

ABSTRACT

SYSTEM AND METHOD FOR TAMPER DETECTION USING RFID DEVICES

A system for tamper detection includes a security device and a data device. The security device has a first portion disposable on a first side of a separation boundary of a separable object, and a second portion disposable on a second side of the separation boundary. The security device further includes a first Radio Frequency Identification (RFID) circuit configured to provide a first return signal. The data device includes a microprocessor and system memory, an RFID reader and a radio antenna. The data device is configured to send and receive radio frequency signals with the first RFID circuit, and to recognize the first return signal as indicating an untampered condition of the separable object.

FIG. 2