

E. P. PEACOCK.

Foot-Fastenings for Sewing-Machine Attachments.

No. 147,970.

Patented Feb. 24, 1874.

Fig. 1.

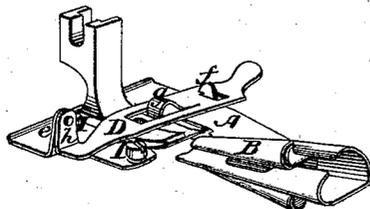


Fig. 2.

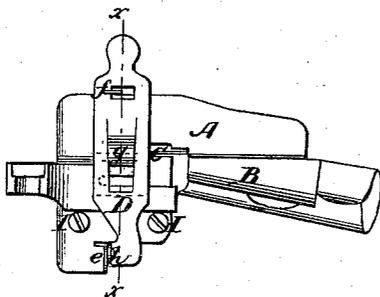
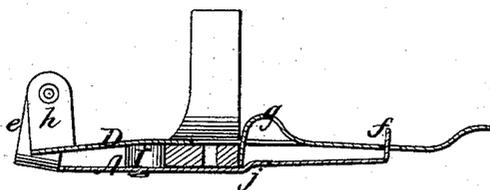


Fig. 3.



Witnesses.

C. H. Brown.
W. H. Ellsworth.

Inventor
E. P. Peacock.
by his Attys.
Hill & Ellsworth.

UNITED STATES PATENT OFFICE.

ELIJAH P. PEACOCK, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF HIS
RIGHT TO ARTHUR F. COMINGS, OF SAME PLACE.

IMPROVEMENT IN FOOT-FASTENINGS FOR SEWING-MACHINE ATTACHMENTS.

Specification forming part of Letters Patent No. **147,970**, dated February 24, 1874; application filed
January 21, 1874.

To all whom it may concern:

Be it known that I, ELIJAH P. PEACOCK, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Foot-Fastening for Sewing-Machine Attachments; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a perspective view of a trimming attachment secured to the presser-foot of a sewing-machine by my improved foot-fastening. Fig. 2 is a top-plan view of the same; and Fig. 3 is a longitudinal section taken in the plane of the line *x x*, Fig. 2.

Similar letters of reference in the accompanying drawings indicate the same parts.

My invention has for its object to provide for general use an improved means for securing or fastening attachments of various kinds to the presser-feet of sewing-machines. To this end the invention consists, first, in combining a pivoted locking-plate and fastening-catch with the base-plate of the attachment, so that the locking-plate shall fit down upon the presser-foot and hold the attachment firmly thereon. It also consists in the combination of the eccentric screws or rivets and locking-plate with the base-plate of the attachment, for the purpose of clamping the presser-foot laterally between them upon the base-plate. It also consists in the method of holding the locking-plate engaged with the holding-catch upon the base-plate.

In the accompanying drawings I have shown my improved fastening applied to a binding and trimming attachment; but it is equally applicable to attachments of other kinds, and so I design to use it.

A is the bottom or base plate of the trimmer or folder, carrying the scroll B and spring-guide C, in accordance with the patent granted to A. F. Comings, No. 130,021, dated July 30, 1872. D is the holding-plate, arranged transversely of the base-plate over the needle-hole therein, and pivoted at one end to a lug, *e*, formed upon or attached to the edge of the

base-plate. Its outer end is slotted to fit over a fastening-catch, *f*, formed upon or attached to the opposite edge of the base-plate, and its center is cut out for the passage of the needle and the formation of a lug, *g*, projecting downward toward the base-plate at the right of the needle-hole.

To apply the attachment to the presser-foot of a sewing-machine, the holding-plate is swung upward upon its pivot and the presser-foot placed longitudinally upon the base-plate in line with the scroll. The locking-plate is then swung down upon the foot, and its outer end slipped under the catch *f*, the latter passing through the slot in such holding-plate, as shown.

By this means the attachment is securely held upon the presser-foot without danger of casual displacement, and is prevented from rocking or turning upon the foot when the machine is in operation.

The inner end of the locking-plate is formed with a lateral arm, *h*, turned upward and pivoted at its upper end to the lug *e*. The plane of the arm and lug is parallel to the axis of the holding-plate, and transversely of the attachment. Some elasticity is, therefore, produced at the junction of these two parts, so that when the locking-plate is swung down upon the presser-foot, it shall spring laterally over the catch *f* and hook under the same. The front and rear edges of the base-plate are bent upward slightly, as shown, to bear against the heel and toe of the presser-foot, and prevent it from slipping on the plate longitudinally. I I are the adjusting screws or rivets, let into the base-plate upon the left of the presser-foot, and formed with eccentric heads to bear against the latter. By turning these screws, their heads are forced with greater or less pressure against the side of the presser-foot, for the purpose of holding and adjusting it laterally either against the lug *g* of the locking-plate, or a shoulder, *j*, formed in the base-plate parallel to the right side of the presser-foot.

By my invention, therefore, the attachment is securely fastened to the presser-foot of a

sewing-machine, and prevented from vertical, lateral, and longitudinal displacement thereon, as well as the rocking movement.

Having thus described my invention, what I claim is—

1. The combination of the pivoted locking-plate and the fastening-catch with the base-plate of the sewing-machine attachment, substantially as described, and for the purpose specified.

2. The eccentric-headed screws or rivets and the pivoted locking-plate combined with the base-plate of the attachment, substantially as described, for the purpose specified.

3. The upturned front and rear edges of the

base-plate at toe and heel of the presser-foot, in combination with the eccentric adjusting screws or rivets and the pivoted locking-plate for holding the attachment upon the presser-foot against vertical, lateral, longitudinal, and oscillatory displacement, substantially as described.

4. The locking-plate held engaged with the catch upon the base-plate by the lateral or torsional spring of the lug *e* and arm *h*, substantially as described.

ELIJAH P. PEACOCK.

Witnesses:

ARTHUR F. COMINGS,
JOHN M. GRIEST.