

No. 774,223.

PATENTED NOV. 8, 1904.

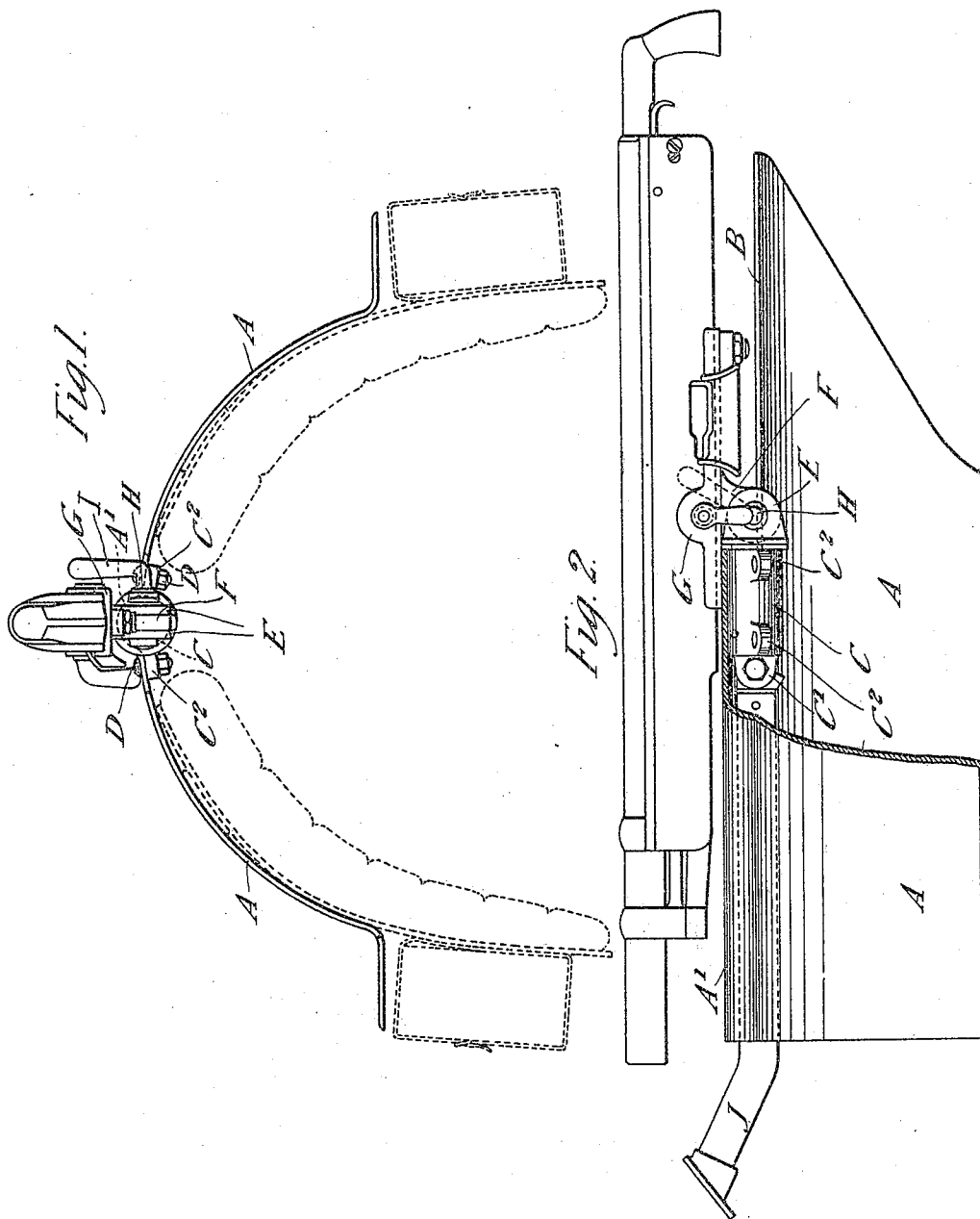
J. A. WILSON.

SHIELD MOUNTING FOR QUICK FIRING GUNS.

APPLICATION FILED DEC. 12, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES

J. A. Wilson
G. B. Blum

INVENTOR

J. A. Wilson
by Wallace & Hayes
his attys.

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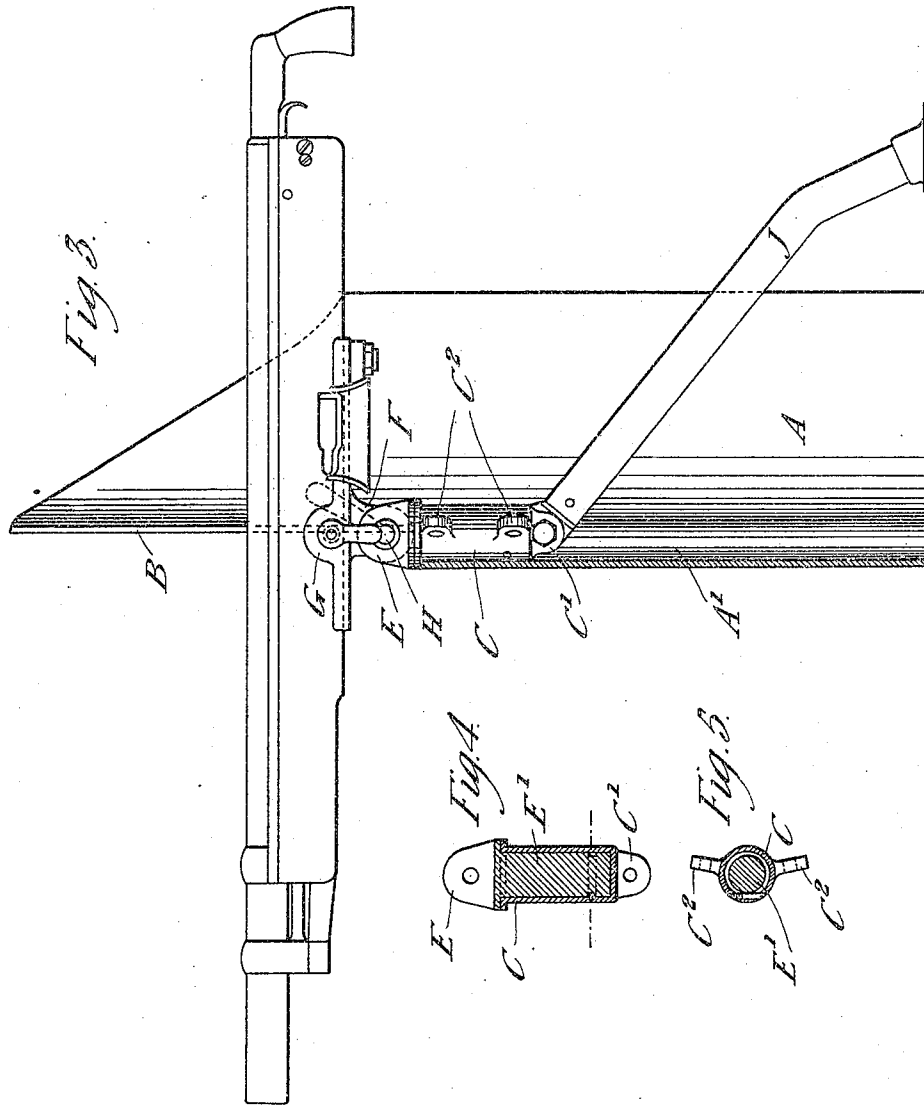
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2 SHEETS—SHEET 2.



WITNESSES
H. M. Corwin
G. B. Blumling

INVENTOR
J. A. Wilson
by R. A. Kline & Co.
his attys

UNITED STATES PATENT OFFICE.

JAMES ANTHONY WILSON, OF WESTMINSTER, ENGLAND.

SHIELD-MOUNTING FOR QUICK-FIRING GUNS.

SPECIFICATION forming part of Letters Patent No. 774,223, dated November 8, 1904.

Application filed December 12, 1903. Serial No. 184,964. (No model.)

To all whom it may concern:

Be it known that I, JAMES ANTHONY WILSON, a subject of the King of Great Britain and Ireland, residing at 28 Victoria street, Westminister, in the county of London, England, have invented certain new and useful Improvements in Shield-Mountings for Quick-Firing Guns, of which the following is a specification.

This invention of an improved shield and mounting for quick-firing guns has for its object to facilitate the transport of quick-firing guns and to enable them to be placed on a pack horse or mule or removed therefrom and brought into action in a much shorter time than has hitherto been possible; also, to effectively shield the gunner when the piece is in action.

It consists of a shield adapted to fit over an ordinary service pack-saddle and to support the gun when in action and of means for mounting the gun on the shield in such a manner that the shield and gun can be placed on the saddle for transit or removed and the gun immediately trained for action without dismounting the same from the shield.

In carrying out this invention the shield is made of steel and suitably curved to fit over the pack-saddle, on which it is held by straps, so as to be readily detachable. One end of the shield is provided with an opening or embrasure and with a bracket which forms a bearing for an axle on which the gun is mounted. After training the piece and obtaining the correct elevation the axle can be fixed by means of a clamping-screw. The construction of the said shield and devices for mounting and manipulating the gun thereon is shown on the accompanying drawings, in which—

Figure 1 shows a rear end view of the shield with the gun in position for transport on a pack-saddle, the latter being indicated in dotted lines. Fig. 2 shows a side view, partly in section, of the shield with the gun in the same position as at Fig. 1, and Fig. 3 shows the shield placed on the ground with the gun in the firing position. Figs. 4 and 5 show a longitudinal and cross section of the bracket detached.

The shield A is formed with a curvature adapted to fit on a pack-saddle, as indicated in Fig. 1, on which it may be detachably secured by any suitable means, such as by straps. One end of the shield is formed with an opening or embrasure B, in the middle of which is fixed a bracket C by means of lugs C² and screw-bolts D. The bracket is formed as a socket, in which is mounted a swiveling pin E', carrying a fork E, in which fits an eye F, projecting down from the under side of the bracket G, that carries the gun, and secured to the fork E by a screw-pin H, that can be tightened by a handle I, so as to clamp the bracket G and gun firmly in the position into which they have been brought. For transport the gun is turned on its pin H so as to lie more or less horizontally along the front of the shield, as shown at Figs. 1 and 2. When the gun is to be brought into action, the shield is placed in a vertical position on the ground, as shown at Fig. 3, and the gun is turned on its pivot, so as to assume the more or less horizontal position shown, with the muzzle end projecting through the embrasure B on the convex side of the shield A. The marksman situated behind the shield after giving the gun the required elevation by turning it on its pivot H clamps it in that position by the handle I and then trains it by turning it on its swivel in the bracket C. For securely holding the shield in the firing position a stay-bar J, pivoted to a fork C' on the rear end of the bracket C, is turned so as to take a bearing on the ground, as shown at Fig. 3, while for transport it is turned up so as to lie in the hollow ridge A' of the shield, as shown at Fig. 1.

I do not limit myself to the arrangement shown for mounting the gun on the shield, as this may be effected in various other ways so long as the arrangement is such that the gun can be brought into a position about parallel with the face of the shield for transport. It will also be evident that this arrangement of gun-mount is applicable to shields of other forms than that described for allowing the gun to be folded over the face of the shield for transport.

Having thus described the nature of this in-

vention and the best means I know of carrying the same into practical effect, I claim—

1. A shield constituting the support for a gun formed with a curvature adapted to fit on a pack-saddle, substantially as described.

2. A shield constituting the support for a gun formed with a curvature adapted to fit on a pack-saddle and having a hollow ridge adapted to receive the socket of a gun-mount, substantially as described.

3. A shield constituting the support for a gun formed with a curvature adapting it to fit on a pack-saddle, a mount for the gun fixed to said shield, and a pivotal connection between said mount and the gun whereby the latter can be turned so as to lie parallel with the outer face of the shield for transport, substantially as described.

4. A shield constituting the support for a gun, a mount for the gun fixed to said shield consisting of a socket containing a swiveling pin having a fork to which is pivotally connected an eye projecting from the gun so that for transport the gun can be turned on such pivotal connection so as to lie parallel with the outer face of the shield, substantially as described.

5. A shield constituting the support of a gun and having a hollow ridge, a mount for the gun consisting of a socket adapted to fit

into said hollow ridge and having lateral lugs whereby it is fixed to the shield, a swiveling pin in said socket having a fork to which is pivotally connected an eye projecting from the gun and means for clamping said eye tight into the fork when the gun has been brought into the required position, substantially as described.

6. A shield constituting the support of a gun and having a hollow ridge, a mount for the gun consisting of a socket adapted to fit into the said hollow ridge and having lateral lugs whereby it is fixed to the shield, a swiveling pin in said socket having a fork to which is pivotally connected an eye projecting from the gun, a fork on the inner end of said socket, to which is pivotally connected a stay-bar for supporting the shield in the firing position, said stay-bar being adapted to be turned on its pivot so as to lie in the hollow ridge of the shield when required for transport, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES ANTHONY WILSON.

Witnesses:

EDWARD GARDNER,
JOSEPH MILLARD.