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- (71) **Applicant (for all designated States except US):** **QUALCOMM Incorporated** [US/US]; Attn: International Ip Administration, 5775 Morehouse Drive, San Diego, California 92121 (US).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** **KITAZOE, Masato** [JP/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).
- (74) **Agents:** **BACHAND, Richard, A.** et al.; 5775 Morehouse Drive, San Diego, California 92121 (US).
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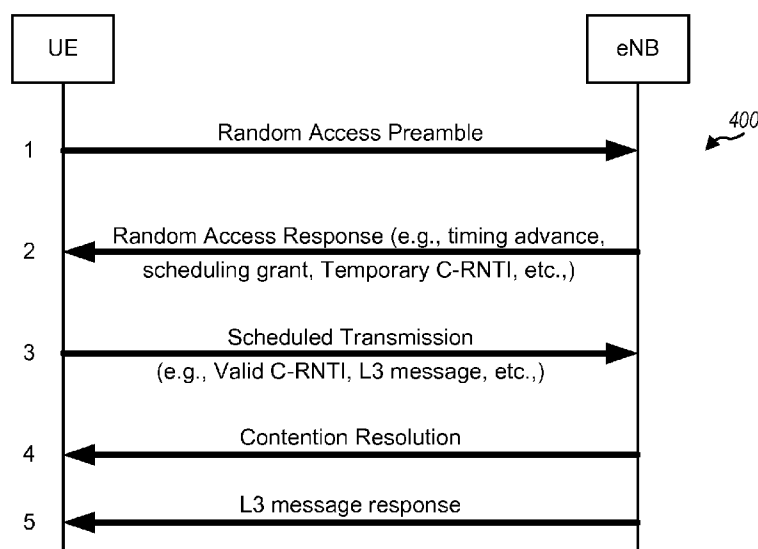
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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(54) **Title:** RE-SYNCHRONIZATION OF TEMPORARY UE IDS IN A WIRELESS COMMUNICATION SYSTEM



(57) **Abstract:** Techniques for re-synchronizing Cell Radio Network Temporary Identifiers (C-RNTIs) in a wireless communication system are described. In one design, a user equipment (UE) sends a random access preamble for random access. A base station receives the random access preamble, assigns a Temporary C-RNTI to the UE, and sends a random access response including the Temporary C-RNTI. The UE uses the Temporary C-RNTI as a C-RNTI for itself if a valid C-RNTI is not already available. The UE discards the Temporary C-RNTI and uses the valid C-RNTI if available. The UE sends a transmission after receiving the random access response, and the transmission may include the valid C-RNTI if available. For handover, the base station (a target base station) receives a handover request from a source base station, assigns the valid C-RNTI to the UE, and sends the valid C-RNTI to the source base station for forwarding to the UE.



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- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*