

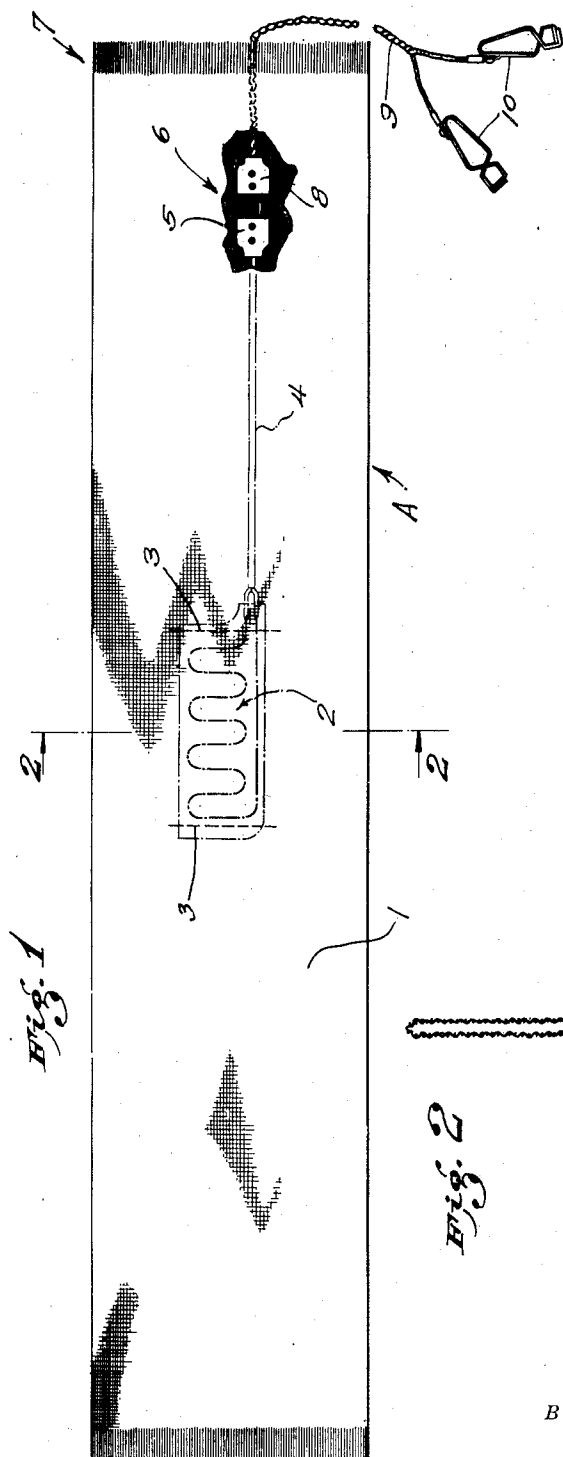
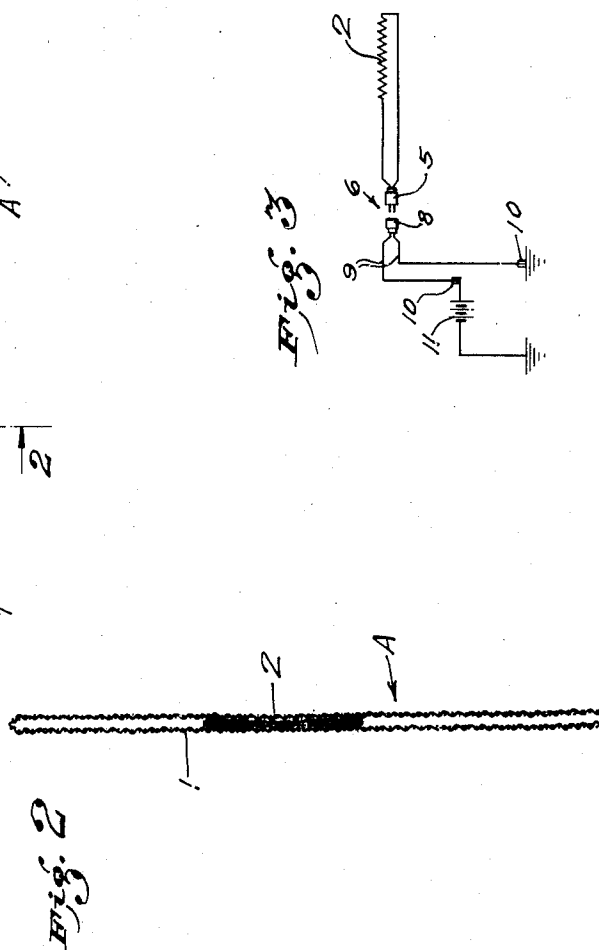
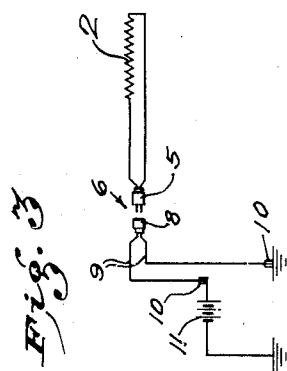
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MUFFLER OR SCARF

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MUFFLER OR SCARF

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5 Claims. (Cl. 219—46)

This invention relates to mufflers or scarfs and particularly to a muffler or scarf that may be used by autoists, to more effectively contribute to the comfort of autoists while driving and to also serve as a "dressy" article of wearing apparel when worn on the street.

An object of my invention is to provide a novel muffler whereby auxiliary heat may be applied to the back of the neck of a person while wearing the same.

Another object is to provide a novel muffler a heating element associated therewith whereby different temperatures of heat may be obtained by wearer without changing the capacity or operation of the heating elements.

Another object is to provide a novel muffler with an electric heating element that will be so concealed as to be substantially unnoticeable by observers, either while the muffler is being worn or when not in use.

Another object is to provide a novel scarf with a heating element which will aid in supporting the scarf in close contact with the neck of the wearer while being worn, and thereby insure application of heat from said element to the neck.

Another object is to provide a novel muffler that will not be likely to ruffle at the neck of the wearer or draw away therefrom, and particularly while in use by a wearer driving an automobile.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detail description and the appended claims.

The accompanying drawing illustrates the invention in a form I at present deem preferable.

Figure 1 is a front or back view of a muffler or scarf constructed in accordance with my invention. Dot and dash lines indicate more or less diagrammatically the relation of an electric heating element to the muffler a portion of which is broken away to disclose the connection plug for the source of electric energy. The plug is shown in close detached position for purposes of clearness.

Fig. 2 is a transverse sectional view on enlarged scale, taken on line 2—2, Fig. 1.

Fig. 3 is a more or less diagrammatic view of the wiring diagram of the electric heater appliance.

My invention comprises a scarf or muffler A, the body 1 of which may be of any suitable flexible material having any desirable design thereon and being of elongate rectangular outline, and such body 1 is preferably tubular in cross section.

An electric heating element 2 of a capacity for use with the usual storage battery of an automobile such as the present 6-8 or 12-16 volt batteries, is positioned within the folds of the muffler body 1 at about the mid point thereof both as to length and width of said body, and is secured to the muffler body 1 at such point by any suitable means as by the stitching 3.

Lead wires 4 extend from the heating element 2 and are connected to one part 5 of a bayonet plug 6 and such wires 4 are of such length that the same and part 5 connected thereto do not extend beyond the folds of the muffler, but terminate within the folds thereof adjacent one end 7 of the muffler. The associated part 8 of plug 6 has connecting wires 9 leading therefrom and are preferably respectively fitted with clamp means 10 for quick and easy engagement with the electrical circuit from the battery 11 in automobiles.

In installation one of the wires 9 is connected by any suitable means as its associated clamp 10 to the hot side of the ammeter characteristic to automobile circuits and the other wire 9 is connected in any suitable manner as by its associated clamp 10 to the most convenient connection in the driver's compartment of an automobile for the ground connection of the circuit to the heater. This connects the wires 9 into the battery circuit and preferably the part 8 of bayonet plug 6 is the female part so that when the plug 6 is separated there will not be any projecting parts from the plug part 8 that are likely to cause a short in the circuit.

When in use the muffler A is placed about the wearer's neck in the usual manner and in such position the heating element 2 will be placed adjacent the back of the wearer's neck and such heating element having more or less of a stiffening effect on the flexible material from which the muffler is made will maintain the muffler in close contact with the neck of the wearer and prevent ruffling of the muffler at the neck of the wearer and tends to prevent the muffler from being drawn away from contact with the neck of the wearer and thereby insures the application of the heat from the heating element to the neck. In order to operate the heating element the wearer need only connect the plug 6 by engaging the respective parts 5 and 8 thereof and when it is desired to disconnect the application of heat or operation of the heating element the plug 6 may be operated.

If the wearer desires to obtain different temperatures of heat from the heating element the maximum heat therefrom may be obtained by

folding one side of the muffler over the heating element and away from the wearer so that the heating element will be placed in close proximity to the neck of the wearer. A different temperature applied to the neck of the wearer may be obtained by folding one longitudinal edge of the muffler over the heating element and toward the neck of the wearer and applying the muffler so that such folded-over edge of the muffler is next to the wearer's neck. A different temperature from the heating element as applied to the neck of the wearer may be obtained by folding both longitudinal edges of the muffler over the heating element and toward the neck of the wearer and then applying the muffler so that both folded-over edges of the muffler are between the heating element and the wearer.

From the foregoing it will be seen that when the plug 6 is operated the heating element 2, wires 4 and plug part 5 will be encased within the folds of the muffler body 1 so as to be entirely concealed from view, and the muffler may then be used for street wear in a convenient manner and without intimation to others that the muffler is equipped with a heating element.

It will be apparent to those skilled in the art that instead of having the muffler truly tubular so as to conceal the heating element 2 and its associated parts, that the muffler may be made of a substantially elongated rectangular piece and the heating element connected to one side thereof near the mid point, both as to length and width, and by tacking the lead wires to the muffler body that the heating element and its connections will be concealed from view when the muffler is folded along its longitudinal mid line as is customary in the wearing of mufflers.

By the use of my novel muffler it has been found that the device will greatly contribute to the comfort of a wearer in driving an automobile and when in use the heat supplied to the muscular tissues at the back of the neck aids the body in maintaining normal muscular tone and aids in maintaining the muscles of the neck in a state of relaxation.

This condition tends to minimize the usual strain of driving and increasing mental activity and increasing circulation at the point of application, thereby in tending to inhibit headaches and drowsiness that is oftentimes brought on or occasioned by driving an automobile for a long time.

I claim:

1. A muffler comprising a flexible body for use as a muffler about the neck of the wearer, a heating element associated with said body only at substantially the medial point thereof, said body being wider than said heating element to such an extent, and said element being so positioned relative to said body, that one longitudinal edge of said body adjacent said heating element may be folded substantially entirely over said heating element.

2. A muffler comprising a body of flexible material for use as a muffler about the neck of the wearer; a heating element associated with said body only at the longitudinal medial plane thereof, said element being narrower than said body to such an extent, and being so positioned relative to said body that both longitudinal edges of said body adjacent said heating element may be folded substantially entirely over said heating element.

3. A muffler comprising a body of flexible material adapted to fold transversely upon itself to form a muffler; an electric heating element connected to one side of said flexible material and adapted to be concealed thereby when said body is folded upon itself; and an electrical connection extending from said element and terminating adjacent one end of and within said muffler body.

4. A muffler comprising a tubular body of flexible material; an electric heating element within said body and concealed thereby, lead wires extending from said element; and a plug connection on said wires; said wires and plug terminating within said body adjacent one end thereof so as to be concealed thereby.

5. A muffler comprising an elongated rectangular body of flexible material, tubular in cross-section; an electric heating element positioned within said body at about the midpoint thereof, both as to length and width of said body and being concealed thereby; lead wires extending from said element; and a plug connection on said wires, said wires and plug terminating within said body so as to be entirely concealed from view; said body and said heating element being so related to each other that one longitudinal edge of said body may be folded substantially entirely over said heating element.

EARL DAY MORGAN.