No. 850,789. PATENTED APR. 16, 1907.

A. G. ROSENTHAL.

ATTACHMENT FOR SEWING MACHINES.

APPLICATION FILED DEC. 21, 1906.

Fig. 1.

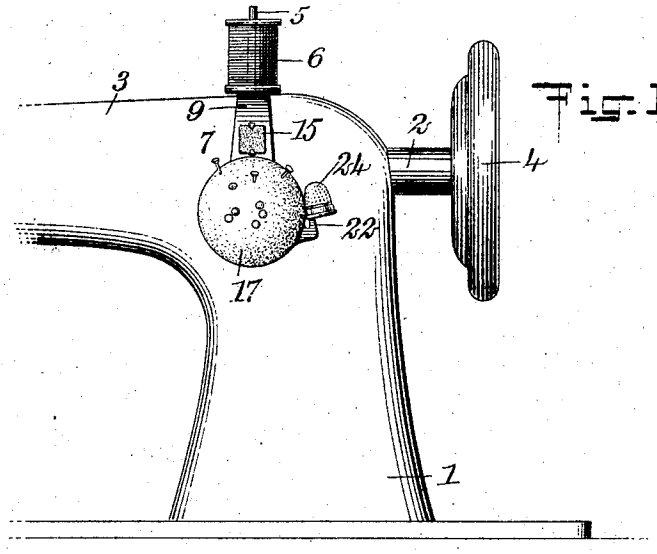


Fig. 2.

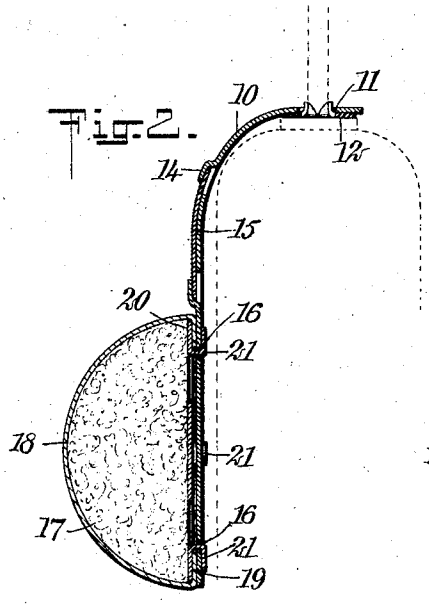
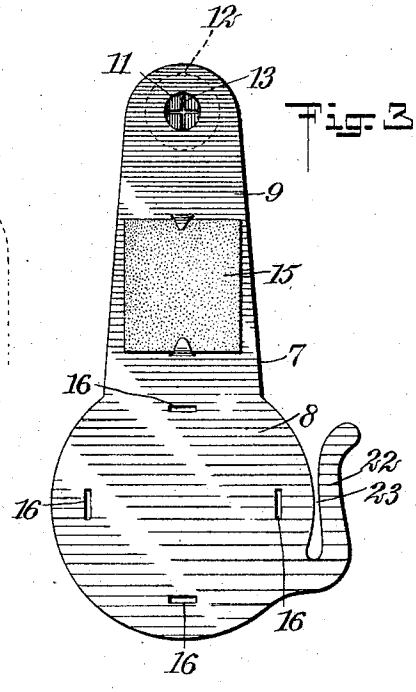


Fig. 3.



WITNESSES

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ATTACHMENT FOR SEWING-MACHINES.

No. 850,789. Specification of Letters Patent. Patented April 16, 1907.

Application filed December 21, 1906. Serial No. 348,888.

To all whom it may concern:

Be it known that I, ANDREW GLOVER ROSENTHAL, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Attachment for Sewing-Machines, of which the following is a full, clear, and exact description.

This invention relates to attachments for sewing-machines; and the object of the invention is to produce a simple attachment which will hold a pincushion, a needle-sharpening device, and a thimble-holder.

More specifically, the purpose of the invention is to produce a device of this nature which can be very cheaply manufactured and readily attached to the machine.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of a portion of a sewing-machine, representing the attachment in position. Fig. 2 is a vertical section through the attachment and representing a portion of the outline of the sewing-machine in dotted lines; and Fig. 3 is a face view of the main plate of the device, representing the same in a flattened or developed condition.

Referring more particularly to the parts, 1 represents the sewing-machine housing, which supports the shaft 2 in a horizontal arm 3, which arm leads toward the position of the needle-bar, as will be readily understood.

Sewing-machines of the class now referred to are generally provided on the upper side of the housing in the vicinity of the shaft 2 and on the wheel 4 with an upwardly-projecting stud or spool-holder 5. Upon this stud a spool 6 is placed, from which the thread is carried by suitable guides to the needle-bar. In applying my invention I provide a main plate 7, the form of which is very clearly shown in Fig. 3. The body 8 of this plate is of substantially circular form, and from this body an upwardly-projecting tapered tongue 9 extends. This tongue is bent in a curve 10, as indicated in Fig. 2, so that it conforms to the shape of the housing in the vicinity of the stud 5. Near its outer extremity the tongue is provided with an opening 11, which enables it to be hung upon the stud, as indicated in Figs. 2 and 4. In order that a good fit will take place, I provide on the under side of the plate at the opening 11 a washer 12, of rubber or similar material, which is provided with a slit 13 in the form of a cross. This washer forces itself up into the opening 11, as indicated in Fig. 2, so that a good fit between the opening and the stud is secured. Near the middle portion of the tongue 9 the material thereof is offset outwardly, so as to form two teeth or nibs 14, and these nibs are adapted to clamp the opposite edges of a piece of sandpaper or emery-paper 15, which constitutes a sharpener for putting in order the points of the needles. The body 8 of the plate is provided with a plurality of slits 16, preferably four in number, as indicated. These slits are for the purpose of facilitating the attachment of a pincushion 17. This pincushion consists simply of a pad having a suitable cover 18, of fabric or similar material, and this cover has its edge turned in against the face of the plate 7 and is held in position thereupon by a keeper-plate 20 of circular form, the said keeper-plate being provided with inwardly-projecting fingers 21, which project through the openings or slits 16 and are clamped upon the rear side of the plate 7, as indicated most clearly in Fig. 2.

At one side the body 8 of the plate is provided with an integral upwardly-projecting horn 22, and this horn projects toward the edge of the plate, so that a contracted throat 23 is formed, into which the side of the thimble 24 will force itself when the thimble is hung upon the horn in the manner illustrated in Fig. 1. In this connection it should be understood that the material of the plate is more or less resilient, so that the horn 22 operates as a spring-clamp to hold the thimble in position.

The device described is evidently very economically formed by stamping the parts of the same from sheet metal and assembling them in the manner described.

Attention is called to the fact that the abrasive sheet 15 is attached on the convex side of the curve 10, which arrangement much facilitates the facility with which the needles are applied to the sheet in sharpening the same.

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

1. A device of the class described, having a depending body with a pincushion attached thereto, and having an upwardly-projecting tongue adapted to be hung about the spool-stud of a sewing-machine, and a sheet of abrasive material attached on the outer face of said tongue.

2. An attachment for a sewing-machine, consisting of a plate having a pincushion attached to the outer face thereof, and having an upwardly-projecting curved tongue with an opening in the upper extremity thereof, adapted to be received over the stud or spool-holder of the sewing-machine, and a sheet of abrasive material attached on the outer face of said tongue on the curve thereof.

3. An attachment for a sewing-machine, consisting of a plate having a body with openings formed therethrough, a pincushion set over said body and having a cover with its edge turned under against said body, a keeper-plate engaging said edge and adapted to clamp the same against said body, said keeper-plate having fingers projecting through said openings and clenched upon the rear side of said body, said plate further having an upwardly-projecting tongue with an opening adapted to receive the stud of the spool-holder of said sewing-machine, said tongue above said cushion having outwardly-offset nibs, and a sheet of abrasive material held on the outer side of said tongue by said nibs.

4. An attachment of the class described, having an upwardly-projecting tongue with an opening therethrough adapted to be received over a stud or spool-holder, and a washer of compressible material disposed under said tongue at said opening, and having a slit therein whereby the material of said washer becomes forced up into the said opening.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANDREW GLOVER ROSENTHAL.

Witnesses:

AUG. E. EBELING,

RICHARD R. UTZ.