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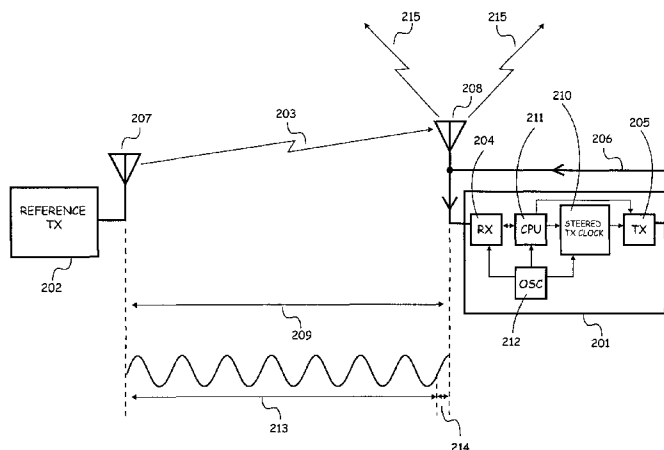
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- (71) Applicant (for all designated States except US): **QX CORPORATION PTY LTD** [AU/AU]; 401 Clunes Ross Street, Acton, ACT 2601 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SMALL, David** [AU/AU]; U63, 13-15 Sturt Ave, Griffith, ACT 2603 (AU).
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(54) Title: A METHOD AND DEVICE FOR CHRONOLOGICALLY SYNCHRONIZING A LOCATION NETWORK



(57) Abstract: A method of chronologically synchronising a unique a unique positioning signal generated by a Positioning Unit Device at a known location to a reference transmitter generating a reference positioning signal at another known location, the method comprising: a) receiving and interpreting said reference positioning signal to determine a reference positioning signal propagation delay between the reference transmitter and the Positioning Unit Device, b) generating, transmitting and receiving said unique positioning signal, c) interpreting said received reference positioning signal to deduce: i) the transmit minus receive time of the reference positioning signal by said Positioning Unit Device; ii) the transmit minus receive time of the unique positioning signal by said Positioning Unit Device; and d) comparing steps c i) and c ii) to deduce a chronological transmission difference; and e) chronologically adjusting said unique positioning signal by said deduced chronological transmission difference, offset by said reference signal propagation delay, f) transmitting said unique positioning; such the said unique positioning signal is chronologically synchronised to said reference transmitter.



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