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<p>(21) International Application Number: PCT/US99/20280</p> <p>(22) International Filing Date: 3 September 1999 (03.09.99)</p> <p>(30) Priority Data: 09/150,074 9 September 1998 (09.09.98) US</p> <p>(71) Applicant: QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).</p> <p>(72) Inventors: KANG, Inyup; Apartment 326, 5385 Toscana Way, San Diego, CA 92126 (US). SIH, Gilbert, C.; 7804 Pipit Place, San Diego, CA 92129 (US). ZOU, Qizhen; 11507 Westview Parkway, San Diego, CA 92126 (US).</p> <p>(74) Agents: MILLER, Russell, B. et al.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>
<p>(54) Title: RECEIVER FOR PERFORMING POSITION LOCATION WITH EFFICIENT ROTATOR</p> <div data-bbox="319 1187 1324 1568"> </div>		
<p>(57) Abstract</p> <p>The present invention is a novel and improved method and apparatus for performing position location in wireless communications system. One embodiment of the invention comprises a method for performing position location comprising the steps of receiving signal samples, generating a coarse acquisition sequence, rotating said coarse acquisition sequence yielding a rotated coarse acquisition sequence, and applying said rotated coarse acquisition sequence to said signal samples at a set of time offsets yielding correlated output data.</p>		