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

[Continued on next page]

(54) Title: WIRELESS COMMUNICATION INFORMATION RELAY

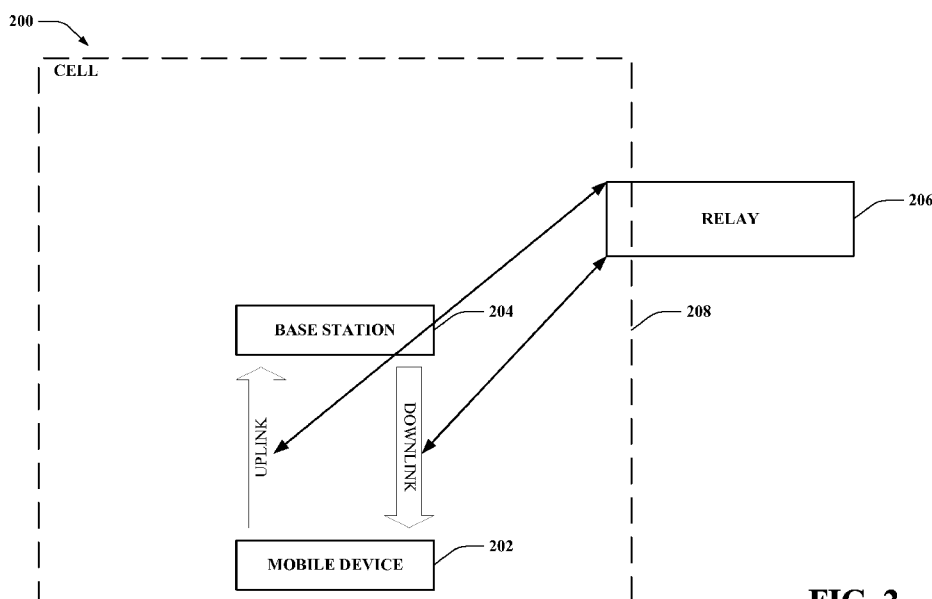


FIG. 2

(57) Abstract: To improve operation in a wireless communication system, a relay can be used to assist in transferring information from a mobile device to a base station. Uplink and downlink communications can be monitored to determine if a relay is at an edge of a cell and if there should be assistance provided. If there should be assistance performed, then digital or analog relay operations can be implemented. Multiple packet transmissions can take place as well as a scaled version of a transmission can be transferred.

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