

G. FRYE.
SEWING MACHINE GUARD.
APPLICATION FILED MAR. 4, 1911.

991,496.

Patented May 9, 1911.

Fig. 1.

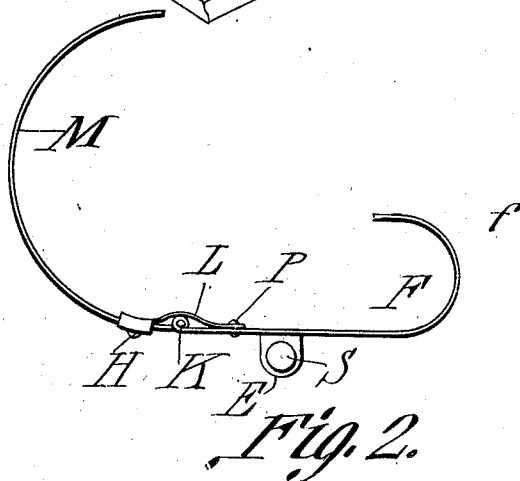
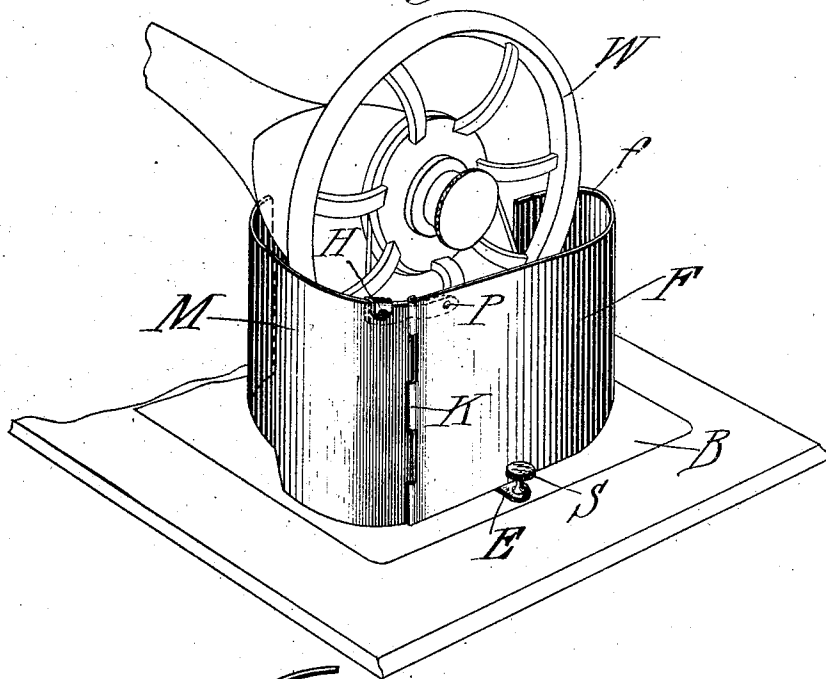


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

GERTRUDE FRYE, OF EUREKA, KANSAS.

SEWING-MACHINE GUARD.

991,496.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed March 4, 1911. Serial No. 612,423.

To all whom it may concern:

Be it known that I, GERTRUDE FRYE, a citizen of the United States, residing at Eureka, in the county of Greenwood and State of Kansas, have invented a new and useful Sewing-Machine Guard, of which the following is a specification.

This is an invention in the miscellaneous parts of sewing machines, and more particularly it is a guard intended to surround the driving wheel and bobbin-winding mechanism so that the material being sewed may be protected from oil and dirt and the operator's garments and fingers may not become entangled with the machinery.

It consists in the details of construction hereinafter more fully described and claimed, and as shown in the drawings wherein—

Figure 1 is a perspective view of this improved guard in place. Fig. 2 is a plan view of the same removed from position on the sewing machine.

In the drawings the letter W designates the wheel of a machine, herein a sewing machine of that type which usually has a bobbin-winding mechanism mounted upon its base B beneath and in proximity to the wheel W and which the operator desires at times to employ for winding the bobbin for her machine.

My present invention is a guard comprising a fixed member F and a movable member M, both made of sheet metal standing upright on edge as best seen in Fig. 2, and the body of the fixed member F being flat and its rear end curved around behind the fly wheel W as shown at *f* and the body of the movable member M bent in a semicircle around the front end of said fly wheel and around the bobbin mechanism not shown in the drawings. These two members have intermeshing knuckles K pivotally connected in the form of a hinge as will be clear, and the fixed member has projecting from its lower edge a ridged ear E which passes over the base B of the machine and through which a set screw S is adapted to be passed to fasten this member fixedly upon the base in position around the wheel. Pivoted at

P to the upper edge of the fixed member near its hinge is a latch L whose body is bent a little as best seen in Fig. 2 so as to pass around the hinge K and whose free forward end carries a hook H adapted to be dropped over the upper edge of the movable member M when the latter is in its normal position as shown in Fig. 1.

It will be obvious that when the operator desires to gain access to the bobbin-winding mechanism, she has but to raise the latch by putting her thumb beneath the hook H, then swing the movable member M aside and the bobbin-winding mechanism will be exposed. After winding the bobbin, she will return the movable member to the position shown in Fig. 1 and reengage the hook H over its edge to hold all parts in position. The use of the ear and set screw enables this device to be mounted upon the base of almost any ordinary sewing machine now on the market. The parts are of the desired sizes, proportions, shapes and finish.

What is claimed as new is:—

The herein described guard for the wheel and bobbin-winding mechanism of a sewing machine, the same comprising two upright members of metal, one of them having a flat body extending alongside the fly wheel and curved around the rear edge of the same, and the other member having a curved body extending around the front edge of the fly wheel, interlocking knuckles at the meeting edges of said members forming a hinge between them, an ear projecting from the lower edge of the first-mentioned member, a set screw passing through this ear into the base of the sewing machine, a latch pivoted to the upper edge of this member and adapted to swing inside the other member when the latter is in position, and a hook upon said latch.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GERTRUDE FRYE.

Witnesses:

ABNER HOWARD,
I. C. PAUGH.