

(No Model.)

F. W. MÜLLER.

PRESSER FOOT FOR SEWING MACHINES.

No. 346,601.

Patented Aug. 3, 1886.

Fig. 1.

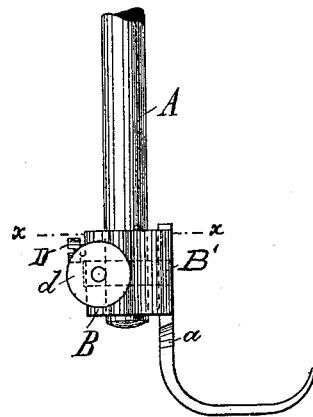


Fig. 2.

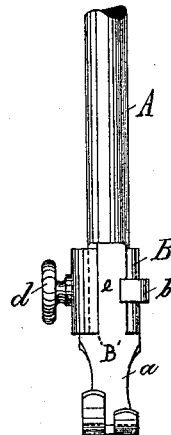


Fig. 3.

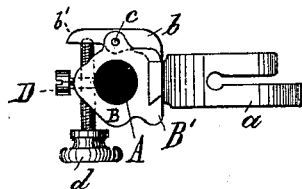
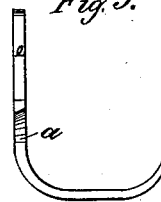


Fig. 4.



Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRIEDRICH WILHELM MÜLLER, OF BERLIN, GERMANY.

PRESSER-FOOT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 346,601, dated August 3, 1888.

Application filed January 20, 1886. Serial No. 189,153. (No model.)

To all whom it may concern:

Be it known that I, FRIEDRICH WILHELM MÜLLER, a subject of the King of Prussia, residing at Berlin, in the Kingdom of Prussia, German Empire, have invented new and useful Improvements in Sewing-Machines, of which the following is a specification.

This invention relates to a new manner of fastening the presser-foot of a sewing-machine to the head of the presser-bar, so that the presser-foot may be rapidly and easily removed or replaced.

The invention consists in the elements of construction hereinafter more fully pointed out.

In the accompanying drawings, Figure 1 is a side elevation of a presser-foot and presser-foot bar embodying my invention. Fig. 2 is a front view of the same. Fig. 3 is a cross-section on line *x x*, Fig. 1. Fig. 4 is a face view, and Fig. 5 a side view, of the presser-foot.

The letter *a* represents a presser-foot having the usual hook-shaped form, and provided with a notched shank, *e*. The presser-bar *A* is surrounded near its lower end by a clasp or head, *B*, having one fixed jaw, *B'*.

b is the movable jaw of head *B*, pivoted thereto by pivot *c*. The jaw *b* has a rearward extension, *b'*, against which the end of a set-

screw, *d*, is made to bear. This screw is fitted into a corresponding opening in head *B*.

D is a set-screw for attaching head *B* to bar *A*.

To introduce the presser-foot into the head, the jaw *b* is first opened, and then the shank *e* is slipped between the jaws. Next the set-screw *d* is turned up, so that the jaw *b* enters and bears against the notched part of the shank. To remove the presser-foot, the screw *d* is turned back, and then the presser-foot falls out of the head.

I claim as my invention—

1. The combination of bar *A* and head *B*, having fixed jaw *B'*, with pivoted jaw *b*, having rearward extension *b'*, and with the set-screws *d* *D*, substantially as specified.

2. The combination of bar *A* and head *B*, having a fixed and a movable jaw, with presser-foot *a*, having notched shank *e*, substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRIEDRICH WILHELM MÜLLER.

Witnesses:

O. WICHMANN,
B. ROJ.