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(54) Title: ARTICLE TRACKING SYSTEM AND METHOD

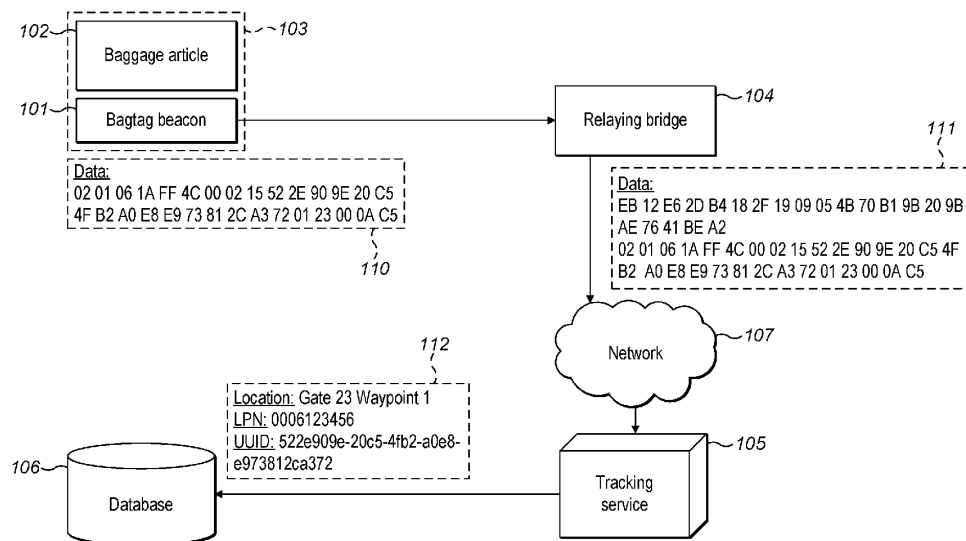


FIG. 1

(57) Abstract: A system and method for tracking an article is described. The article may be baggage passing through an airport terminal or another venue. The system comprises a beacon associated with a baggage article, a plurality of relaying bridges, and a tracking service. Short-range radio signals including a beacon identifier and a beacon transmission power are emitted by the beacon associated with a baggage article and detected by a plurality of relaying bridges. The relaying bridges calculate a received signal strength indicator (RSSI), convert the short-range radio signal to a relay signal and transmit the relay signal including a unique relaying bridge identifier and RSSI information via a network. The tracking service receives data from the relay signal, attaches a time stamp to the received data, stores the time-stamped data, and determines from the stored data the time when the article arrives at a point of interest.

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