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Patent 8,315,203

Patent Owner Demonstratives

'203 Disclosure

(57)

ABSTRACT

A multi-dimensional, such as a three-dimensional, map is created using nodes in communication with each other. The nodes communicate with each other wirelessly via radio frequency (RF) using Bluetooth™ protocol. Detailed location information from the location nodes is downloaded. A mesh network of nodes is in communication with at least one base station and, in turn, is in communication with at least one control center. A mobile device associated with a user located in a specific area of a geographical location is in communication with a control center to create a multi-dimensional map.

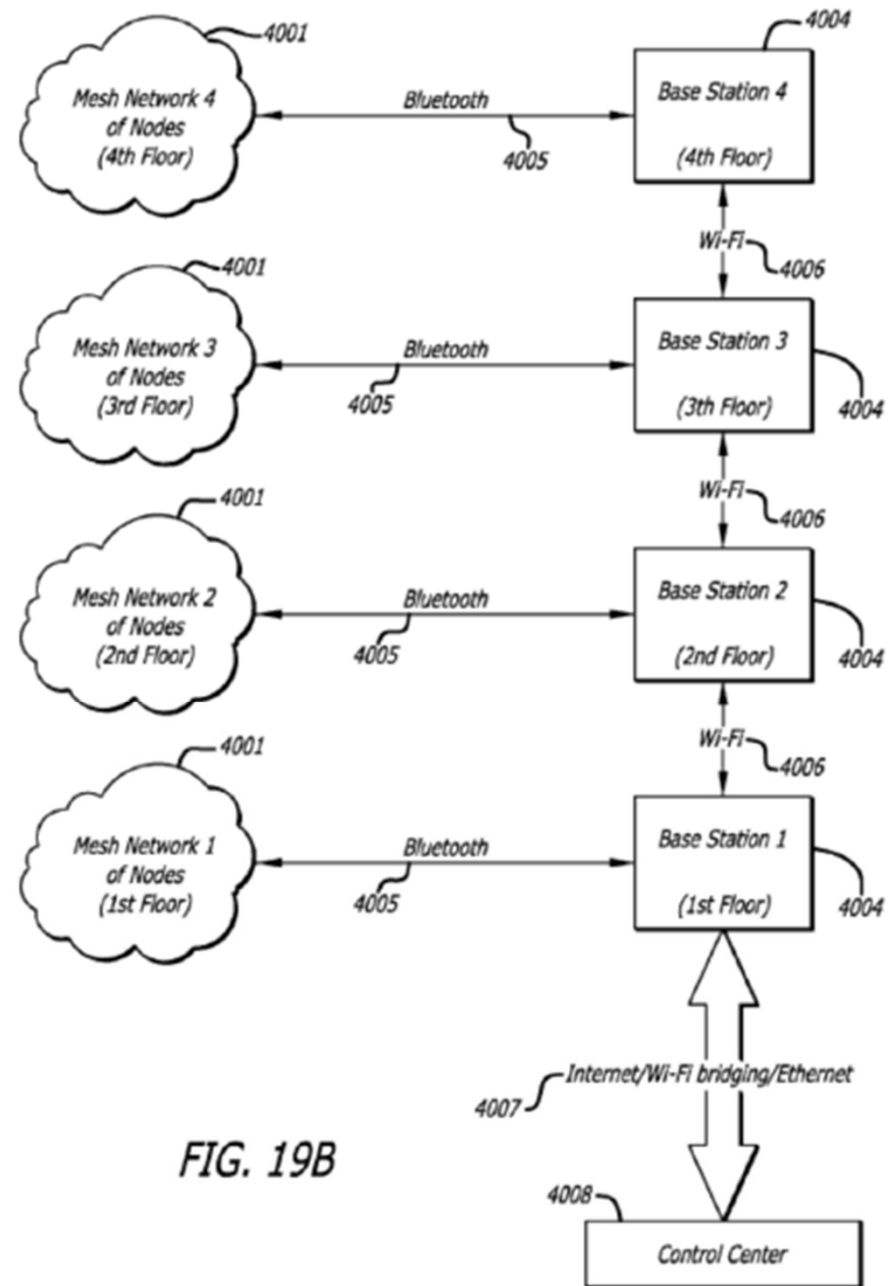


FIG. 19B

'203 Patent – Figure 19B

RE: Claims 1, 29, and 30 of the '203 Patent

Claim 1

1.[pre] A method for developing a map for use by a user, the user being selectively individuals, vehicles, and other entities, comprising:

1[A] using a geographical zone, the zone selectively being a preconfigured geographical zone,

1[B] the zone including a plurality of spaced apart nodes, wherein the nodes are arranged in a multi-dimensional sense, the location of the plurality of nodes in the multidimensional sense being placed with a structure attached to the ground;

1[C] sending data communications between one or more of the nodes, one or more users, and one or more control stations; and

1[Di] affecting multi-dimensional mapping according to the placement of the nodes and the communications between the nodes and the control stations, wherein the mapping is affected in a three-dimensional sense, selectively being a three-dimensional sense in the x, y, and z axes or coordinates and the structure is a building, the building having different elevational levels

1[Dii] and there are nodes on different elevational levels whereby there are nodes at multiple different elevational levels,

1[Diii] and wherein the system narrows the plurality of nodes for use by the user at a first elevational level to the most practically near node to the user, such that a node at another elevational level, even though physically closer to the user at the first elevational level is excluded as being a node the most practically near to that user, and a different node at the elevational level of the user is selected as the most practically near to that user.

RE: Claims 1, 29, and 30 of the '203 Patent

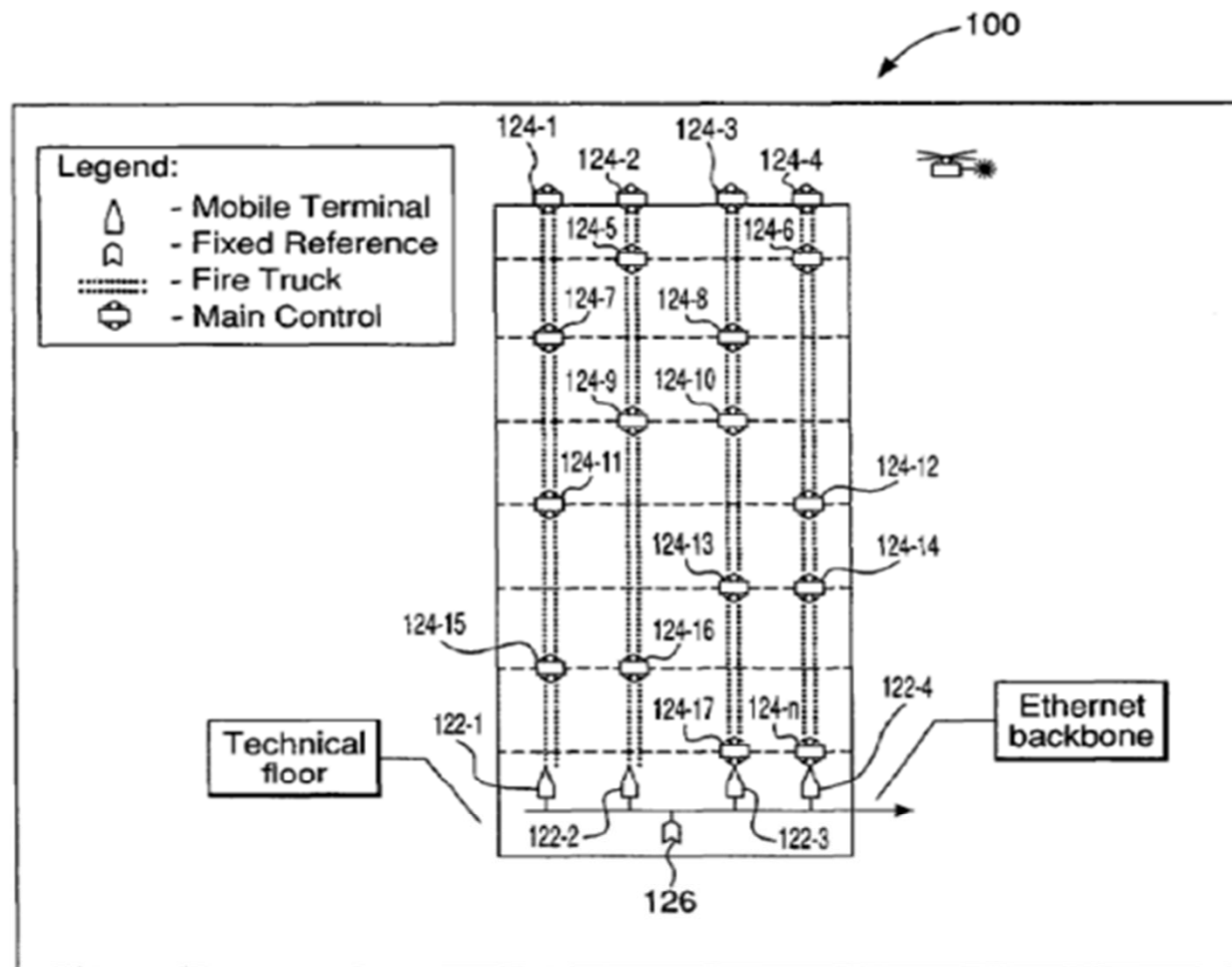
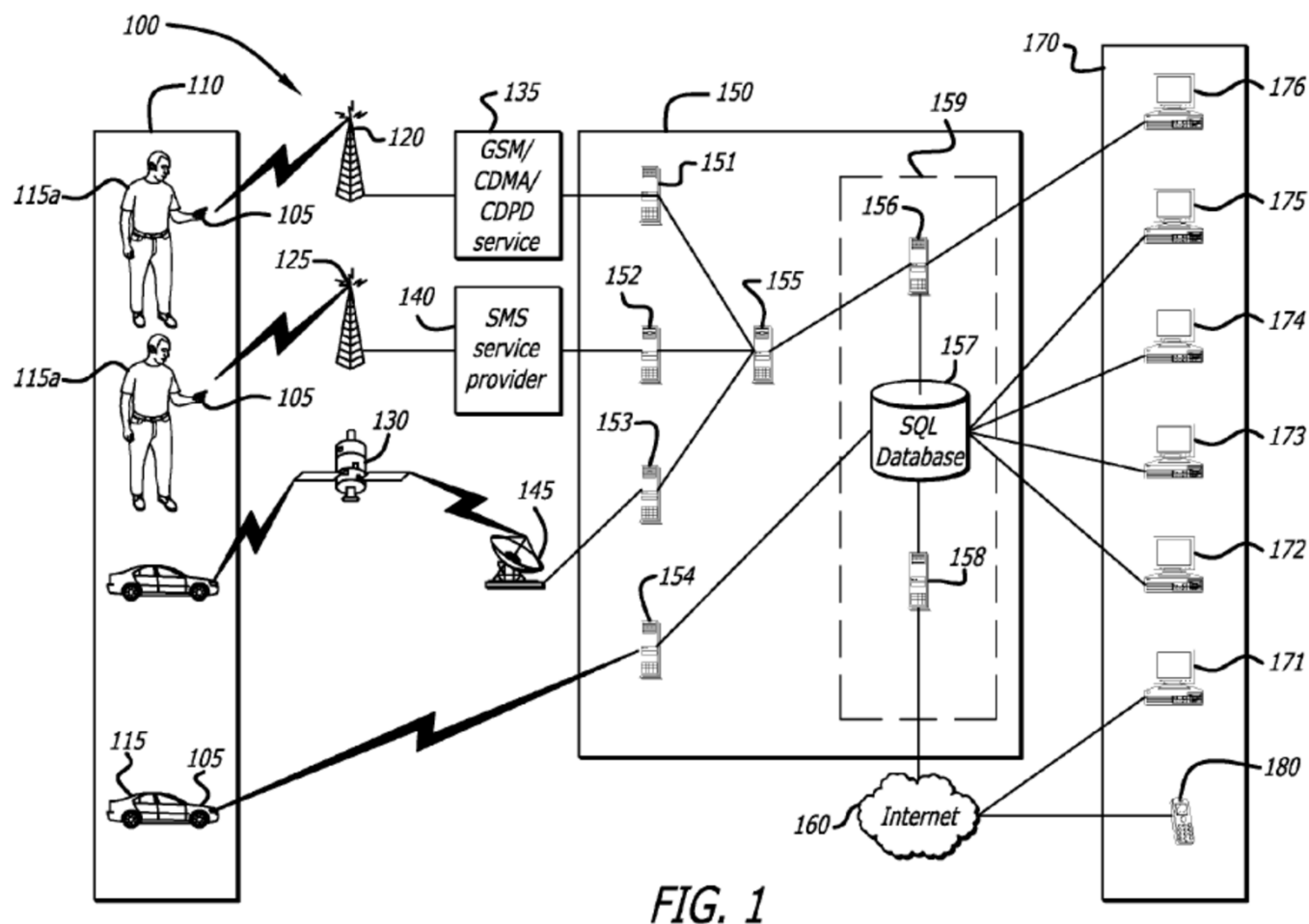


FIGURE 3

Belcea – Figure 3

RE: Claims 1, 29, and 30 of the '203 Patent



'203 Patent – Figure 1

RE: Claims 1, 29, and 30 of the '203 Patent

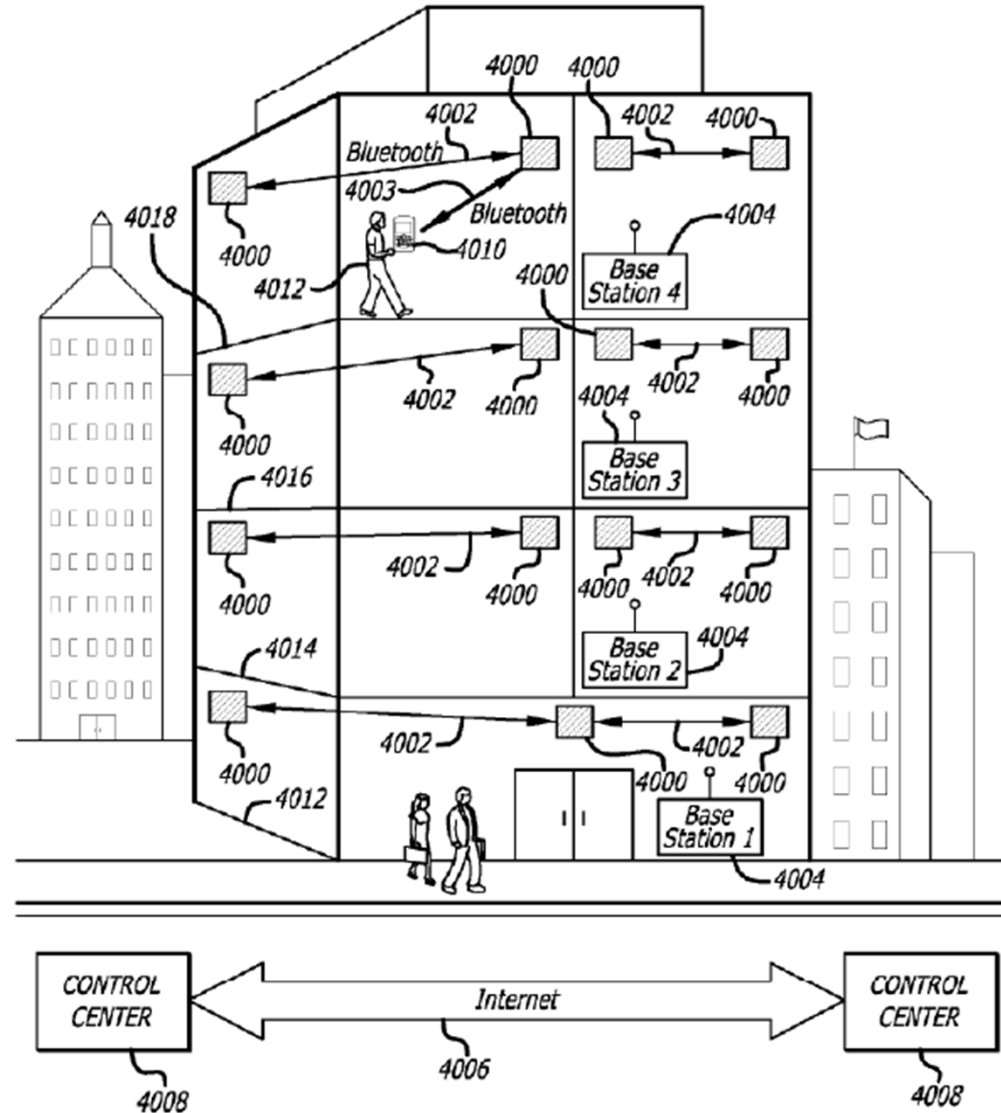


FIG. 19A

'203 Patent – Figure 1