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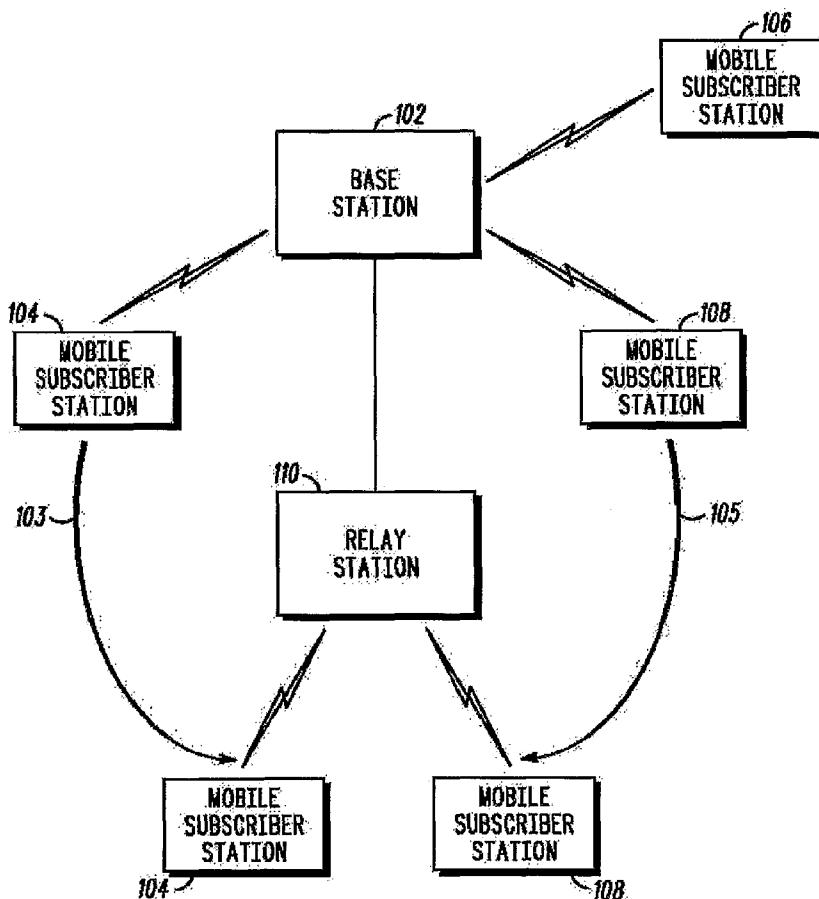
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- (71) Applicant (for all designated States except US): **MO-TOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **NATARAJAN, Kadathur, S.** [US/US]; 729 Chilton Lane, Wilmette, Illinois 60091 (US). **ASA, Masahito** [JP/JP]; 2-6-18-722 Higashishinkoiwa, Katsushikaku, Tokyo 124-0023 (JP). **CHEN, David, T.** [CN/US]; 1067 N. Penny Lane, Palatine, Illinois 60067 (US).

- (74) Agents: **ANOLICK, Simon, B.** et al.; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR ALLOCATING SUB-CHANNELS IN A NETWORK



(57) Abstract: At least one operating condition is determined for a first mobile subscriber station (104) that is operating in an orthogonal frequency division multiple access (OFDMA) network. The first mobile subscriber station (104) is handed off from a base station (102) to a relay station (110). Based upon the at least one operating condition, at least one sub-channel is subsequently assigned from a plurality of sub-channels of a frequency band to the first mobile subscriber station (104) in order to provide an assigned sub-channel resource to the first mobile subscriber station (104). The assigned sub-channel resource can potentially be any of the plurality of sub-channels of the frequency band.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/0009228 A1 (KANG et al) 12 January 2006 (12.01.2006) entire document	1-10
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