

(No Model.)

J. R. FARRELL.
SHOULDER KNOT.

No. 487,698.

Patented Dec. 6, 1892.

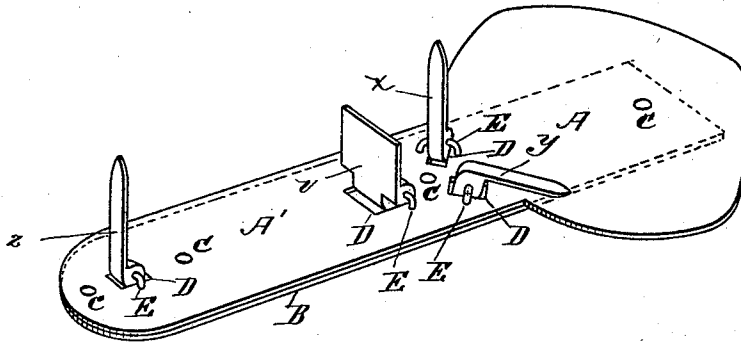


FIG. 1.

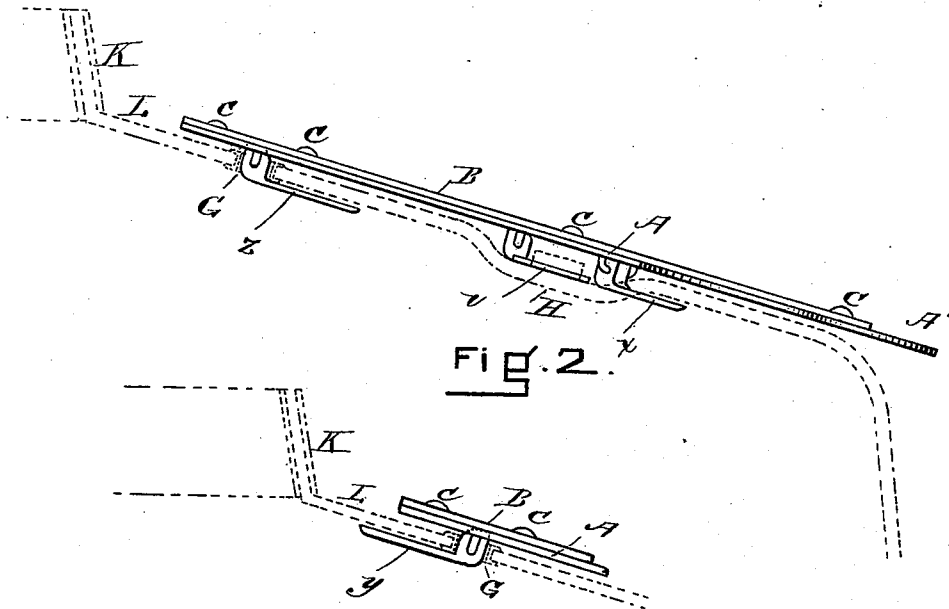


FIG. 2.

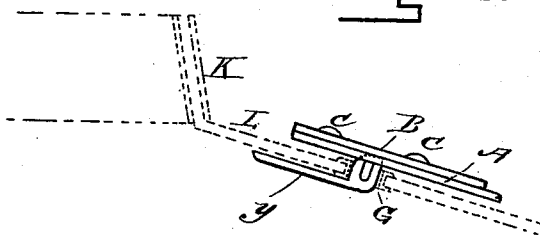


FIG. 3.

WITNESSES

J. M. Dolan
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John R. Farrell
by his attorney
Charles W. Johnson

UNITED STATES PATENT OFFICE.

JOHN R. FARRELL, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO JOHN A. FARRELL, OF SAME PLACE.

SHOULDER-KNOT.

SPECIFICATION forming part of Letters Patent No. 487,698, dated December 6, 1892.

Application filed March 14, 1892. Serial No. 424,916. (No specimens.)

To all whom it may concern:

Be it known that I, JOHN R. FARRELL, a citizen of the United States, residing at Boston, in the county of Suffolk, State of Massachusetts, have invented a new and useful Improvement in Shoulder-Knots, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

In the drawings, Figure 1 is a perspective view of my improved blank. Fig. 2 is a side elevation of the same in position upon the coat. Fig. 3 is a side elevation of a modification of the same.

Like letters indicate like parts in all the figures.

Shoulder-knots as now worn in the United States Army are prepared upon a foundation usually made of sheet-brass or sheet-tin and covered first with cloth and then trimmed with the braid prescribed by regulation. They are usually attached in the same manner in which epaulettes were formerly attached—namely, by means of a metallic strap hinged at or near the pad, which passes through a metallic staple riveted to the coat and extending up to the neighborhood of the collar, at which place a spring hook, which engages with another staple, passes through the said hinged metallic strap and fastens the upper part of the shoulder-knot to the second staple referred to.

In the present contrivance the method of fastening is greatly simplified. I make the blank for shoulder-straps, as shown in Fig. 1, of a metallic blank, which has a strap part A' and a pad part A. To this is riveted a metallic strip B, which is of even width or nearly even width throughout. The rivets which fasten the same together are marked in the drawings C. Holes are cut in the strap part of the shoulder-knot form, as shown at D, and staples (shown at E) are provided, fastened to the strap part A', on which staples hinged tongues *x y z* are mounted. Two of these hinged tongues *x* and *y* are placed adjacent to the pad portion of the blank, and the third *z* is adjacent to the end of the strap portion of the shoulder-knot blank most distant from the pad portion. These tongues

have a blade and butt portion, said butt portion being perforated from side to side for the passage of the staple E, on which the tongue is pivoted, and the butt is formed on a side parallel to the blade and on a side transverse to the blade with flat surfaces separated from each other by an angle more remote from the pivot-hole through which the staple E passes than the distance of the flat surface of either of the planes of the butt, in order that the spring-tongue may remain fixed in one or another position, and these surfaces rest alternately upon a spring which is formed in the illustration by the reinforcing member of the shoulder-blank—that is to say, by the metallic strip B'. This reinforcing-strip B forms in the illustration the spring to hold these tongues in position. The tongue *z* may be folded in either direction, as shown in the drawings, Figs. 2 and 3. I prefer, when used on thin cloth, to have the blade of said tongue *z* folded toward the collar of the coat. These tongues are intended to pass through eyelet-holes in the cloth of the shoulder of the coat, and eyelets for this purpose of the ordinary sort (represented in the drawings, Fig. 2 at G) are set in the coat at places adapted to engage the tongues. If comparatively-heavy sheet-brass of spring-temper is used, the reinforcing-strip B can be dispensed with, and instead of cutting the material completely out of the slots D in the shoulder-knot blank A A' the metal would be cut either on two sides, or in case of very heavy stiff metal on three sides, leaving a spring tongue or leaf. I should prefer, however, not to cut the member in a single-piece blank on more than two sides. A tongue *v* of different shape is provided within the center of the strap part A of the blank in order to engage the aiguillette, in case one is worn. This tongue is mounted on a staple E in a similar manner to that described in connection with tongues *x*, *y*, and *z*, the perforated butt of said tongue *v* passing through a recess D in the strap of the shoulder-knot.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination, with a shoulder-knot blank, of the hinged spring-tongues *x y*, lo-

cated and arranged near the outer end of the strap part of a shoulder-knot blank, in combination with said shoulder-knot blank and of the folding spring-tongue *z*, located and
5 arranged near the inner end of the same strap part of the same shoulder-knot blank, in combination with said shoulder-knot blank, which said spring-tongues *x y z* are adapted to engage with eyelet-holes in the cloth of the
10 shoulder of a uniform-coat, substantially as and for the purposes described.

2. The combination, with a shoulder-knot blank, of the spring-tongue *v*, located and arranged on the strap portion of the portion
15 of the shoulder-blank between the outer end of the shoulder-knot blank and the inner end of the strap portion of the shoulder-knot

blank, substantially as and for the purposes described.

3. The combination, with a coat provided 20 with eyelet-holes *G*, of a shoulder-knot blank provided upon its strap portion with the folding spring-tongues *x y*, located near the outer end of the strap portion of the shoulder-knot blank, with the folding spring-tongue *z*, lo- 25 cated near the inner end of the strap portion of the shoulder-knot blank and with the folding spring-tongue *v*, substantially as and for the purposes described.

JOHN R. FARRELL.

Witnesses:

THOS. WM. CLARKE,
J. M. DOLAN.