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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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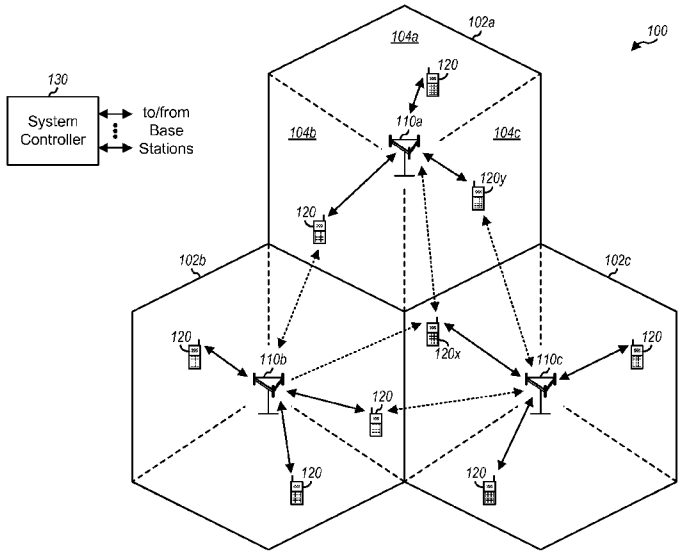
(54) **Title:** INTERLACE-BASED CONTROL CHANNEL BALANCING IN A WIRELESS COMMUNICATION NETWORK



(57) **Abstract:** Systems and methodologies are described that provide interlace-based scheduling for control channels in a wireless communication system. One or more control channels for communication between a base station and a mobile terminal in the wireless communication system may be scheduled on one or more frame interlaces in the system based on one or more conditions of each frame interlace in the system. These conditions may include overhead balance between the frame interlaces, processing timeline optimization for the frame interlaces at the scheduling base station, and the desirability of discontinuous transmission (DTX) at a mobile terminal.

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