

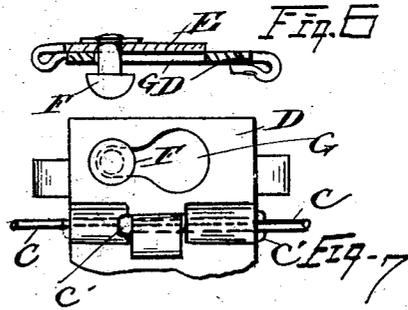
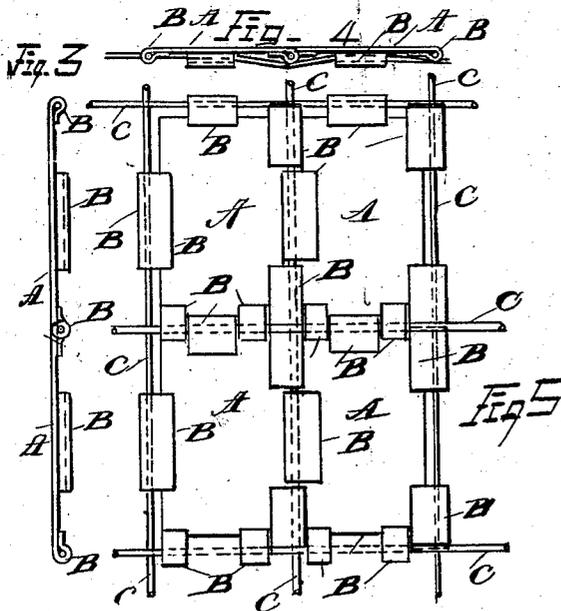
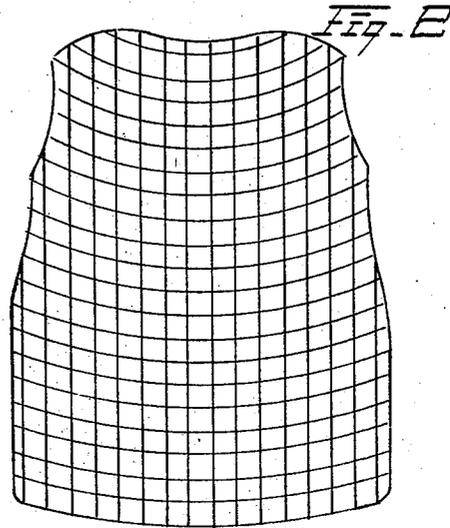
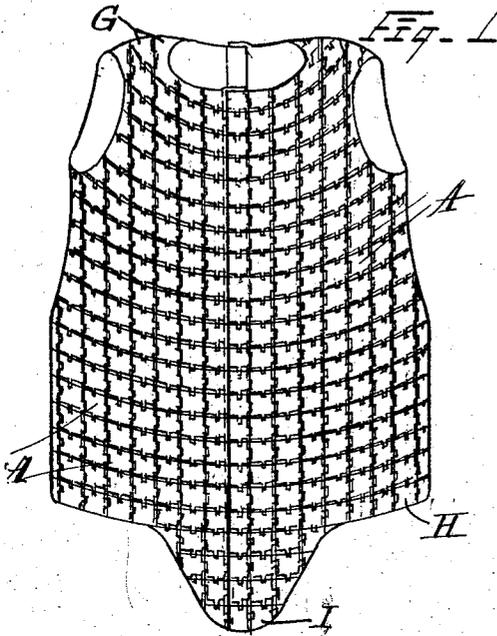
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W. BAILEY

ARMOR COAT

Filed May 25, 1921



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UNITED STATES PATENT OFFICE.

WILLIAM BAILEY, OF CLEVELAND, OHIO.

ARMOR COAT.

Application filed May 25, 1921. Serial No. 472,435.

To all whom it may concern:

Be it known that I, WILLIAM BAILEY, a citizen of the United States, and resident of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Armor Coats, of which I hereby declare the following to be a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

The objects of the invention are to provide an improved construction of armor, in which metal plate of a high degree of hardness and toughness are flexibly connected together to form a coat or vestment which will entirely encircle the body and protect all the vital organs, by preventing the penetration of bullets and all injurious weapons, such as knives or daggers.

The invention comprises the combination and arrangement of parts and construction of details, hereinafter described, shown in the accompanying drawings, and specifically pointed out in the claims.

In the accompanying drawings Fig. 1, is a front elevation of the device; Fig. 2, is a similar view of the lining or inner shirt or vestment worn with the outer armor, and attached thereto if desired; Fig. 3 is an edge elevation of the armor; Fig. 4 is a plan of the same, and Fig. 5 is an enlarged rear elevation thereof; Fig. 6 is a transverse section of the meeting rear edges of the armor, and Fig. 7 is a front elevation of a portion thereof.

In these views A, A, are thin metal plates the edges of which are rolled over to form spaced eyes B, B, which loosely interlock to permit of their lateral and longitudinal movement upon each other.

These plates are uniformly rectangular in shape except at the neck, arm holes and waist, at which they are specially shaped to conform to the figure of the wearer.

These parts are connected together by means of fine flexible wires C, C, which are threaded closely through the eyes or loops and permit a free but limited amount of movement of the plates upon each other.

The vestment is constructed preferably in

one piece open at the back and vertically flexible strips of plates D and E or continuous flexible strips margin the edges.

The same construction can be used in front if desired as shown in Fig. 1.

These strips overlap and are attached together by means of the rounded headed pins or screws F, F, in the inner strip, and key hole slots in the outer strip or other suitable means.

To these strips the extremities of the horizontal holding wires C, C, are attached by heads C'.

The vertical wires are secured in a similar manner to the band shaped row G, of plates forming the neck band, and at their lower ends are attached to a marginal row of plates H, a narrow depending portion I, is shown in front.

Having described the invention what I claim as new and desire to secure by Letters Patent is:

1. In a protective armor, in combination, a multiple number of rows of metal plates, said plates provided with spaced integral projections on their vertical and horizontal edges forming eyes thereon; the spaced projections on the edges of one plate loosely interlocking with the spaced projections upon adjoining plates, and vertical and horizontal connecting wires crossing each other engaging all the interlocking eyes upon the corresponding edges of each row of plates.

2. In a protective armor, in combination, a multiple number of rows of metal plates, said plates provided with spaced integral projections on their vertical and horizontal edges forming eyes thereon, the spaced projections on the edges of one plate loosely interlocking with the spaced projections upon adjoining plates, and vertical and horizontal connecting wires crossing each other engaging all the interlocking eyes upon the corresponding edges of the row of plates, marginal plates for said armor, the ends of said flexible connections for said interlocking eyes having terminal heads and secured in said marginal plates in reverse direction.

3. In a protective armor, horizontal and vertical rows of metal plates closely grouped

together at their edges, the adjacent vertical and horizontal edges of said plates provided with spaced integrally formed projecting eyes, and vertical and horizontal wires arranged at right angles to each other common to and connecting all the eyes, on adjacent edges of said rows of plates.

In testimony whereof, I hereunto set my hand this 8th day of April, 1921.

WILLIAM BAILEY.

In presence of—
WM. M. MONROE,
I. M. DISTA.