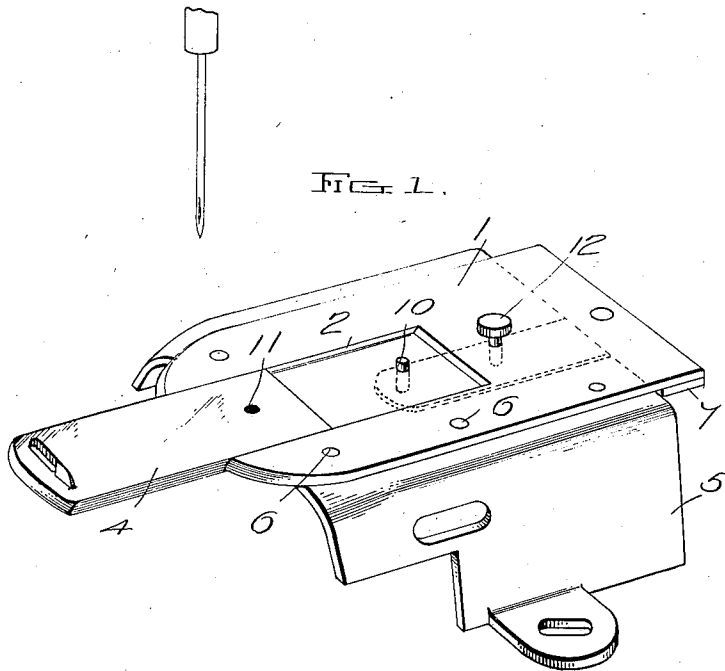
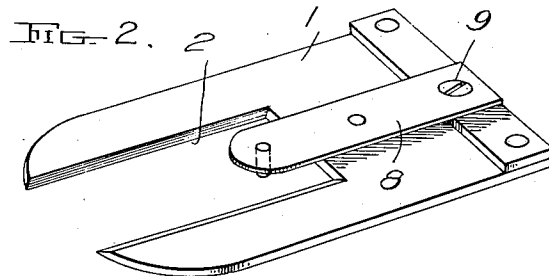
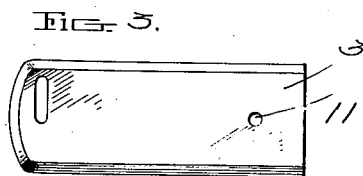


E. G. DAVIS.
ATTACHMENT FOR SHOE STITCHING MACHINES.
APPLICATION FILED APR. 10, 1918.

1,290,924.

Patented Jan. 14, 1919.



WITNESS

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UNITED STATES PATENT OFFICE.

EDWARD G. DAVIS, OF MADISON, INDIANA.

ATTACHMENT FOR SHOE-STITCHING MACHINES.

1,290,924.

Specification of Letters Patent.

Patented Jan. 14, 1919.

Application filed April 10, 1918. Serial No. 227,647.

To all whom it may concern:

Be it known that I, EDWARD G. DAVIS, a citizen of the United States, and a resident of Madison, in the county of Jefferson and State of Indiana, have invented certain new and useful Improvements in Attachments for Shoe-Stitching Machines, of which the following is a specification.

My invention is an improvement in attachments for shoe stitching machines, and has for its object to provide a device of the character specified, especially adapted for use in the Champion shoe stitches, for permitting the change to be made from the leather or knife needle plate to the rubber or lip needle plate, as may be required, without the detachment of screws or the like.

In the drawings:

Figure 1 is a perspective view of the attachment;

Fig. 2 is a perspective view of the attachment, looking from below;

Fig. 3 is a top plan view of the lip needle plate, the knife needle plate being shown in Fig. 1.

The attachment comprises a plate 1 having one end rounded and longitudinally notched or recessed, as shown at 2, to form a passageway for receiving the lip needle plate 3 or the knife needle plate 4, and it will be noticed that the side walls of this notch or recess are undercut, and that the needle plates have similarly shaped side edges to fit the wall to prevent upward movement of the plates.

The plate 1 is attached to the stitching machine 5 by rivets or screws 6, and a cross bar 7 is arranged transversely of the plate 1 beneath the same at the end remote from the notch or recess 2. To this cross bar 7 a spring plate 8 is secured at one end of the plate by means of a screw 9 or the like, and the said spring plate 8 is of a length to extend into the notch or recess 2.

This plate 8 has an upstanding pin 10 at its free end, and the said pin is adapted to

engage openings 11 in the lip and knife needle plates to hold the said plates in the notch or recess. The spring plate 8 may be depressed to release the pin from the openings 11 by means of a push button 12 which is secured to the plate and extends upwardly through an opening in the plate 1 and has a head at its upper end, as shown.

By providing the base plate with the cross bar 7, the said bar serves a thrice fold purpose, viz: to strengthen the base plate, to space the spring plate from the base plate, and as a stop to abut against the machine bed. By reason of the spring plate being spaced from the base plate, it can be readily passed under the machine bed when applying the device, and owing to the movement of the base plate being arrested by the said bar, the screw openings of the base plate will always register with the openings in the bed, thereby facilitating the attachment of the device.

I claim:

A sewing machine attachment, comprising a base plate adapted to be secured to the machine and having a slot leading out through one end thereof and an opening between the end wall of the slot and the end of the plate, said plate being provided on the under side of the end opposite that through which the slot extends with a transverse bar, a plate slidable in the slot of the base plate and provided with an opening adjacent its inner end, and a spring plate secured to the transverse bar and having its free end extending beyond the end wall of the slot and provided at said end with an upwardly projecting pin engaging the opening of the slidable plate and intermediate of its ends with a push pin projecting through the opening of the base plate.

EDWARD G. DAVIS.

Witnesses:

TYREE A. HARRISON,
E. J. SCOTT.