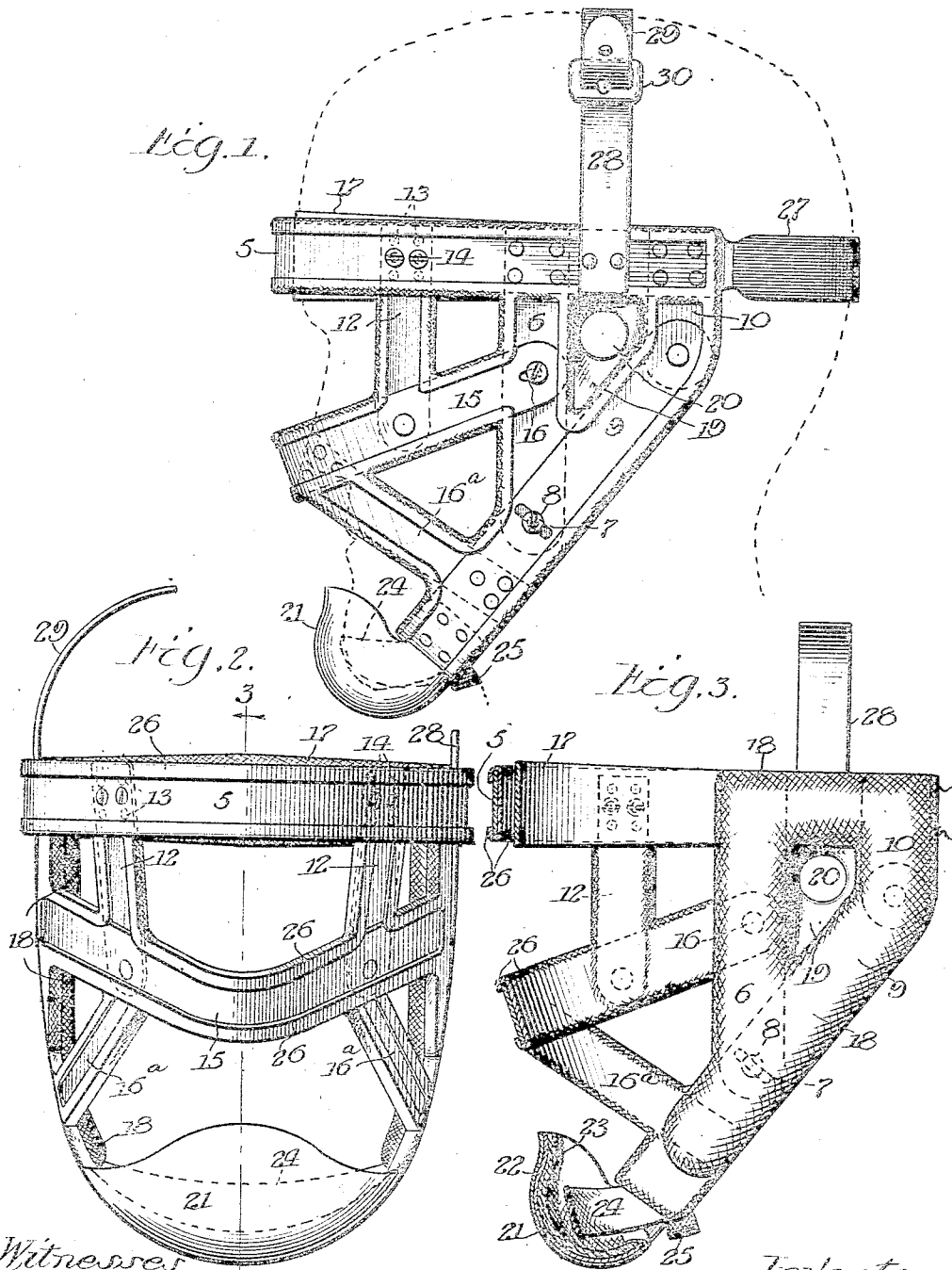


T. J. WHITE.
FACE MASK.
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1,060,220.

Patented Apr. 29, 1913.



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UNITED STATES PATENT OFFICE.

THOMAS J. WHITE, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-FOURTH TO JOHN D. GAZZOLO AND THREE-FOURTHS TO CORA M. WHITE, BOTH OF CHICAGO, ILLINOIS.

FACE-MASK.

1,060,220.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS J. WHITE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Face-Masks, of which the following is a specification.

This invention relates to certain new and useful improvements in face masks which are more particularly intended to be used by boxers or pugilists (either amateurs or professionals) when giving public entertainments, or while practising, but may be employed for other purposes, and it consists in certain peculiarities of the construction, novel arrangement and operation of the various parts thereof, as will be hereinafter more fully set forth and specifically claimed.

The principal object of the invention, is to provide a protecting mask for the face, which shall be simple and inexpensive in construction, strong, durable, and efficient in use or operation, and so made as to be easily and securely attached to the head of the user over his face, in such a manner as to offer no obstruction to his vision, breathing, or hearing, but so as to protect the face and particularly the eyes, nose, jaws and ears from an opponent's blows and prevent injury or disfigurement and bloodshed.

Another object of the invention is to provide means whereby the mask may be adjusted to fit faces of different sizes.

Still another object of the invention is to so construct the mask that parts thereof which will most frequently receive the blows of the opponent, will be held at a slight distance from the face, thereby decreasing the concussion or force of the blows.

Various other objects and advantages of the invention will be disclosed in the subjoined description and explanation.

In order to enable others skilled in the art to which the invention pertains, to make and use the same I will now proceed to describe it referring to the accompanying drawing, in which—

Figure 1, is a view in side elevation of a face mask embodying the invention show-

ing it in position on the head of the user, the said head being illustrated by dotted lines, Fig. 2, is a front view in elevation, and Fig. 3, is a vertical sectional view taken on line 3—3, of Fig. 2, looking in the direction indicated by the arrows.

Like numerals of reference refer to corresponding parts throughout the different views of the drawing.

The mask comprises an open frame work which is preferably made of metal and shaped to conform somewhat to the facial outlines, and consists of a brow band 5, substantially semi-circular in shape and having on each of its sides at about the middle part thereof a downward extension 6, each of which is provided in its lower portion with a slot 7, to receive a screw 8, which screws are used to adjustably secure the extensions 6, to the lower portions 9, of the frame, which protect the jaws of the wearer. The metallic brow band 5, is also provided at each of its sides at the rear end thereof with a downward extension 10, to which the lower portions 9, are pivotally secured at their upper ends. Secured to each side of the metallic brow band 5, near its front portion is a depending bar 12, each of which is provided at its upper end with openings 13, to receive screws 14, which are extended through suitable openings in the member 5, and are employed to adjustably connect the bars or members 12, to the brow band. Each of the bars 12, is pivotally secured at its lower portion to a forwardly curved member 15, which extends over the nose of the wearer and has its ends adjustably secured by means of screws 16, to the extensions 6, as will be readily understood by reference to Fig. 1, of the drawing. The front portion of the nose protecting member 15, is connected at each of its sides to the sides of the jaw protecting members 9, by means of pieces 16^a, which may be riveted or otherwise secured to the pieces 9, and 15.

Located inwardly of and at a slight distance from the front portion of the metallic brow band 5, is a supporting brow band 17, which is made of leather or other suitable

flexible material and is of substantially the same shape as the band 5, and has its rear portions secured to the inner surfaces of the sides of the band 5, and provided on its inner surface with padding or cushioning material 18, which padding or cushioning material is also secured to the inner surfaces of the extensions 6, 9, and 10, so as to rest against the sides of the head of the user and over the ears. This padding or cushioning material is provided with recesses 19, for the reception of the ears and with openings 20, so as to offer but little obstruction to sounds. The jaw protecting members 9, are inclined downwardly and forwardly, as shown, and are connected together at their front or lower ends by means of a metallic chin piece 21, which is shaped to conform substantially to the outlines of the chin and has its front middle portion extended upwardly and is preferably covered externally with leather 22, and is provided with padding or cushioning material 23, to protect the chin from injury, should the chin piece 21, at any time be forced in contact therewith.

Secured at its ends to the inner surface of the lower portion of each of the jaw protecting members 9, is a strap 24, of relatively stiff material such as leather which is projected forwardly into the cavity of the chin piece 21, but lies at a slight distance therefrom as is clearly shown in Figs. 1, and 3, of the drawing, thus causing the chin piece 21, to be supported at a slight distance from the chin. Connecting the lower portions of the members 9, at about the junctures of the chin piece therewith is a flexible strap 25, which will lie under the rear portion of the chin and prevent the mask being dislocated or knocked upwardly by an upper-cut blow.

The parts 5, 6, 9, 10, 15, and 16^a, are all preferably lined on their inner surfaces with a covering 26, such as leather, which is lapped over the edges of said members or parts and secured thereto in any suitable manner, which arrangement will prevent the edges cutting the gloves of the opponent.

Secured to the rear portion of the upper part of the frame of the mask is a band 27, of any suitable material which is designed to pass around the back part of the head of the wearer and to securely hold the brow band 17, against the forehead or brow, and connected to the sides of the metallic band 5, near the rear portions thereof are straps 28, and 29, which are adapted to be extended over the crown of the head and to be united by means of a buckle 30, so as to support the mask in the proper position on the head for use.

By adjustably connecting the jaw protecting members 9, to the members 6, and the members 12, to the brow band 5, it is apparent that by loosening the screws 8, 14,

and 16, the parts 9, and 21, may be moved upwardly or downwardly to accommodate the mask to faces of different lengths, and when so adjusted the parts may be fixed by tightening up said screws.

From the foregoing and by reference to the drawing, it will be readily understood and clearly seen, that the front portion of the metallic part of the mask will be held at a slight distance from the face of the user, by means of the brow band 17, and the strap 24, which latter is extended forwardly into the cavity of the chin piece 21, as before stated, which arrangement will to a considerable extent diminish the effects of the blows of the opponent, and will positively prevent injury or disfigurement of the face, and bloodshed.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is—

1. A face mask consisting of a frame shaped to conform to facial outlines and having sight, breathing, and hearing apertures, pliable material covering parts of the outer surface of said frame, cushioning material applied to the inner surface of the sides of the frame work, a horizontally disposed flexible band secured at its ends to the rear portion of the sides of the upper part of the frame work and extended forwardly within the same but terminating at a distance from the front upper portion of the frame work, and means to support the mask in operative position.

2. A face mask consisting of a frame shaped to conform to the facial outlines and having sight, breathing, and hearing apertures, a horizontally disposed flexible band secured at its ends to the rear inner portion of the sides of the upper part of the frame work and extended forwardly within the same but terminating at a distance from the front upper portion of the frame work, and means to support the mask in operative position.

3. A face mask consisting of a frame shaped to conform to the facial outlines and having sight, breathing, and hearing apertures, a horizontally disposed flexible band secured at its ends to the rear inner portion of the sides of the upper part of the frame work and extended forwardly within the same but terminating at a distance from the front upper portion of the frame work, a strap secured at its ends to the lower portion of the sides of the frame and extended forwardly within the front lower portion of the frame but terminating at a distance therefrom, and means to support the mask in operative position.

4. A face mask consisting of a brow band having at each of its sides downward extensions, a jaw protecting member pivotally secured at its upper end to the rearmost of

each of said extensions and adjustably connected to each of the other of said extensions, a chin shield mounted on the lower portion of the jaw protecting members, a
5 curved member mounted on and located forwardly and above the jaw protecting members and adjustably connected to the brow band, and means to support the mask in operative position.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."