

Cooperative System And Method For Precise Autonomous Delivery

Abstract

A system for delivery of payload at a precise location by autonomous delivery vehicle. A machine-readable unique identifier is laid at a place where a user wants delivery of an item. User opens a precise delivery app on smartphone, activates the scanner and standing near the unique identifier scans it. Precise delivery app reads the unique identity of the unique identifier and collects the geophysical location of the smartphone. Third party system feeds this information of the target unique identifier to the autonomous vehicle. The autonomous delivery vehicle includes a first prior art navigator and a second scanner navigator. The autonomous vehicle determines its route to the approximate location of the target unique identifier with the help of the first prior art navigator and the second scanner navigator scans every unique identifier that may be present around that location and guides the autonomous vehicle to the target unique identifier.

Fig. 3