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Declarations under Rule 4.17:

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

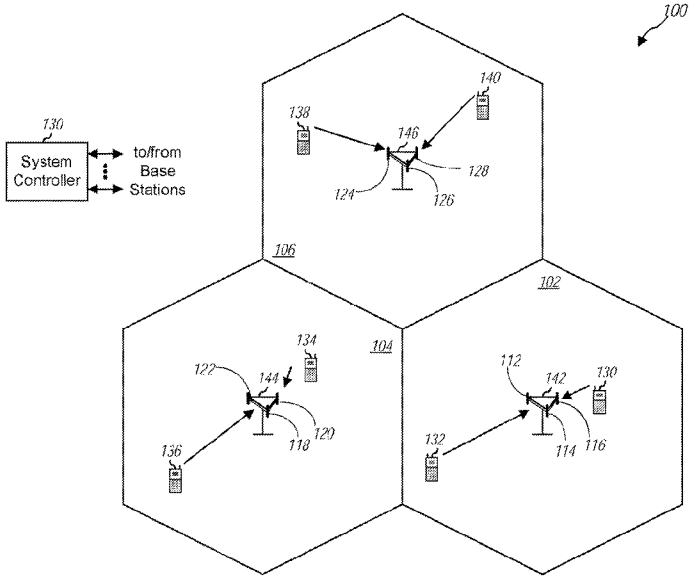
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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[Continued on next page]

(54) **Title:** RATE CONTROL FOR MULTI-CHANNEL COMMUNICATION SYSTEMS



(57) **Abstract:** Various methods and systems for determining reverse-link data rates in a multi-user communication system are disclosed. For example, an apparatus for controlling a data rate of at least a first UE in a multi-user communication system is disclosed. The apparatus may include a channel estimation device configured to determine channel estimates for a plurality of different reverse-link signals to produce a plurality of channel estimates, a demodulation device configured to determine a first signal-to-noise (SNR) ratio for the first UE using the plurality of different channels estimates, and a data rate determining device configured to determine a first reverse-link data rate for the first UE using the first SNR.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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