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A. M. MALOUF ET AL
ATTACHMENT FOR SEWING MACHINES

Filed April 16, 1921

Fig. 1.

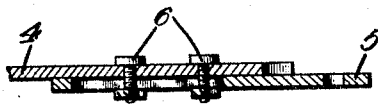
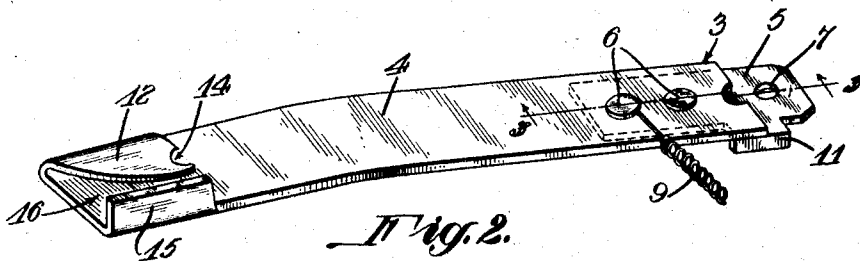
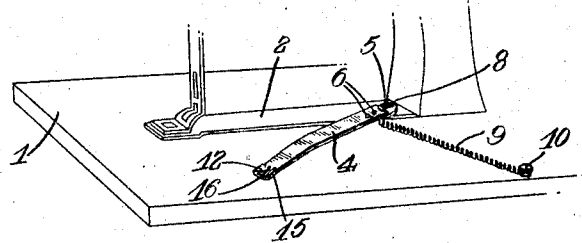


Fig. 3.

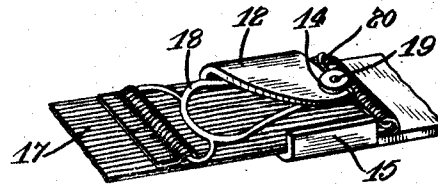


Fig. 4.

Fig. 5.

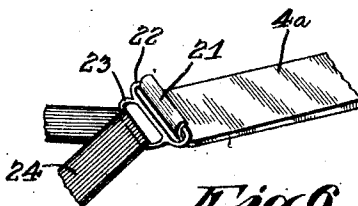
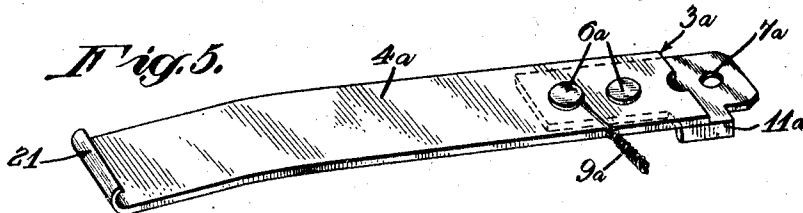


Fig. 6.

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UNITED STATES PATENT OFFICE.

ABRAHAM M. MALOUF AND FRED M. MALOUF, OF BROOKLYN, NEW YORK.

ATTACHMENT FOR SEWING MACHINES.

Application filed April 16, 1921. Serial No. 462,073.

To all whom it may concern:

Be it known that we, ABRAHAM M. MALOUF and FRED M. MALOUF, citizens of the United States, residing at Brooklyn, in the county of Kings, State of New York, have invented a new and useful Attachment for Sewing Machines, of which the following is a specification.

This invention aims to provide novel means for protecting an operator against injury by the needle or the presser foot of a sewing machine, during the sewing of garters and the like.

In the drawings, Figure 1 is a perspective showing the device attached to a sewing machine; Figure 2 is a perspective showing the device per se; Figure 3 is a section on the line 3—3 of Figure 2; Figure 4 is a perspective showing a portion of the device with the garter therein, ready to be sewed; Figure 5 is a perspective disclosing a modification; Figure 6 is a perspective showing a garter assembled with the device depicted in Figure 5.

The numeral 1 marks the table of a sewing machine, a part of the frame of the machine appearing at 2. An arm 3 is provided and includes a main member 4 and an auxiliary member 5, connected by securing devices 6 to permit the length of the arm to be adjusted so that the device may cooperate properly with the needle bar and the presser foot of a sewing machine. The member 5 of the arm has an opening 7 adapted to receive a pivot element 8 which connects the arm 3 to the frame 2 for horizontal swinging movement. A spring 9 is connected to the arm 3 by means of one of the securing devices 6 and is anchored to the table 1, as shown at 10. The spring 9 tends to swing the arm 3 away from the needle bar and the presser foot of the sewing machine. The member 5 of the arm 3 has a depending stop 11, which, cooperating with the frame 2 of the sewing machine, limits the inward swinging movement of the arm and positions the device properly with respect to the needle bar of the machine. At its free end, the main member 4 of the arm 3 is provided with an overhanging wing 12 having a seat 14 in its inner edge. The member 4 has an upstanding flange 15 disposed opposite to the wing 12 and cooperating therewith to define a slot 16.

The numeral 17 denotes a garter strap carrying a keeper 18 adapted to receive the

stud 19 of a rider 20 on the strap. When the strap 17 is to be sewed, the looped portion of the strap is passed beneath the wing 12, through the slot 16 and is held against transverse movement by the flange 15, the stud 19 being engaged in the seat 14. By means of the strap 17, the arm 3 may be swung so that the portion of the strap which is to be sewed is disposed properly with respect to the needle bar, swinging movement of the arm being limited by the engagement between the stop 11 on the member 5 of the arm and the frame 2 of the machine. When the occasion for the use of the device has passed, the spring 9 swings the arm 3 outwardly into an inoperative position. The device, obviously, renders it unnecessary for the operator to place the hand near the needle bar or the presser foot, during the sewing operation, and all danger of injury by the operation of the parts specified will be avoided.

In Figure 5, parts hereinbefore described are designated by numerals previously used, with the suffix "a". The modification consists in replacing the work holder 12—15 of Figure 2 with a work holder 21 in the form of an upstanding hook, adapted to be engaged in the eye 22 of a garter loop 23 wherewith the strap 24 of the garter to be sewed is engaged. The wing 12 and its seat 14 form, in effect, likewise, a hook, disposed transversely of the arm 3, and adapted to engage the stud 19 of the article to be sewed. Having thus described the invention, what is claimed is:—

1. A sewing machine attachment comprising an arm provided with a work holder means for mounting the arm for swinging movement toward and away from the working parts of a sewing machine and the workholder embodying a wing overhanging the arm and extending transversely thereof, the wing being provided in its inner transverse edge with a seat.

2. A sewing machine attachment embodying an arm provided with a work-holder, the work-holder comprising a transverse wing overhanging the arm, and a flange upstanding from the arm and cooperating with the wing to define an entering slot for the work to be sewed; and means for mounting the arm for swinging movement toward and away from the working parts of a sewing machine.

3. The combination with the frame of a

sewing machine, of an arm free for swinging movement by an operator, the arm comprising a main member and an auxiliary member alined with the main member, a
5 securing device connecting the inner ends of the main and auxiliary members to permit an adjustment in the length of the arm, a work-holder carried by the outer end of the main member, a pivot element connecting
10 the outer end of the auxiliary member with the frame to permit the arm to swing on the frame inwardly and outwardly, thereby to carry the work-holder into and out of operative relation to the needle of

the sewing machine, one of said parts of the arm being supplied with a depending flange which, cooperating with the frame, limits the inward swinging movement of the arm, and means for swinging the arm outwardly, said means comprising a spring, and means
20 for anchoring one end of the spring, the other end of the spring being carried by the securing device.

In testimony that we claim the foregoing as our own, we have hereto affixed our signatures. 25

ABRAHAM M. MALOUF.
FRED M. MALOUF.