F. G. HIMELSPACH.

CARTRIDGE BELT.

APPLICATION FILED JUNE 26, 1916.

1,227,266.

Patented May 22, 1917.

2 SHEETS—SHEET 1.

FIG. 1.

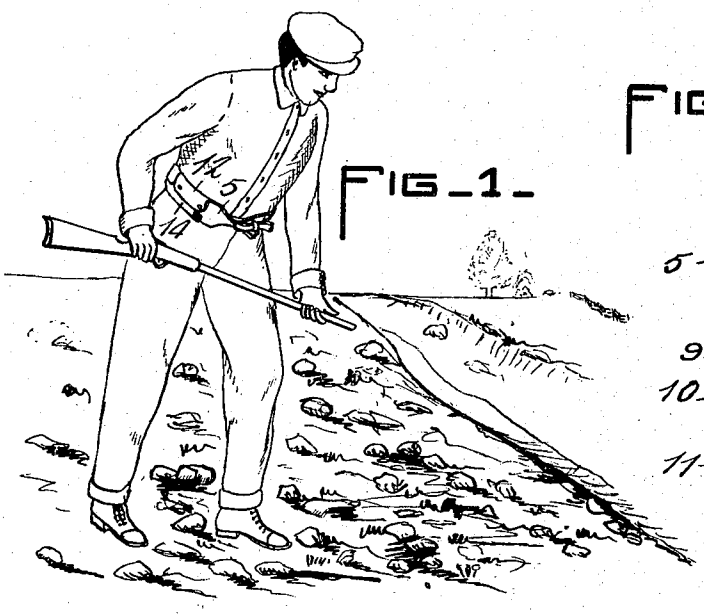


FIG. 3.

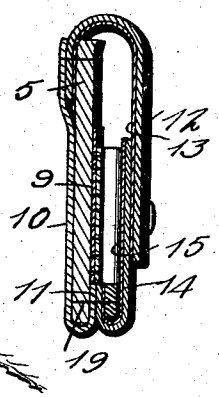
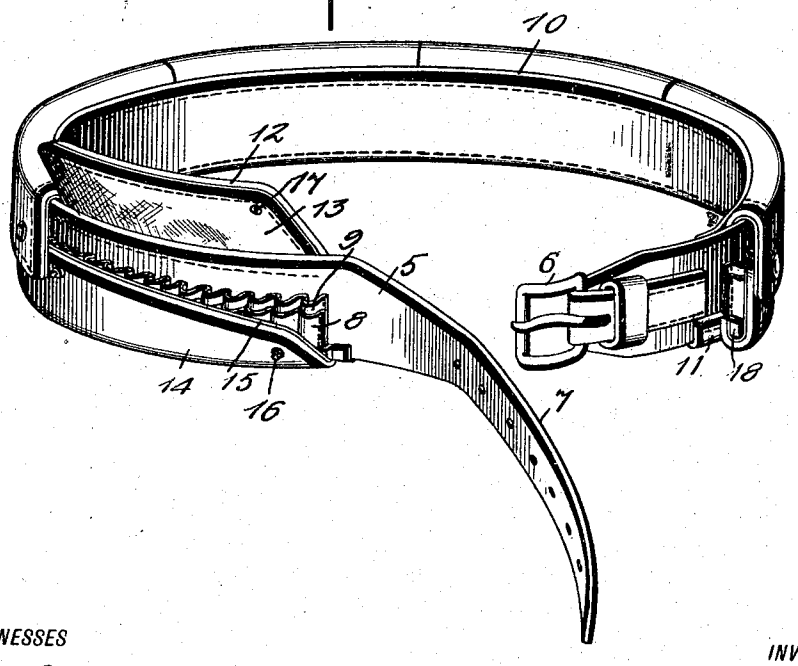


FIG. 2.



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2 SHEETS—SHEET 2.

FIG. 4.

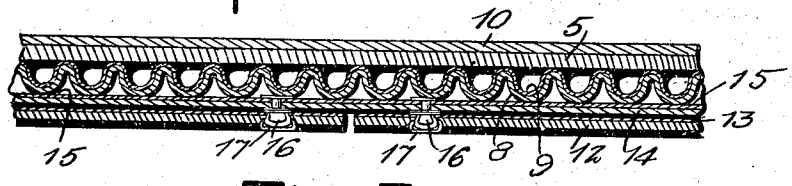


FIG. 5.

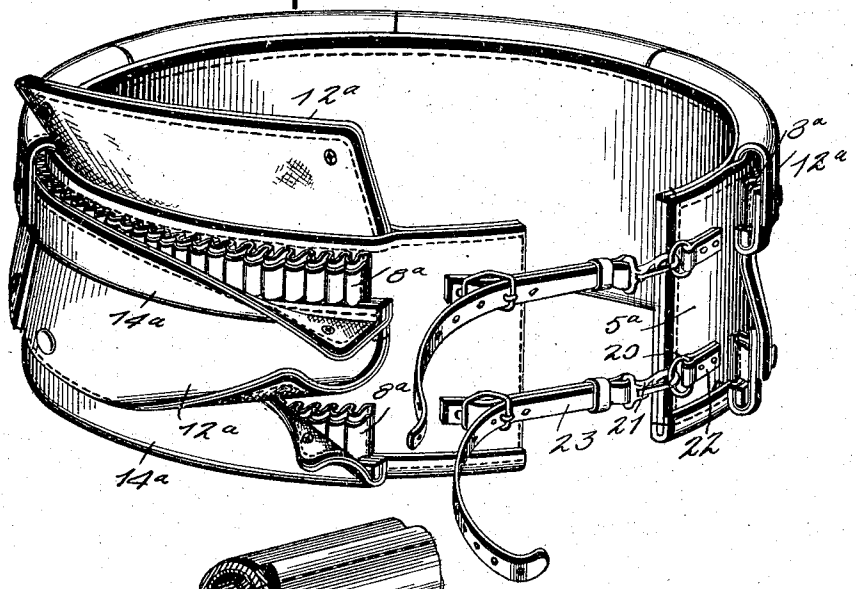
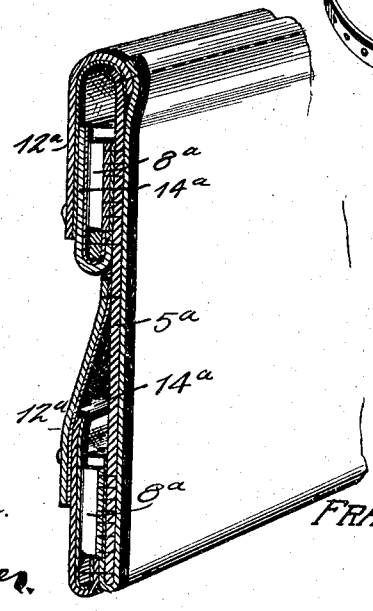


FIG. 6.



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CARTRIDGE-BELT.

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To all whom it may concern:

Be it known that I, FRANK G. HIMELSPACH, a citizen of the United States, and a resident of Trinidad, in the county of Las Animas and State of Colorado, have invented a certain new and useful Improvement in Cartridge-Belts, of which the following is a specification.

One of the principal objects of my invention is to provide an improved cartridge belt particularly adapted for containing dynamite fuse caps or other rimless cartridges, the construction being such that the belt may readily adapt itself to the contour of the body of the wearer, and will also thoroughly protect the contents of the belt from shocks or jars and will also prevent entrance of foreign matter, such as coal dust, sand, or the like to the contents of the belt.

Another object of the invention is to provide an improved belt of the class described having a series of loops for receiving the cartridges and having a segmental cover or flap fitting over the loops and so constructed that any portion of the series of loops may be exposed without exposing the remaining portion.

Still a further object resides in the provision of improved means for closing the lower ends of the loops, such means being particularly adapted to resist the wear and tear ordinarily incident to the transportation or use in such a belt of sharp-nosed cartridges.

Still another object of my invention resides in the provision of an improved cartridge belt which will be extremely strong and durable, simple and inexpensive in construction, and extremely efficient in operation.

With these and other objects in view which will become apparent as the description proceeds, the invention resides in the construction, combination, and arrangement of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings in which like characters of reference indicate like parts throughout the several figures, of which—

Figure 1 represents a view of the belt as applied to a person.

Fig. 2 represents a view in perspective of a single belt constructed according to my invention.

Fig. 3 represents a view in section taken vertically and transversely through the same.

Fig. 4 represents a horizontal sectional view taken through a belt constructed according to my invention.

Fig. 5 represents a view in perspective of a double belt.

Fig. 6 represents a view in section taken vertically and transversely therethrough.

The belts illustrated in the drawings are designed primarily for use in connection with dynamite fuse caps, although they may if desired be used to equal advantage for transporting ordinary rimless cartridges.

Referring more particularly to Fig. 2, the belt there shown includes a strap 5 having a buckle 6 at one end and being reduced at 7 at its outer end, so that the strap may be fastened around the body of a person in well known manner.

Stitched onto the outer side of the strap 5 is a strip of leather, and this strip is suitably caught at intervals to form a series of loops 8 around the strap for receiving the fuse caps or the cartridges as the case may be. When the belt is to be used for carrying cartridges these loops need not be provided with a protective lining, but when fuse caps are to be carried by the belt the loops are suitably lined with felt or other desirable material indicated at 9. This is done by suitably facing the inner surface of the strips forming the loops 8 with the felt, and then stitching both to the strap 5. The cap receiving series of loops, it will be noted, are arranged toward the lower edge of strap 5, so that the upper portion of the latter projects above the loops.

In order that a smooth and comfortable surface for bearing against the body of the wearer may be provided, the inner face of the strap 5 is suitably lined with a strip of leather 10. This strip at its lower edge is stitched as at 11 to the outer face of strap 5 along the lower edge of the latter, and the strip 10 is then folded under the lower edge of the strap and up over the inner face of the latter and is then suitably stitched to the strap. This facing or lining 10 serves both to protect the stitches utilized in securing the strips forming the loops to the strap, and also to overlie and provide a facing for the secured upper edges of the protective flaps 12. These flaps 12 it will be noted extend substantially entirely

around the belt, and at their upper edges are suitably stitched, by means of the same line of stitching which holds the upper edge of facing strip 10 to the belt, to the upper inner face of said strap 5. The flaps are then bent outwardly over the upper edge of the strap and depend downwardly to overhang the upper portions of the fuse cap receiving loops. For purposes of safety in suitably protecting and preventing unusual jars reaching the fuse caps, these flaps 12 are suitably lined as at 13 with felt or other desirable material. It will be noted that the cover or protector, in being formed of a plurality of segments 12, may readily adapt itself to the contour of the body of the wearer so that snug and ready adjustment of the belt upon the wearer may be attained.

Extending around the lower portion of the belt is a continuous folder strip 14. The latter at its lower edge is doubled upwardly and stitched against the lower portion 11 of the lining 10. The folder strip extends upwardly to overlie the outer portion of the cap receiving loops, and extends as high or slightly higher than the upper portions of these loops. The folder strip is lined with suitable material 15, when the belt is to be used in carrying dynamite caps, and strip and lining serve to thoroughly protect the caps and prevent them from being exploded by any jars or knocks the belt may receive in rough handling or in being accidentally struck against an object while being worn. Suitably secured at spaced intervals to the outer surface of the folder strip 14, are the ball sections 16 of snaps, the socket sections of which are carried on the inner faces of the flaps 12 as indicated at 17. Thus the flaps may be folded down over the upper edge of the folder strip and secured thereto by means of the snap fasteners.

Ordinarily when the belt has been filled, the flaps are secured down upon the folder strip, thus thoroughly housing and protecting the caps, and when any of the latter are needed, one of the flaps 12 is detached from the folder strip, thus allowing ready access to the caps exposed by unfastening the flap. The remaining caps in the belt will, however, remain protected, and it will be readily understood that but one section of the caps is exposed at a time, and thus the danger of loss or of exposure of the caps is eliminated. As the sections are used up, the belt may from time to time be shifted so as to bring the fresh sections in convenient position to the operator.

A feature of great advantage in my belt consists in the closure provided for the lower ends of the cap receiving loops. This closure consists of a relatively narrow but unusually heavy and thick strip of leather indicated at 18. The strip extends around the belt immediately under the loops and is suitably stitched to the belt. The strip 18, lower edge of folder strip 14, and the lower edge of lining 10 may all be secured to strap 5 by the same line of stitching as indicated at 19 in Fig. 3. In belts of ordinary construction it has been found that the sharp-nosed cartridges or caps which are usually used soon wear holes through the bottoms of the loops, ordinarily used, and thus allow loss of the cartridges or result in the latter becoming jammed or wedged so as not to be readily removed. This objection has been eliminated by the construction which I provide, and the strip 18 while positively preventing loss of the cartridges downwardly through the loops, at the same time thoroughly resists the wear and abrasive action of the cartridge points, so that an extremely efficient closure is provided.

The series of loops is arranged toward the lower edge of the strap 5, in order that the cartridges or caps may at their upper ends project somewhat above the loops and at the same time be below the upper edge of the strap. By this arrangement the cartridges or caps may be readily removed from the loops and at the same time plenty of room is provided for them so that the flaps 12 may readily fold over the upper portions of the caps without binding or pressing against the latter to any appreciable extent.

The same plan of construction utilized in forming the single belt already described, is employed in forming the double belt indicated in Figs. 5 and 6. In the latter instance the strap 5^a is of approximately twice the width of the strap 5, and it has been found convenient in providing adjusting means for the wider strap to utilize rings 20 and snaps 21 in lieu of the buckle and reduced strap end utilized in the single belt. The rings 20 are suitably secured to one end of strap 5^a at suitable spaced distances by means of leather loops 22, and the snap hooks 21 are carried adjustably by straps 23, which latter are secured to the opposite end of the strap 5^a.

On the double belt two rows 8^a of cap receiving loops are provided, one positioned adjacent the upper edge of strap 5^a, and one adjacent the lower edge thereof. Each of these rows of loops is equipped with a folder strip 14^a and a segmental cover consisting of the series of flaps 12^a. The construction and method of arranging and securing the parts in the double belt is substantially similar to that already described with reference to the single belt, and it is therefore thought unnecessary to go into further detail.

Such a cartridge belt as I provide has been found to be extremely efficient in operation, thoroughly protecting and housing the caps or cartridges from foreign substances, and from shocks or jars which might result disastrously to the wearer. The belt is ex-

tremely convenient in that it allows ready access to the cartridges or caps, and also presents an extremely tasteful and desirable appearance.

Although I have described the preferred embodiment of my invention, I may desire to make such changes in the construction, combination, and arrangement of parts thereof, as do not depart from the spirit of the invention and the scope of the appended claims.

Thus, in case there is plenty of material the lower row of cartridge-loop covering flaps could have their upper edges extended high enough to underlie the strip forming the closure for the upper row of loops, thus doing away with one row of stitching. But when the material is expensive, it is cheaper to sew the extra row of stitching, as in the manner indicated in the drawings.

I claim:—

1. A cartridge belt consisting of a strap, means for adjusting it about the body of a person, a series of cartridge receiving loops extending around the strap on the outside thereof and along its lower portion, said loops being lined with protective material and being formed of strips of material laid face to face and then looped and stitched to the strap, a lining for the strap consisting of a strip of material secured at its lower edge to the strap on the outside of the latter and below the loops, and then turned over the lower edge of the strap and brought up against the inner face thereof, a plurality of flaps arranged end to end around the strap being secured at their upper edges to the inner side of the said strap near its upper edge, and being then turned over the upper edge of the strap and extended downwardly, the said strap lining extending over the upper edges of the flaps, a continuous folder strip secured at its lower edge against the strap and being then doubled and extended upwardly against the said loops, said folder strip and flaps being lined, means for detachably connecting the flaps to the folder strip, and a strip of heavy leather secured to the strap beneath the loops and forming a closure for the lower ends of the latter.

2. A cartridge belt consisting of a strap, means for adjusting it about the body of a person, a series of cartridge receiving loops extending around the outside of the strap along its lower portion, a strip of heavy material secured to the strap below the loops and forming a closure for the lower ends of the latter, a folder strip secured to the said strap below the loops and extending upwardly outside of the loops for protecting the latter, a plurality of flaps secured to the strap adjacent its upper edge and being arranged end to end and depending downwardly to form a cover and protector for the upper portions of the loops, and means detachably and individually connecting the flaps with the folder strip.

3. A cartridge belt consisting of a flexible strap, a series of cartridge receiving loops secured thereagainst, a strip of material secured against the strap forming a closure for the lower ends of the loops, a continuous folder strip connected with the strap below the loops and folded up against the latter, a plurality of cover flaps connected with the strap, and means detachably and individually connecting the cover flaps with the folder strip.

4. A cartridge belt consisting of a strap, a series of cartridge receiving loops arranged around the same, a strip of material secured to the strap forming a closure for the lower ends of the loops, means connected with the strap for overlying the loops on the outside for protecting them, a plurality of cover flaps connected with the strap and extending over the loops, and means for detachably connecting the cover flaps with the first said means.

5. A cartridge belt consisting of a strap, a series of cartridge receiving loops extending around the strap, means secured to the strap forming a closure for the lower ends of the loops, a folder strip arranged around the outside of the loops for protecting them, and means connected with the strap and adapted to be detachably connected with the folder strip for housing the upper portions of the loops.

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Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."