No. 774,703. PATENTED NOV. 8, 1904.

J. C. SCOTT.

NECK MUFFLER.

APPLICATION FILED JUNE 17, 1904.

NO MODEL. 2 SHEETS—SHEET 1.

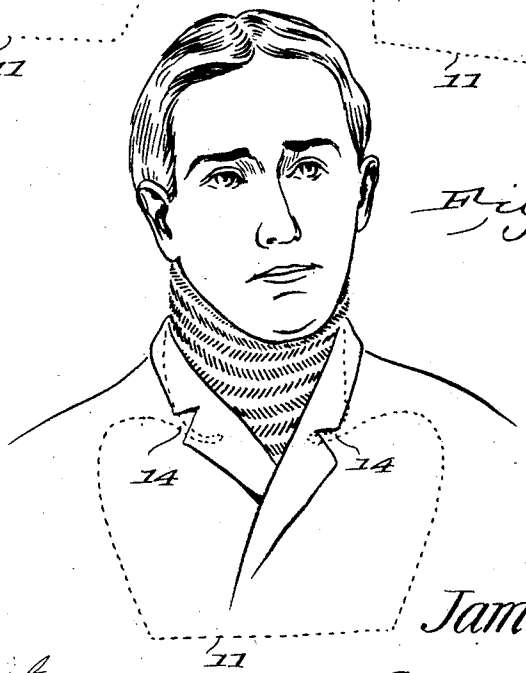
Fig. 1.




Fig. 2.




Fig. 3.




Witnesses
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NO MODEL. 2 SHEETS—SHEET 2.

Fig. 4.

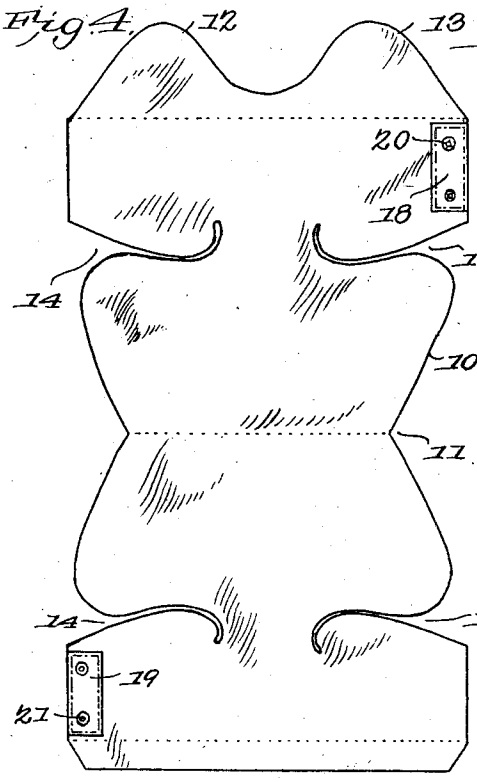



Fig. 5.

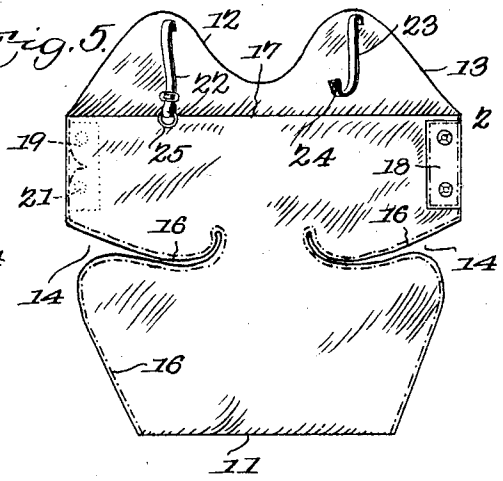



Fig. 6.

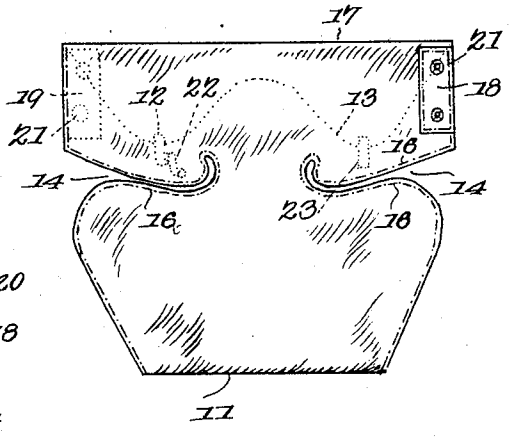
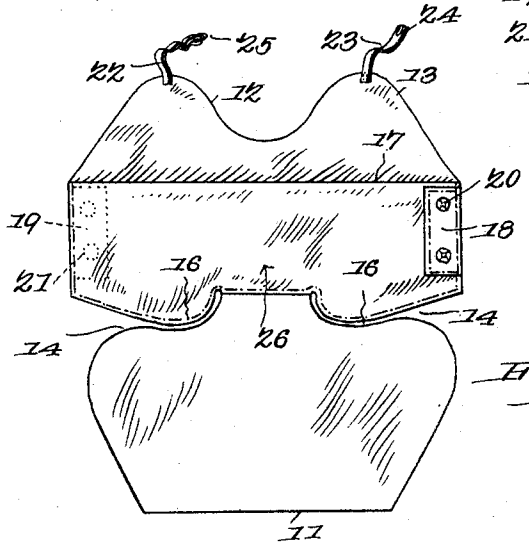



Fig. 7.




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# UNITED STATES PATENT OFFICE.

JAMES C. SCOTT, OF PORTSMOUTH, OHIO, ASSIGNOR TO THE SCOTT MUFFLER COMPANY, OF PORTSMOUTH, OHIO.

## NECK-MUFFLER.

SPECIFICATION forming part of Letters Patent No. 774,703, dated November 8, 1904.

Application filed June 17, 1904. Serial No. 212,985. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES C. SCOTT, a citizen of the United States, residing at Portsmouth, in the county of Scioto and State of Ohio, have invented a new and useful Neck-Muffler, of which the following is a specification.

This invention relates to mufflers for protecting the neck, chest, or back, or the ears and face, and has for its object to improve the construction and increase the efficiency and scope and produce a device of this character which may be quickly put on or taken off and adjusted to protect the neck and throat and chest or back only, or extended to protect the ears and face also, as required, and which will also adapt itself to the neck and shoulders and effectually prevent the entrance of cold drafts or moisture.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages, and the right is therefore reserved of making all the changes and modifications which fairly fall within the scope of the invention and the claims made therefor.

In the drawings thus employed, Figure 1 is a view of the device applied as a protector for the chest, throat, neck, face, and ears. Fig. 2 is a similar view with the device applied as a chest, neck, and ear protector; and Fig. 3 is a similar view of the device applied as a chest and neck protector. Fig. 4 is a diagrammatic view of the sheet from which the muffler is constructed. Fig. 5 is a view of the muffler folded ready for use as a chest, neck, ear, and face protector. Fig. 6 is a view of the same folded for use as a neck and chest protector only. Fig. 7 is a view similar to Fig. 5, illustrating a modification in the construction.

The improved article is preferably formed from knitted woolen fabric, but may be of cloth or other fabric, as preferred.

The article is formed first into a substantially rectangular sheet 10, slightly narrowed centrally, as at 11, with one end provided with spaced flaps 12 13, which later become the ear-muffs. Near each end the sheet 10 is provided with curved slits 14, which register when the sheet is folded along the line 11, and then when the two parts are sewed or otherwise connected along the lines 16 a pocket 17 is formed between the slits 14 and the ear-flaps 12 13, into which the latter may be folded when not required, as shown in Fig. 6. By this arrangement the double-thick portion between the slits 14 and the folding-point 11 becomes a chest or back protector according as to which way the device is positioned, and the double-thick portion between the slits 14 and the ear-muff portions 12 13 becomes a neck, throat, and face protector, as required. Facings 18 19 are attached to the ends of the neck-inclosing portion to strengthen and sustain the material, and these facings are provided with snap catches or fasteners 20 21 to connect the device around the neck of the wearer. The ear-muff portions 12 13 are provided with straps 22 23, preferably of elastic material, and terminating, respectively, in a hook 24 and ring 25 for fastening over the head.

The curved slits 14 serve an important purpose, as they permit the chest-covering portion to closely wrap about the person at the curve of the neck and shoulders and enable the muffler to closely enwrap the person and effectually exclude cold-air drafts and moisture and prevent the formation of wrinkles or creases in the material. The curving form of the slits is also an important feature, as the neck-enwrapping portion of the article is thus caused to conform more closely to the form of the wearer and fit more snugly. The slits between the chest and neck protecting

portions of the device are so arranged that the collar or lapels of the coat or vest may enter the slits, and thus hold the chest-protecting portion in proper position and at the same time prevent the neck-protecting portion from moving upward to expose the neck.

The device is very simple in construction, can be constructed in any required size and of any required material, and will be found very useful and convenient for persons riding or walking in stormy or inclement weather and will effectually protect them from the same.

In Fig. 7 a slight modification in the construction is shown, which may be employed under some circumstances, if required. This consists in forming the extra or double thickness of the neck-enwrapping portion from a separate piece, as at 26, and attaching it as by sewing; but this would not be a departure from the principle of the invention, as the same results would be accomplished in substantially the same manner.

The article being of knitted material is flexible and yieldable and will readily adapt itself to the person and closely engage the face, neck, and ears, as in Fig. 1. Then if the face-covering portion is not required the flexibility of the material will permit the central section to be drawn down beneath the chin, as in Fig. 2, without disturbing the ear-muff portions.

Having thus described the invention, what is claimed is—

1. A muffler having a neck-protecting portion and provided with a pendent flap partly separated from the neck portion by slits, the slits serving to receive the collar portion of one of the garments of the wearer.

2. A muffler including a neck and body protecting portion partly separated by oppositely-directed slits extending inward from the sides of the muffler and serving to receive the collar portion of one of the garments of the wearer.

3. A muffler comprising a neck-encircling portion and a pendent flap, the two being partly separated by inward-extending slits arranged on curved lines and adapted to receive the collar portion of one of the garments of the wearer.

4. In an extensible muffler, a sheet of material folded to form a neck and body protecting portion of two thicknesses, said neck and body protecting portions being partly separated by inward-extending slits, ear-muffs extending from one end of the sheet and foldable between the two thicknesses of material forming the neck portion, holding-straps secured to the ear-muffs, and means for securing the opposite ends of the neck portion together.

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

JAMES C. SCOTT.

Witnesses:
WILLIAM D. HOSZ,
H. W. HEER.