

Electronic firing rate controller for remote operation of an automatic firing weapon.

Abstract

An electronic apparatus for controlling a firing rate of an automatic firing weapon having an actuator adapted to operate a trigger mechanism of said weapon, said weapon exhibiting a natural free-running firing rate when triggered. The apparatus comprises an output driver means adapted to provide a drive signal for said actuator, a first single pulse generator means having a single pulse output coupled to an input of the driver means and adapted to generate a single pulse of a duration shorter than a time period of said natural free-running firing rate in response to a single pulse generator means input, and a pulse train generator means having a single pulse output coupled to an input of said first single pulse generator means and adapted to provide to the first single pulse generator means a train of pulses spaced in time a spacing period exceeding said time period of said natural free-running firing rate in response to a pulse train generator means input.

Fig. 3