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TRACKING AND MONITORING DEVICE AND SYSTEM FOR A SHIPPING CONTAINER

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Abstract of US2012252488 (A1)

A tracking and monitoring device for a shipping container has a body section attachable to an inside surface of the container proximate the door frame such that an end protrudes through a gap in the door frame. Security sensors integrally mounted in the body section are coupled to a CPU for detecting a respective security event. A global position sensor in the body section provides a position signal, and a cellular or satellite modem and a long-range antenna in the body section allow long range communication with a remote monitoring center. Power is provided to the device and associated components via a battery. In order to minimize power consumption, the CPU is normally dormant and a power management controller monitors battery power level and awakens the CPU in response to sensor signals and external interrogation signals or interrupts.

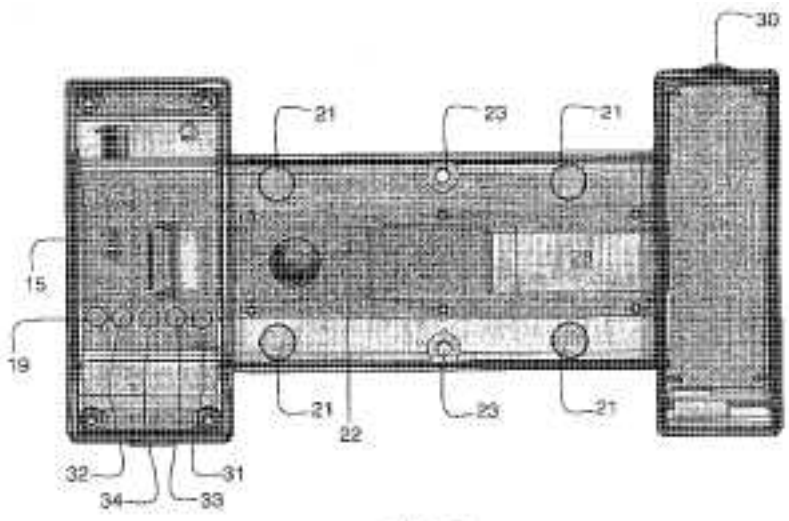

FIG. 5