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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): **RAHMAN, Shamin, Abkar** [CA/CA]; 1700 Rene-Levesque Blvd.
West, Apt. 1003, Montreal, Québec H3H 2V1 (CA).
ZUNIGA, Juan, Carlos [MX/CA]; 955 Rue Gohier Ville

St. Laurent, Montreal, Québec H4L 3J4 (CA). **RUDOLF, Marian** [DE/CA]; 2046 Rue de la Visitation, Montreal,
Québec H2L 3C7 (CA).

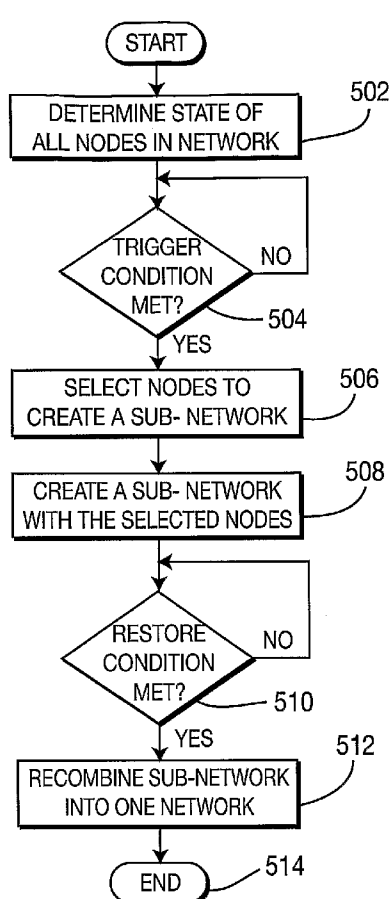
(74) Agent: **BALLARINI, Robert, J.**; Volpe and Koenig, P.C.,
United Plaza, Suite 1600, 30 S. 17th Street, Philadelphia,
PA 19103 (US).

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(54) Title: LOGICAL AND PHYSICAL MESH NETWORK SEPARATION



(57) Abstract: A method for creating sub-networks in a wireless mesh network begins by determining whether a trigger condition for creating a sub-network exists. Nodes in the mesh network are selected to create the sub-network if the trigger condition exists. The sub-network is then created with the selected nodes. A node for use in a wireless mesh network includes a state device for maintaining a state of the node, the state of the node relating to activity occurring at the node; an attachment list communicating with the state device; a trigger device communicating with the state device; and an attachment device communicating with the attachment list and the trigger device



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