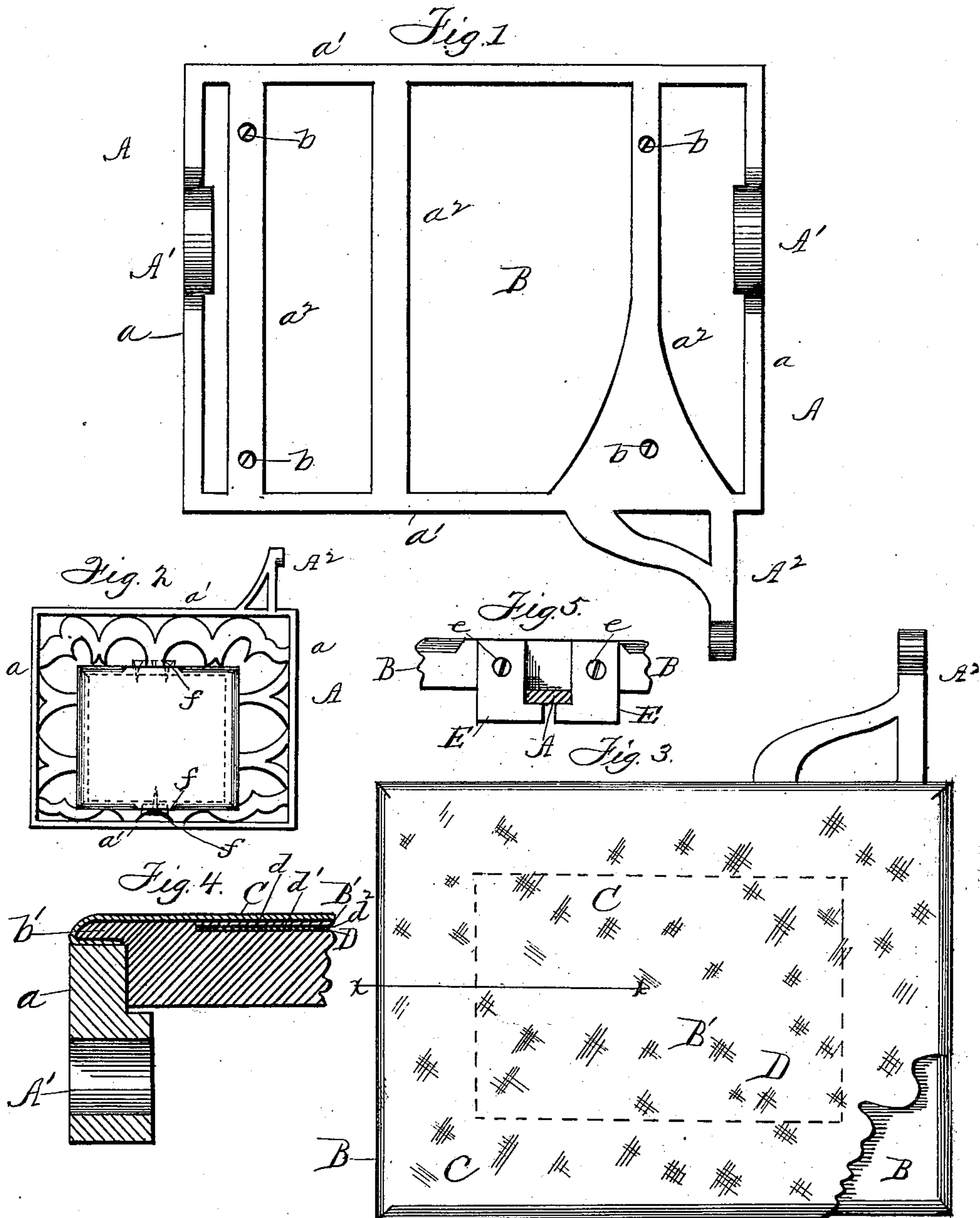


(No Model.)

S. A. SHEPHERD.  
SEWING MACHINE TREADLE.

No. 333,262.

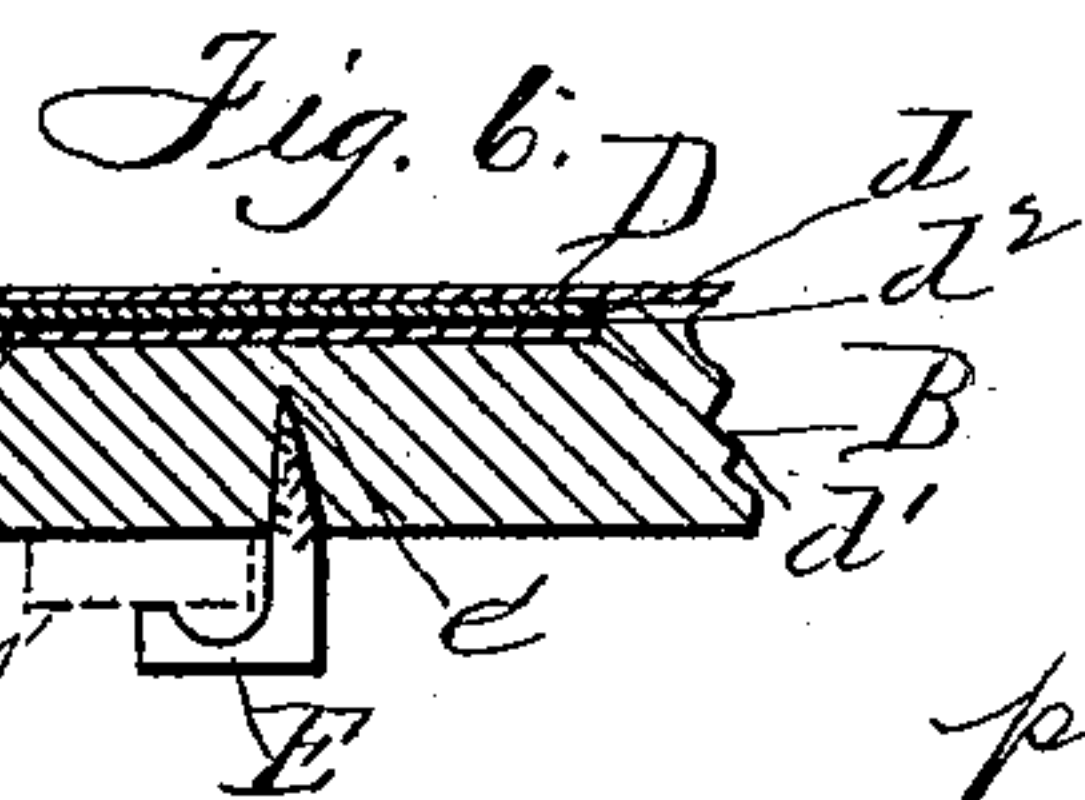
Patented Dec. 29, 1885.



Witnesses:

W. Bernhard

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Inventor:

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per Edson Bros.

Attorneys



# 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  
5 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  
10 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.

15 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  
20 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  
25 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  
30  $x x$  of Fig. 3, and Figs. 5 and 6 are detail detached views.

Referring to the drawings, in which like  
35 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-  
40 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,  
45 and a bracket or extension,  $A^2$ , 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  
50 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  
55 an electric pad, D, which may be composed of a sheet of copper,  $d$ , and zinc,  $d'$ , with an interposed layer of cloth,  $d^2$ . The block B may be secured to the frame by the screws  $b$ ,  
60 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  $E E'$ . (Represented in detail in  
Figs. 5 and 6.)

In Fig. 5 the bracket E is approximately  
65 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  
70 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  
75 othersuitable 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  
80 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  
85 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-  
90 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  
95 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 un-  
der and be secured 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:

JOSEPH FORREST,  
H. J. BERNHARD.