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

[Continued on next page]

(54) **Title**: REPORTING WIFI CHANNEL MEASUREMENTS TO A CELLULAR RADIO NETWORK

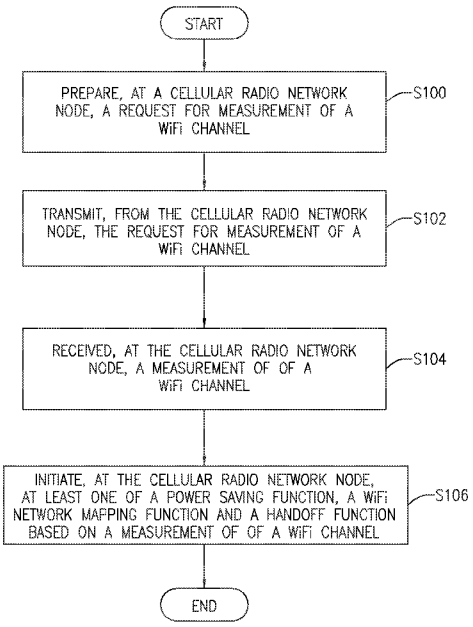

FIG. 4

(57) **Abstract**: A method and devices for providing measurements of WiFi network channels to a cellular radio network are disclosed. According to one aspect, the invention provides a method that includes preparing, at a node of the cellular radio network, a request for measurement of at least one WiFi channel. The measurement is to be provided by at least one user equipment having a WiFi transceiver and a cellular radio transceiver. The method includes transmitting, from the node of the cellular radio network, the request to the at least one user equipment. The node of the cellular radio network receives, from the at least one user equipment, at least one measurement of the at least one WiFi channel.

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