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    Demisse

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(54) **VEHICLE IDENTIFICATION SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

(63) Continuation of application No. 15/860,939, filed on Jan. 3, 2018, now Pat. No. 10,169,987, which is a continuation of application No. 14/723,049, filed on May 27, 2015, now Pat. No. 9,892,637.

(60) Provisional application No. 62/004,753, filed on May 29, 2014.

(51) **Int. Cl.**
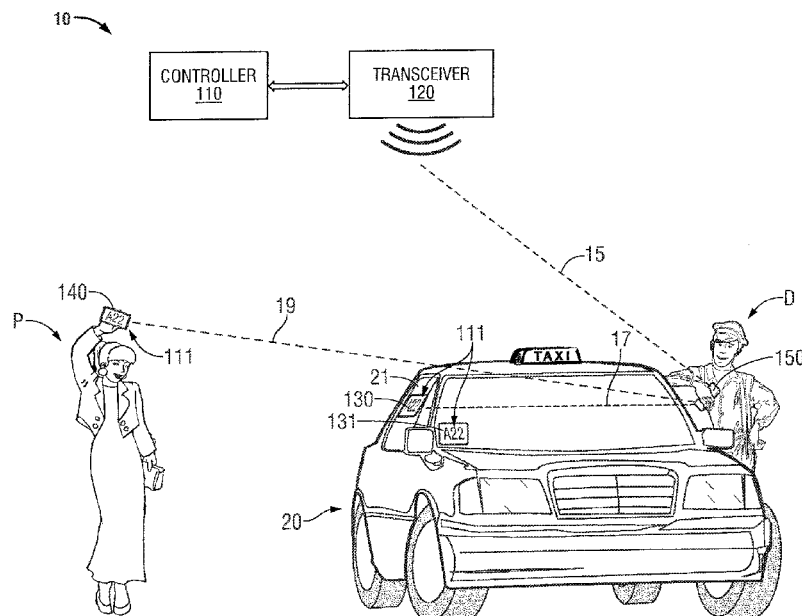   *G08G 1/017*   (2006.01)
(52) **U.S. Cl.**
    CPC *G08G 1/017* (2013.01)
(58) **Field of Classification Search**
    CPC G08G 1/017

USPC 340/425.5, 426.1, 539.1, 933
See application file for complete search history.

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(57)   **ABSTRACT**

A vehicle identification system includes one or more displays associated with a vehicle, a transceiver, and a controller communicatively coupled to the transceiver. The one or more displays are located to be visible from an exterior of the vehicle. The controller is adapted to generate a first signal to be transmitted by the transceiver to a mobile communication device associated with a driver of the vehicle when it is determined that the vehicle is within a predetermined distance of a specific location. The mobile communication device associated with the driver is adapted to generate a second signal to be transmitted to the one or more displays. The second signal represents an indicator.
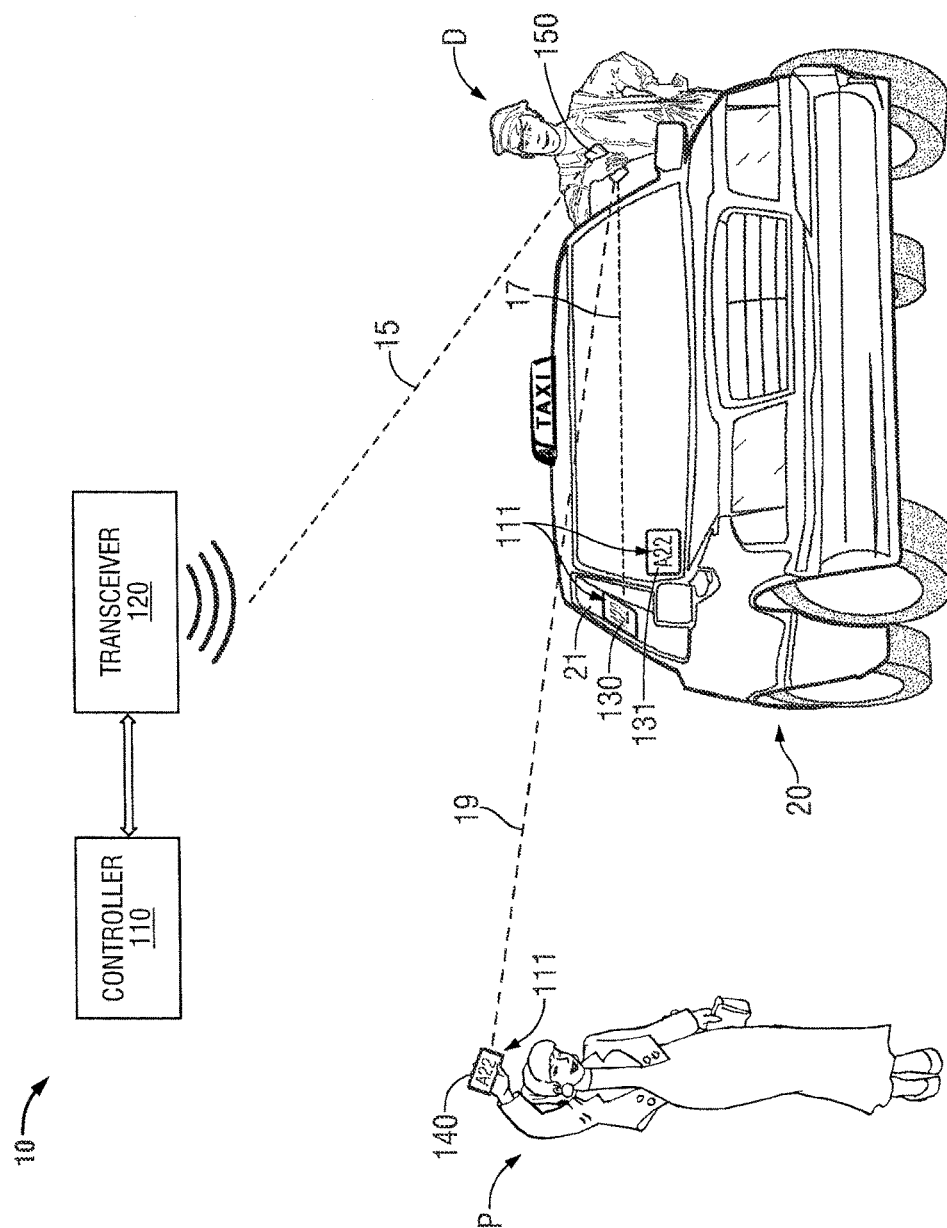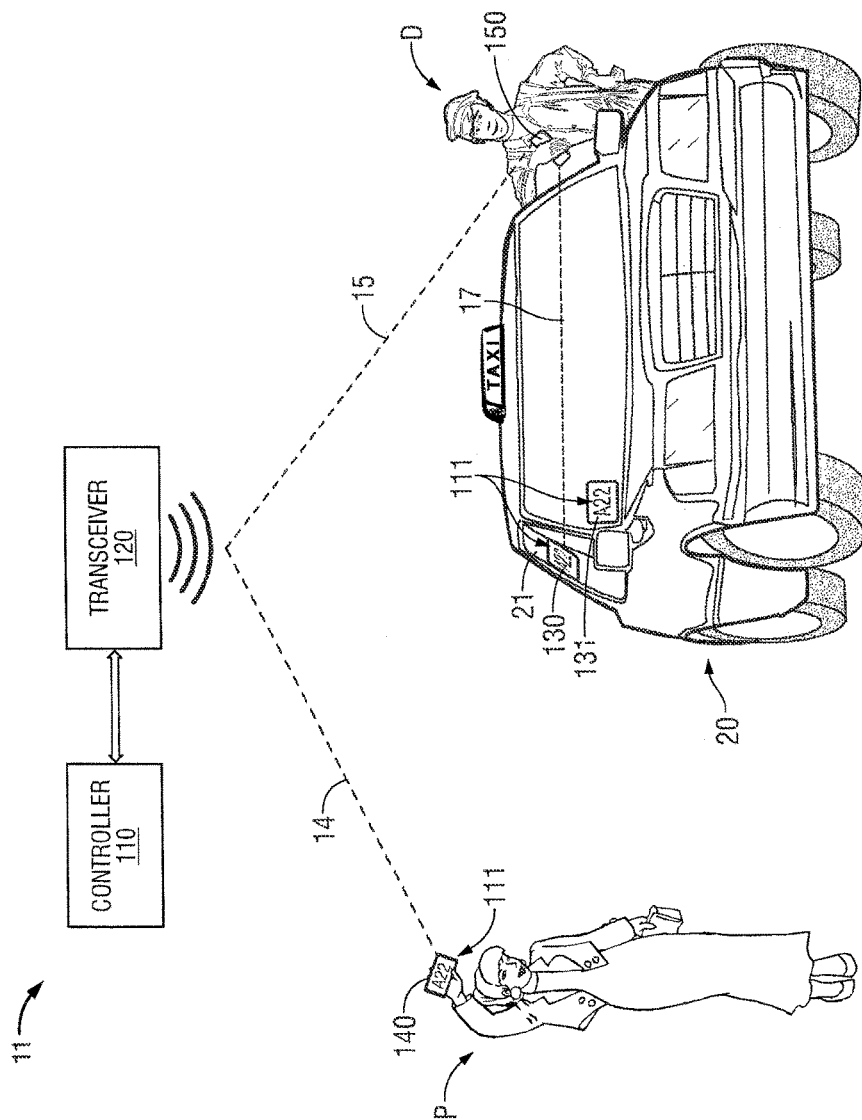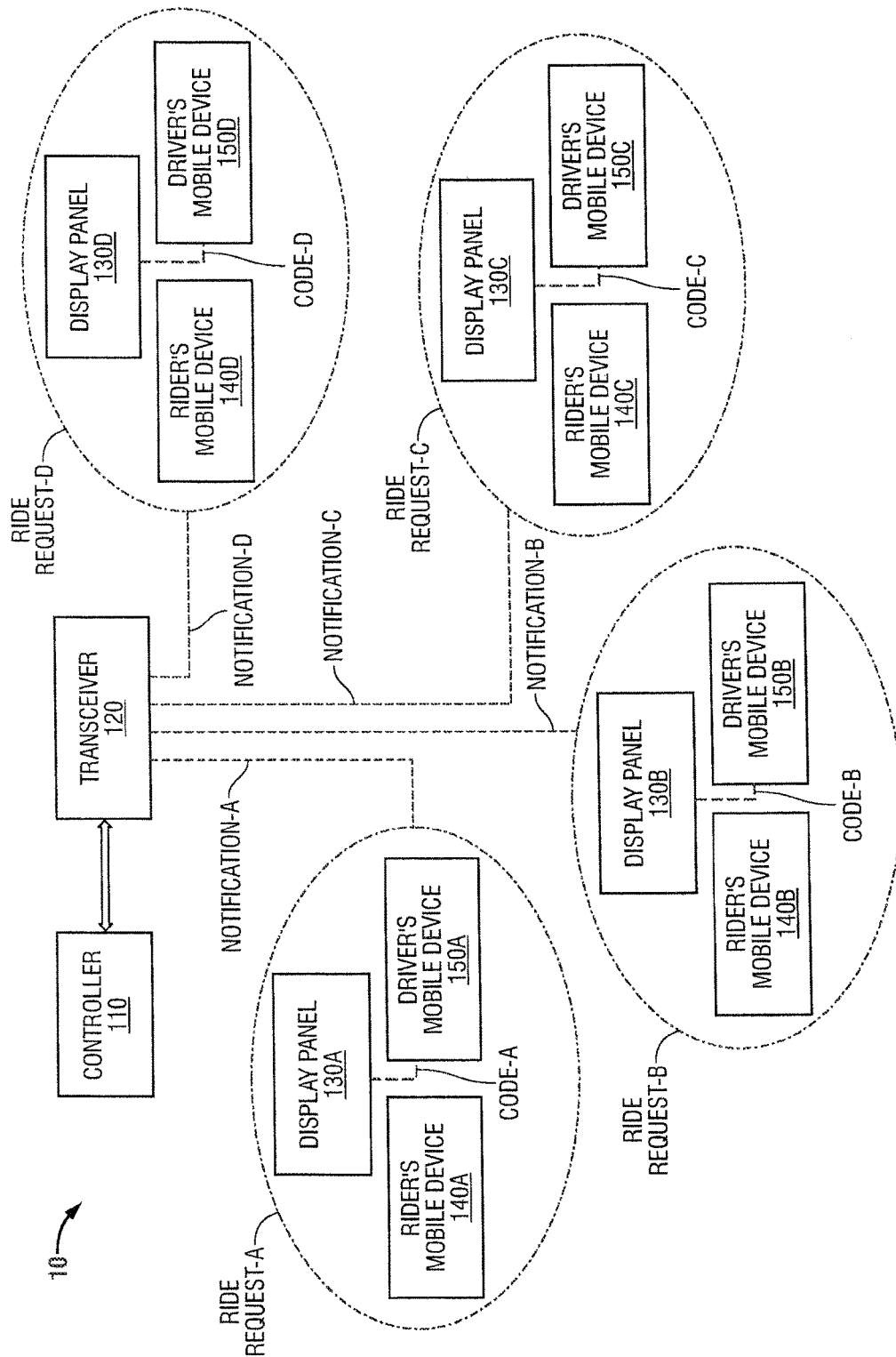
1 Claim, 4 Drawing Sheets

FIG. 1A

FIG. 1B

FIG. 2

300

310

WHEN IT IS DETERMINED THAT THE VEHICLE IS WITHIN A PREDETERMINED DISTANCE OF THE LOCATION OF THE USER, GENERATE A NOTIFICATION SIGNAL TO A MOBILE COMMUNICATION DEVICE ASSOCIATED WITH THE DRIVER

320

GENERATE AN INDICATORY SIGNAL REPRESENTING AN INDICATOR IN RESPONSE TO RECEIVING THE NOTIFICATION SIGNAL

330

DISPLAY, ON A DISPLAY ASSOCIATED WITH THE VEHICLE, AN INDICATOR BASED ON THE INDICATORY SIGNAL, THE DISPLAY BEING LOCATED TO BE VISIBLE FROM THE EXTERIOR OF THE VEHICLE

340

DISPLAY THE INDICATOR ON A MOBILE COMMUNICATION DEVICE ASSOCIATED WITH THE USER

350

IDENTIFY THE VEHICLE BASED ON APPEARANCE OF A MATCH, BY VISUAL OBSERVATION OF THE USER, BETWEEN THE INDICATOR BEING DISPLAYED ON THE MOBILE COMMUNICATION DEVICE ASSOCIATED WITH THE USER AND THE INDICATOR BEING DISPLAYED ON THE DISPLAY ASSOCIATED WITH THE VEHICLE
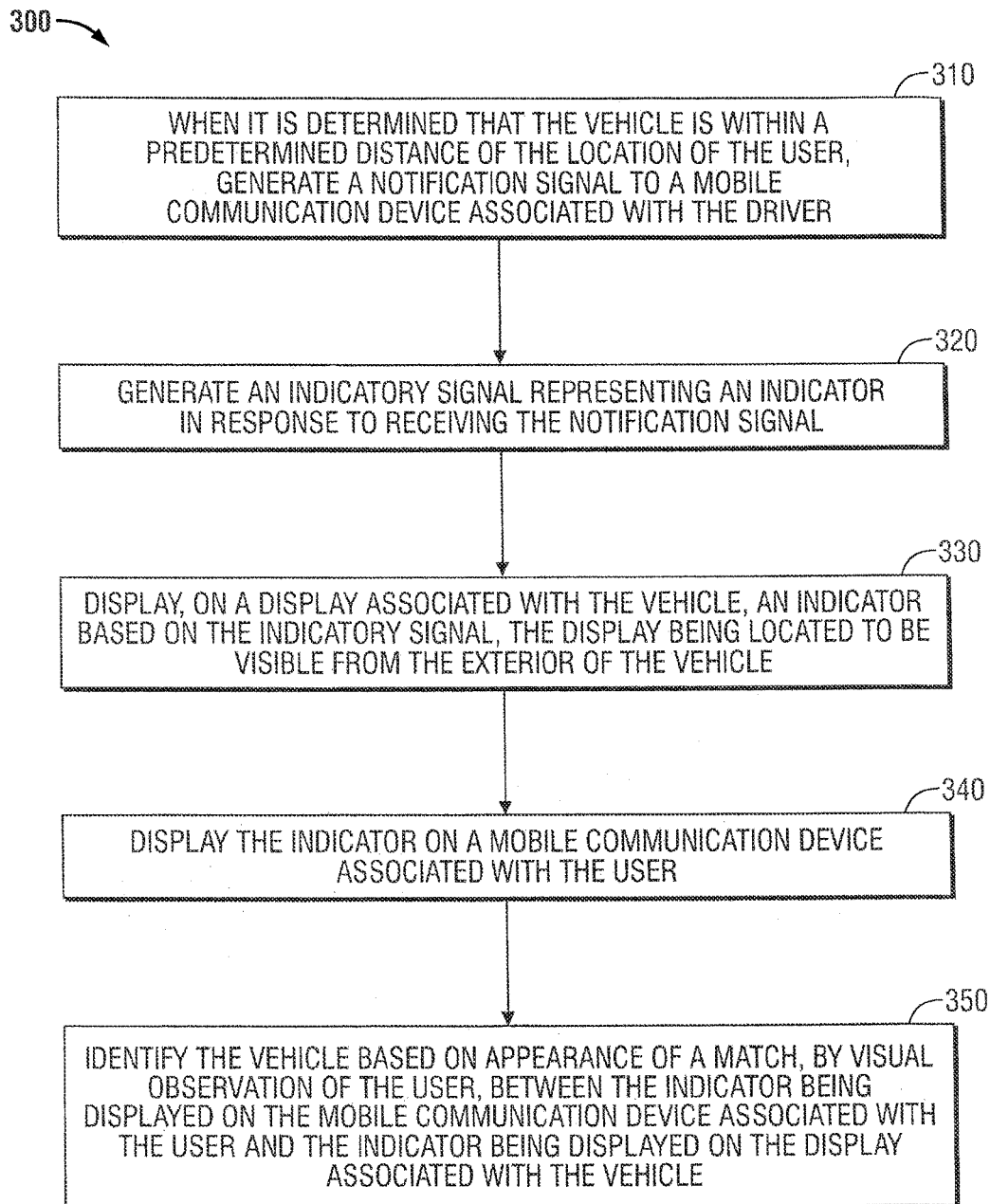
FIG. 3

DOCKET ALARM

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