

Enhanced Tracking and Location Identification with Audit Trail

Disclosure Number

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Technology Summary

This invention is a novel predictive sensor to allow for enhanced world-wide tracking, monitoring and location identification with audit trail capability of packages utilizing existing GPS satellites and additional techniques. The unique in-service health of the sensor by monitoring in real-time, condition-based detection of impending failure, thus allowing repairs to the package or its contents only when necessary, with substantial time and cost savings over all other methods. Furthermore, the framework can control access to or operation of the sensors and its package (complex structure). This invention teaches a novel extension of previous RFID sensors with controlling of information flow to and from the sensor and its package. The invention further provides an automated, objective means of monitoring location and integrity of packages and their contents world-wide.

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