W. MOORE.

BODY PROTECTOR OR ARMOR.

APPLICATION FILED NOV. 29, 1918.

Patented Mar. 9, 1920.

2 SHEETS—SHEET 1.

1,333,438.

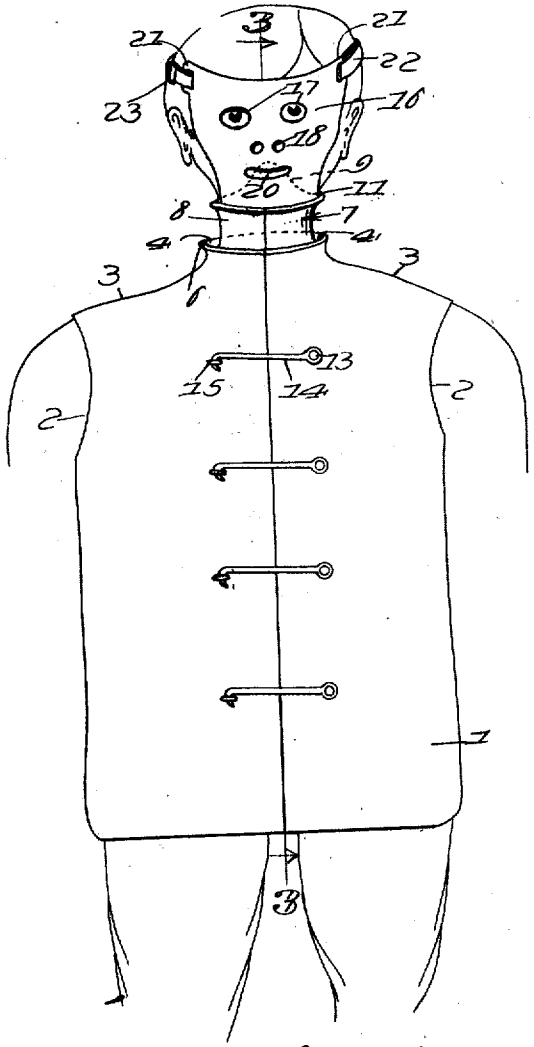


Fig. 1.

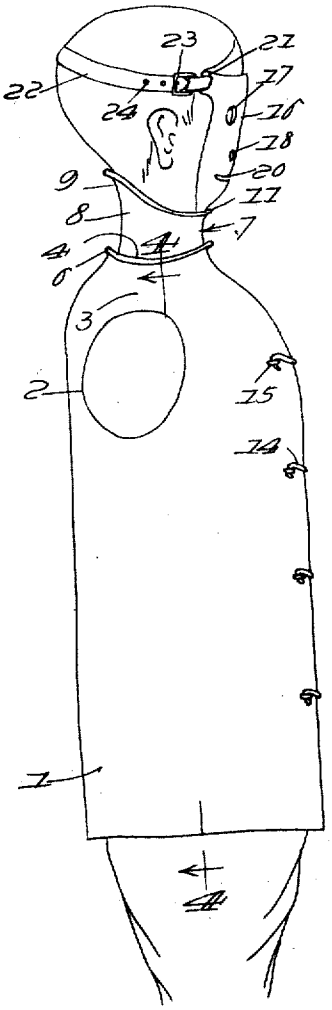


Fig. 2.

Inventor

William Moore,

By R. Munn Talbert Attorney

W. MOORE.

BODY PROTECTOR OR ARMOR.

APPLICATION FILED NOV. 29, 1918.

1,333,438.

Patented Mar. 9, 1920.

2 SHEETS—SHEET 2.

Fig. 3.

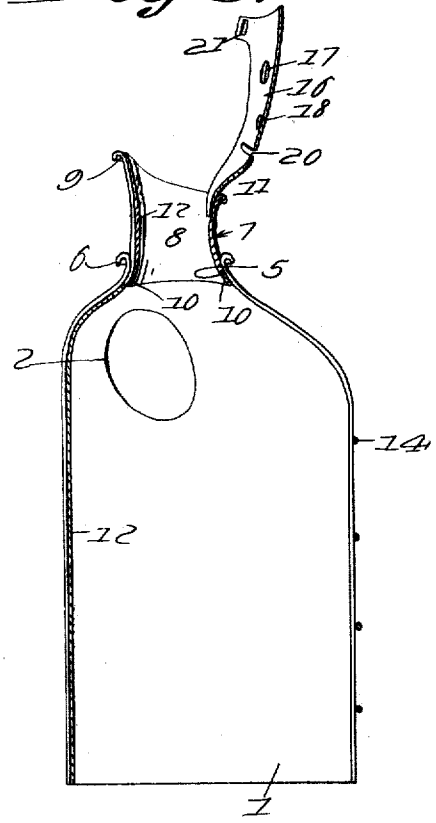


Fig. 4.

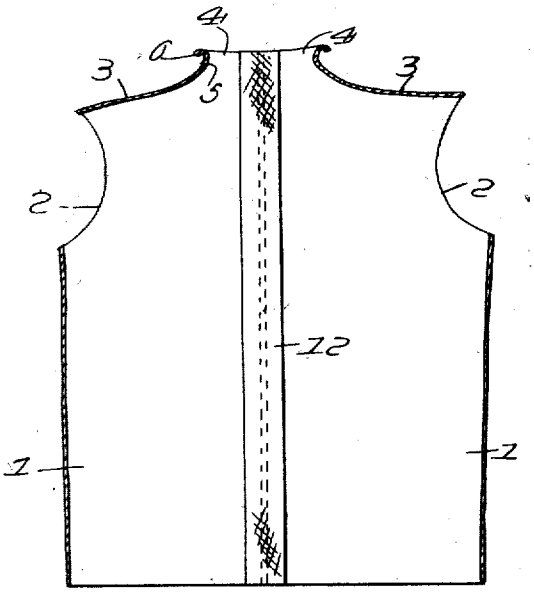
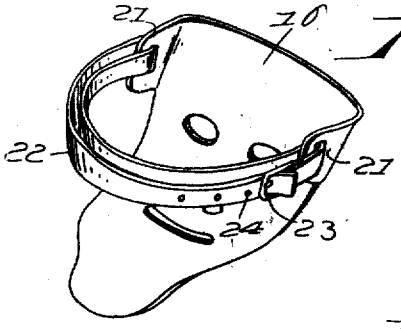


Fig. 5.



Inventor

William Moore

By E. Thurne Talbert Attorney

UNITED STATES PATENT OFFICE.

WILLIAM MOORE, OF SHARKEY, MISSISSIPPI.

BODY PROTECTOR OR ARMOR.

1,333,438. Specification of Letters Patent. Patented Mar. 9, 1920.

Application filed November 29, 1918. Serial No. 264,623.

To all whom it may concern:

Be it known that I, WILLIAM MOORE, a citizen of the United States, residing at Sharkey, in the county of Tallahatchie and State of Mississippi, have invented new and useful Improvements in Body Protectors or Armor, of which the following is a specification.

This invention has reference generally to improvements in armor and more particularly relates to body armor.

The invention has for its primary aim and object to provide a device of the above mentioned character designed to be fitted about the body, neck and head of a soldier for protecting these parts of the body from bullets, etc., being especially desirable for use in warfare.

More particularly the present invention consists in the provision of a device of the above mentioned character wherein the body protecting portion proper and the neck protecting portion are composed of relatively movable sections while acting in conjunction with the body protecting portion is improved fastening means for retaining the said portion in position and the body and neck protecting portions are so related that when in the proper position the body portion serves to retain the neck protection portion against displacement.

It is a more specific object of the present invention to provide a device of the above mentioned character wherein a face guard is employed and is of a novel shape while acting in conjunction therewith is suitable retaining means for maintaining the guard in proper position.

It is an additional object of this invention to provide a device of the above mentioned character which is simple in construction, thoroughly reliable and efficient in its purpose and inexpensive in manufacture.

Other objects will be in part obvious and in part hereinafter set forth.

The invention accordingly consists in the features of construction, the combination of elements and the arrangement of parts which will be exemplified in the construction hereinafter described and the scope of the application of which will be indicated in the appended claims.

The invention is clearly illustrated in the accompanying drawings, in which:

Figure 1 is a front elevation showing the device in position.

Fig. 2 is a side elevation thereof.

Fig. 3 is a vertical sectional detail on line 3—3 of Fig. 1.

Fig. 4 is a vertical sectional detail on line 4—4 of Fig. 3, the device being detached, and

Fig. 5 is a perspective detail of the face guard and the fastening means therefor.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring now, more particularly, to the accompanying drawings, there is provided a body engaging member or portion generally indicated by the numeral 1 comprising a pair of complemental sections of an arcuate configuration in cross section shaped to conform to one-half of the body of a person, being formed with arm openings 2 at the outer side and near the shoulder and supporting portions 3. When placed together the straight meeting edges are positioned near the spine and the center of the chest of the wearer while the shoulder engaging portions 3 are cut away to form opposed recesses 4 which when the sections are in position form a neck engaging opening 5. Upwardly curved flanges 6 are formed at the edges of the recesses 4 and on the shoulder portions 3. The neck protecting member 7 consists of a pair of complemental sections 8 preferably arcuate in cross section and having their upper edges cut slantingly from the rear to the front portion as at 9 while the lower edges of these sections 8 are formed with outwardly extending flanges 10 which are designed to be engaged by the upwardly extending flanges 6 on the body engaging sections 1. The upper edges of the sections 8 are rolled outwardly as at 11 to form a guard which prevents injury to the neck and chin of the wearer. In connecting the sections together a flexible strip 12 preferably formed of rubber is cemented or otherwise secured to the inner surfaces of

the sections 8 of the neck protecting portion and the sections 1 of the body protecting portion near the rear meeting edges and serves as a hinge for swingably connecting the sections 8 relative to each other and the sections 1 relative to each other.

In applying these sections 1 and 8, the sections 8 are first placed about the neck so that the high rear portions are positioned at the back of the head of the wearer while the sections 1 are swung toward each other subsequent to the arranging of the arms of a person through the openings 2 in such a manner that the front meeting edges will abut each other while the flanges 6 will lie over the flanges 10 on the sections 8 serving to retain this neck engaging and protecting portion 7 against displacement. Suitable fasteners such as hasps 13 are connected in vertical series on the outer surface and at the front meeting edges of the sections 1 for detachably holding the body protecting portion against displacement. Each hasp consists of a pivotally mounted hook 14 which is designed to engage the adjacent eye 15 on the opposite sections as indicated in Fig. 1.

A face guard generally indicated by the numeral 16 is now employed and is formed with a false face being shaped to protect the forehead and the sides of the face or cheeks of the wearer as well as the chin and is formed with eye openings 17, nose openings 18 and a mouth opening 20. Loops 21 are integral with the guard at the upper rear corners and these loops are engaged by a strap 22 one end of which carries a buckle 23 while the other portion is formed with a series of openings one of which is engaged by the buckle for the fastening of the guard in a supported position, the strap, of course, engaging the back or top of the head as desired.

It is believed in view of the foregoing description that a further detailed description of the operation of the invention is entirely unnecessary. Likewise it is believed that the advantages of this invention when in use in warfare will be readily apparent.

What is claimed is:

1. A device of the character described including a pair of body engaging sections, a pair of neck engaging sections, common means for swingably connecting the neck engaging sections relative to each other and the body engaging sections relative to each other, coöperative means on the neck engaging sections and the body engaging sections for retaining the neck engaging sections against displacement when the body engaging sections are arranged in position, and fastening means for preventing accidental disengagement of the body engaging sections.

2. In a device of the character described, a detachable neck protecting portion, a detachable body protecting portion designed to retain the neck protecting portion against displacement, means for detachably fastening the body engaging portion in position, a face guard formed with loops and having its lower extremity seated behind the neck protecting portion, and a strap engaging the loops for attachment around the head to fasten the face guard in position.

3. In a device of the character described, a pair of complemental neck engaging sections having their upper edges beaded, a pair of complemental body engaging sections, a rubber strip secured to the inner faces and adjacent the rear meeting edges of the sections to swingably connect these sections together, the adjacent edges of the neck engaging sections and the body engaging sections being formed with coöperative flanges for insuring of the retention of the neck engaging sections, and hasp fasteners for detachably connecting the body engaging sections in position.

In testimony whereof I affix my signature.

WILLIAM MOORE.