

E. T. THOMAS.

Braid-Guide for Sewing-Machines.

No. 128,825.

Patented July 9, 1872.

Fig. 2.

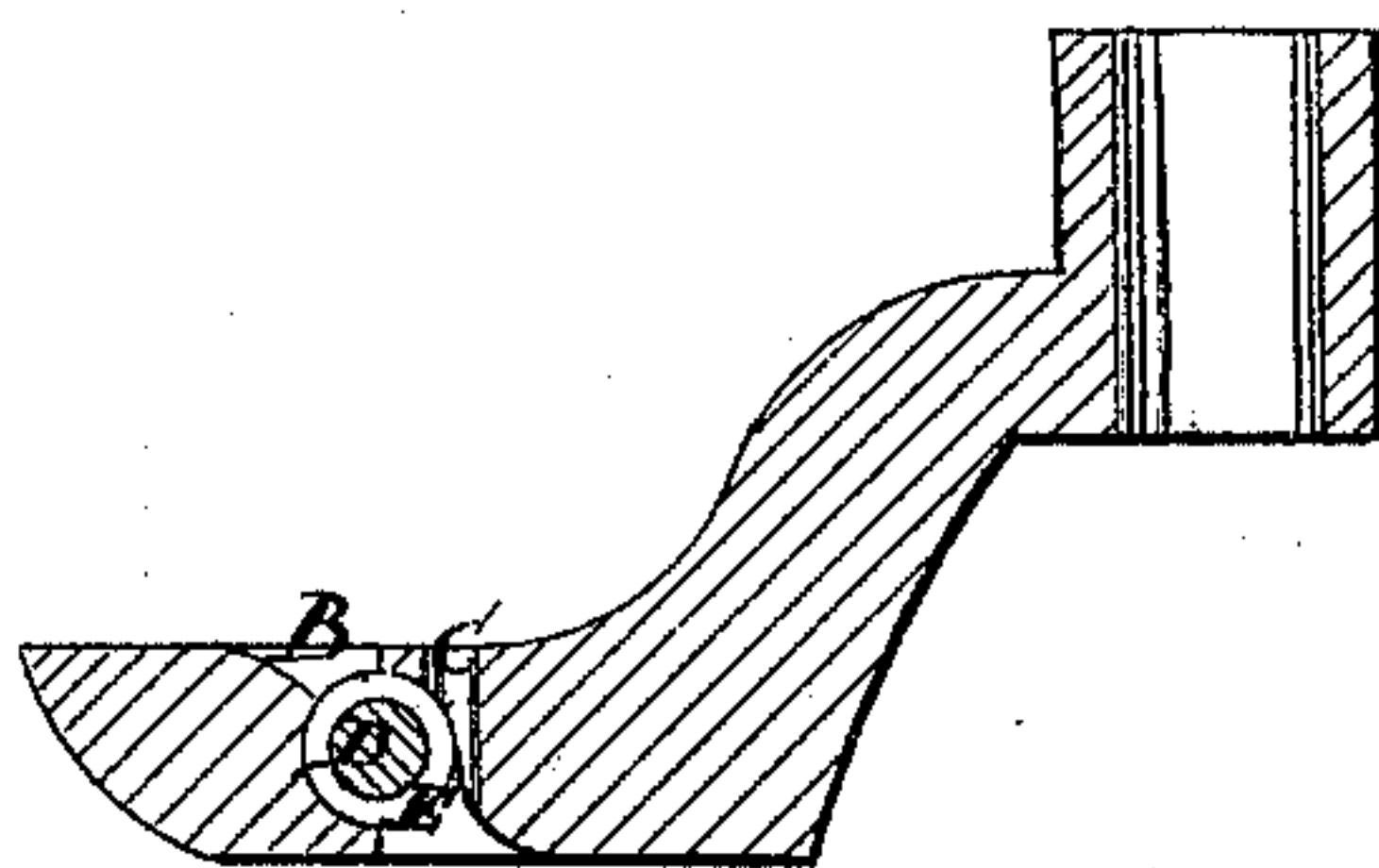
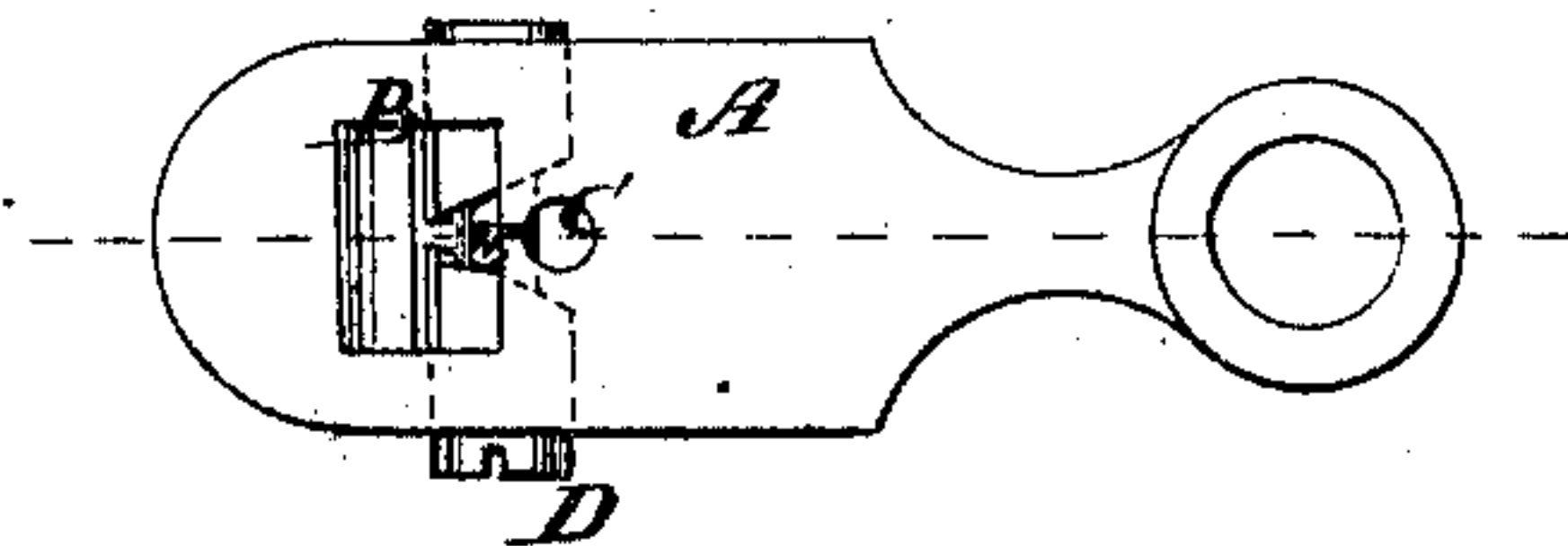


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

EDDY T. THOMAS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BRAID-GUIDES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 128,825, dated July 9, 1872.

Specification describing a new and Improved Braid-Guide for Sewing-Machines, invented by EDDY T. THOMAS, of Boston, in the county of Suffolk and State of Massachusetts.

My invention consists in the arrangement, within a sloping or diagonal slot in the presser-foot, of a cylindrical guide-piece, provided with a circumferential V-shaped groove and adapted to be turned or rotated on its axis, whereby the passage for the braid may be enlarged or contracted in width to accommodate wide or narrow braids, as hereinafter described.

Figure 1 is a plan view of a presser provided with a braid-guide upon my improved plan, and Fig. 2 is a sectional elevation of Fig. 1 taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the presser-foot, with a wide hole, B, through it from top to bottom in front of the needle-hole C and sloping downward toward it. D is a little cylinder fitted in a hole through the presser from side to side, and traversing this hole B. Said cylinder has a V-shaped groove, E, formed on it circumferentially, and

arranged so that the angle coincides with the line of the seam and points in the direction from which the cloth feeds when on the upper side of the cylinder, which said groove forms the passage for the braid to the needle, the said passage being bounded on three sides by the wall of the groove and on the other side by the wall of hole B next to the needle-hole. The cylinder is so fitted that it can be turned readily to bring a wider or narrower portion of the groove to the upper side, over which the braid passes. The passage or guide is thereby adjusted for wide or narrow braid.

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

The cylindrical piece D, provided with the circumferential V-shaped groove E, and adapted to be turned on its axis when arranged transversely of the inclined slot B of the presser-foot, as and for the purpose specified.

EDDY T. THOMAS.

Witnesses:

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