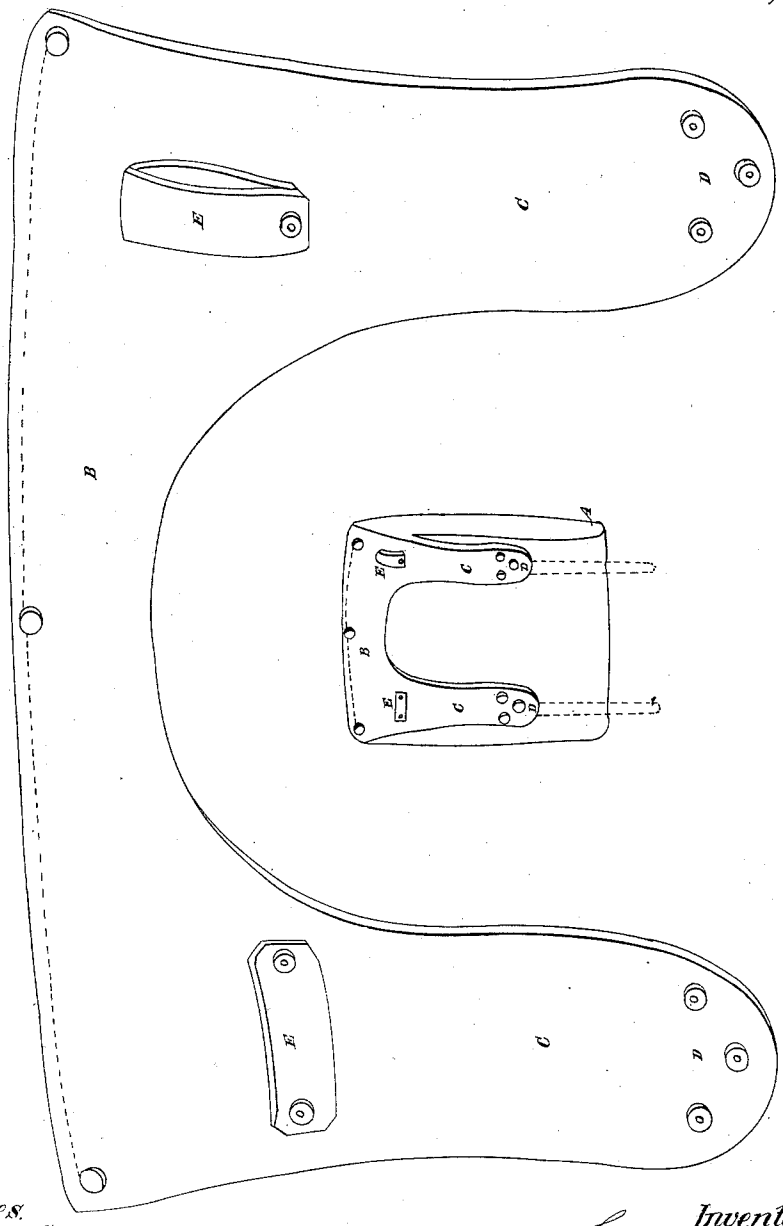
J. E. Atwood,

Accouterments,

No. 37,146, Patented Dec. 16, 1862.



Witnesses.
Franklin Reigart
J. B. Hall.

Inventor.
James E. Atwood

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UNITED STATES PATENT OFFICE.

JAMES E. ATWOOD, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVED KNAPSACK-COLLAR.

Specification forming part of Letters Patent No. **37,146**, dated December 16, 1862.

To all whom it may concern:

Be it known that I, JAMES E. ATWOOD, of Washington city, District of Columbia, have invented new and useful Improvements in Knapsack-Collars; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in attaching to the top edge of any ordinary knapsack a heavy leather collar, to be stitched on or riveted to the knapsack, the collar to fit closely round the neck, and the ends extending down in front, to which any kind of straps or cords may be attached.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A represents an ordinary or common knapsack; B, the collar, which is made of stout harness-leather, and stitched or riveted to the top edge of the knapsack. The center of the collar is cut rounding, so as to fit closely to the back of the neck, and the ends C extend downward some six or eight inches, with copper rivets D on the ends, to which straps or cords are intended to be attached. E are leather loops riveted on the collar, through which straps are to be passed to secure the blanket on top of knapsack.

The advantages of this collar are, that it brings the weight to bear more equally upon the breast and shoulders, with greater ease and comfort to the soldier than when it is allowed to fall below the shoulders and rest mainly on the sides and hips. This collar not only prevents the rain from running down between the knapsack and back of the soldier, but relieves the shoulders from the weight of the musket; and this collar can be attached to all the ordinary knapsacks now in use in the army.

What I claim as my invention, and desire to secure by Letters Patent, is—

The use of a stiff leather collar, constructed as described, when combined and arranged, in the manner set forth, with a knapsack.

JAMES E. ATWOOD.

Witnesses:

J. FRANKLIN REIGART,

J. B. HALL.