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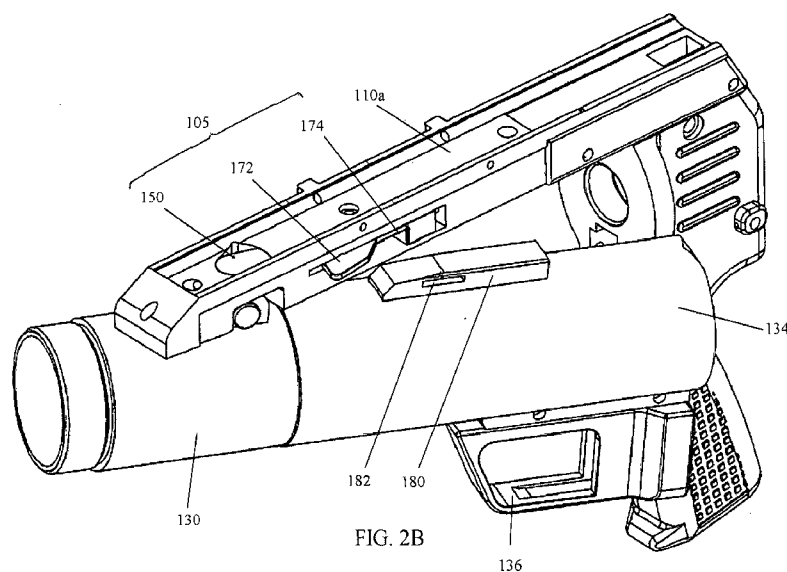
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(54) Title: BARREL OPENING MECHANISM OF GRENADE LAUNCHER



(57) Abstract: The present invention provides a grenade launcher (100) in which a barrel (130) is connected to a receiver arm (110a) by a barrel pivot (150) and a releasable latch mechanism (170). When the barrel (130) is released from the receiver arm (110a) by the latch mechanism (170), the barrel pivot (150) allows the barrel to droop about 5 degree about a transverse Y-axis at the barrel pivot (150) and at the same time allowing the barrel to be turned laterally about a vertical Z-axis to the left or right hand side of the receiver arm. A top surface of the receiver arm has a Picatinny rail (120), a forward end of which is disposed a stopper plate (122) to secure a pivot pin (152) within the receiver arm (110a). The stopper plate (122) is provided to transmit recoil forces to an external device connected at the Picatinny rail (120).