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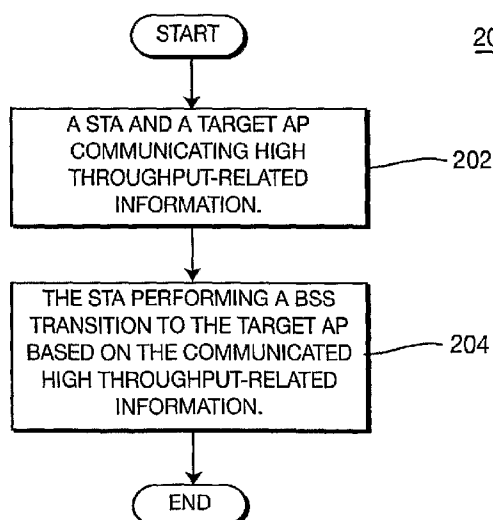
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(54) Title: METHOD AND SYSTEM FOR ENHANCED BASIC SERVICE SET TRANSITION FOR A HIGH THROUGHPUT WIRELESS LOCAL AREA NETWORK



(57) Abstract: A wireless local area network (WLAN) includes at least one high throughput-enabled access point (AP) and at least one high throughput-enabled station (STA). A STA and a target AP communicate high throughput-related information and the STA performs a basic service set (BSS) transition to the target AP based on the high throughput-related information. The high throughput-related information may be included in an IEEE 802.11r, 802.11k, or 802.11v signaling message. The STA may send measurement reports for an extended range and a normal range of an AP separately, or may send a combined measurement report for an extended range and a normal range of an AP. A network management entity may obtain current status information of the STA and the AP regarding high throughput capabilities, features and parameters and selectively enable and disable at least one of the high throughput capabilities, features and parameters of the STA and the AP.



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