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## (54) BEAM DIRECTION ASSISTED PAGING IN WIRELESS COMMUNICATION

(71) Applicant: QUALCOMM Incorporated, San Diego, CA (US)

Inventors: Navid ABEDINI, Basking Ridge, NJ

(US); Naeem AKL, Somerville, NJ (US); Jianghong LUO, Skillman, NJ (US); Tao LUO, San Diego, CA (US)

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(57)ABSTRACT

Beam-related paging assistance information can be exchanged between a core network, radio access networks, and user equipment. Beam-related paging assistance information can enable more efficient paging operations at a base station. A centralized unit (CU) of a base station can exchange beam-related paging assistance information with a distributed unit (DU) of the base station to facilitate paging operations using the beam-related paging assistance information.



Receive, at a centralized unit (CU) of the base station, first beam-related paging assistance information (BPAI) regarding a first UE, the first BPAI including information indicating a potential location of the first UE

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Communicate the first BPAI to a distributed unit (DU) of the base station for paging the first UE

1406

Paging the first UE in the potential location based at least in part on the first BPAI