

129,082

PATENT



SPECIFICATION

*Application Date, June 28, 1918. No. 10,647/18.*

*Complete Left, Nov. 6, 1918.*

*Complete Accepted, June 30, 1918.*

PROVISIONAL SPECIFICATION.

**Improvements in or relating to Military Equipments.**

We, THE MILLS EQUIPMENT COMPANY LIMITED, Manufacturers, & ALBERT ALEXANDER LETHERN, Designer, all of 56, Victoria Street, London, S.W., England, do hereby declare the nature of this invention to be as follows:—

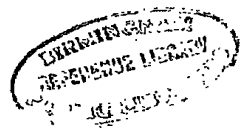
5 This invention relates to military equipments and has for its object to provide a device which is adapted to facilitate the suspension and carrying of a rifle or other article which it is desired to sling on the wearer of the equipment.

10 According to this invention a tag is provided for use with an equipment of the type in which independent crossed brace members are connected to a belt and this tag comprises a slotted or other metal member adapted to engage a stud or the like on the sling of a rifle or other article and means for attaching the tag to the pendant end of a brace member. The tag is formed of a short strip of woven or other suitable material on one end of which is a buckle adapted to be engaged by the end of a brace member while on the other end of the strip is the slotted metal member.

15 The tag is more particularly intended for use with an equipment such as that described in the Specification of the present Applicants' prior British Patent No. 108,167 and is designed to equally distribute the weight of the rifle or other article carried and to relieve any pressure on the chest of the sling or supporting strap. The slotted metal member on the tag is mainly formed to engage 20 the stud which is provided on a rifle sling constructed in accordance with the Specification of the present Applicants' prior British Patent No. 107,406. It is to be understood however that this tag may be employed with other types of military equipment which comprise a belt to which are connected independent crossed brace members and the tag may be used in the suspension of other articles 25 than rifles.

30 In the preferred application of the invention the tag is connected by its buckle to the end of the brace member which hangs below the belt on the right hand side of the wearer. When the rifle is to be slung and this rifle is provided with a sling as described in the above mentioned prior British Patent Specification No. 107,406 the sling is passed across the chest of the wearer and the strip which is pendant from that end of the sling which lies towards the muzzle of the rifle is connected to the stud provided on the upper part of the left hand cartridge carrier in the manner described in the above mentioned prior British Patent Specification No. 108,167. The butt end of the rifle is then brought 35 round under the right arm and the slotted metal piece on the tag is engaged

[Price 6d.]



with the stud which is provided on the sling at that end of the rifle. In this way the weight of the rifle is divided and the suspension thereof effected between the crossed brace members and a certain balancing is obtained between the rifle and the other weights carried by the equipment such as the cartridges in the carriers and the knapsack or haversack. It will be apparent that while this tag adds no appreciable weight to the equipment it enables the weight of the rifle to be more evenly distributed relieving any pressure of the sling on the chest and moreover it is possible to readily disengage the rifle and unsling it for use. 5

The detail formation of the tag may vary in accordance with the particular use to which it is to be put. Thus the length of the flexible strip may be increased or may be adjustable by means of a buckle of suitable construction. Again the shape of the metal piece may be modified as also the slot therein or a clip or other form of hook may be substituted therefor if the tag is to be used with other forms of rifle sling or article. It will be understood that the tag may be attached by its buckle to other pendant strips or parts of the equipment if it is desired to use it for the suspension of any article or the attachment of such article to the equipment. 15

Dated this 28th day of June, 1918.

KILBURN & STRODE, 20.  
Agents for the Applicants.

### COMPLETE SPECIFICATION.

#### Improvements in or relating to Military Equipments.

We, THE MILLS EQUIPMENT COMPANY LIMITED, Manufacturers, and ALBERT ALEXANDER LETHERN, Designer, all of 56, Victoria Street, London, S.W., do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:— 25

This invention relates to military equipments and has for its object to provide a device which is adapted to facilitate the suspension and carrying of a rifle or other article which it is desired to sling on the wearer of the equipment. 30

According to this invention a tag is provided for use with an equipment of the type in which independent crossed brace members are connected to a belt and this tag comprises a slotted metal member adapted to engage a stud or the like on the sling of a rifle or other rigid article and means for attaching the tag to the pendant end of a brace member or to some other pendant strip or part of the equipment. The tag is formed of a short strip of woven or other suitable material on one end of which is a buckle adapted to be engaged by the end of a brace member while on the other end of the strip is the slotted metal member. 35

The tag is more particularly intended for use with an equipment such as that described in the Specification of the present Applicants' prior British Patent No. 108,167 and is designed to equally distribute the weight of the rifle or other rigid article or load slung across the wearer and to relieve any pressure on the chest due to the sling or supporting strap. The slotted metal member on the tag is mainly formed to engage the stud which is provided on a rifle sling constructed in accordance with the Specification of the present Applicant's prior British Patent No. 107,406. It is to be understood however that this tag may be employed with other types of military equipment which comprise a belt to which are connected independent crossed brace members and the tag may be 40 45

used in the suspension of other articles than rifles which are slung across the wearer.

In the preferred application of the invention the tag is connected by its buckle to the end of the brace member which hangs below the belt on the right hand side of the wearer. When the rifle is to be slung and this rifle is provided with a sling as described in the above mentioned prior British Patent Specification No. 107,406 the sling is passed across the chest of the wearer and the strip which is pendant from that end of the sling which lies towards the muzzle of the rifle is connected to the stud provided on the upper part of the left hand cartridge carrier in the manner described in the above mentioned prior British Patent Specification No. 108,167. The butt end of the rifle is then brought round under the right arm and the slotted metal piece on the tag is engaged with the stud which is provided on the sling at that end of the rifle. In this way the weight of the rifle is divided and the suspension thereof effected between the crossed brace members and a certain balancing is obtained between the rifle and the other weights carried by the equipment such as the cartridges in the carriers and the knapsack or haversack. It will be apparent that while this tag adds no appreciable weight to the equipment it enables the weight of the rifle to be more evenly distributed so as to relieve any pressure of the sling on the chest and yet it is possible to readily disengage the rifle and unsling it for use.

The detail formation of the tag may vary in accordance with the particular use to which it is to be put. Thus the length of the flexible strip may be increased or may be adjustable by means of a buckle of suitable construction. Again the shape of the metal piece may be modified as also the slot therein if the tag is to be used with other forms or rifle sling or article. It will be understood that the tag may be attached by its buckle to other pendant strips or parts of the equipment if it is desired to use it for the suspension of any article or the attachment of such article to the equipment.

The accompanying drawings illustrate the invention and the manner of its use. In these drawings—

Figure 1 shows the present improvement as used in an equipment and with a rifle sling of the type indicated.

Figure 2 is a perspective view of the tag.

Figure 3 is a similar view of an alternative arrangement of the stud on the rifle sling.

Like letters indicate like parts throughout the drawings.

The tag as shown in Figure 2 is made up of a strip of woven or other flexible material A to one end of which is attached a metal piece B in which is a keyhole slot B<sup>1</sup>. The other end of the strip A is fastened to a slide or friction buckle C. This buckle is adapted to be engaged, as shown in Figure 1 by the pendant end D of one of the shoulder straps or braces D<sup>1</sup> of the main equipment. Alternatively the buckle may be engaged with some other pendant strap with which the equipment may be provided.

The rifle sling shown in Figure 1 is constructed as described in the Specification of the prior British Patent No. 107,406 previously referred to. The sling comprises a main part E the ends of which pass through the swivel eyes F and G on the rifle. These end portions of the sling are doubled back on the main portion and pass through sliding loops and at that end of the sling which lies towards the muzzle of the rifle and which forms a pendant strip E<sup>1</sup> is mounted a metal piece E<sup>2</sup> having in it a keyhole slot which is adapted to engage a stud H carried by some part of the equipment above one of the cartridge carriers as shown. The other end E<sup>3</sup> of the sling which has been passed through the swivel F on the rifle butt is provided with a metal stud E<sup>4</sup> adapted to engage the keyhole slot B<sup>1</sup> in the metal piece B carried by the tag A.

When the rifle is slung across the back in the manner shown in Figure 1 the pendant end E<sup>1</sup> is engaged with the stud H on the equipment and some portion

of the weight of the rifle is balanced by the cartridge carrier on that side of the wearer. A proportion of the weight of the rifle is taken by the shoulder strap on the other side of the wearer by the engagement of the stud E<sup>4</sup> with the metal piece B on the tag A which as mentioned is carried on the lower end D of the shoulder strap D<sup>1</sup>. In this way the weight of the rifle is distributed 5 between the shoulder straps of the equipment and a balancing is effected of the weights while the main part of the sling E which passes across the chest is left slack.

Since the pull on the end E<sup>3</sup> of the rifle sling when the stud E<sup>4</sup> is in engagement with the tag member B may cause the end of the sling to slip in the loops 10 through which this part of the sling passes from the swivel F when doubled back on itself, the arrangement shown in Figure 3 may in some cases be adopted. Here a sliding buckle E<sup>5</sup> is provided and the stud E<sup>4</sup> is formed or mounted on this buckle in place of on the end of the rifle sling. The main part E of the sling is passed through this buckle as also the end portion E<sup>3</sup> 15 after running through the swivel F in the manner indicated in the figure. The buckle prevents any slip from occurring.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:— 20

1. In a military equipment the combination with a belt and independent crossed brace members connected thereto, of a tag comprising a slotted metal member adapted to engage a stud or the like on the sling of a rifle or other rigid article which is to be slung across the wearer of the equipment, and means for attaching the tag to the pendant end of a brace member, or to some 25 other pendant strip or part of the equipment.
2. In a military equipment the combination with a belt and independent crossed brace members connected thereto, of a tag comprising a short strip of woven or other material on one end of which is a buckle adapted to be engaged by the pendant end of a brace member or some other pendant strip or part of 30 the equipment while on the other end is a slotted metal member adapted to engage a stud or the like on the sling of a rifle or other rigid article which is to be slung across the wearer of the equipment.
3. A tag for use with a military equipment in the manner and for the purpose described and illustrated in the accompanying drawings. 35

Dated this 6th day of November, 1918.

KILBURN & STRODE,  
Agents for the Applicants.

**ERRATUM.**

**SPECIFICATION No. 129,082.**

Page 3, line 26, for " or " read " of."

PATENT OFFICE,

*Sept. 2nd, 1919.*

[This Drawing is a reproduction of the Original on a reduced scale.]

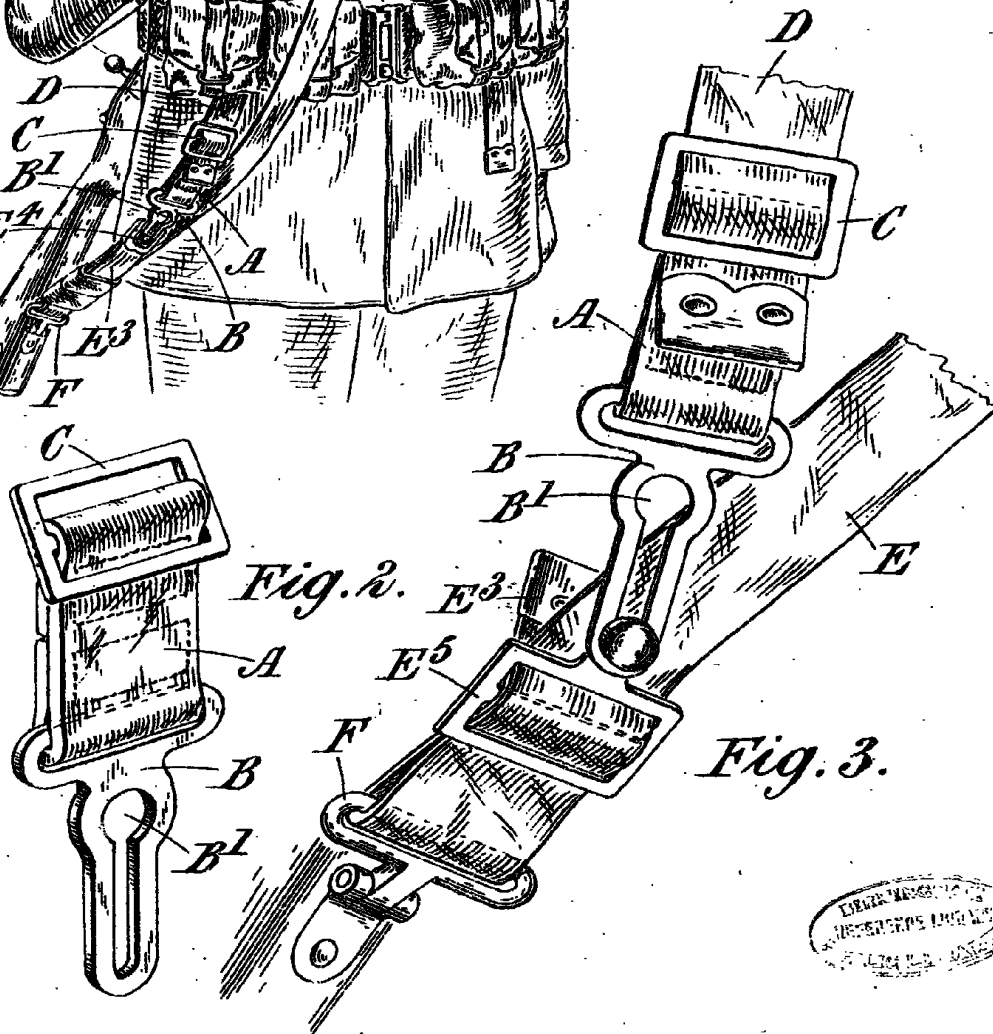
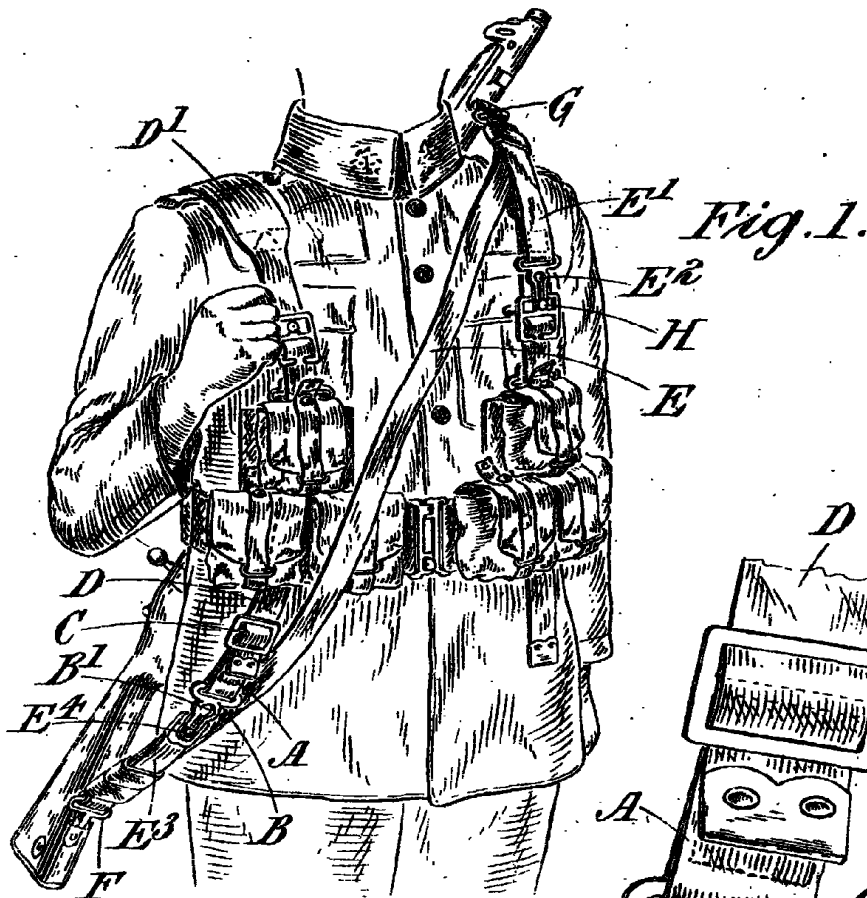


Fig. 3.

