(No Model.)

J. COOK.

ATTACHMENT HOLDER FOR SEWING MACHINES.

No. 412,164. Patented Oct. 1, 1889.

Fig. 1.

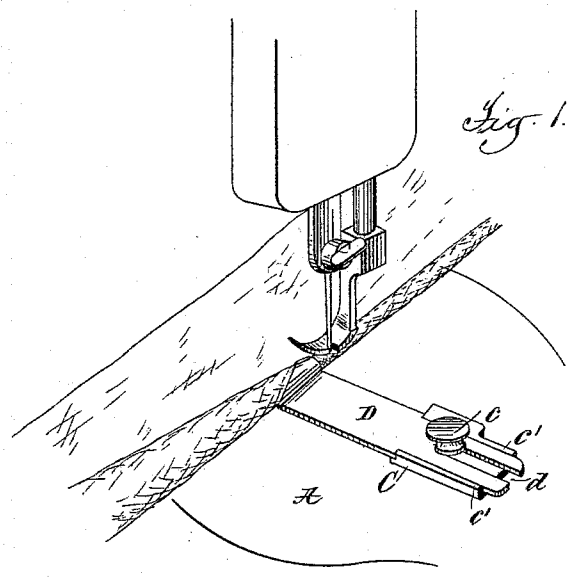


Fig. 2.

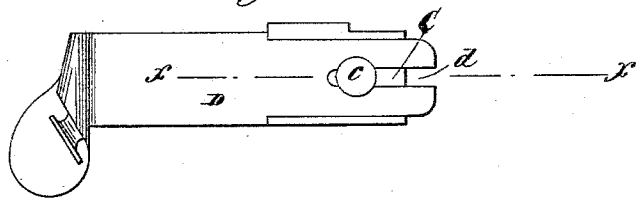


Fig. 4.

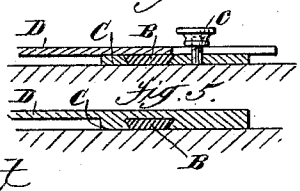
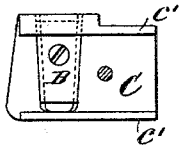


Fig. 5.

Fig. 3.



Attest
Geo. H. Botts
Joseph M. Crane

Inventor
James Cook
by his Atty.
Charles F. Dame

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JAMES COOK, OF OGDENSBURG, NEW YORK, ASSIGNOR OF ONE-HALF TO BENJAMIN C. ALGIE, OF SAME PLACE.

ATTACHMENT-HOLDER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 412,164, dated October 1, 1889.

Application filed May 4, 1889. Serial No. 309,635. (No model.)

To all whom it may concern:

Be it known that I, JAMES COOK, a citizen of the United States, and a resident of Ogdensburg, St. Lawrence county, and State of New York, have invented new and useful Improvements in Attachment-Holders for Sewing-Machines, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to adjustable attachment-holders; and it consists of means located on the attachment proper and on the bed-plate of the sewing-machine whereby the attachment may be adjustably held on the bed-plate of the sewing-machine, the object of my invention being to provide a means both cheap and simple whereby attachments of different kinds adapted for use in connection with sewing-machines may be easily and quickly detached from or secured to the sewing-machine without further adjustment, being especially applicable for tailors' use or others requiring more or less change in the character of the attachments used, according to the kind or different parts of garments or other articles operated upon.

Referring to the drawings, Figure 1 represents a perspective view of a section of the arm and bed-plate of a sewing-machine, showing an attachment secured to the latter by means of my improved attachment-holder. Fig. 2 represents a top view of the attachment and its holder. Fig. 3 represents a top view of the attachment-holder, showing the connecting parts. Fig. 4 is a sectional view of Fig. 2 through line x x, showing the construction of the connecting parts; and Fig. 5 is a sectional view of a modification to be referred to hereinafter.

In the drawings, A represents the bed-plate of a sewing-machine, and B represents a "holding-plate," so called, (more clearly shown in Fig. 3,) located upon said bed-plate and adapted to be secured in a fixed position thereon by screws or rivets, or be cast or formed integral therewith. Said holding-plate is slightly wedge-shaped, and its longitudinal edges are beveled, as more clearly shown in Figs. 4 and 5, adapted for dovetail connection with a counterpart opening located in an "attaching-plate," so called, C. Said attaching-plate C in the instance shown has adjustable connection with a hemmer, and is provided with raised or upturned edges c' c', which embrace the sides of the shank or stem D of the hemmer and allow the latter to be adjusted longitudinally upon the same and be adjusted in its relative position to the needle. The attachment by means of its shank or stem D in the instance shown is secured to the said attaching-plate by means of a set-screw c, which extends through a longitudinal slot d in said shank or stem D and engages the said attaching-plate C, and the head of said set-screw is of sufficient width to span said longitudinal slot d to bind upon the opposite sides of the same to secure said parts together. The said counterpart opening in the attaching-plate C, adapted for connection with the holding-plate B, as before described, is arranged therein transversely to the length of the shank of the attachment, and the widest end of said wedge-shaped holding-plate B is toward the back of the machine. As whatever strain or pull the goods may have upon the attachment is toward the back part of the machine or toward the widest part of the said plate B, it serves to bind and tighten the said attaching-plate C, upon which the attachment is secured, as before described, upon its holding-plate B, as will appear obvious. The said attaching-plate C, containing the counterpart opening for connection with the holding-plate B, I sometimes secure in a fixed position upon the shank or other supporting part of the attachment by suitable means or cast the same integral therewith, as clearly shown in Fig. 5, in lieu of having adjustable connection therewith, as hereinbefore described.

The foregoing description relates more particularly to the attachment-holder or means for forming the same, in combination with a hemmer. I do not, however, confine myself to the use of the said attachment-holder in combination with a hemmer only, as hereinbefore described, as it is obvious that the same may be adapted for use in combination with any attachment of the sewing-machine class.

By use of the means as shown and described

for attaching and securing attachments in position on the bed-plate of the sewing-machine it may be readily seen and understood how quickly and how easily the operator may attach and detach attachments to and from the machine and the advantage thus gained.

Having thus set forth my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

An attachment-holder for sewing-machines, consisting of two plates located, respectively, the one B in a fixed position upon the bed-plate of a sewing-machine and the other C having an adjustable connection with the attachment, the former of said plates being wedge-shaped and provided with beveled edges, making a dovetail connection with a counterpart opening located in the opposite connecting-plate, substantially as and for the purpose set forth.

JAMES COOK.

Witnesses:
S. R. BALFOUR,
D. C. MCCARGAR.