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BATTERY OPERATED COMPUTER POWER MANAGEMENT SYSTEM

ABSTRACT

A computer has two processors. A main processor operates under the control of an operating system and provides overall control of the computer for executing application programs. The main processor also assists in power management by executing certain interrupts and controlling a power control register to turn power on and off to various devices. A power management processor monitors ambient temperature and humidity, and battery conditions, and generates interrupts as a result of predetermined changes. Such processor also controls charging of the battery. Logic means are responsive to predetermined conditions to also generate interrupts.

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