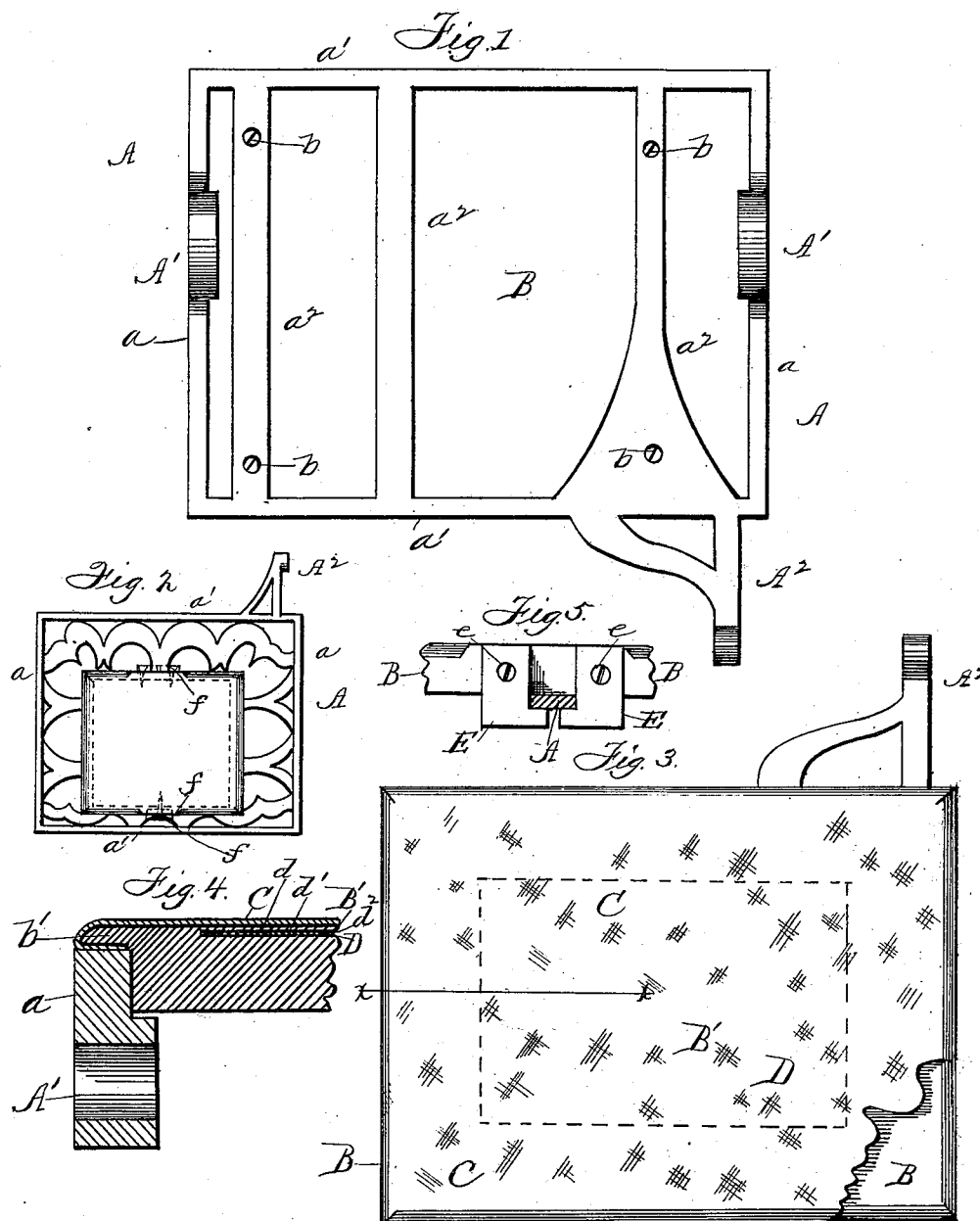


(No Model.)

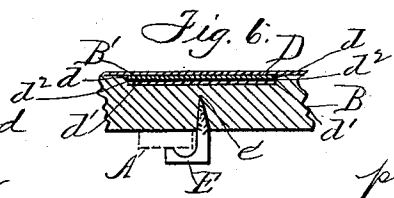
S. A. SHEPHERD.
SEWING MACHINE TREADLE.

No. 333,262.

Patented Dec. 29, 1885.



Witnesses:
W. Bernhard
H. Reeside



Inventor:
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UNITED STATES PATENT OFFICE.

SARAH A. SHEPHERD, OF WASHINGTON, DISTRICT OF COLUMBIA.

SEWING-MACHINE TREADLE.

SPECIFICATION forming part of Letters Patent No. 333,262, dated December 29, 1885.

Application filed March 25, 1884. Renewed June 4, 1885. Serial No. 167,631. (No model.)

To all whom it may concern:

Be it known that I, SARAH A. SHEPHERD, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Sewing-Machine Treadles; and I do 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 and figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements upon the device patented to me and Charlotte A. Van Cort on April 15, 1879, and numbered 214,266; and the invention consists in the construction, combination, and arrangement of parts, substantially as hereinafter more fully set forth, and particularly pointed out in the claims.

In the drawings which form a part of this specification, Figure 1 is a bottom plan view of my improved treadle. Fig. 2 is a top plan view showing an open-work cast-iron frame, with a block of wood or other suitable material secured thereto. Fig. 3 is a similar view having a covering of carpet or other like material, and showing, in dotted lines, an electric pad. Fig. 4 is a cross-section on the line *xx* of Fig. 3, and Figs. 5 and 6 are detail detached views.

Referring to the drawings, in which like letters of reference indicate like parts, A designates a frame made in a single casting and in the form shown in either Fig. 1 or 2.

In Fig. 1 the frame is composed of side bars, *a*, longitudinal bars *a'*, and transverse cross-bars *a''*, connecting the longitudinal bars; and in Fig. 2 an open-work frame of any fancy design such as is in common use is shown. The frame A is further provided with sockets *A'* *A'*, for the passage of the supporting-rod, and a bracket or extension, *A''*, to which is attached the link connecting the operating-wheel, as is common in machines of this class.

B designates a block of wood, papier-maché, or other suitable material, secured to the frame

A by screws *b*, and having a rabbet, *b'*, formed in its edges, which overlap the side edges of the frame when the block is in position. The block B is provided at or about its center with a depression, *B'*, within which is placed an electric pad, D, which may be composed of a sheet of copper, *d*, and zinc, *d'*, with an interposed layer of cloth, *d''*. The block B may be secured to the frame by the screws *b*, passing through the transverse bars *a''* thereof, or through flanges *f*, formed on the block B, (see Fig. 2,) or removably secured thereto by the brackets *EE'*. (Represented in detail in Figs. 5 and 6.)

In Fig. 5 the bracket E is approximately L-shaped, the upper arm thereof being secured by a screw, *e*, to the block B, while the lower or right-angled portions of two adjacent brackets embrace, and thus support, the frame A. In Fig. 6 the bracket is of substantially the same form, with the exception that the upper arm thereof is pointed, as at *e'*, and has niches or spurs formed thereon, whereby it may readily take into the block B without danger of being easily displaced.

C designates a covering, of carpet, cloth, or other suitable or like material, which is lapped under and secured in position by the rabbets in the edges of the board B, as clearly shown in Fig. 4.

It will be observed that the block B can be readily removed and another substituted therefor when the energy of the pad has become exhausted and it is desired to renew the same, and that the block can be fitted to any ordinary sewing-machine treadle now in use without necessitating a special construction thereof.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. In a treadle, a block of wood, papier-maché, or like material provided with rabbeted edges and a recess, in combination with a supporting frame and brackets, constructed substantially as described, and secured to the under surface of said block, as set forth.

2. In a sewing-machine treadle, the combination of the frame A, substantially such as

herein described and shown, block B, having rabbeted edges, and a depression or recess, covering of carpet, cloth, or other material, C, and an electro-galvanic pad, D, adapted to fit
5 within said recess and be hid from view by covering C, said covering adapted to lap under and besecured in position by the rabbeted edges of said block, substantially as herein

shown and described, and for the purpose set forth. 10

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

S. A. SHEPHERD.

Witnesses:

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H. J. BERNHARD.