

F. BAYER.
SEWING MACHINE ATTACHMENT.
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983,343.

Patented Feb. 7, 1911.

Fig. 1.

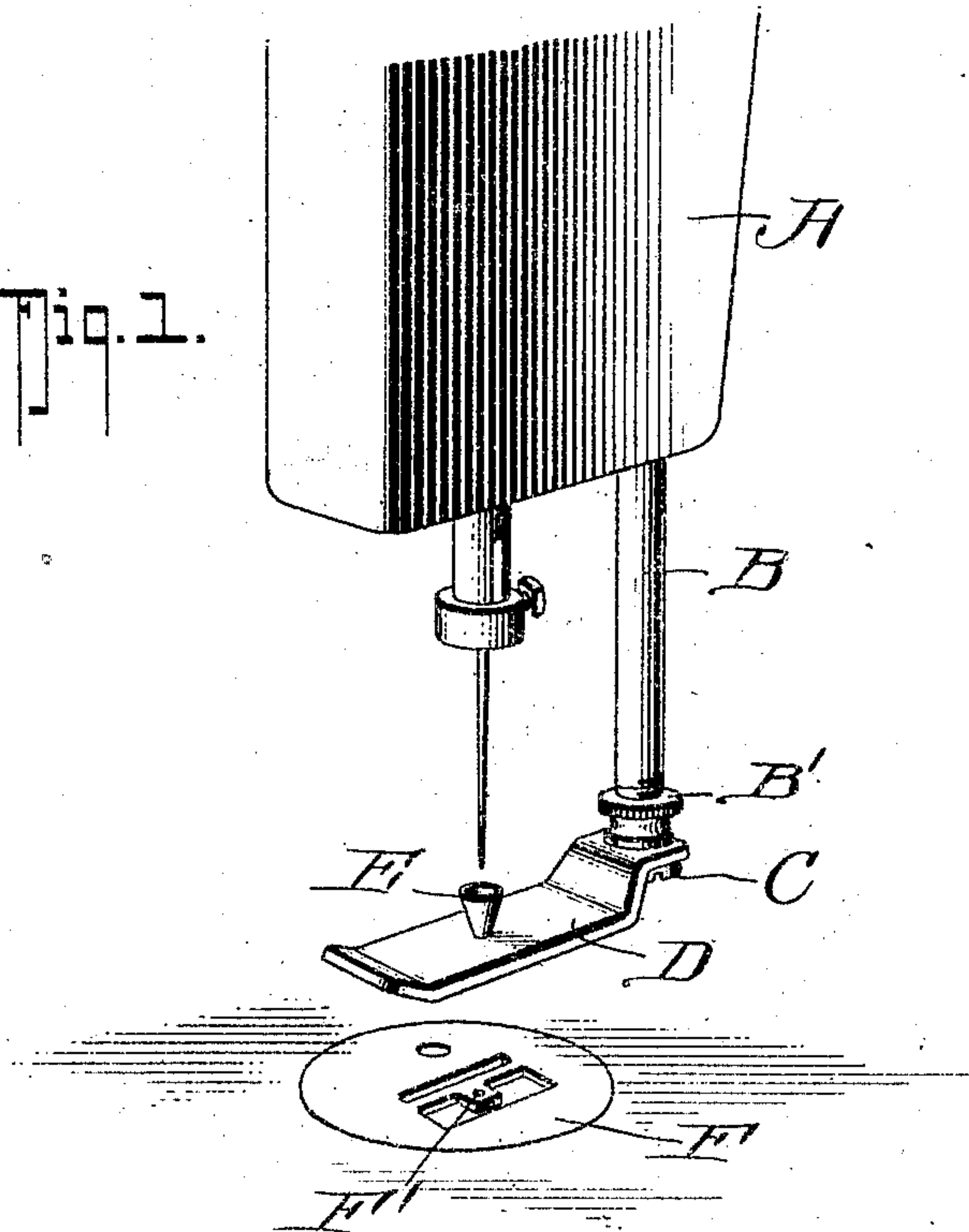
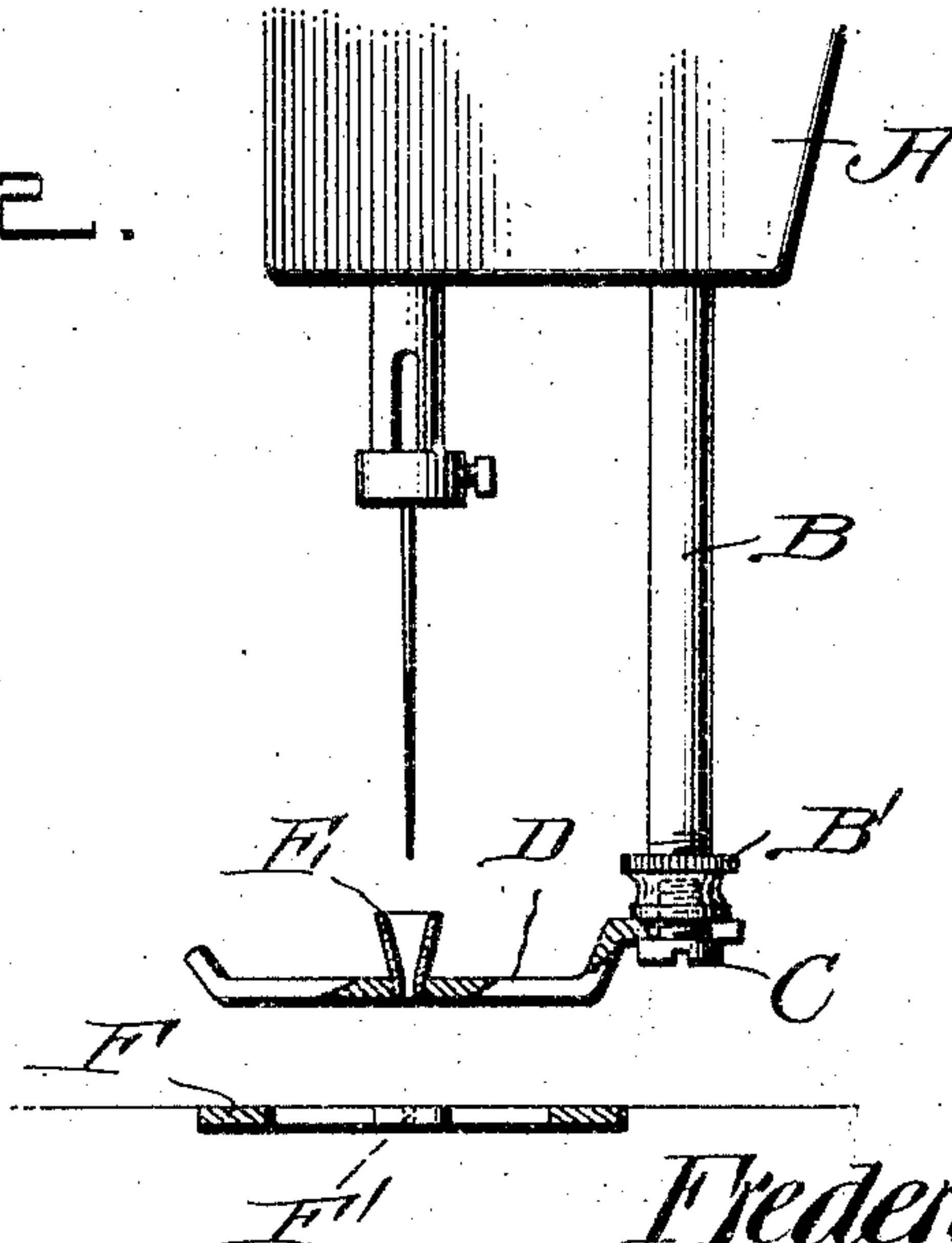


Fig. 2.



Witnesses

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SEWING-MACHINE ATTACHMENT.

983,343.

Specification of Letters Patent.

Patented Feb. 7, 1911.

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To all whom it may concern:

Be it known that I, FREDERICK BAYER, a citizen of the United States, residing at Jacksonville, in the county of Duval and State of Florida, have invented a new and useful Improvement in Sewing-Machine Attachments, of which the following is a specification.

This invention relates to attachments for sewing machines and more particularly to the presser foot and needle-plate, the object being to provide a presser foot with a needle guide and the needle plate with a small opening so that when these are attached to a sewing machine very fine soft silk can be sewed without bulging or drawing the threads from the goods.

With this and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts hereinafter fully described and pointed out in the claim.

In the drawing forming a part of this specification: Figure 1 is a perspective view of a portion of the head of a sewing machine, and table showing my improved needle guide and needle plate. Fig. 2 is a vertical sectional view through the needle guide and needle plate.

Referring to the drawing A indicates the head of the sewing machine which is provided with the ordinary presser-bar B having a threaded lower end on which is secured a clamping nut B'. A threaded re-

cess is formed in the end of the presser bar B in which works a set-screw C, on which is mounted the presser foot D which is formed larger than the ordinary presser-foot, so that the cloth will be held firmly. An opening is formed in the foot in which is mounted the spout of a funnel-shaped needle guide E which guides the needle through the presser-foot into the needle plate and prevents the point of the needle from striking against the side of the opening and breaking or bending the needle point.

The needle plate F is of the ordinary construction with the exception of the opening F' which is formed smaller so that the cloth will not be carried into the same with the needle thereby preventing the cloth from bulging or pulling.

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

An attachment for sewing machine comprising a presser foot having an opening to receive the presser bar, a means for locking the presser foot in its adjustable position, said presser foot being provided with an opening, and a funnel shape guide member, having its spout secured in said opening, and extending upwardly therefrom.

FREDERICK BAYER.

Witnesses:

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