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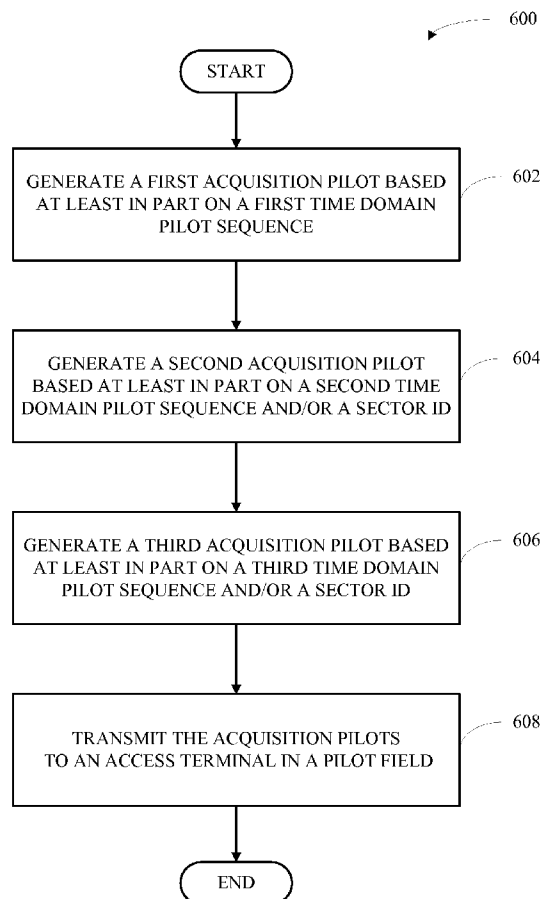
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(54) Title: SIGNAL ACQUISITION IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: Systems and methodologies are described that generate pilots for signal acquisition in a wireless communication system based on time domain sequences. The pilots may be generated by a base station and transmitted in a pilot field to one or more access terminals to aid in signal acquisition at each of the access terminals. One of the pilots may be common to all access points in the wireless communication system, thereby allowing an access terminal to obtain a timing estimate for the system while minimizing the effects of interference variations between base stations. Further, one or more generated pilots may be unique to each access point in order to allow each respective access point to be identified by its generated pilots.

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