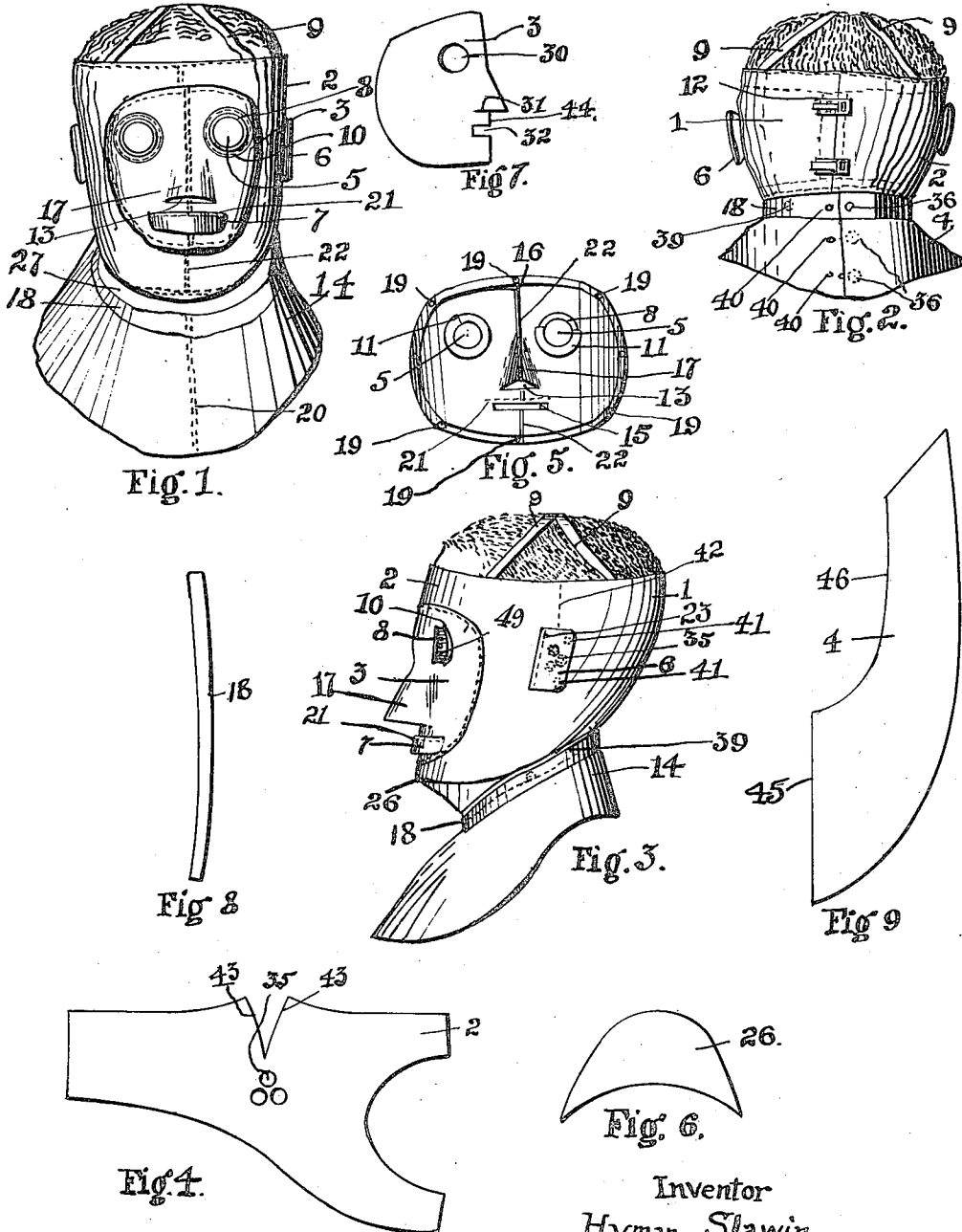


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HOOD.
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HOOD.

1,309,783.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HYMAN SLAWIN, a citizen of the United States, and a resident of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Hoods, of which the following is a specification.

The present device is a shaped hood, that is, it is made of a substantially inelastic fabric, cut and seamed so as to fit the head, figure and features, and in this respect differs from protectors that depend largely for their fit upon the elasticity of the knitted or other similar fabric of which they are made and from protectors made of cloth or like material, adjusted approximately by a draw string or similar device.

My device not only through its construction gives a far more exact fit than any previous shaped hood and a more complete cover but also permits of a greater variation in the area covered, namely, from a complete cover of all the head, face and neck and a substantial part of the shoulders and chest, to a covering of chin, cheeks, ears and the sides and back of head except that the top of the head, which is ordinarily covered by a hat or cap, and almost universally protected by the hair, is not shown as covered. The donning and adjusting of the hood or any of its parts can be done very rapidly, and without removing any part of it already in wear, and it will not interfere with any apparel underneath the hood. My device does not obstruct the hearing; it permits free breathing from the nostrils, which are covered on top by the hood but are freely open at the bottom, and allows a thin layer of air between the inside of the hood and the face without allowing this air to escape in large amounts or permitting the admission of outside air.

Figure 1 is a front elevation of the hood; Fig. 2 is a rear elevation of same; Fig. 3 is a side elevation; Fig. 4 shows one of the two pieces of cloth used to make the head cover; Fig. 5 is a view of the inside of the face cover; Fig. 6 shows the shape of the cloth used to form the chin cover V. Fig. 7 shows the shape of the piece of cloth used to form one half of the face cover; Fig. 8, that used to form one half the collar of the chest and shoulder and back cover, and Fig. 9 that used to form one half the chest, shoulder and back cover.

The head cover 1, covers the back and sides of the head, the ears and parts of the cheeks, chin and forehead. It consists of the head pieces 2, 2, the chin cover 26 and the collar 27, and has the supports 9, 9, and the ear flaps 6, 6. The seam 22, unites the two pieces 2, 2, in front. The straps 9, 9 pass over the top of the head, and support the hood. They are preferably elastic and cross each other. The head cover is fastened at the back by the buckles 12 that allow an adjustment to fit the size of the head. These buckles may be elastically attached to the pieces 2, 2. The shape of the piece 2 is shown in Fig. 4, and the V with the curved edges 43, 43, which are united in the completed cover by the seam 42, gives a fullness that accommodates the ears. In the piece 2 beneath the V are the holes 35, 35. These holes are ordinarily finished with eyelets and admit the sound vibrations of the air into the ear. The ear flaps 6, 6, are secured to the pieces 2 by the vertical seam 23, and can be loose at the back, in which case they will aid the hearing of the wearer, or can be secured to the piece 2 by the snaps 41, 41.

The face cover is removably secured to the head cover, suitably by the snaps 19 which are set closely enough to hold the two parts snugly together. It is formed by the two pieces 3, 3, that are secured together along the line shown at the right hand side of Fig. 7, the contour of which causes the cover to follow very exactly the shape of the nose and upper lip. This is of considerable importance because the breath opening should not allow the moisture of the breath to be carried inside the hood, nor the warmed air inside of it to be carried away. The nose projection 17 preferably does not extend below the end of the nose, and fits snugly the sides of the nostrils, and the covering for the upper lip is drawn tightly over the latter. By this means the breath escapes directly into the air, and cannot be drawn inside the hood, and the warmed air inside of it does not escape through the opening 13 for the passage of the breath into and from the nose. The depth of the cut 31 beyond the line 44, regulates the width of the nose projection and its total length determines its projection outward. A band or lining 16 follows the inside of the face cover; the slots 32, form the mouth aperture 15; the seam 22

joins the pieces 3, 3. The goggles 5, 5, are set straight forward in the cylindrical frames 8, 8, and in practice are secured in place firmly in the holes 30, by the flange 5 of the frame placed in the inside of the piece 3 and a ring of stiff material 10, such as leather, the ring 10 being stretched around the frame 8, and the ring 10 and the flange of the frame 8 being stitched together. A lining 11 will protect the eye socket from the chill of the frame 8. Holes 49, would by allowing the passing out of sufficient warm air to ventilate the hood, aid in warming the glass and frame. The mouth flap 7, 15 is secured to the face cover by the seam 21, and can be turned upward if desired. When the hood is being worn, the curving of the face cover will hold the piece 7 turned up. The chest, shoulder and back cover 14 consists of the two pieces 4, 4, and the collar piece 18. The pieces 4, 4, are united along the line 45, by the seam 20. The collar 18 is sewed to the piece 4 along the line 46 of Fig. 9. The snaps 36 can be inserted, 25 and can connect the ends of the shoulder and back cover at the rear, and can have duplicates 40, 40, 40, of one of their component parts set so that in conjunction with the buckles 12, adjustment of the head and 30 cover can be made readily to different figures. The chest, shoulder and cover for the back is suitably removably secured to the head portion of the device by the snaps 39. The hood can be put on in thirty seconds, 35 and removed even more quickly. It can be made of a fire-proof or water-proof material. It is especially adapted for soldiers, sailors, automobile drivers, and all persons exposed to cold and wind.

40 I claim:—

1. The combination with the head cover

of a hood having openings over the ears, and having the sides of a V shaped opening cut downward directly above the ear openings seamed together, of supports extending 45 over the top of the head, ear flaps covering the openings over the ears, adjustable fastenings securing together the back of the head cover, a face cover and a chest and shoulder cover. 50

2. In a shaped hood, a head cover having an opening over the nose, eyes and mouth, in combination with a face cover formed of duplicate pieces, seamed together by a vertical seam, the edges, that are united at 55 this seam, of these pieces, having the requisite contour for forming the nose projection, a close fitting covering for the upper lip and the mouth opening, and a shoulder and chest cover, the face cover and the chest and 60 shoulder cover being detachably connected with the head cover.

3. The combination with the head cover of a hood having openings over the ears, and having the sides of a V shaped opening 65 cut downward directly above the ear openings seamed together, of elastic supports extending over the top of the head, ear flaps covering the openings over the ears and adjustable fastenings securing together the 70 back of the head cover.

4. In a shaped hood, the head cover having an opening over the nose, eyes and mouth, in combination with a face cover, formed of duplicate pieces, seamed together 75 by a vertical seam, the edges that are united, at this seam, of these pieces, having the requisite contour for forming the nose projection, a close fitting covering for the upper lip, and the mouth opening, and having 80 a mouth flap covering the mouth opening.

HYMAN SLAWIN.