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(54) Title: MULTIPLE ACCESS TRANSMISSION SCHEME FOR A WIRELESS SYSTEM

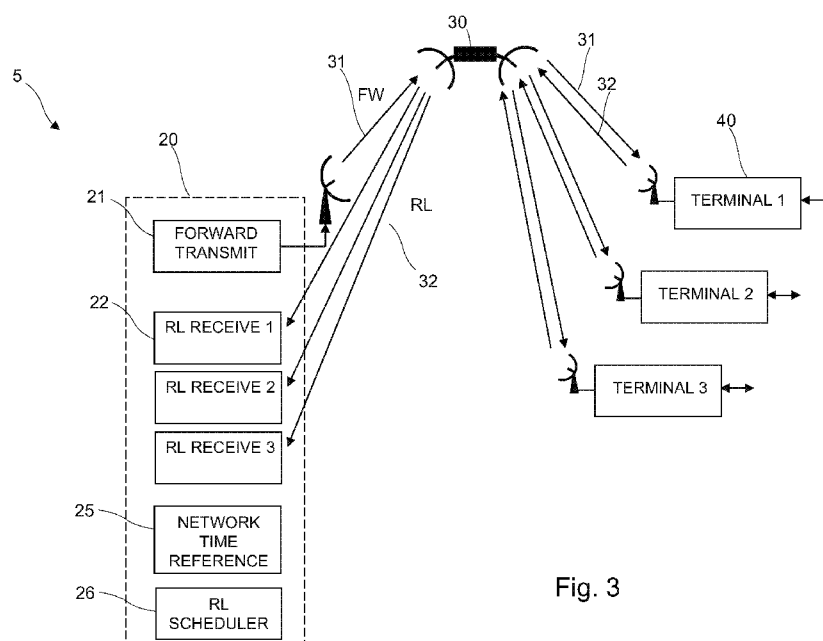


Fig. 3

(57) Abstract: A wireless multiple access communication system (5) comprises a forward link (31) to a terminal (40) and a return link (32) from a terminal (40). The return link (32) uses a medium which is shared between terminals (40) on the basis of time and frequency. A terminal (40) transmits a return link signal (32) from the terminal comprising a sequence of transmission slots (51, 52, 53), each transmission slot being defined as a time slot and, carrier frequency, wherein carrier frequency and symbol rate can change between transmission slots. The return link signal (32) is transmitted continuously across the sequence of transmission slots (51, 52, 53). The terminal can transmit a return link signal (32) which is phase continuous across the transmission slots.



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