

P. R. GREIST.  
 SEWING MACHINE ATTACHMENT HOLDER.  
 APPLICATION FILED JAN. 24, 1908.

900,070.

Patented Sept. 29, 1908.

FIG. 1.

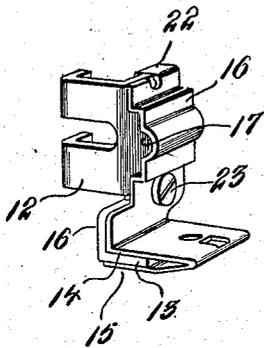


FIG. 2.

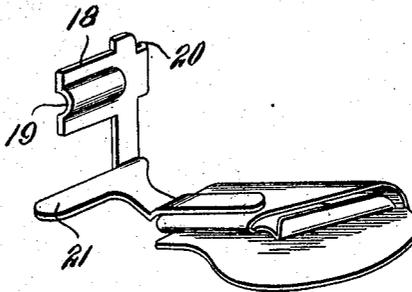


FIG. 3.

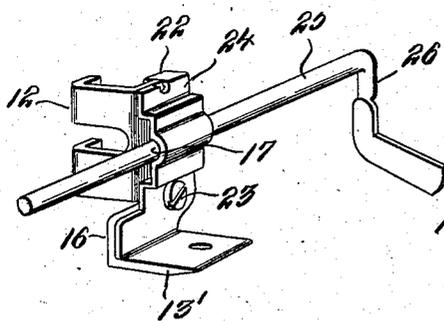
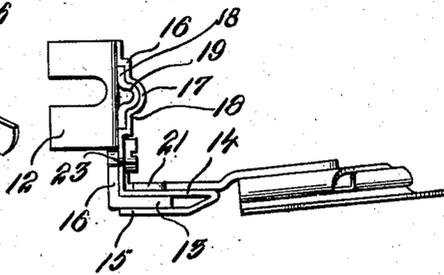


FIG. 4.



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# UNITED STATES PATENT OFFICE.

PERCY RAYMOND GREIST, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE GREIST MANUFACTURING COMPANY, A CORPORATION OF CONNECTICUT.

## SEWING-MACHINE-ATTACHMENT HOLDER.

No. 900,070.

Specification of Letters Patent.

Patented Sept. 29, 1908.

Application filed January 24, 1908. Serial No. 412,407.

*To all whom it may concern:*

Be it known that I, PERCY RAYMOND GREIST, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented or discovered certain new and useful Improvements in Sewing-Machine-Attachment Holders, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has for its object to provide a sewing machine attachment holder which may be produced at little expense and which is of such construction that various attachments, such as hemmers, binders, quilters and the like, may be readily inserted into working position or removed therefrom, the attachments being frictionally held in place so as to avoid the use of binding screws which are more or less expensive to make, and which require metal of considerable thickness for their proper mounting, the construction of the present improved attachment holder being also such that the presser-foot, constituting a part thereof, may be stamped from sheet metal, as may also the part mounted on the presser-foot and providing, in connection with the presser-foot, the attachment holder.

In the accompanying drawings, Figure 1 is a perspective view of one form of the improved attachment holder. Fig. 2 is a perspective view of a hemmer adapted for the said attachment holder. Fig. 3 is a perspective view of another form of the improved attachment holder slightly different from that shown in Fig. 1, with a quilting guide or quilter mounted in working position on said attachment holder. Fig. 4 is a side view of the form of attachment holder shown in Fig. 1 with the hemmer shown in Fig. 2 mounted in place on said attachment holder.

Referring to the drawings, 12 denotes a shank of a presser-foot adapted for attachment to the presser-bar of a sewing machine, and of such construction as to be readily stamped from sheet metal, said shank having a horizontal extension 13. The presser-foot proper preferably consists of a piece of sheet metal folded to form upper and lower members 14 and 15 embracing the said extension 13, the said folded piece of sheet metal being provided with a vertical extension 16 bent outwardly to form, between

itself and the front wall of the shank 12, an opening 17 for the reception of a horizontal shank 18 of an attachment to be held in place, such, for example, as the hemmer shown in Fig. 2. The said shank 18 is preferably so stamped as to form a rounded rib 19 fitting a corresponding rounded recess or socket which is a part of the opening 17, and which is formed by a convex or outwardly curved portion of said vertical extension 16; and the shank of the attachment is also preferably provided with a horizontally projecting, backwardly turned lug 20 against which the finger of the user of the attachment may be pressed when it is desired to remove the attachment from the holder. The shank of the attachment is also provided with a horizontal finger 21 which is so disposed as to bear frictionally on the upper surface of the presser-foot, and thus assist in securing the attachment in place, and affording additional frictional bearing for the purpose of more steadily holding the attachment in working position. The vertical extension 16 of the folded plate is provided at its top with a hook 22 slightly overlapping the top of the shank 12, and the folded plate with its extension is attached to the said shank by means of a rivet or screw 23.

In the form of the invention shown in Fig. 3 the foot portion proper 13' of the presser-foot is of solid metal and the attachment holder therefore consists merely of the plate 24, corresponding to the vertical extension 16, secured to the vertical shank of the presser-foot by means of a screw or rivet 23 and the hook 22.

The rounded portion of the socket of either form of the attachment holder illustrated is adapted for the reception of an attachment with a plain round shank, such, for example, as the shank 25 of the quilter 26 shown in Fig. 3.

From the foregoing it will be apparent that all parts of the attachment holder may be stamped from sheet metal, and thus a comparatively inexpensive construction is afforded by the invention. It will also be obvious that an attachment such as that shown in Fig. 2 may be readily inserted into or removed from working position relative to the presser-foot, and owing to the fact that it has two separated parts, as the shank 18 and the finger 21, bearing against the

presser-foot, it will be steadily and securely retained in working position relative to the presser-foot.

If desired the upper and lower members of the folded portion of the plate embracing the horizontal extension 13 of the presser-foot shank may be provided with guiding apertures suitable for use as a braider or corder, as is fully described in my application Serial No. 412,406 filed simultaneously herewith.

Another advantage incidental to the improved construction, whereby attachments are frictionally but firmly held in working position, is the facility with which the different attachments may be adjusted laterally, or in a direction transverse to the line of sewing; thereby enabling the operator to stitch at any desired distance from the edges of the work, such adjustments being effected without the trouble of loosening and tightening set screws, as is usually necessary.

Having thus described my invention I claim and desire to secure by Letters Patent:—

1. A sewing machine attachment holder consisting of a vertical presser-foot shank, and a sheet metal strip having an outwardly bent portion which is partly convex or rounded and thus forming, between itself and a vertical wall or surface of said shank, a partly rounded recess or opening adapted to hold a shank of a sewing machine attachment.

2. A sewing machine attachment holder consisting of a vertical presser-foot shank having a horizontal extension, a folded strip of sheet metal having upper and lower members embracing said extension and thus forming a presser-foot, said strip having a vertical extension constructed to form, between itself and a vertical wall or surface of said shank, a horizontal opening suitable to receive the shank of a sewing machine attachment.

3. A sewing machine attachment holder comprising a presser-foot to the vertical portion or shank of which is secured a sheet

metal plate between which and the front wall of said shank is formed an opening, combined with an attachment having a horizontal shank fitting said opening and having also a horizontal finger below and separated from said horizontal shank of said attachment, said finger being arranged to bear frictionally against the top of the presser-foot proper, thus serving to assist in steadily securing the attachment frictionally in working position.

4. A sewing machine attachment holder comprising a presser-foot to the vertical portion or shank of which is secured a sheet metal plate between which and the front wall of said shank is formed an opening, combined with an attachment having a horizontal shank fitting said opening and having also a horizontal finger bearing frictionally against the top of the presser-foot proper, and thus serving to assist in steadily securing the attachment frictionally in working position, said attachment also having a projecting lug, as 20, adapted to be pressed against in removing the attachment from the holder.

5. A sewing machine attachment holder consisting of a vertical presser-foot shank having a horizontal extension, a folded strip of sheet metal having upper and lower members embracing said extension and thus forming a presser-foot, said strip having a vertical extension constructed to form, between itself and a vertical wall or surface of said shank, a horizontal opening suitable to receive the shank of a sewing machine attachment, combined with an attachment having a horizontal shank fitting said opening and having also a horizontal finger bearing frictionally against the top of the presser-foot proper, and thus serving to assist in steadily securing the attachment frictionally in working position.

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

PERCY RAYMOND GREIST.

Witnesses:

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