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(71) Applicant (for all designated States except US): **INTER-DIGITAL TECHNOLOGY CORPORATION** [US/US];
300 Delaware Avenue, Suite 527, Wilmington, Delaware
19801 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ZHANG, Guodong**
[CN/US]; 490 Main Street, Apt. C8, Farmingdale, New

York 11735 (US). **TERRY, Stephen, E.** [US/US]; 15 Summit Avenue, Northport, New York 11768 (US). **DICK, Stephen, G.** [US/US]; 61 Bobann Drive, Nesconset, New York 11767 (US).

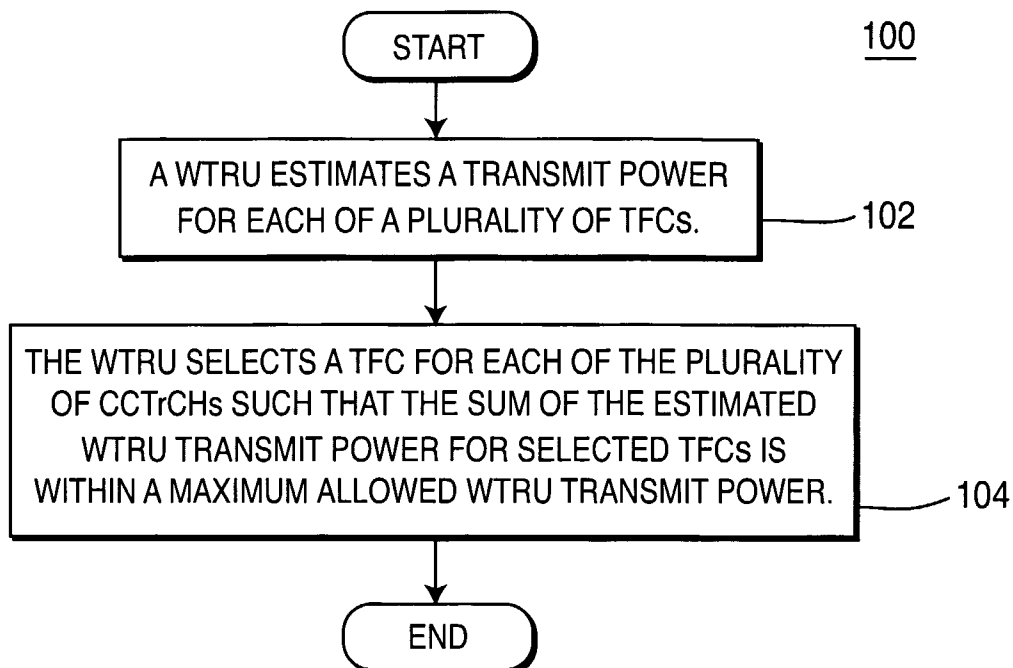
(74) Agent: **BALLARINI, Robert, J.**; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 S. 17th Street, Philadelphia, Pennsylvania 19103 (US).

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(54) Title: TRANSPORT FORMAT COMBINATION SELECTION IN A WIRELESS TRANSMIT/RECEIVE UNIT



(57) Abstract: A method for selecting a transport format combination (TFC) in a wireless transmit/receive unit (WTRU) is disclosed. The WTRU is configured to process more than one coded composite transport channel (CCTrCH) for uplink transmission. The WTRU estimates a transmit power for each of a plurality of available TFCs and selects a TFC for each CCTrCH such that the sum of the estimated WTRU transmit power for selected TFCs is within a maximum WTRU transmit power.

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