

EXHIBIT 4

TO COMPLAINT

(12) **United States Patent**
Petite et al.

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(54) **SYSTEMS AND METHODS FOR MONITORING VEHICLE PARKING**

(52) **U.S. Cl.** 340/539.1; 340/932.2

(58) **Field of Classification Search** 340/539.1, 340/932.2; 235/384, 382.5; 705/418
See application file for complete search history.

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Related U.S. Application Data

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(63) Continuation of application No. 12/477,329, filed on Jun. 3, 2009, now Pat. No. 8,013,732, which is a continuation of application No. 12/337,739, filed on Dec. 18, 2008, now Pat. No. 7,978,059, which is a continuation of application No. 11/395,685, filed on Mar. 31, 2006, now Pat. No. 7,468,661, which is a continuation of application No. 10/139,492, filed on May 6, 2002, now Pat. No. 7,053,767, which is a continuation of application No. 09/439,059, filed on Nov. 12, 1999, now Pat. No. 6,437,692, which is a continuation-in-part of application No. 09/271,517, filed on Mar. 18, 1999, now abandoned, and a continuation-in-part of application No. 09/412,895, filed on Oct. 5, 1999, now Pat. No. 6,218,953, and a continuation-in-part of application No. 09/172,554, filed on Oct. 14, 1998, now Pat. No. 6,028,522, and a continuation-in-part of application No. 09/102,178, filed on Jun. 22, 1998, now Pat. No. 6,430,268.

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(57) **ABSTRACT**

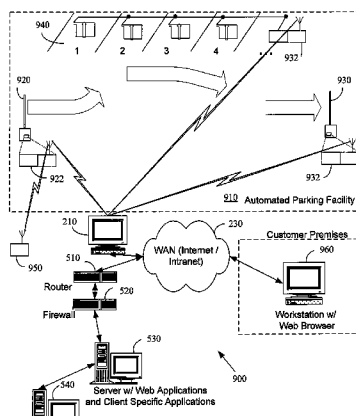
Embodiments of the present invention are generally directed to systems and methods of monitoring vehicle parking. An exemplary embodiment of the present invention provides a vehicle parking monitoring system that includes a parking space sensor enabled to detect the presence of at least one vehicle in a first parking space of a first parking area and a parking area transceiver in communication with the parking space sensor, the parking area transceiver configured to receive information from the parking space sensor and transmit the information to a gateway. The parking area transceiver is also configured to receive information from the gateway. The gateway is connected to a wide area network and configured to receive information from the parking area transceiver and transmit the information to the wide area network, the gateway is also configured to receive information from the wide area network and transmit the information to the parking area transceiver. Other aspects, features, and embodiments are also claimed and described.

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20 Claims, 18 Drawing Sheets



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