

H. C. GOODRICH.

Improvement in Presser Feet for Sewing Machines.

No. 123,393.

Patented Feb. 6, 1872.

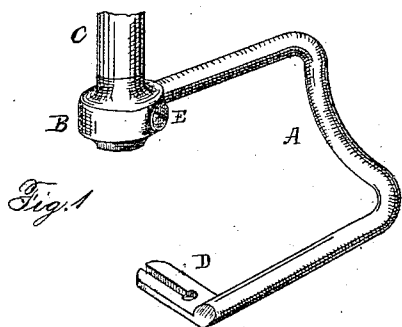


Fig. 1

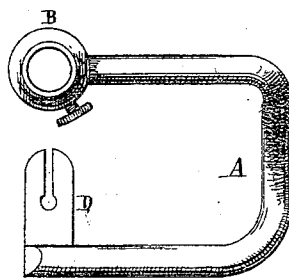


Fig. 2

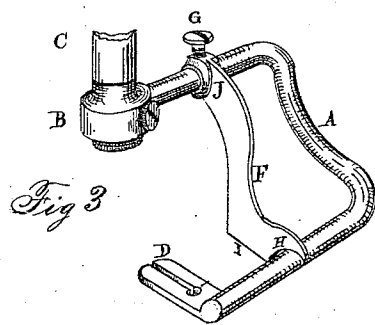


Fig. 3

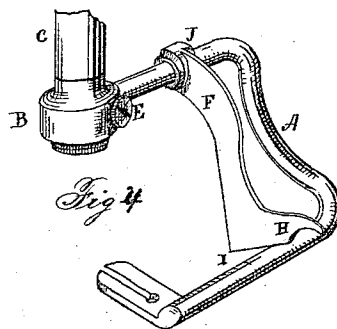


Fig. 4

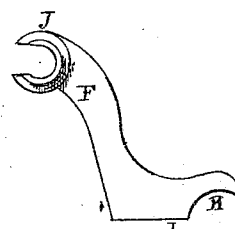


Fig. 5

Witnesses.
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Fig. 6



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HARRY C. GOODRICH, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN PRESSER-FEET FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 123,393, dated February 6, 1872.

SPECIFICATION.

I, HARRY C. GOODRICH, of the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new, useful, and Improved Presser-Foot for Sewing-Machines, of which the following is a full description, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective; Fig. 2, a top or plan view; Fig. 3, a perspective with movable gauge or guide attached; Fig. 4, a similar view with the gauge elevated to act as a quilting-guide; Fig. 5, a side view of the gauge or guide; and Fig. 6, a front view of the same.

The objects of my invention are to construct a presser-foot for sewing-machines with an open space around it so that the operator can see the working of the machine as each stitch is formed, and the character of the work as it progresses, and to provide the presser-foot with a gauge or guide; and it consists in attaching the foot to the bar by a curved or bent arm so arranged as not to obstruct the view of the operator, and in attaching to such arm a gauge or guide.

In the drawing my improvements are shown full size.

A represents a curved or bent arm, which takes the place of the shank of the ordinary presser-foot; B, collar, by which it is attached to any ordinary presser-foot bar, C; D, foot, provided with the usual opening or slot; E, set-screw for attaching or detaching the presser-foot; F, gauge or guide; J, collar, open at one side so that the guide can be attached or removed at pleasure; G, set-screw, by which it is secured to the arm A; H, opening at

lower end so that the lower edge I can pass down and rest upon the bed-plate and act as a gauge, as shown at Fig. 5. F can be used as a quilter as well as a gauge by placing it in the position shown in Fig. 6, so that the work can be passed beneath it. This device is made of any suitable material. The foot D has a needle-hole and a narrow opening extending therefrom in the direction in which the work moves, as represented in the drawing, so that threads and ravelings are not liable to be caught therein, as is the case when the ordinary presser-foot is used.

By the use of this foot needles are placed in position and threaded with greater ease, and the view of the operator not being obstructed by the shank of the presser-foot, each stitch can be seen as soon as formed and any imperfections at once observed.

The arm A may be bent or curved in the direction opposite to that shown, if desired; or another arm, similar to A, might be placed on the opposite side of the collar B and foot D.

What I claim as new is—

1. The curved arm A, having a socket, B, and a rigid foot, D, provided with a needle-hole and slot open at the end toward the needle, all constructed substantially as described and shown.

2. In combination with the above, the gauge or guide F, substantially as and for the purposes specified.

HARRY C. GOODRICH.

Witnesses:

E. A. WEST,
O. W. BOND.