

**COLONEL MANN'S INFANTRY
AND CAVALRY
ACCOUTREMENTS, PATENTED
DECEMBER 8, 1863: DESCRIPTION
WITH ILLUSTRATIONS**

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Colonel Mann's Infantry and Cavalry Accoutrements, Patented December 8, 1863: Description with Illustrations by W. D. Mann

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W. D. MANN

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DECEMBER 8, 1863: DESCRIPTION
WITH ILLUSTRATIONS**

William L.
COLONEL MANN'S

Infantry and Cavalry Accoutrements.

PATENTED DECEMBER 8, 1868.

DESCRIPTION WITH ILLUSTRATIONS.

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DESCRIPTION OF CUTS.

FIGURE 1.

Back view of mounted trooper, with Colonel Mann's improved accoutrements, showing clearly the manner in which the weight of the sabre, suspended by the short strap *B*, and the weight of the pistol *C*, is entirely borne on the shoulders by the belts *A A*. These, attached to waist-belt directly above pistol-holster and point of suspension of sabre, and in front to cartridge-box, which serves as a counter-balance, sustain the entire weight of the arms and ammunition on the shoulders, leaving the abdomen and loins free from any pressure of waist-belt. This gives the trooper a neat, even-shouldered, soldierly appearance.



FIGURE 1.

FIGURE 2.

Front view of dismounted trooper, showing the shoulder-belts *AA* attached to cartridge-box *B*. These belts cross on the back, and attach to waist-belt over sabre and pistol, as shown in figure 1.

The shoulder-belts of these accoutrements, looping through rings of waist-belt, are adjustable, but, once fitted to a soldier, are not unhooked—the belts being slipped over the head, in putting on or taking off; only the waist-belt in front is unloosed.

FIGURE 3.

Infantry soldier, with Colonel Mann's improved accoutrements and knapsack. The knapsack *A*, with the great-coat *B*, is suspended squarely upon the shoulders by the broad straps *CC*, attached to the shoulder-belts of the accoutrements *DD* by means of the hooks *EE*, which fasten in eyes on the shoulder-belts. These shoulder-belts are securely riveted, and sewed down the back of cartridge-box, forming loops for the waist-belt to pass through, keeping the box firm and close to the body. These belts, passing over the shoulders, cross on the back and loop into *D*, rings set in waist-belt some inches apart on back. With the knapsack off, or in fighting order, the weight of cartridge-box, *F*, is borne equally disposed on both shoulders, and sixty rounds, the capacity of the box *F*, is carried easily. When the knapsack is slung, the weight of the cartridge-box, though not as great, yet from its position fully balances a well-filled knapsack, keeping it well up on the plane of the back, above the point of the shoulders, where it is carried with comparative comfort. The knapsack is fastened at the bottom firmly to the waist-belt by means of two straps, shown in fig-

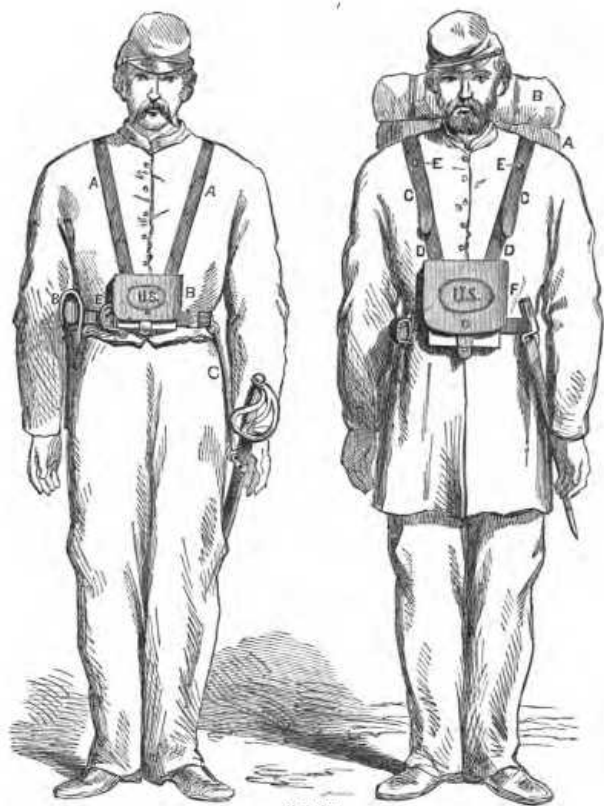


FIGURE 2.

FIGURE 3.

ure 5 as *A A*, looping through rings in the belt. This prevents any movement of knapsack, even in running.

With these accoutrements, the soldier's arms and chest are free for action. The action of no organ is interfered with, and no muscles are compressed; the whole weight is directly across the shoulders. The broad cross-belt of the old accoutrements, compressing the chest, and preventing free respiration, is dispensed with; also the straps of knapsack passing under the arms, which have always been found so oppressive.

FIGURE 4.



FIGURE 4. Infantry cartridge-box, with flap raised, and front removed, showing the improved magazine. This consists of a plain tin case, large enough to contain forty cartridges. Within this is a case only half the depth of the outer one, and which is a trifle smaller, to slide within easily. This is first filled with twenty rounds, which form the base for the upper twenty rounds, filling the magazine. When the upper twenty is used out in action, the smaller interior box, with its twenty rounds, is raised by the finger in the ring *D*, and is held in place by turning the thumb-piece *E*, bringing the arm *F* under the bottom of the small case, which holds it firmly until cartridges are used. This is but the work of an instant, and saves the long delay, trouble, and often loss of tins and ammunition incident to transferring the twenty rounds from lower chambers of old magazine to

the upper ones; *G G G* are partitions to divide the cartridges.

This cartridge-box is made deep enough to contain two packages, ten rounds each, below the magazine. *H H* shows these packages, forming a reserve ammunition. The magazine rests on shoulders on the sides of the box, and is not disturbed by the absence of the packages below.

This figure further shows the manner in which the knapsack-straps are fastened, when the knapsack is slung, to the shoulder-belts of the cartridge-box. *I I* are brass loops or eyes attached to the belts *K K*, which receive the hooks *L L*, attached to the knapsack-straps *M M*. The knapsack is slung in this manner much quicker than in the old way.

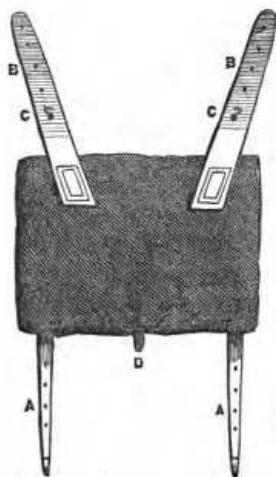


FIGURE 5.

FIGURE 5

Is a knapsack with Mann's attachment. *B B* are the broad shoulder belts; *C C* the hooks to fasten to the shoulder-belts of cartridge-box. *A A* are two straps which loop through rings in waist-belt, to fasten bottom of knapsack. *D* is a strap to fasten together the two parts of the knapsack.