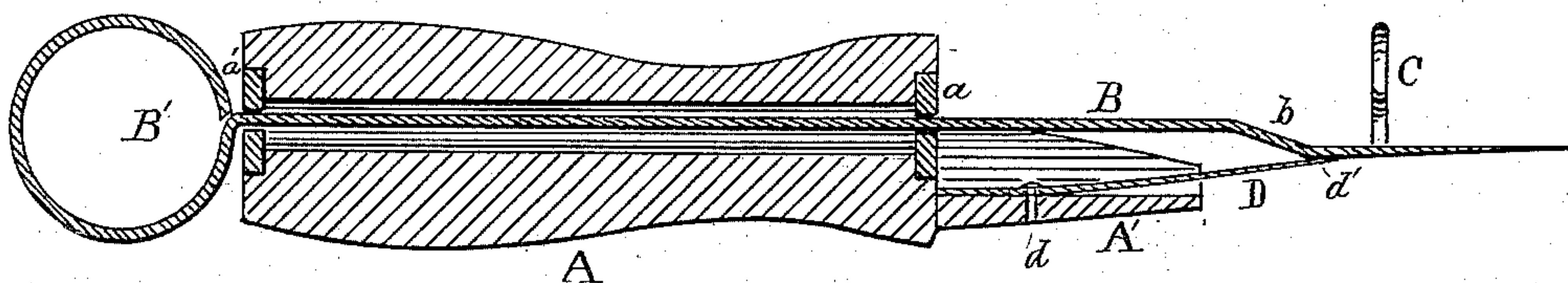


Fig. 2.

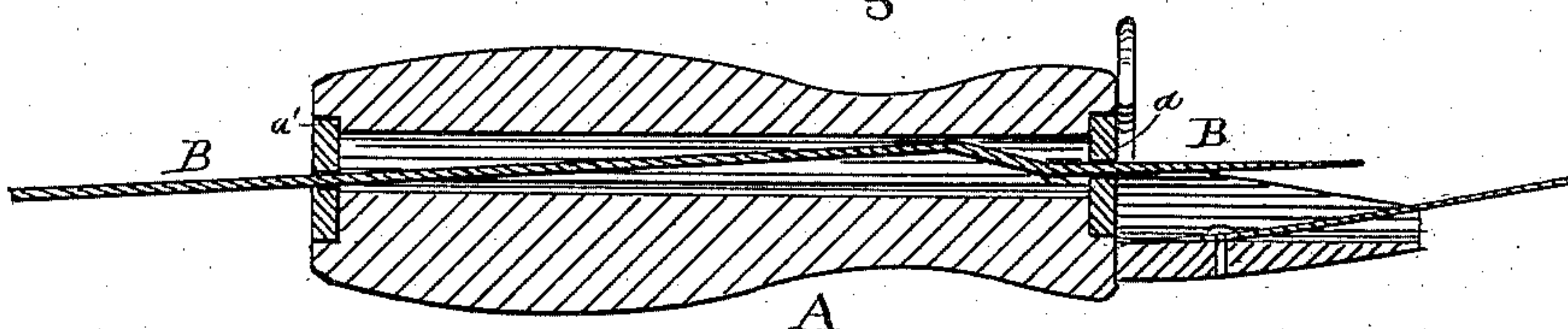


Fig. 4.

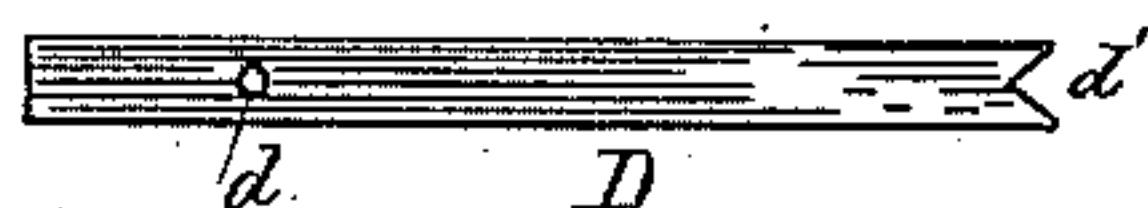
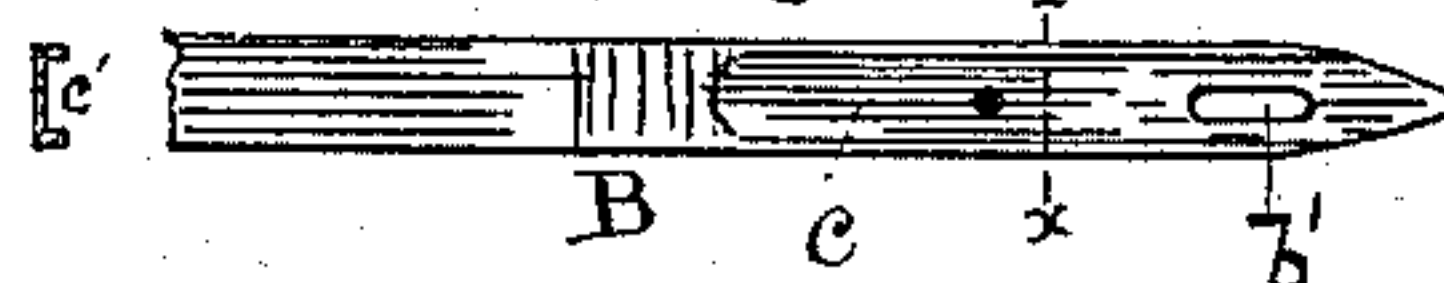


Fig. 3.



Witnesses

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JOSIAH J. DEAL, OF WILMOT, ASSIGNOR TO EBENEZER ROSS AND JOSEPH L. PARKS, OF TOLEDO, OHIO.

FABRIC-TURFING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 330,301, dated November 10, 1885.

Application filed May 8, 1885. Serial No. 164,821. (No model.)

To all whom it may concern:

Be it known that I, JOSIAH J. DEAL, a citizen of the United States, residing at Wilmot, in the county of Stark and State of Ohio, have invented a new and useful Improvement in Fabric-Turfing Implements, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in the implements used for turfing fabrics, which will be hereinafter more particularly described, and pointed out in the claim.

In the drawings accompanying and forming part of this specification, Figure 1 is a longitudinal section of the implement with the needle extended. Fig. 2 is a similar section with the needle drawn into the handle. Fig. 3 shows the needle detached and a cross-section of the needle at xx . Fig. 4 is a face view of the forked loop-holder.

A is a round handle, made of wood, having a hole bored through the axis, and at the ends metallic plates a a' , with a slot in each a little larger than the needle B, which needle is made of flat metal, having at one end the ring B', and at the other it is made sharp enough to penetrate the material which forms the foundation for the rug, mat, or other article to be turfed. The needle in cross-section is made with a square groove, c , as seen at c' , Fig. 3, which is a cross-section at xx of the needle. The loop-holder D, which is secured to the projection A' of handle A by a rivet or screw, has a forked end, d' , as seen in Fig. 4. The width of the loop-holder D corresponds with the width of the groove c , so that as the needle B moves to and fro the loop-holder keeps the needle true in its movement so long as they are in contact. The needle-shank B has

an angular bend at b , so that when the needle is drawn in by the ring B' the bent part b enters the slot at a , and the needle moves immediately and positively from the loop-holder, as shown in Fig. 2. This movement is necessary in all the apparatuses used for turfing, and in some it is accomplished by the hand of the operator pressing upon the one part of the handle, and requires great skill in the proper management of the parts. In the present device the movement is always the same, giving an exactness in the formation of the loops.

C is the guide for the yarn or thread, and is also the stop, as shown in Fig. 2. b' is the eye of the needle.

The operation of this implement is precisely like that of the others now in use; but in consequence of the bend made in the shank of the needle and the square groove on the under side in contact with the loop-holder, the loops are made with greater regularity, and I confine my claims to these two features, as set forth, all the other parts being old.

I claim—

In an implement for turfing fabrics, the needle formed with the angular bend b , to give the proper and regular motion of the needle transversely of its to-and-fro movement, in combination with the slotted plate a and handle A, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

JOSIAH J. DEAL.

Witnesses:

ROBERT L. SANDERSON,
WM. M. JOHNSTON.