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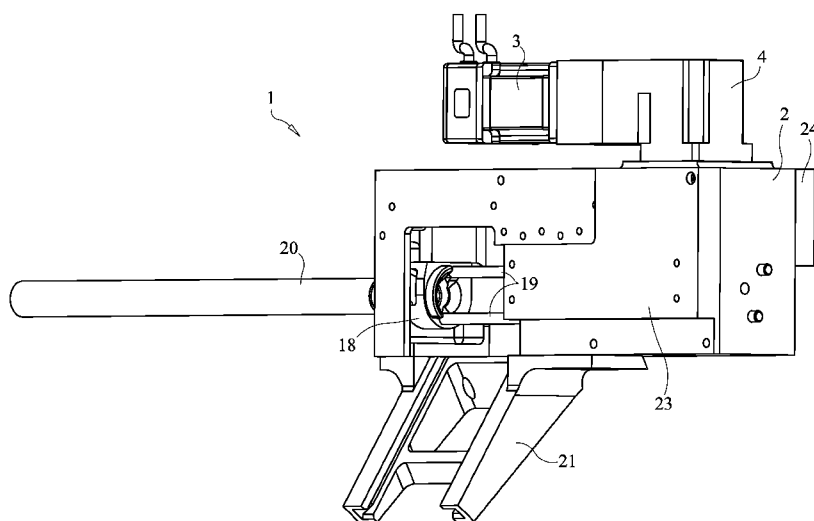


FIG. 1

(57) Abstract: A reciprocally-cycled, externally-powered weapon may include a rotative driver connected via a crank and connecting rod to the operating group of the weapon. The connecting rod may be connected to a pinion that meshes with a translating rack and a stationary rack. The translating rack may be connected to the operating group, and the stationary rack may be fixed to the receiver of the weapon. The energy needed to fire the weapon may be supplied by an energy generator. The minimum amount of energy supplied by the energy generator may be independent of the speed of translation of the operating group and may be sufficient to reliably result in cartridge ignition, thereby providing an infinitely adjustable firing rate.



WO 2010/082973 A3