

Title (en)
MOUNTING FOR A MORTAR BARREL

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Application
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Abstract (en)
[origin: US4787290A] A support apparatus for a grenade thrower tube comprises a height adjustment assembly that raises and lowers the tube along a vertical axis and a sideways adjustment assembly that moves the tube back-and-forth in a direction transverse to the vertical axis. The novel combination with the support apparatus comprises an extension mechanism pivotally mounted to rotate about the vertical axis and a coupling device for rotatably connecting the sideways adjacent assembly on the extension mechanism at a location laterally spaced from the vertical axis. In a specific embodiment, the coupling device includes a locking mechanism which fixes the sideways adjustment assembly at a selected rotational position with respect to the extension mechanism. The locking mechanism has an automatically actuating capacity to lock the rotational position of the sideways adjustment assembly at a preselected location. The combination of the invention allows the adjusting of the grenade thrower tube in the sideways range to be extended considerably without having to move the bipod or tripod stand of the support apparatus.

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