

# ABSTRACT OF THE DISCLOSURE

A small hand-held electronic apparatus with a field effect light emitting device wherein the life of an EL panel is expanded; light emitting efficiency is improved; the circuit is made compact; and the number of parts is reduced. When a control signal from a charge/discharge frequency control means becomes a low level, a first step-up selection SW is turned on and a first discharge means is turned off. At this time, a step-up device and a first step-up means are connected, and the first step-up means starts a step-up operation in response to a step-up clock signal. A reverse induction voltage generated by the step-up operation is rectified by a first rectifier means and is input to a light emitting device. The light emitting device charges and accumulates reverse induction voltage input at each clock of the step-up clock and emits light to provide an illuminating function. When the control signal is switched from the low level to the high level, the first step-up selection SW is turned off and the first discharge means is turned on. Thus, the accumulated charge is discharged. The same operation is continuously performed thereafter. As a result, the light emitting device emits light continuously to serve as an illumination device.

