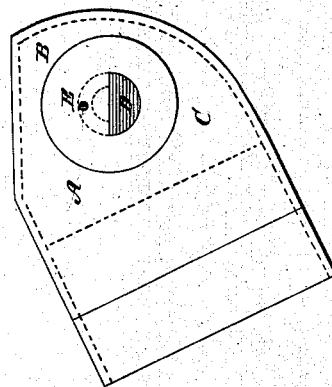
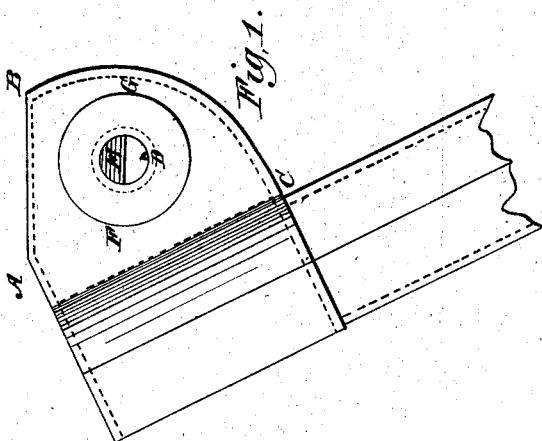
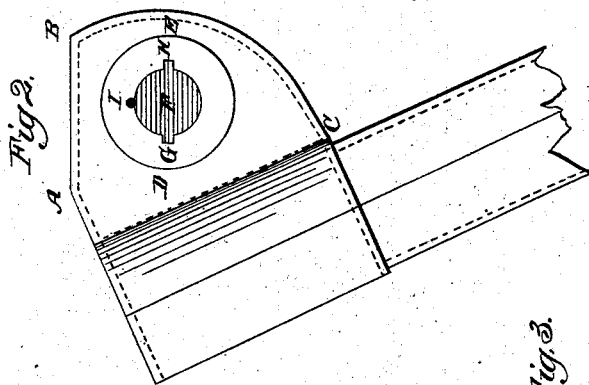


*W. Hoffman,*  
*Accouterments,*  
*No. 47,303,      Patented Apr. 18, 1865.*



*Witnesses.*

*R. D. Campbell.*  
*E. C. Hooper.*

*Inventor.*

*William Hoffman*

# UNITED STATES PATENT OFFICE.

WILLIAM HOFFMAN, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN BAYONET ATTACHMENTS.

Specification forming part of Letters Patent No. **47,303**, dated April 18, 1865.

*To all whom it may concern:*

Be it known that I, WILLIAM HOFFMAN, of the United States Army, now resident in the city of Washington, District of Columbia, have invented an improvement on the bayonet-scabbard frog or bayonet-scabbard attachment invented by me, and for which Letters Patent of the United States were granted on the 8th day of May, 1860; 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.

The nature of my invention consists in making the bolt which secures the ear A B C, Figures 1, 2, and 3, of the frog to the loop a half-cylinder, E, instead of a whole one, and the opening or hole in the plate F G or shield through which the bolt passes an incomplete circle having at its lower limit a small sector, D, projecting within from the circumference. By this arrangement the scabbard will be permitted to revolve only about eighty degrees forward and back, thus preventing the loss of the bayonet from the scabbard, as is sometimes the case when the scabbard makes a complete revolution; or the same effect may be pro-

duced by using the ordinary bolt, Fig. No. 2, having on its head F at the end of its horizontal diameter D and H a short projection, and upon the plate or shield D E a pin, I, inserted on or near a vertical line from its center at a distance equal to the radius of the bolt-head, which pin, by coming in contact with the projections on the bolt-head, will prevent the scabbard from revolving above the horizontal line on either side.

As a combination of the two modes above described, the head of the bolt D, Fig. 3, may be made a half-circle, the diameter of which, coming in contact with the pin E, inserted in the plate above, will prevent the scabbard from revolving either way farther than is desirable.

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

The form above described of the bolt and plate making part of the frog or attachment, which prevents the scabbard from revolving above the horizontal line on either side.

WILLIAM HOFFMAN.

Witnesses:

G. BLAGDEN,  
WM. CRUIKSHANK.