July 17, 1923. 1,461,900

G. A. HANFT

CORD TERMINAL FOR MASK FASTENERS

Filed Dec. 4, 1922

Fig. 1

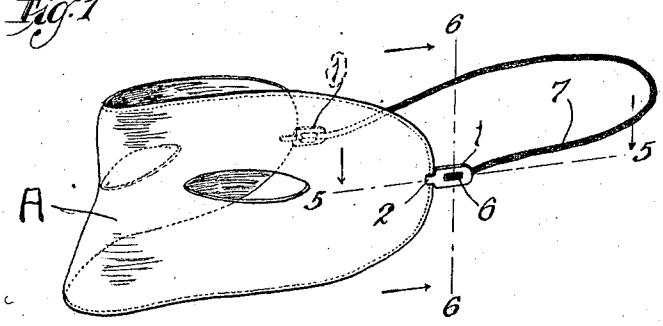


Fig. 2

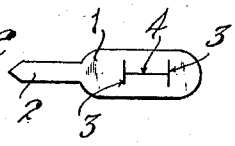


Fig. 3

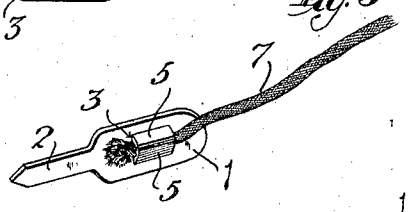


Fig. 4.

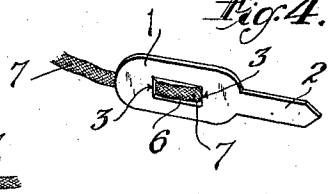


Fig. 5

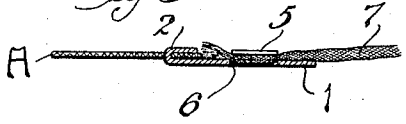
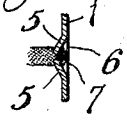


Fig. 6.



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Patented July 17, 1923. 1,461,900

UNITED STATES PATENT OFFICE.

GEORGE A. HANFT, OF IRVINGTON, NEW JERSEY, ASSIGNOR TO NEWARK MASK CO. INC., OF IRVINGTON, NEW JERSEY, A CORPORATION OF NEW JERSEY.

CORD TERMINAL FOR MASK FASTENERS.

Application filed December 4, 1922. Serial No. 604,719.

To all whom it may concern:

Be it known that I, GEORGE A. HANFT, a citizen of the United States, and a resident of Irvington, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Cord Terminals for Mask Fasteners and the like, of which the following is a specification.

This invention relates in general to means for connecting a terminal member to a cord, wire, or the like, and more particularly to a terminal piece for securing or coupling the ends of a mask fastener elastic to a mask.

One object of the invention is to provide novel and improved means for connecting a coupling or terminal member to a cord, wire, or the like.

Further objects are to provide a terminal or coupling member which is simple and inexpensive in construction and which can be easily and quickly connected to a cord, wire, or the like, and to obtain other results and advantages as may be brought out by the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate the same parts throughout the several views,

Figure 1 is a perspective view of a mask fastener provided with two of the terminal or coupling members embodying the invention;

Figure 2 is an enlarged plan view of one of the terminal or coupling members;

Figure 3 is a perspective view of one side of the coupling member showing a cord or elastic connected thereto;

Figure 4 is a similar view of the opposite side of the coupling member;

Figure 5 is an enlarged longitudinal sectional view taken on the line 5—5 of Fig. 1, and

Figure 6 is an enlarged transverse sectional view taken on the line 6—6, Fig. 1.

In the embodiment of the invention shown on the drawings, the coupling or terminal member comprises a blank of sheet metal including a body portion 1 provided at one end with a longitudinally projecting narrow tongue 2. The body portion 1 has struck up on the lines 3 and 4 from one side thereof two oppositely disposed ears 5, said ears extending longitudinally of the body portion with their adjacent edges disposed on substantially the central median line of the coupling. The adjacent free edges of the ears are also spaced outwardly from the side of the body portion, as clearly shown in Figures 3, 5, and 6, and an opening 6 is formed in the body portion by the lines 3 at the ends of the ears and the junction points of the ears with the body portion.

In applying the coupling or terminal member to an elastic cord or the like 7, one end of the cord is slipped beneath the ears 5 so as to overlap the ends 3 of the opening 6, as clearly shown in Figures 3 and 5. The ears 5 are then pressed downwardly toward the body portion, which action forces a portion of the cord beneath the ears into the opening 6 and causes a tight engagement of the cord with the ends 3 of the opening 6 and the ends of the gear 5. When thus connected, the cord is securely held against detachment from the coupling, regardless of the longitudinal tension on the cord. The terminal or coupling member is then connected to the mask A in the well-known manner by forcing the tongues 2 through the margin of the mask and returning said tongues upon themselves, as clearly shown in Figure 5.

While I have shown and described my invention in connection with a coupling member for mask fasteners, it will be understood that it is adapted for use in many other terminal or coupling devices, for instance bale and package ties, electrical cord terminals, electric battery connectors, and the like. It will be understood that the form of the invention shown on the drawings is merely for the purpose of illustrating the principles of the invention, and that many modifications and changes can be made in the detail construction and use of the invention without departing from the spirit or scope thereof. Therefore, I do not desire to be understood as limiting myself except as required by the following claim when construed in the light of the prior art.

Having thus described the invention, what I claim is:

A device of the character described including a flat sheet metal body portion having a pair of oppositely disposed substan-

tially parallel ears stamped therefrom to form an opening having one of said ears at each of two opposite sides thereof, said ears being so arranged that their adjacent edges are in spaced relation to one side of said body portion and are adapted to substantially meet in the plane of the body portion, and a cord overlying said opening beneath said ears, said ears being pressed toward said body portion tightly against said cord to hold the same against movement on said body portion in all directions.

GEORGE A. HANFT.