

W. BRADLEY.
ARMOR.
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1,154,689.

Patented Sept. 28, 1915.

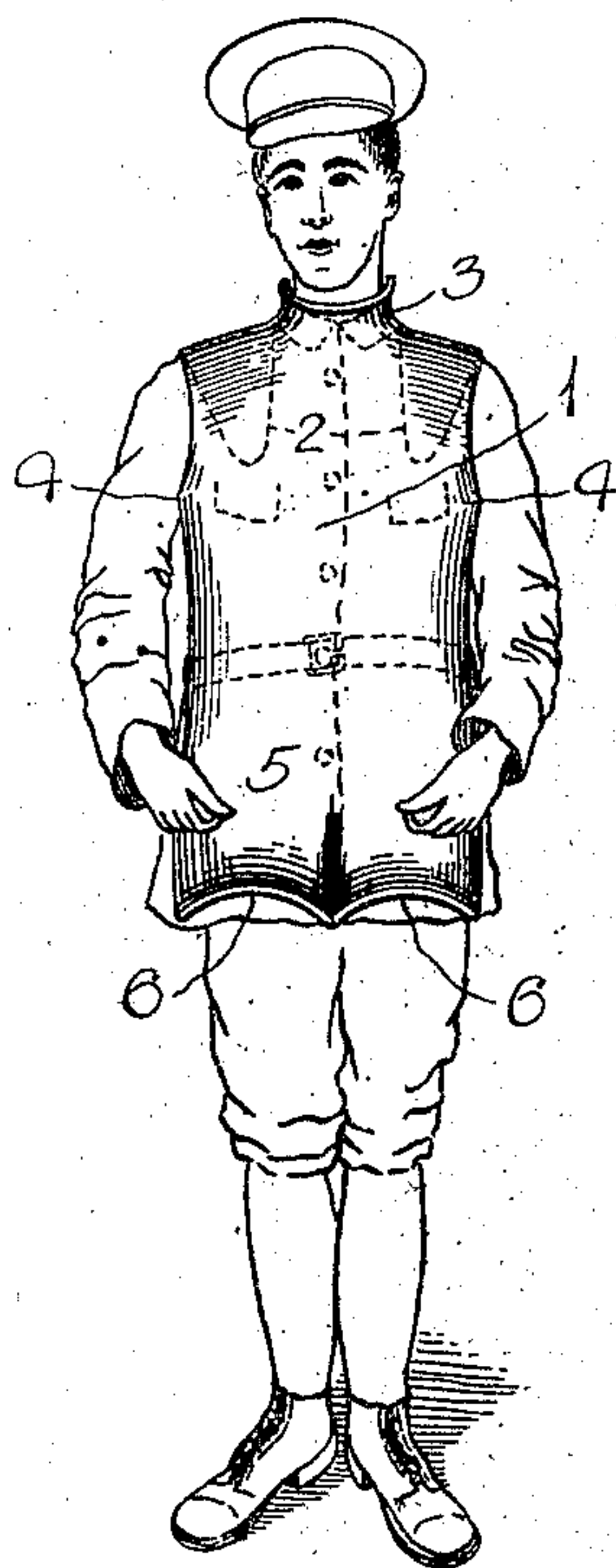


Fig. 1.

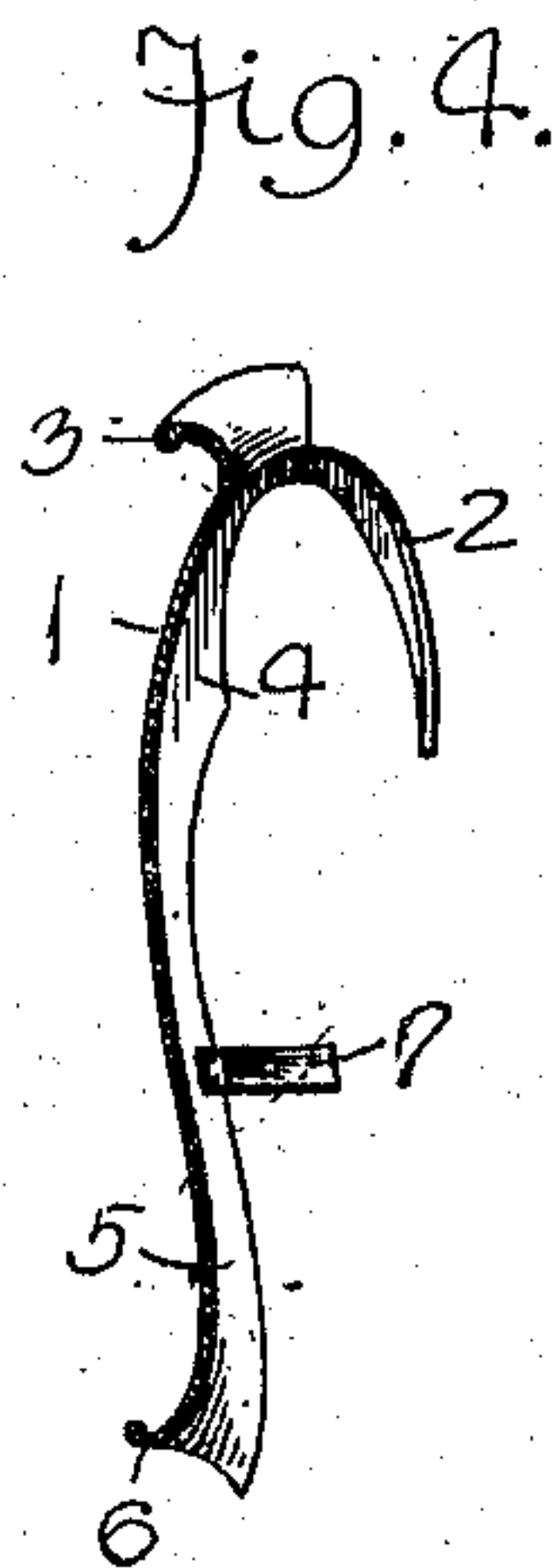


Fig. 4.

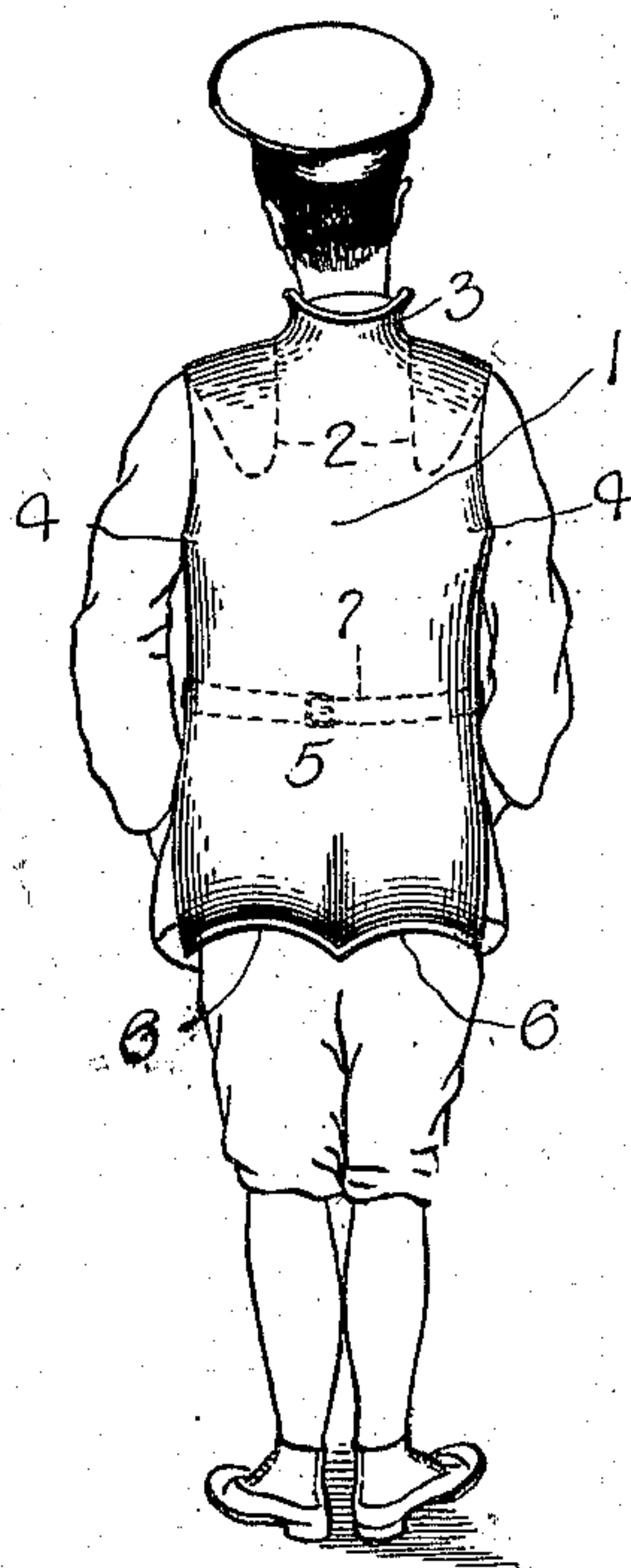


Fig. 2.

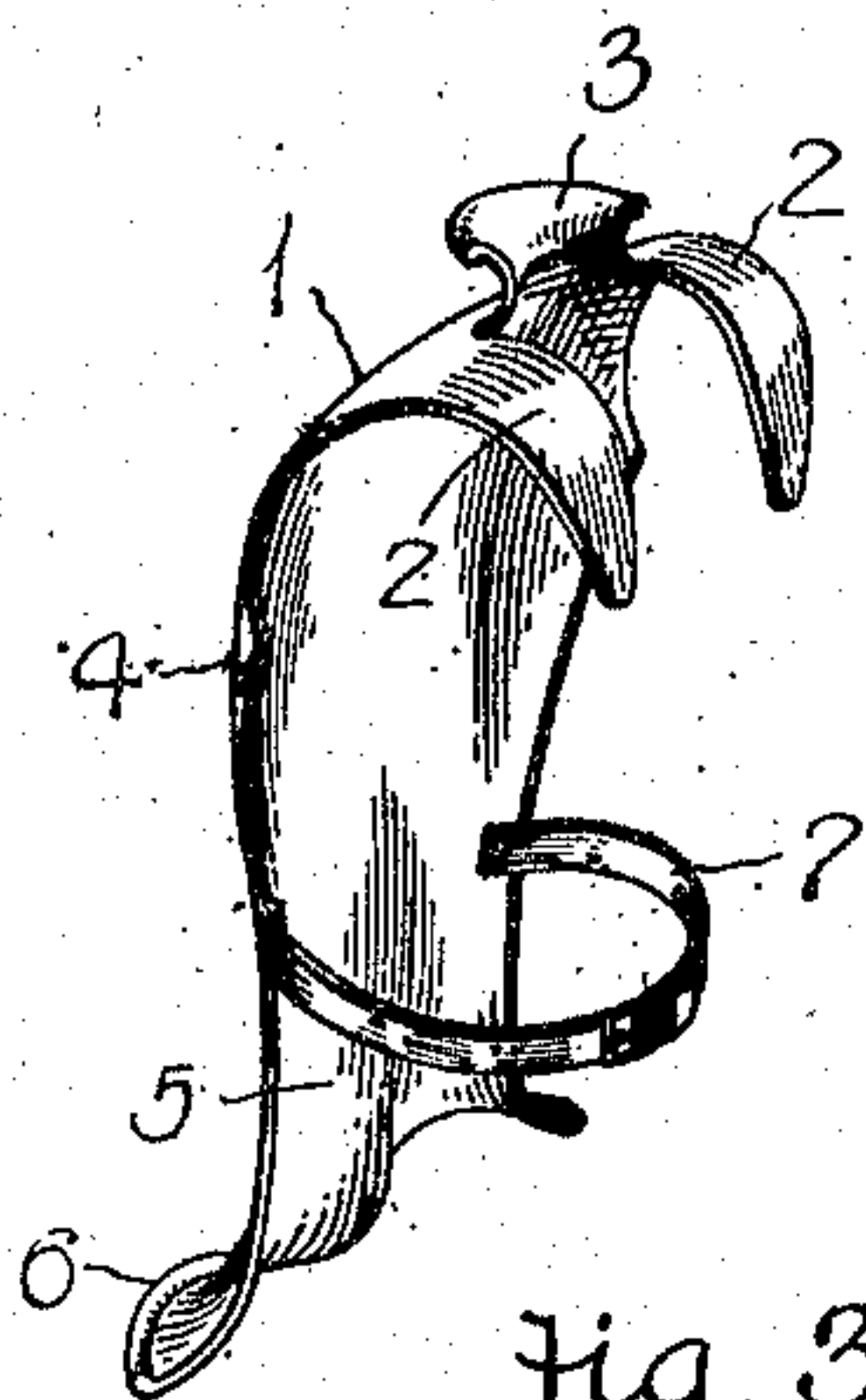


Fig. 3.

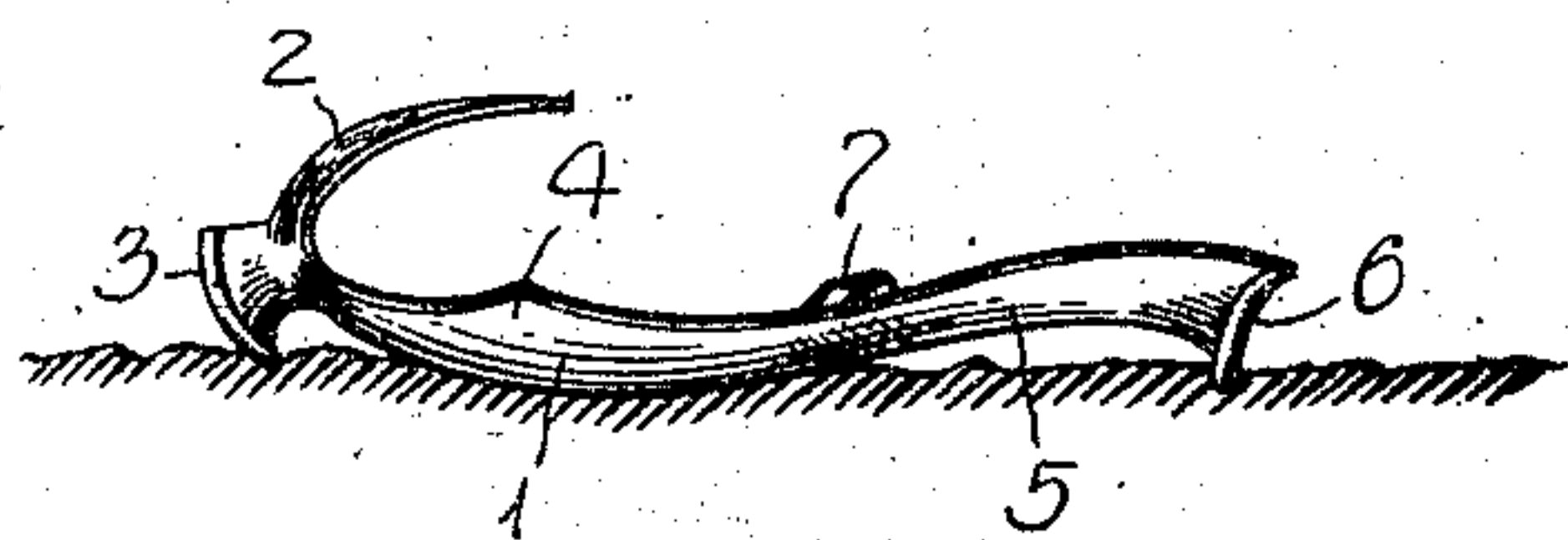


Fig. 5.

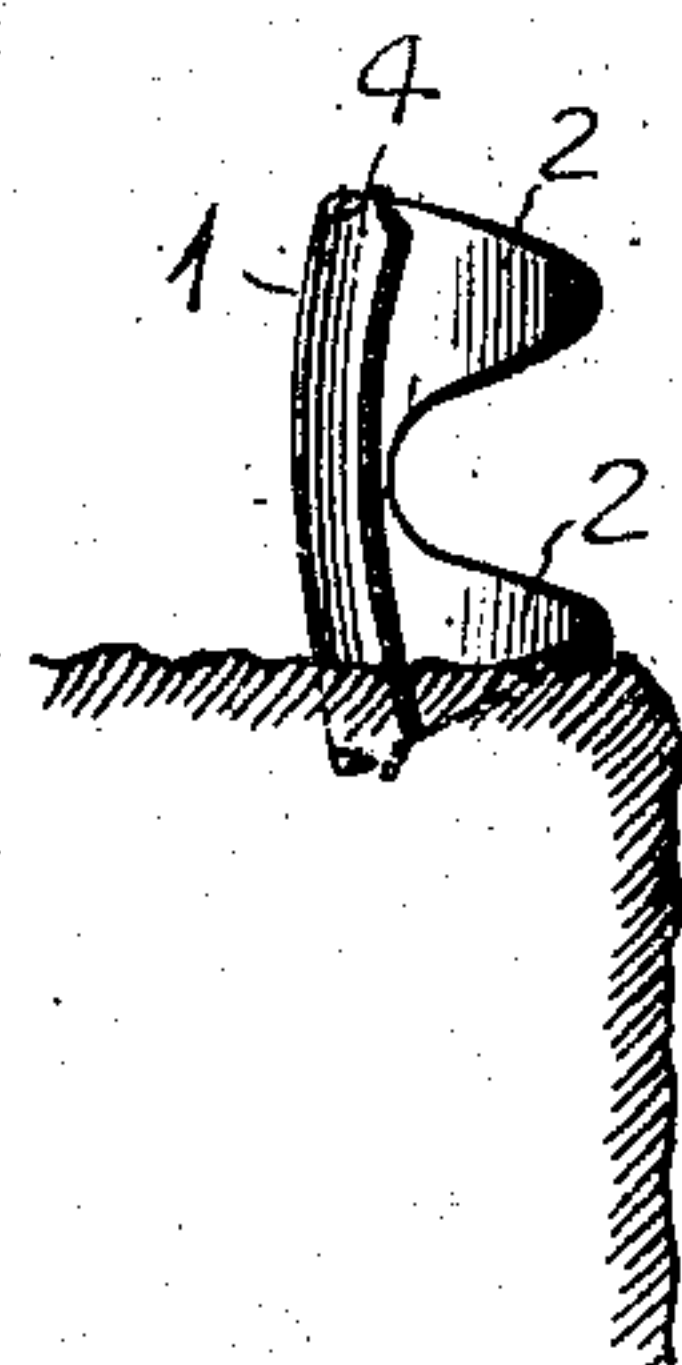


Fig. 6.

Witnesses

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UNITED STATES PATENT OFFICE.

WAKEMAN BRADLEY, OF DETROIT, MICHIGAN.

ARMOR.

1,154,689.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WAKEMAN BRADLEY, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Armor, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to an armor which will afford protection to soldiers and aviators by protecting and shielding the greater part of the body.

15 The object of my invention is to provide a body armor or shield that can be comfortably worn by a soldier, when charging, retreating or lying upon damp ground, the armor being non-penetrable by an ordinary bullet or bayonet thrust besides serving 20 functionally as a shield in front of a trench.

25 The above and many other objects are attained by a mechanical construction that will be hereinafter described and then claimed, and reference will now be had to the drawings, wherein—

30 Figure 1 is a front elevation of a body armor as worn by a soldier; Fig. 2 shows the armor as worn on the back of a soldier; Fig. 3 is a perspective view of the body armor; Fig. 4 is a vertical sectional view of the same; Fig. 5 is a side elevation of the 35 body armor on the ground, and in position to protect the back of a soldier against dampness; Fig. 6 is a cross sectional view of the armor in position as a shield at the edge of a trench.

40 In the construction of the body armor, the best of light and durable steel or similar metal is used of sufficient thickness to prevent penetration by bullets, bayonets, spears or other missiles or hand manipulated implements of war.

45 The body armor comprises a chest protector 1 having shoulder straps 2, a neck portion 3, arm pit portions 4, a stomach portion 5, and leg pieces 6. The chest pro-

50 tector 1 covers the entire chest portion of a body and the arm pit portions 4 are adapted to extend underneath the arms. The shoulder straps 2 fit comfortably over the shoulders from which the armor is suspended, and these shoulder straps permit of the armor being worn upon the front of the body when charging and transferred to the back of the body when retreating. The 55 neck portion 3 protects the front or back of the neck according to the way the armor is worn, and the leg pieces 6 are bent outwardly and rounded whereby a soldier can easily walk or run when wearing the armor. 60

Coöperating with the shoulder straps 2 in preventing accidental displacement of the armor is a belt or strap 7 adapted to be buckled around the waist of a body when the armor is worn upon the front or back of the 65 body. The shape of the armor is such that it can be used for various purposes, two of which have been illustrated in Figs. 5 and 6.

What I claim is:—

70 A body armor comprising a one-piece metallic chest protector having integral shoulder straps for suspending said armor from the shoulders upon the chest or back of the body, a neck portion at the upper edge of the chest protector and between the shoulder 75 straps thereof and adapted to protect the neck, armpit portions at the side edges of said chest protector, a stomach portion below said chest protector, upwardly bent and rounded leg pieces at the lower edge of said 80 stomach portion, and straps carried by the side edges of the stomach portion and adapted to be buckled around the body to coöperate with said shoulder straps in retaining the armor on the body. 85

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

WAKEMAN BRADLEY.

Witnesses:

KARL H. BUTLER,
ANNA M. DORR.