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(54) **Title:** TECHNIQUES FOR SEARCH SPACE MANAGEMENT

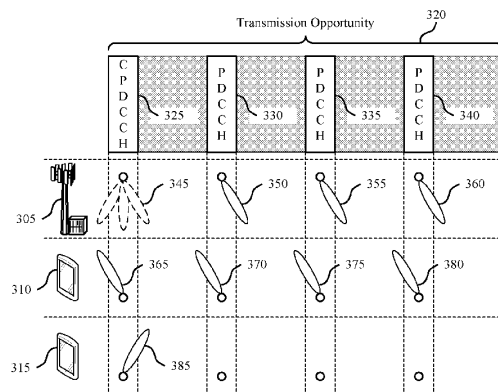


FIG. 3

(57) **Abstract:** Methods, systems, and devices for using a com-
mon physical downlink control channel (PDCCH) to indicate
transmission beams to be used by a base station during a trans-
mission opportunity or a periodicity to monitor search spaces are
described. A user equipment (UE) may monitor a search space
(in some cases, using a periodicity) for the common PDCCH to
determine if transmission beams associated with the UE are to
be used during the transmission opportunity. If so, the UE may
wake-up during at least a portion of the transmission opportunity
to receive additional information. If the common PDCCH indi-
cates that no transmission beams associated with the UE are to be
used during the transmission opportunity, the UE may enter or re-
enter the sleep state. The UE may switch to a new periodicity for
monitoring the search space based on the information transmitted
within the common PDCCH.