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## **INTRODUCTION**

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01<sup>st</sup> January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**( Om Prakash Gupta )**  
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(57) Abstract :

ABSTRACT In one aspect, a system comprises a primary device, a plurality of secondary device and a communication network. The primary and secondary devices are connected through a RF transmission. In an embodiment, both primary and secondary devices are alerted whenever the connected devices go beyond a particular RF transmission range. In another embodiment, the range of RF transmission is 15m. Further, both primary and secondary device comprises, a microcontroller, a RF transceiver, a memory, a battery, a buzzer circuit, a LED circuit and a switch circuit. The microcontroller controls the other components of the device by executing the associated instructions. The RF transceiver establishes a wireless communication with other devices to exchange data and to send instructions. The memory stores data and instructions relating to the operations of the microcontroller. The battery supplies operating power to the components of the device. In one embodiment, the battery is rechargeable with a capacity of 3000 mAh and provides an output voltage of 3.7V. The buzzer circuit and LED circuits of primary device are activated when the primary device losses communication with the connected secondary devices. The switch circuit is manually activated on the primary device to establish a communication with a secondary device.

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