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(71) Applicant *(for all designated States except US)*: **INTERDIGITAL PATENT HOLDINGS, INC.** [US/US]; 3411 Silverside Road, Concord Plaza, Suite 105, Hagley Building, Wilmington, Delaware 19810 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **TERRY, Stephen, E.** [US/US]; 15 Summit Avenue, Northport, New York 11768 (US). **SAMMOUR, Mohammed** [CA/CA]; 2555 Modugno, Apt. #705, Montreal, Québec H4R 2L5 (CA).

(74) Agent: **HWANG, Yong, Beom**; Volpe and Koenig, 30 South 17th Street, United Plaza, Suite 1600, Philadelphia, Pennsylvania 91903 (US).

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(54) Title: METHOD AND APPARATUS FOR TRIGGERING RADIO LINK CONTROL PACKET DISCARD AND RADIO LINK CONTROL RE-ESTABLISHMENT

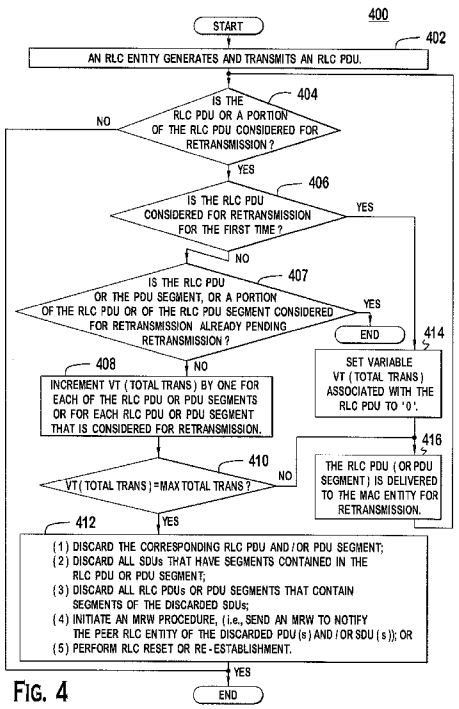


FIG. 4

(57) Abstract: A method and apparatus for triggering radio link control (RLC) re-establishment and/or protocol data unit (PDU) discard are disclosed. An RLC entity maintains a state variable for counting a total number of transmissions and/or retransmissions of an RLC PDU and its PDU segments. If the state variable reaches a threshold, the RLC entity initiates RLC re-establishment and/or discards the RLC PDU and PDU segments. The state variable may be incremented each time a negative acknowledgement is received for at least a portion of the RLC PDU or when a retransmission is considered for the RLC PDU or a portion of the RLC PDU. The RLC entity may increase a state variable proportionate to a retransmitted data size. The RLC entity may maintain separate state variables for the RLC PDU and PDU segments and counts the number of transmissions and/or retransmissions for the RLC PDU and the PDU segments.

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