

N^o 22,130



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Complete Specification Left, 6th Mar., 1912—Accepted, 3rd Oct., 1912

PROVISIONAL SPECIFICATION.

Improvements in or relating to Military Equipments.

We, the Honourable ARTHUR JEX DAVEY, Gentleman, and THE MILLS EQUIPMENT COMPANY LIMITED, Manufacturers, both of 72, Victoria Street, Westminster, London, S.W., do hereby declare the nature of this invention to be as follows:—

- 5 This invention relates to military equipments of the type described in the prior British Patent Specification No. 7797 of 1910, wherein the front portions of the sling members, which have their ends cross-connected to the haversack and water bottle carrier, are attached to the front portions of the waist-belt through short sling-extension members. Hitherto in the case of the ordinary
10 equipment, intended to carry rifle ammunition, the front portions of the sling members have been directly connected to the backing of the cartridge carriers and through them to the belt. Alternatively, in the case of an officer's equipment, a small pocket for revolver ammunition mounted above the revolver
15 holster or field glass case, has been detachably connected to the sling-extension member by C-shaped fingers adapted to engage the edges thereof or in some such manner. This arrangement, though satisfactory for small carriers such as those intended for revolver ammunition, was unsuitable for connecting the larger pockets forming part of an ordinary equipment and intended to carry considerably more ammunition of a heavier type. The object of the present
20 invention is therefore to improve the means of connection between the cartridge carriers and sling members and at the same time provide an arrangement which enables the carriers to be readily detached, so that the remaining parts of the equipment can be worn without them if desired.

- According to this invention a loop of flexible material is attached to or
25 formed on the backing of the cartridge carrier near the upper edge thereof through which the sling-extension member is passed, and a ring is provided in the length of the sling-extension member near its upper end, the width of the ring enabling the sling member to be passed through it. The position of the ring with relation to the strip on the carrier is such, that the sling member
30 serves to bind the carrier to the sling-extension member by a bight of the main sling member being passed through the ring from the front, and round the flexible strip, and being then led through the ring again and carried down between the backing of the cartridge carrier and the front of the sling-extension member.

- 35 The provision of the ring further enables the rearwardly extending diagonal strap, employed to support the base of the knapsack, to be connected in a detachable manner and obviates the provision of a separate attaching eye which has hitherto been necessary when this strap has been formed detachable.

- One form of equipment constructed in accordance with this invention is
40 described hereafter by way of example:—

The equipment comprises a waist-belt and sling members connected to the waist-belt at the back and adapted to have their ends cross-connected to the

[Price 8d.]



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haversack and water bottle carrier in the known manner. The front portions of the sling members are connected to the waist-belt by means of sling-extension members, the lower ends of which in the present instance are connected to the waist-belt by having a loop formed on them through which the belt is passed. The lower end of the sling-extension member may have a slide or flattened eye connected to it which embraces the main portion of the sling-extension member and so constitutes the loop above described, or a C-shaped member may be employed instead of the slide, if desired. At its upper end the sling-extension member has a buckle, which is preferably of the known slide type, and a ring or eye, which is preferably of elliptical shape, is provided in the sling-extension member near its upper end. The width of the ring is such that the sling member can be passed through it, and by forming this ring of elliptical or substantially circular shape a certain amount of play is given to the sling member relatively to the belt.

The cartridge carriers, as is usual, comprise two superimposed groups of pockets formed on a united backing. The lower row or group of pockets is adapted to engage the waist-belt in the usual manner and a strip or loop of flexible material is attached to the backing of the upper row of pockets near the upper edge thereof through which the sling extension member is passed. The position of the ring in the sling-extension member is such with relation to the strip on the carrier, that this strip lies across the horizontal axis of the ring when the carrier is in position. This enables the end of the sling member, after engaging the buckle or slide on the upper end of the sling-extension member, to be passed through the ring from the front above the flexible strip, then round the latter strip, and finally to be led through the ring again and carried down between the backing of the carrier and the front of the sling-extension member, thus securely binding the carrier to the sling member. This arrangement, while firmly uniting the carrier to the sling member, does not form any projection on the rear surface thereof and therefore does not cause any discomfort to the wearer.

A further advantage results from the employment of the ring in the sling-extension member since the buckle or slide, by which the sling member is connected to the sling-extension member, can be made to lie on the outer surface of the equipment and not against the wearer's body as in previous arrangements.

The rearwardly extending strap which supports the base of the knapsack when this is carried is connected in a detachable manner to the sling-extension member by being passed through the rear end of the elliptical ring. Preferably a buckle or slide is formed on one end of the rearwardly extending strap which is threaded through the ring and through which the other end of the strap is passed and pulled tight. In this way the strap is connected to the sling-extension member and it may be connected to the waist-belt by being passed through a buckle or slide secured to the inner face thereof or in some other known convenient manner.

The equipment above described is composed of woven material, the pockets which constitute the cartridge carriers being preferably formed in one with their backings in the usual manner. It will be appreciated that the method of connecting the lower end of the sling-extension member to the belt may vary, and that the lower ends of the sling members, after passing through the ring in the extension member, are connected to the haversack and water bottle carrier whether the cartridge carriers are worn or not.

Further, the particular shape of the ring or its equivalent through which the sling member is passed may vary as is found convenient without departing from this invention.

Dated this 7th day of October, 1911.

B. E. DUNBAR KILBURN,
Agent for the Applicants.

Improvements in or relating to Military Equipments.

COMPLETE SPECIFICATION.

Improvements in or relating to Military Equipments.

We, the Honourable ARTHUR JEX DAVEY, Gentleman, and THE MILLS EQUIPMENT COMPANY LIMITED, Manufacturers, both of 72, Victoria Street, Westminster, London, 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:—

This invention relates to military equipments of the type described in the prior British Patent Specification No. 7797 of 1910, wherein the front portions of the sling members, which have their ends cross-connected to the haversack and water bottle carrier, are attached to the front portions of the waist-belt through short sling-extension members. Hitherto in the case of the ordinary equipment, intended to carry rifle ammunition, the front portions of the sling members have been directly connected to the backing of the cartridge carriers and through them to the belt. Alternatively, in the case of an officer's equipment, a small pocket for revolver ammunition mounted above the revolver holster or field glass case, has been detachably connected to the sling-extension member by C-shaped fingers adapted to engage the edges thereof or in some such manner. This arrangement, though satisfactory for small carriers such as those intended for revolver ammunition, was unsuitable for connecting the larger pockets forming part of an ordinary equipment and intended to carry considerably more ammunition of a heavier type. The object of the present invention is therefore to improve the means of connection between the cartridge carriers and sling members, and at the same time provide an arrangement which enables the carriers to be readily detached, so that the remaining parts of the equipment can be worn without them if desired.

According to this invention a loop of flexible material is attached to, or formed on, the backing of the cartridge carrier near the upper edge thereof through which the sling-extension member is passed, and a ring is provided in the length of the sling-extension member near its upper end, the width of the ring enabling the sling member to be passed through it. The position of the ring with relation to the loop or strip on the carrier is such, that the sling member serves to bind the carrier to the sling-extension member by a bight of the main sling member being passed through the ring from the front, and round the flexible strip, and being then led through the ring again and carried down between the backing of the cartridge carrier and the front of the sling-extension member.

The provision of the ring further enables the rearwardly extending diagonal strap, employed to support the base of the knapsack, to be connected in a detachable manner and obviates the provision of a separate attaching eye which has hitherto been necessary when this strap has been formed detachable.

One form of equipment constructed in accordance with this invention is illustrated by way of example in the accompanying drawings in which,

Figure 1 shows a front view of the equipment,

Figure 2 is a front elevation of the sling-extension member,

Figure 3 is a front elevation on an enlarged scale of the preferred form of slide employed to connect the sling-extension member with the belt, and

Figure 4 is a vertical section through the sling-extension member.

The equipment comprises a waist-belt A and sling members B connected to the waist-belt at the back in the usual manner, these sling members having widened shoulder portions B¹ but narrow front and rear portions B. The ends

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of the sling members are cross-connected to the haversack C and water bottle carrier D in the usual manner. The front portion of each sling member is connected to the waist belt by means of a sling-extension member E (Figure 2) the lower ends of which, in the example illustrated, are connected to the waist-belt by means of a slide such as F illustrated in Figure 3. This slide is provided with an eye F¹ at its upper end through which the sling-extension member E is passed, and has long fingers F² which co-operate with a central bar F³ and short fingers F⁴ to grip the belt and in this way unite the sling-extension thereto. The construction of the slide F enables the sling-extension member to be adjusted along the belt within certain limits and further prevents the weight of ammunition in the cartridge carriers from dragging the sling-extension member away from the belt.

At its upper end the sling-extension member is provided with a buckle or slide G of the known type, this slide being of the required width to engage the front portion B of the sling-extension member and a ring H, in the construction illustrated of circular form, is provided in the sling-extension member a short distance below the slide G. The width of the ring H is such that the front portion B of the sling member can be passed through it, while its circular shape admits a certain amount of play being given to the sling member relatively to the belt.

The cartridge carriers, as is usual, comprise two super-imposed groups of pockets J formed on a united backing J¹. The lower row of pockets engages the waist-belt in the usual manner by means of C-shaped fingers and intermediate woven strips, and to the backing of the upper row of pockets near the upper edge thereof a strip of flexible material K is stitched or otherwise attached, so as to form a loop through which the sling-extension member E is passed. The position of the ring H in the sling-extension member is such with relation to the strip K that this strip lies across the horizontal axis of the ring when the carrier is in position. This enables the forward end B of the sling member, after engaging the slide G, to be passed through the ring H from the front above the flexible strip K, then round this strip and finally to be led through the ring again and carried down between the backing J¹ and the front sling-extension member E, thus securely binding the carrier to the sling member as shown in Figure 4 and on the left hand side of Figure 1. This arrangement, whilst firmly uniting the carrier to the sling member, forms no projection on the rear surface thereof and therefore causes no discomfort to the wearer.

When no ammunition is being carried in the pockets J, the sling-extension member may be passed simply through the loop K and the brace led through the ring H once only, as shown on the right hand side of Figure 1.

A further advantage results from the employment of the ring H since the slide G lies on the outer surface of the equipment and not against the wearer's body as in previous arrangements.

The rearwardly extending strap L which supports the base of the knapsack (not shown) when this is carried, is connected in a detachable manner to the sling-extension member by being passed through the rear end of the ring H. Preferably a slide L¹ on one end of the strap L is threaded through the ring, the free end of the strap L being then passed through the slide and then led rearwards through, a further slide L² connected to the belt, thus uniting the lower portion of the strap L to the belt.

Where brace members of greater width than those illustrated in the drawings are employed, the width of the ring H is correspondingly increased, this ring being then preferably of elliptical shape.

The equipment above described is composed of woven material, the pockets which constitute the cartridge carriers being preferably formed in one with their backings in the usual manner. It will be appreciated that the method of connecting the lower end of the sling-extension member to the belt may vary and that the lower ends of the sling members after passing through the ring in the extension member are connected to the haversack and water bottle carrier.

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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;—

1. For use in connection with a military equipment of the kind described, a
5 sling-extension member adapted to engage the belt having a buckle or its equivalent at its upper end to engage the main sling member and a ring formed in its length and preferably near its upper end, the width of the ring being such as to enable the main sling member to pass through it in the manner and for the purpose described.
- 10 2. In a military equipment comprising a waist-belt and sling members, the combination with a cartridge carrier having a loop formed on or attached to its rear upper edge of a sling-extension member engaging the belt and adapted to pass through the loop, and a ring in the length of the sling-extension member through which ring passes a bight of the main sling member round the loop to
15 bind the carrier to the sling-extension member as set forth.
3. In a military equipment the combination with a sling-extension member adapted to connect the main sling member to the belt of a circular or elliptical ring formed in the length of the extension member through which a bight of the main sling member is passed for the purpose described and a rearwardly extending
20 strap detachably connected to the rear part of the ring as set forth.
4. The complete military equipment having detachable cartridge carriers as described and illustrated in the accompanying drawings.

Dated this 6th. day of March, 1912.

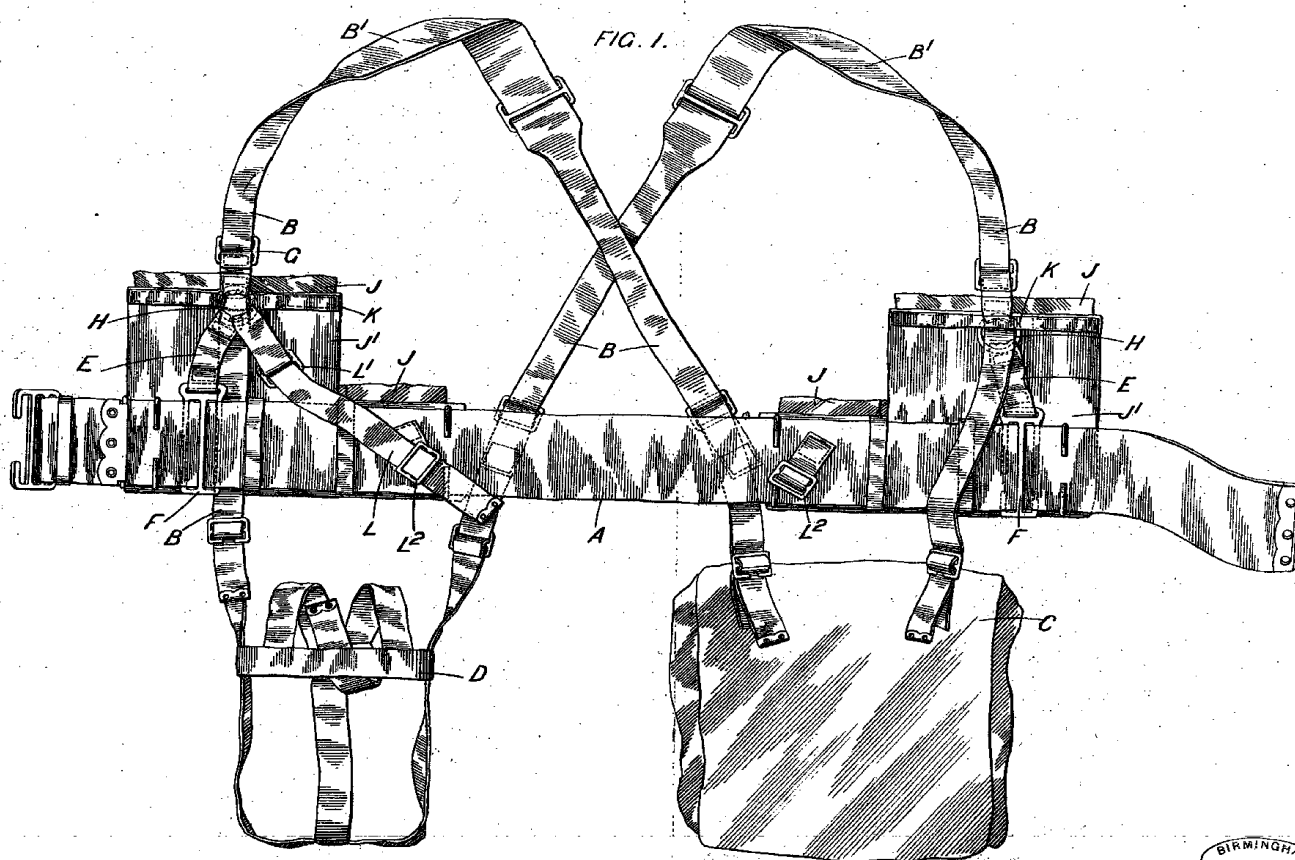
B. E. DUNBAR KILBURN,
Agent for the Applicants.

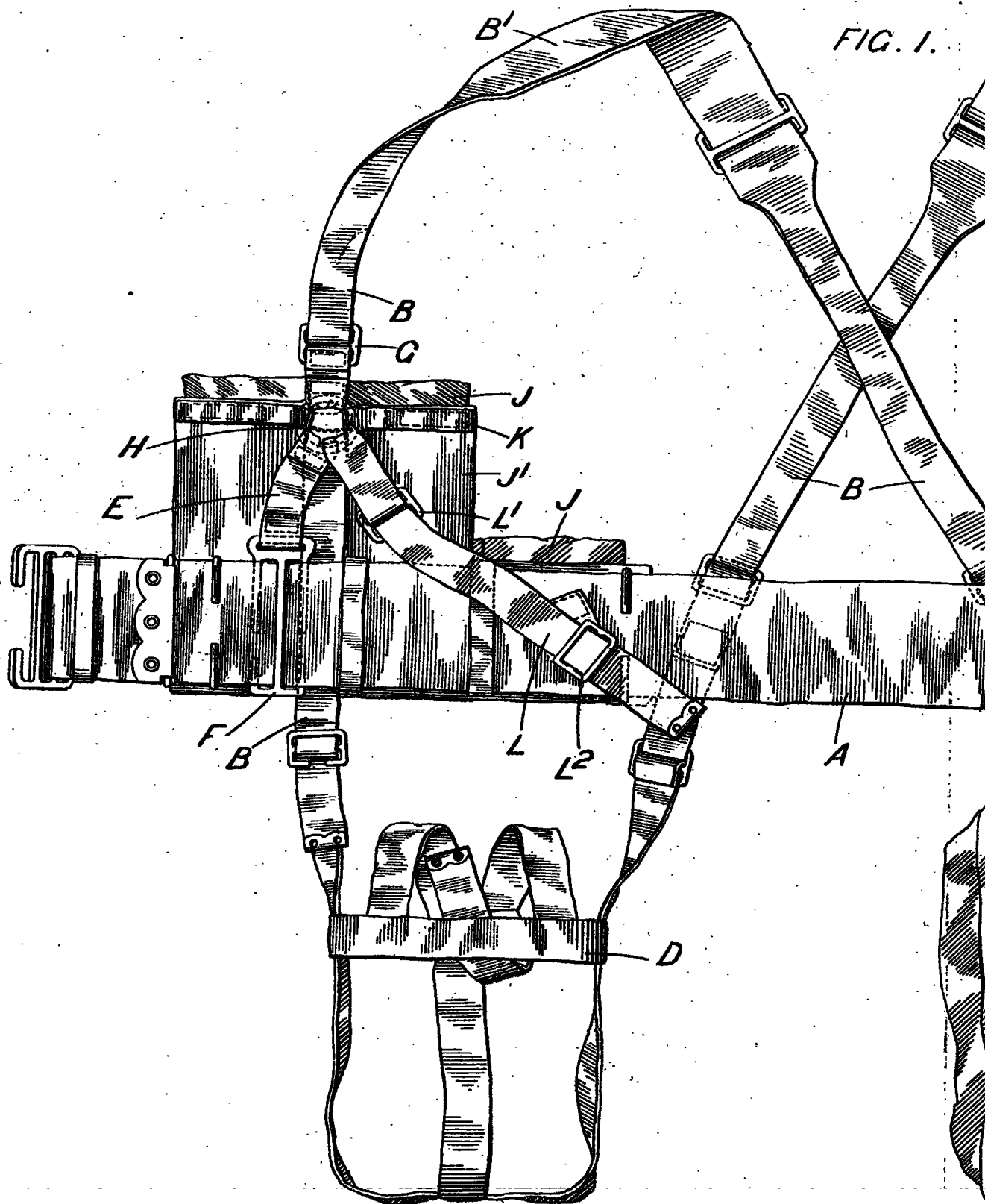
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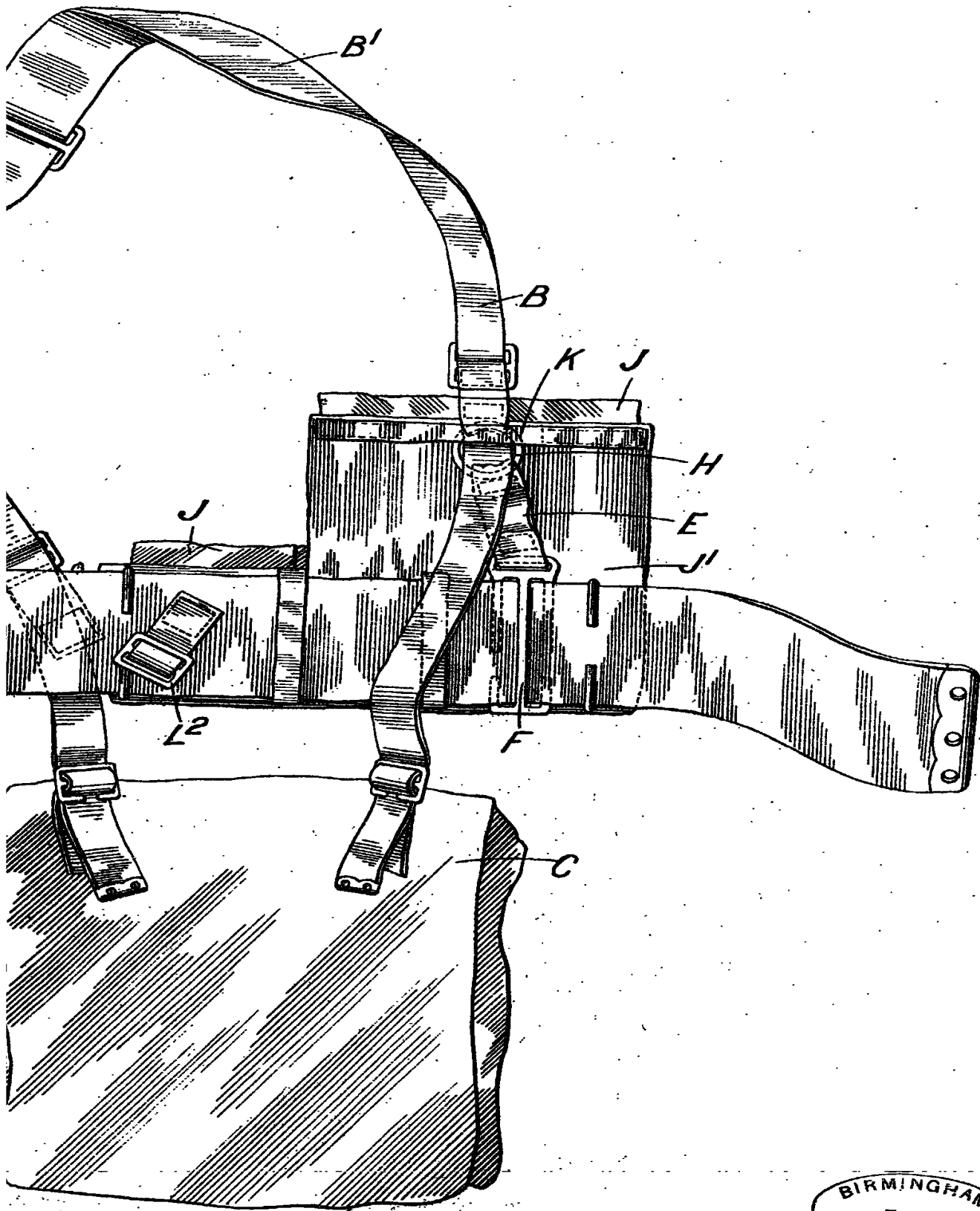
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FIG. 2.

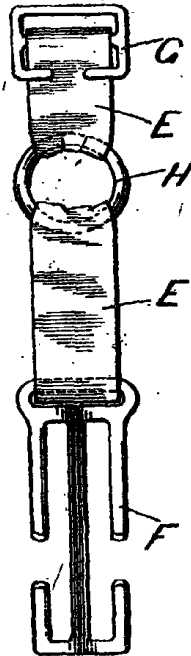
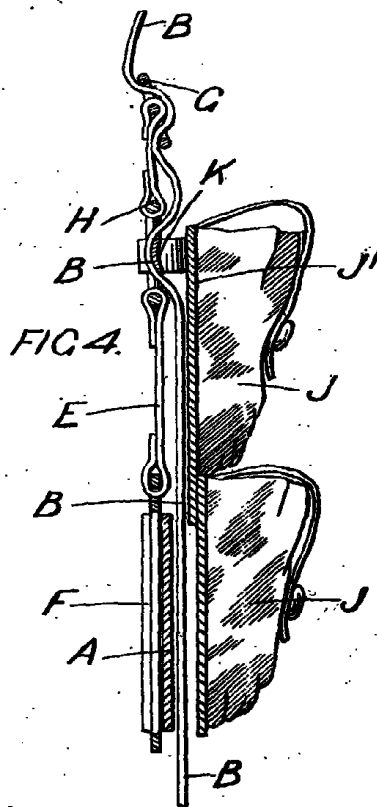
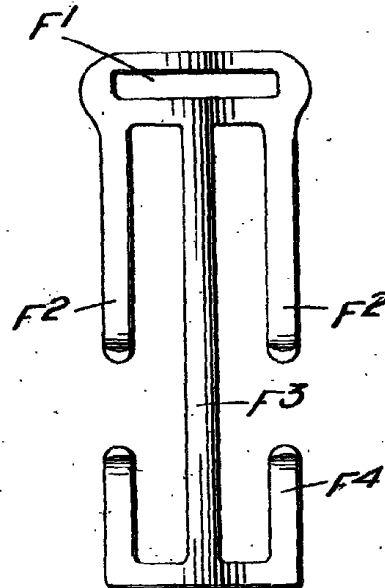


FIG. 3.



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