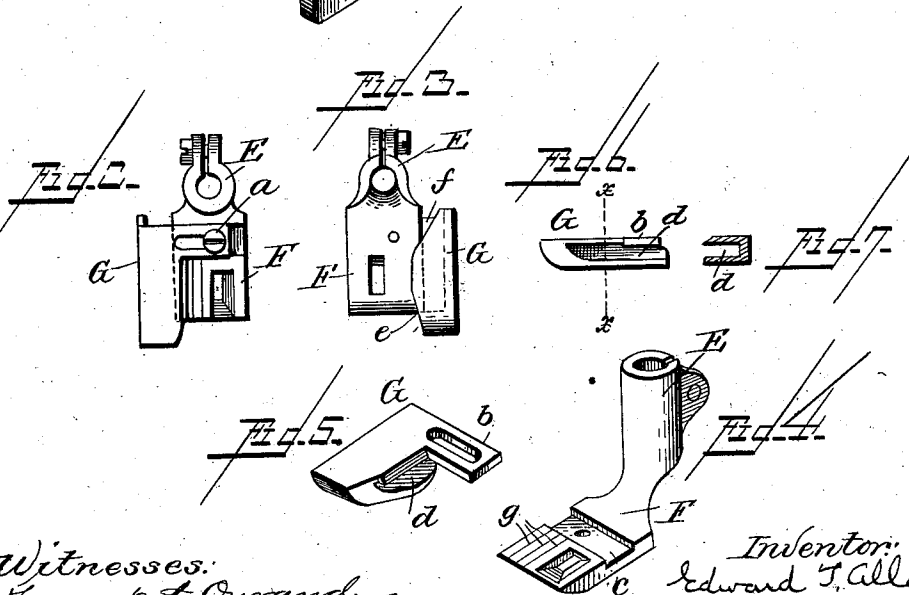
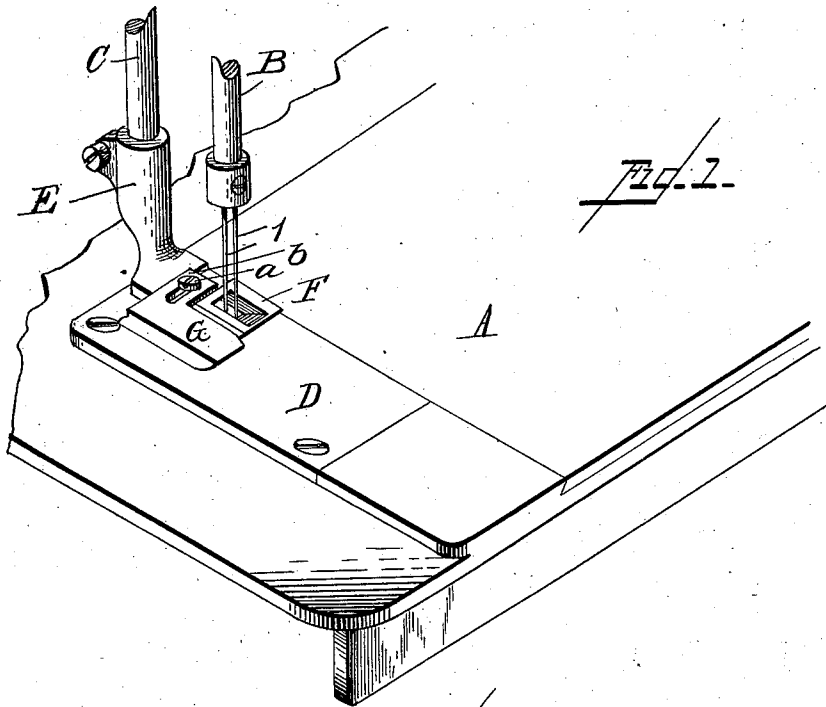


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No. 857,431.

PATENTED JUNE 18, 1907.

E. T. ALLAN.  
PRESSER FOOT FOR SEWING MACHINES.  
APPLICATION FILED MAY 21, 1900.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

EDWARD THOMAS ALLAN, OF CARTHAGE, OHIO, ASSIGNOR TO THE UNION SPECIAL SEWING MACHINE COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

## PRESSER-FOOT FOR SEWING-MACHINES.

No. 857,431.

Specification of Letters Patent.

Patented June 18, 1907.

Application filed May 21, 1900. Serial No. 17,407.

*To all whom it may concern:*

Be it known that I, EDWARD THOMAS ALLAN, a citizen of the United States, residing at Carthage, in the county of Hamilton, State of Ohio, have invented certain new and useful Improvements in Presser-Feet for Sewing-Machines, of which the following is a description, reference being had to the accompanying drawing, and to the letters and figures of reference marked thereon.

My invention relates to a presser foot for sewing machines, particularly adapted for use in tipping shoes. Where it is not desired on account of expense or other reasons, to use three or four needle machines for sewing the tips to the uppers of boots and shoes, it is necessary to utilize the single or double needle machines in common use for this purpose, and with the ordinary form of keel presser foot on such machines, when desired to sew down the tip with three or more rows of stitching, it has been found that the lines of stitching will not be parallel but will run off, and thus the goods be not up to sample, in which particular care is taken with the lines of stitching. This is especially so when the tip is pointed as is frequently the case, the ordinary form of presser foot not allowing the turning of corners as desired.

It is the object of the present invention to provide a presser foot adapted for attachment to single or two line machines, whereby the tip may be sewed on both its edges, the lines of stitching being kept parallel to each other and to the edge of the tip.

The invention consists in a presser foot constructed as hereinafter described and referred to in the appended claims.

The invention is illustrated in the accompanying drawings, in which

Figure 1 is a perspective end view of a portion of a sewing machine showing my presser foot in position; Fig. 2 is a top plan view of the presser foot as a whole; Fig. 3 is a bottom plan view of the same; Fig. 4 is a detail view of the presser foot without the adjustable portion; Fig. 5 is a detail view of the adjustable part of the foot; Fig. 6 is a side view of the adjustable part; and Fig. 7 is a cross section on line  $x-x$  of Fig. 6.

In these drawings, A represents a position of the bed plate of a sewing machine, B the needle bar herein shown as provided with

two needles 1, C is the presser bar, and D the throat plate. The presser foot shank E is clamped to the presser bar in the usual manner. The foot part F has the usual opening for the passage of the needles.

Secured to it by the set screw  $a$  is the adjustable portion G, having the slotted part  $b$  fitting in the groove  $c$ , of the foot F, this part G being formed with a recess  $d$  the walls of which inclose partially the part F of the foot. The lower edge of the part G has the inclined front portion  $e$  adapted to bear against and guide the edge of the tip to be sewed, this incline serving to keep it close to the work, while the rear portion  $f$  of the lower edge is more sharply inclined, allowing the work, when a corner is reached, such as the apex of the tip, to swing and then be guided in the new direction. The guiding edge of the part G between the inclined portions is parallel with the axis of the tread of the foot. Gage lines  $g$ , are provided on the part F to insure correct adjustment of the part G.

The operation is as follows, supposing the tip is to be sewed from left to right across the shoe and the first two lines of stitching are to be placed on that edge of the tip nearer the toe. The part G of the foot is adjusted away from the part F until its edge  $e$ , engages the edge of the tip, and the needle hole is in proper position; then the sewing operation is performed. When the other edge of the tip is to be sewed, the part G is moved in to engage the same and the lines of stitching passed through that edge.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:

1. A presser foot for sewing machines, comprising a main portion having a needle opening therein, and a supplemental portion carried thereby the lower face of which is below the main portion, said lower face having a guiding edge located at one side of the needle opening and substantially parallel with the tread of the foot, a guiding edge located forward of the needle opening and at an angle to the first named guiding edge and a guiding edge located back of the needle opening and at an angle to both said former named guiding edges; substantially as described.

2. A presser foot for sewing machines, comprising a main portion having a needle

opening and a transverse groove in its upper  
face, and a supplemental portion having a  
slotted shank fitting in said transverse groove  
and means for securing the supplemental por-  
5 tion in its adjusted positions, said supple-  
mental portion having a guiding edge ex-  
tending below the main portion and com-  
prising a guiding face which is substantially  
parallel with the tread of the foot and guid-

ing faces located at an angle to the first 10  
named guiding face; substantially as de-  
scribed.

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

EDWARD THOMAS ALLAN.

Witnesses:

CHAS. BROADWELL,  
SAML. W. BELL, Jr.