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[Continued on next page]

(54) Title: SCALABLE SATELLITE DEPLOYMENT

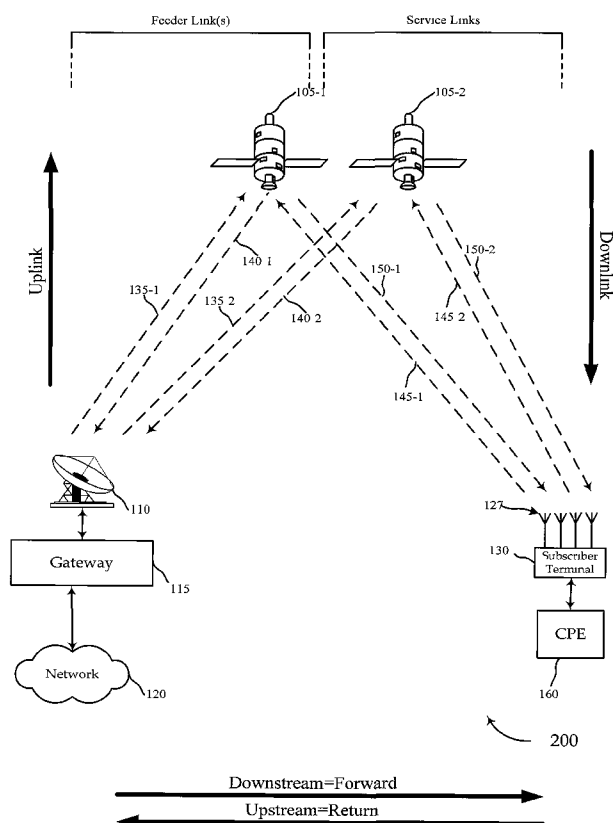


FIG. 2C

(57) **Abstract:** A scalable subscriber terminal for bi-directional communication with a gateway through one or more satellites is provided according to another embodiment of the invention. The scalable subscriber terminal may comprise a plurality of antennas and be configured to operate in at least a first communication mode prior to switching to a second communication mode. The first communication mode may comprise communicating with the gateway through a first satellite. The second communication mode may include communicating with the gateway through the first satellite and a second transceiver. The scalable subscriber terminal may download MIMO operational firmware from the gateway through the first satellite prior to switching to the second communication mode. The first communication mode may be a SISO or SIMO mode. The second communication mode may be a MISO or MIMO mode. The second transceiver may be a second satellite or a terrestrial repeater.



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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal , WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>YAMASHITA F ET AL: "Broadband multiple satellite MIMO system"</p> <p>VEHICULAR TECHNOLOGY CONFERENCE, 2005.</p> <p>VTC-2005-FALL. 2005 IEEE 62ND DALLAS, TX, USA 25-28 SEPT., 2005, PISCATAWAY, NJ, USA, IEEE,</p> <p>vol. 4, 25 September 2005 (2005-09-25), pages 2632-2636, XP010878930</p> <p>ISBN: 978-0-7803-9152-9</p> <p>abstract</p> <p>page 1, left-hand column, paragraph 1 - paragraph 2</p> <p>figures 1,2</p> <p>-----</p> <p>-/--</p>	1-15



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(^Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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