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(71) Applicant: **QUALCOMM, INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

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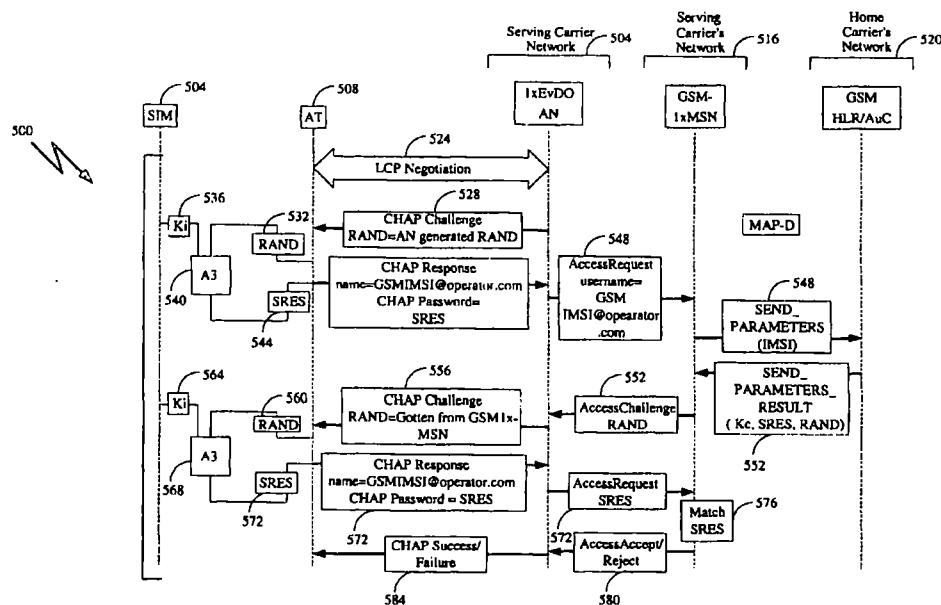
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(72) Inventor: **PAREKH, Nileshkumar J.**; 12343 Caminito Mirada, San Diego, CA 92131 (US).

(74) Agents: **WADSWORTH, Philip, R.** et al.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

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(54) Title: METHOD AND APPARATUS FOR ACCESS NETWORK AUTHENTICATION



(57) **Abstract:** In a wireless communication system, a method of authenticating a mobile station is claimed. A first CHAP challenge message (528) is transmitted. A first CHAP response message is received in response to the first CHAP message. An IMSI message (548) corresponding to the received CHAP message is transmitted. A plurality of parameters (552) is received in response to the transmitted IMSI message. At least one parameter (556) is then transmitted. A second CHAP response message (572) is received in response to the transmitted parameter. The second CHAP response message is then compared to one of said plurality of parameters (576).

WO 03/092252 A1



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