No. 783,867. PATENTED FEB. 28, 1905.

G. HYMAN.

MUFFLER.

APPLICATION FILED DEC. 12, 1904.

Fig. 1.

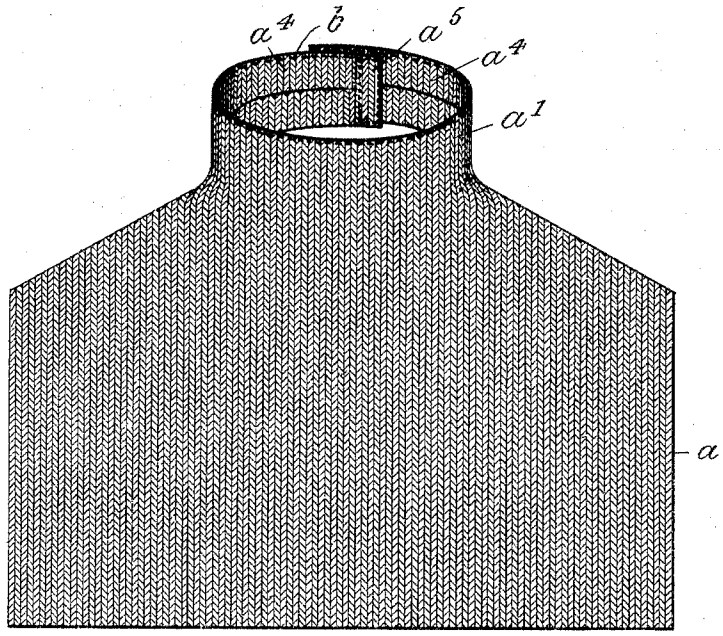


Fig. 2.

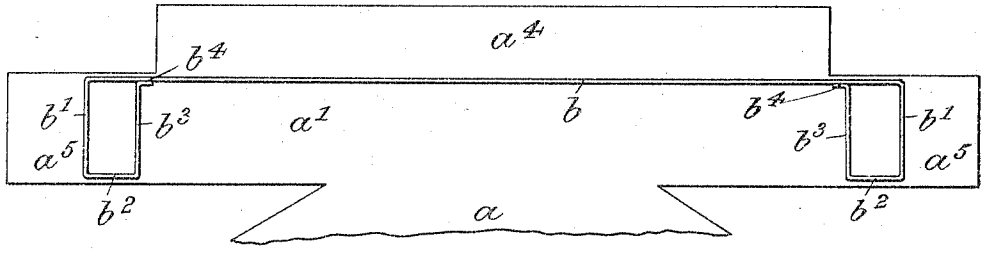
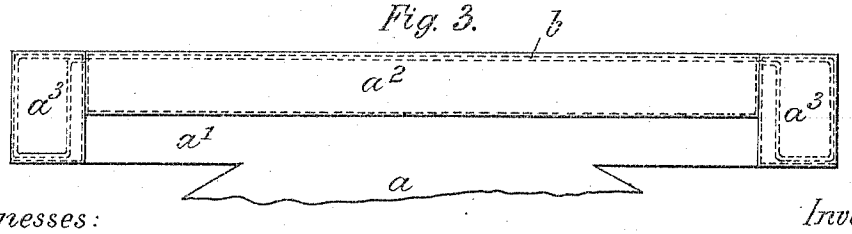


Fig. 3.



Witnesses:

Archm Junge.

William Schulz.

Inventor:

Gustave Hyman,

by Frank V. Briesen Atty.

No. 783,867. Patented February 28, 1905.

UNITED STATES PATENT OFFICE.

GUSTAVE HYMAN, OF NEW YORK, N. Y.

MUFFLER.

SPECIFICATION forming part of Letters Patent No. 783,867, dated February 28, 1905.

Application filed December 12, 1904. Serial No. 236,461.

To all whom it may concern:

Be it known that I, GUSTAVE HYMAN, a citizen of the United States, residing at New York city, Manhattan, county and State of New York, have invented new and useful Improvements in Mufflers, of which the following is a specification.

This invention relates to a muffler composed of a neckband and a partly-detached pad and which is so constructed that while the neckband may be readily secured around the neck of the wearer without buttons or other fasteners the pad will remain seated flat upon the chest.

In the accompanying drawings, Figure 1 is a perspective view of a muffler embodying my invention. Fig. 2 is a detail showing the spring-inclosing flaps before being folded, and Fig. 3 a similar view showing the flaps folded to form the spring-inclosing pockets.

The body of the muffler is composed of a lower pad a and an upper integral neckband a', which are connected to one another at the center, but are disconnected at the right and left sides. In this way the neckband may be freely folded around the neck of the wearer without taking the pad along, the latter remaining seated flat upon the chest. In order to permit the muffler to be quickly and securely applied, I secure to the upper edge of the neckband a' a wire or band spring b, which extends from end to end of the neckband. At such ends the spring b is first turned downward, as at b', then inward horizontally, as at b^2, and finally upward, as at b^3, to become united to the main body of the spring at b^4. The upright end sections b' will thus reinforce the ends of the neckband, while the lower horizontal sections b^2 will bind and stiffen the lower edges of the right and left neckband-flaps, which are detached from the pad a. In this way the neckband is so reinforced along all of its edges that it will lie tightly against the neck, while the throwing of objectionable folds is prevented.

The bent end sections b' b^2 b^3 of the spring further constitute finger-pieces, by means of which the device can be readily manipulated.

The main body of spring b is inclosed within an upper seam or pocket a^2 of band a, while the end sections of the spring are inclosed by end pockets a^3. The upper pocket a^2 is formed by turning down and securing an upwardly-extending flap a^4, while the end pockets are formed by turning inward and securing a pair of laterally-extending flaps a^5.

It will be seen that my improved muffler can be readily applied by first spreading the spring, then fitting the neckband, and finally releasing the spring. The latter will thus encircle the neck and cause the neckband to be quickly and securely attached without the use of buttons or other fastening devices, while the pad will remain seated flat upon the chest. The neckband should be of such a length that its ends will overlap, so that it will readily adjust itself to necks of different sizes without leaving an objectionable gap at the back.

What I claim is—

In a muffler, a pad and a neckband which is connected to the pad at the center and disconnected therefrom at the ends, combined with a spring having an upper section that extends along the upper edge of the neckband, a pair of upright end sections that extend along the ends of the neckband, and a pair of lower sections that extend along the lower edges of the neckband, substantially as specified.

Signed by me at New York city, (Manhattan,) New York, this 10th day of December, 1904.

GUSTAVE HYMAN.

Witnesses:

WILLIAM SCHULZ,

FRANK V. BRIESEN.