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(71) Applicant *(for all designated States except US)*: **QUALCOMM Incorporated** [US/US]; ATTN: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **LI, Junyi** [CN/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **LAROIA, Rajiv** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **PARK, Vincent D.** [US/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **RICHARDSON, Thomas** [US/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **TAVILDAR, Saurabh** [IN/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US). **WU, Xinzhou** [CN/US]; 5775 Morehouse Drive, San Diego, California 92121-1714 (US).

(74) Agent: **O'HARE, James K.**; ATTN: International IP Administration, 5775 Morehouse Drive, San Diego, California 92121-1714 (US).

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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: METHODS AND APPARATUS FOR WIRELESS COMMUNICATIONS INCLUDING DIRECT PAGING IN COMBINATION WITH HOPPED DATA SIGNALING

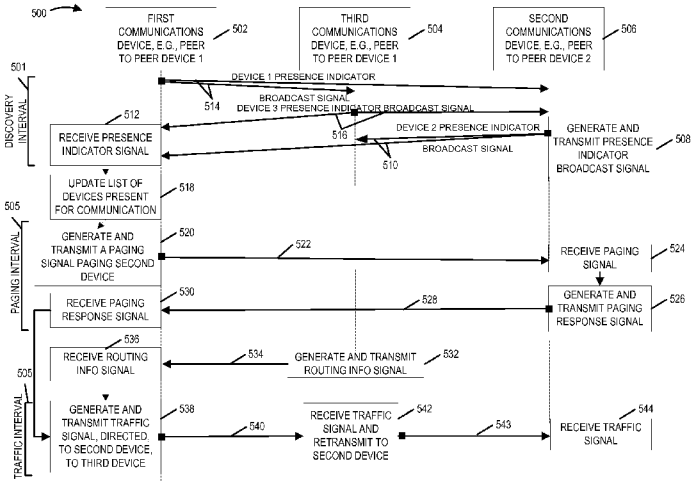


FIGURE 4

(57) Abstract: Methods and apparatus for wireless communications in regional networks, e.g., ad hoc peer to peer networks, are described. Wireless communications devices transmit and monitor for presence indicator signals broadcast from other peer communications devices in its local vicinity. A wireless communications device maintains a list of discovered devices in its vicinity. A first wireless communications device transmits a paging signal directly over an airlink to a second communications device, which is on its list and to which it desires to send data units, e.g., user data in a peer to peer traffic segment. In response to a received paging response signal from the second device, the first device transmits data units, intended for the second device, to a third device, which acts as an intermediary node. The power level for the data unit signal is controlled to be lower than the power level used for the paging signal.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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