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(71) Applicant (for all designated States except US): **AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH** [SG/SG]; 1 Fusionopolis Way, #20-10 Connexis, Singapore 138632 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SETHAKASET Ubolthip** [TH/SG]; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way, #21-01 Connexis South Tower, Singapore 138632 (SG). **QUEK Quee Seng, Tony** [SG/SG]; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way, #21-01 Connexis South Tower, Singapore 138632 (SG). **SUN Sumei** [SG/SG]; c/o PKM, Institute for Infocomm Research, 1 Fusionopolis Way, #21-01 Connexis South Tower, Singapore 138632 (SG).

(74) Agent: **DHALIWAL, S. RajDave Singh**; Marks & Clerk Singapore LLP, Tanjong Pagar, P O Box 636, Singapore 910816 (SG).

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(54) Title: WIRELESS TRANSMISSION OF LAYERED SIGNALS IN A RELAY NETWORK

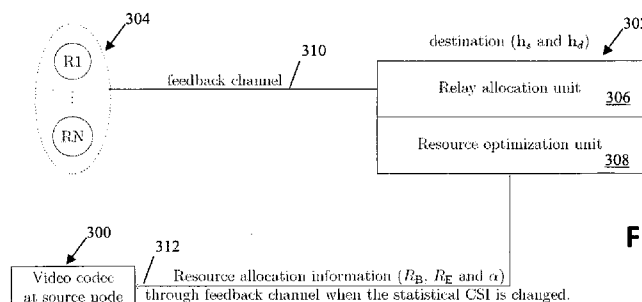


FIGURE 3

(57) Abstract: The wireless transmission of layered signals, in a described embodiment, uses multiple relay nodes (304) to implement cooperative diversity. The method includes: (i) receiving layered signals from a source node (300), (ii) receiving, from a destination node (302), a relay allocation parameter to implement a cooperative relay strategy with one or more other relay nodes (304), and (iii) relaying the layered signals to the destination node (302) using the cooperative relay strategy.