

E. KOLLER.  
SHADE FOR SEWING MACHINES.  
APPLICATION FILED JAN. 27, 1913.

1,074,273.

Patented Sept. 30, 1913.

Fig. 1

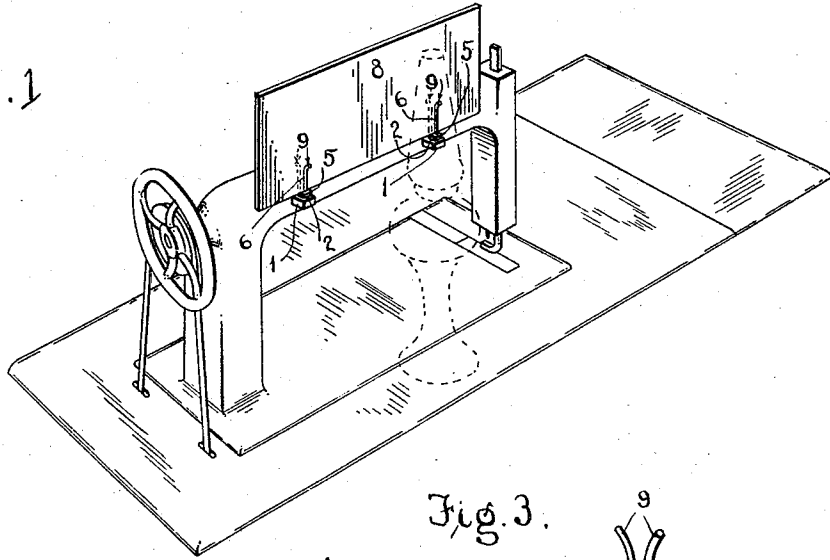


Fig. 3.

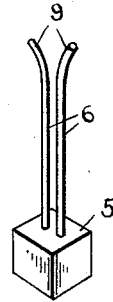


Fig. 2.

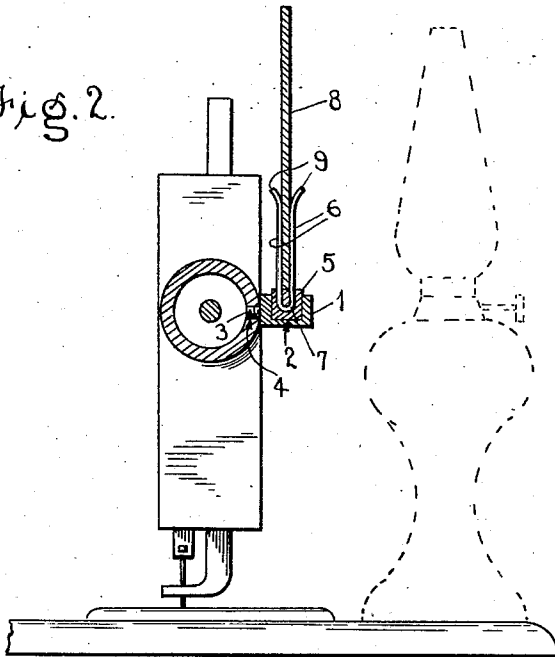
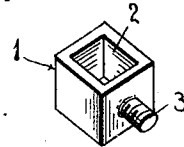


Fig. 4.



Inventor

Elizabeth Koller

Witnesses

L. B. James  
C. E. Hunt

By *A. B. Wilson & Co.*  
Attorneys

# UNITED STATES PATENT OFFICE.

ELIZABETH KOLLER, OF NEAR BLOOMVILLE, OHIO.

SHADE FOR SEWING-MACHINES.

1,074,273.

Specification of Letters Patent.

Patented Sept. 30, 1913.

Application filed January 27, 1913. Serial No. 744,491.

*To all whom it may concern:*

Be it known that I, ELIZABETH KOLLER, a citizen of the United States, residing near Bloomville, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Shades for Sewing-Machines; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in shades for sewing machines and the like.

One object of the invention is to provide a shade of this character whereby the light from a lamp located on or near the sewing or other machine will be shaded and prevented from shining directly into the eyes of the operator.

Another object is to provide means for detachably supporting the shade in proper position on the machine.

With these and other objects in view the invention consists of certain novel features of construction and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings; Figure 1 is a perspective view of the stand of the upper portion of a sewing machine illustrating the application of my invention; Fig. 2 is a central vertical section through the arm of the machine and through the shade and one of the supporting devices thereof; Fig. 3 is a detail perspective view of one of the shade holding devices of the invention; Fig. 4 is a similar view of one of the supporting brackets for the shade holding devices.

In the embodiment of the invention I provide two or more supporting brackets each of which comprises a block 1 having in its upper side a rectangular socket or recess 2 which opens through the upper side of the block and has its lower end closed as shown. On one side of the block 1 is formed a threaded stud 3 which is adapted to be screwed into a threaded aperture 4 formed in one side of the arm of the machine or in some other suitable part thereof.

Supported by the brackets are shade holding devices each of which comprises a rectangular block or base portion 5 which corresponds in size and shape to the sockets or recesses in the blocks 1 of the brackets and with which the blocks 5 are engaged. In

the blocks 5 are secured the looped lower ends of shade holding fingers 6 which are preferably formed from single rods or wire bent midway between their ends to form loops 7 which are preferably cast into the blocks 5 as shown. The upwardly extending ends or fingers of the holding devices are disposed in parallel relation and spaced a suitable distance apart to receive between themselves the shade 8 which may be of any suitable construction and is preferably in the form of a card of paste-board or similar material. The upper ends or extremities of the fingers 6 of the shade holders are preferably turned outwardly as shown at 9 to form a flared upper end for the space between the fingers 6 thereby facilitating the engagement of the shade or card 8 between the fingers as will be readily understood.

In applying my improved shade holders and shade to a sewing machine the holes 4 are drilled in the rear side of the arm of the machine and are preferably threaded to receive the studs 3 of the supporting brackets whereby said brackets are held in position on the arm to support the holding devices of the shade which are readily engaged with the sockets 2 in the brackets and are thereby held in position to support the shade 8 which, when engaged with the fingers 6 of the holders is supported in rear of and projects above the arm of the machine a sufficient distance to shade the eyes from the direct light of a lamp placed on the rear portion of the stand of the machine as indicated in dotted lines in Figs. 1 and 2 of the drawings. By constructing the brackets as herein shown and described it will be seen that the shade holders may be readily removed from and engaged therewith. However it is obvious that after the yielding gripping fingers have been properly adjusted in position upon the shade 8 said fingers and blocks forming the bases thereof practically form a permanent part of said shade, whereby the latter may be readily removed from the sockets secured to the arm of the machine and replaced without further adjustment of the parts. It is to be understood however in this connection that should it be necessary to adjust the shade vertically after the same has been properly placed in position upon the machine the same can be accomplished with very little inconvenience on the part of the operator without removing however, the relative position of the fingers

in respect to the shade. It will also be seen that the shade 8 may be readily engaged with and removed from the fingers of the holders when desired.

- 5 From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.
- 10 Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.
- 15 Having thus described my invention, what I claim is;  
The combination with the arm of a sewing machine, of spaced projecting brackets se-

cured to one side of said arm and provided with rectangular shaped sockets, a pair of 20  
spring clips adjustably mounted along the length of a rigid shade, said clips being provided with blocks adapted to be removably 25  
received by the sockets when properly spaced upon the shade, said blocks projecting beyond the lower edge of the said shade whereby the same can be readily inserted within the sockets formed in the brackets.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses. 30

ELIZABETH KOLLER.

Witnesses:

CARRIE SWIGERT,  
E. C. SNYDER.

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