(No Model.)

G. GREBE.

METALLIC VEST ARMOR.

No. 301,358. Patented July 1, 1884.

Fig. 1.

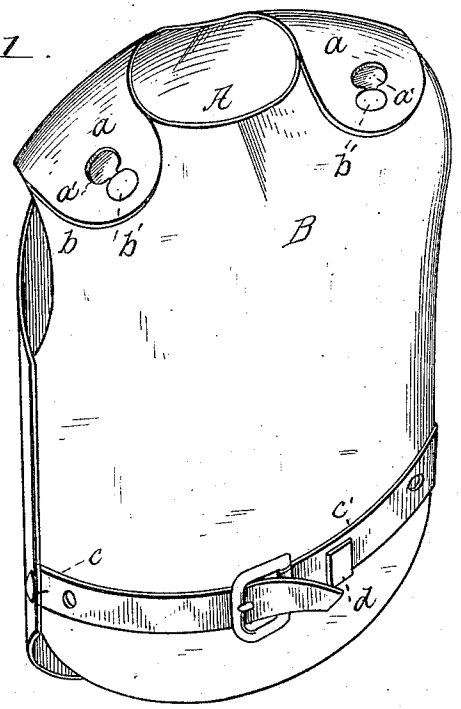
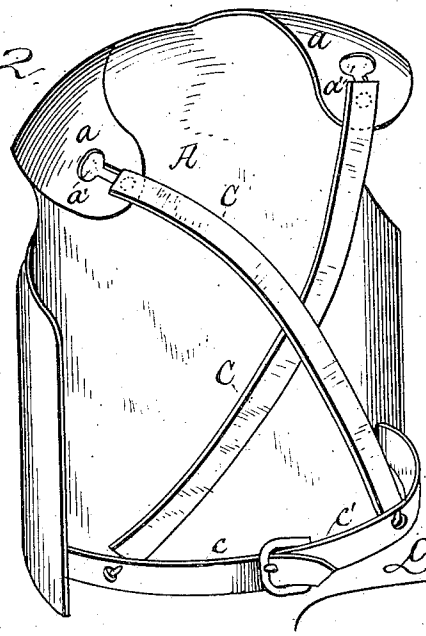


Fig. 2.



WITNESSES:

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GEORGE GREBE, OF DE WITT, NEBRASKA.

METALLIC VEST-ARMOR.

SPECIFICATION forming part of Letters Patent No. 301,358, dated July 1, 1884.

Application filed April 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE GREBE, of De Witt, in the county of Saline and State of Nebraska, have invented certain new and useful Improvements in Metallic Vest-Armor; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

My improvement relates to metallic waistcoats or armors to be worn upon the person in like manner as an ordinary vest or waistcoat. It has for its object to supply a protective article of apparel for patrolmen while in the discharge of their duty, firemen, soldiers, policemen, and such like personages.

With this end in view the invention consists in such details of construction and combination of parts as will hereinafter be distinctly pointed out and claimed.

Referring to the annexed drawings, in which like letters indicate like parts, Figure 1 represents a perspective view of the front and back plates as they are united and fastened upon the body of the wearer; and Fig. 2 represents an inside perspective view of the front or breast plate, showing the connection with the waistband or strap of the back-straps, said figure illustrating the manner in which the front plate is secured upon the body of the wearer when the back-plate is not worn or is dispensed with.

A represents the plate designed to be worn in front, which, as shown, is provided with portions *a a*, that extend over and rest upon the shoulders of the wearer.

B represents the back-plate, that is formed with corresponding shoulder portions, *b b*. The portions *a a* of the front plate are provided with openings *a'*, for the reception of studs or buttons *b'* on the shoulder-pieces of B. The said openings *a'* are enlarged at one end, so as to permit the head of the studs to be inserted through and their shanks then slipped down, so as to prevent the parts from becoming separated. Secured to each side of the front plate, at near its lower end, are straps *c c'*, which buckle together at about the center of said plate, thus forming a band or belt by which the parts can be drawn as tightly around the waist as desired. The back-plate is provided with a small guide or holder, *d*, for holding the straps, as shown. When it is only desired to wear the front plate, back-straps C are hooked in eyelets in the straps *c c'*, as shown, and crossed over the back in the manner of suspenders, the said straps being provided at their other ends with hooks or studs, by which they are fastened in the openings in the shoulder-pieces. (See Fig. 2.) By this means the same can be worn under the coat with as much comfort as an ordinary vest, while at the same time the body is thoroughly protected from any assault that might be made on it.

It will be apparent that an article of this kind, which combines both lightness and ease and comfort in its wear, will be found extremely useful and desirable to persons whose lives are in constant jeopardy. It can be made of any suitable material that is found to be the most effective and desirable.

I am well aware that a metallic mail or armor for covering the body, or the body and limbs, for protecting the same, is not new; but I am not aware that it was ever known to construct a metallic armor or waistcoat according to my present invention.

Having thus described my invention, what I claim is—

1. In a metallic armor, the combination, with the front plate formed with the integral slotted shoulder-extensions *a*, and the back-plate formed with the portions *b*, having studs adapted to enter the slots in extensions *a*, of the waist-straps *c c'*, substantially as shown and described.

2. In a metallic armor, the combination, with the front plate formed with the slotted shoulder-extensions *a*, of the waist-straps *c c'*, having eyelets, and the back-straps C, provided at their lower ends with hooks for engaging said eyelets, and at their opposite or upper ends with studs for insertion in the slots of the shoulder-extensions, substantially in the manner set forth and shown.

3. The combination, in a body-armor, of the

front section having the shoulder-pieces made to lap beyond the shoulder, whereby the weight of the armor is sustained with the cross suspender-straps and the waist-strap, said strap being arranged in such manner as to be readily adjusted to the body, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE GREBE.

Witnesses:
EDWARD E. ELLIS,
O. E. DUFFY.