

E. R. TALLEY.
LIFE PROTECTING BODY GUARD.
APPLICATION FILED FEB. 6, 1918.

1,290,799.

Patented Jan. 7, 1919.

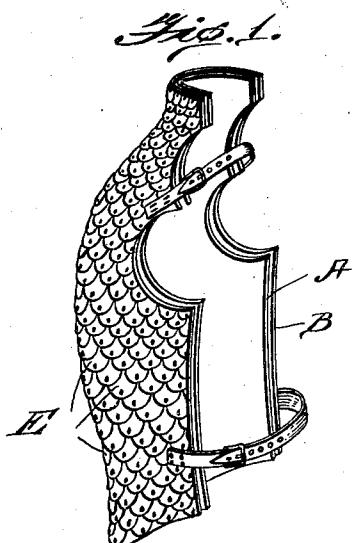
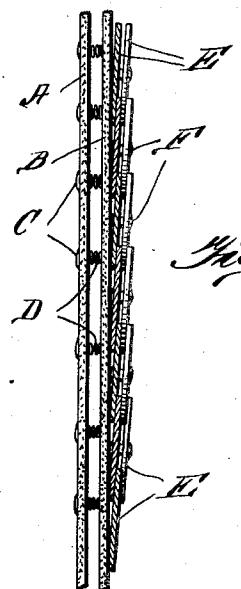
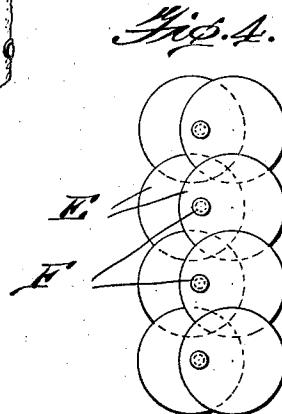
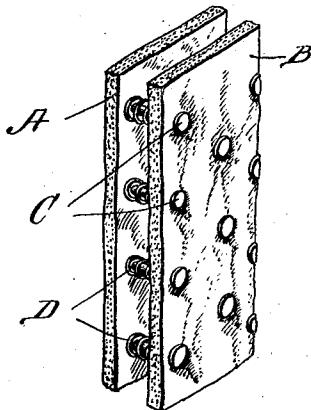


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

EDWIN R. TALLEY, OF GRINNELL, IOWA.

LIFE-PROTECTING BODY-GUARD.

1,290,799.

Specification of Letters Patent.

Patented Jan. 7, 1919.

Application filed February 6, 1918. Serial No. 215,647.

To all whom it may concern:

Be it known that I, EDWIN R. TALLEY, a citizen of the United States, residing at Grinnell, in the county of Poweshiek and State of Iowa, have invented certain new and useful Improvements in Life-Protecting Body-Guards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it applies to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in life protecting body guards for soldiers, and consists in the provision of a simple and efficient device of this nature, and comprises essentially a jacket made up of two layers of impenetrable water and fire proof material, having an outer covering of overlapping metallic protecting disks.

The invention consists further in the provision of two layers of impenetrable material forming a jacket to be worn by a soldier and adapted to be immune from bullets and projectiles, the two layers being held yieldingly relative to each other, while the outer layer of the jacket is provided with a series of metallic disks pivoted together and overlapping one another.

The invention consists of other details of construction, combinations and arrangements of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings which, with the letters of reference marked thereon, form a part of this specification and in which:

Figure 1 is a perspective view showing a jacket made in accordance with my invention.

Fig. 2 is an enlarged detail perspective view showing portions of the two layers of water proof impenetrable material held in yielding relation to each other.

Fig. 3 is a detailed sectional view through the jacket, and

Fig. 4 is an enlarged detail view of the metallic disks which are pivoted to one another.

Reference is now made to the details of 55 the drawings by letters.

A and B designate two layers of a suitable material which is water and fire proof and so constructed as to be immune to bullets and small projectiles, and is of a pliable 60 nature and of any suitable thickness. The two layers are spaced apart a slight distance, and C designates rivets passing through the two layers, and D designates coiled springs which are mounted upon the rivets and interposed between the two layers. Said layers of material, which are adapted to conform to the shape of the body of a wearer, have springs of different lengths, those near the center being preferably longer than those 70 near the edge, thus spacing the layers apart different distances.

Disks E, preferably of metal, and which are slightly concaved to conform to the convexed surface of the jacket are pivoted together by means of rivets F, several disks being arranged in rows and overlapping one another and adapted to cover the entire front surface of the jacket.

By the provision of a jacket made in accordance with my invention, it will be noted that the vital parts of a person from the neck to the hips may be protected, the layers of material being water and fire proof and of such a nature as to withstand the penetration of projectiles, while means is provided permitting the outer layer to give slightly under the impact of a blow from a bullet or projectile against the outer covering of metallic scales or disks.

Suitable straps or other fastening means are provided whereby the device may be attached securely to the body of the wearer.

What I claim to be new is:

1. A life protecting body guard made of 95 two layers of water and fire proof impenetrable material held in yielding relation with each other, and a covering of metallic disks upon the surface of the outer layer.

2. A life protecting body guard made of 100 two layers of water and fire proof impenetrable material spaced apart, coiled springs mounted between the two layers permitting the latter to have yielding movements, and a series of metallic disks protecting the surface of the outer layer.

3. A life protecting body guard made of 105 two layers of water and fire proof impen-

trable material spaced apart, rivets passing through said layers, coiled springs mounted upon said rivets and interposed between the two layers, series of metallic disks protecting the surface of the outer layer.

4. A life protecting body guard made of two layers of water and fire proof impenetrable material spaced apart, rivets passing through said layers, coiled springs mounted upon said rivets and interposed between the

two layers, a series of concaved disks pivoted and overlapping one another and forming a covering to the surface of the outer of said layers.

In testimony whereof I hereunto affix my ¹⁵ signature in presence of two witnesses.

EDWIN R. TALLEY.

Witnesses:

G. H. WALKER,
J. M. WOODWORTH.