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(54) Title: PAGING USER DEVICES IN A WIRELESS ACCESS NETWORK

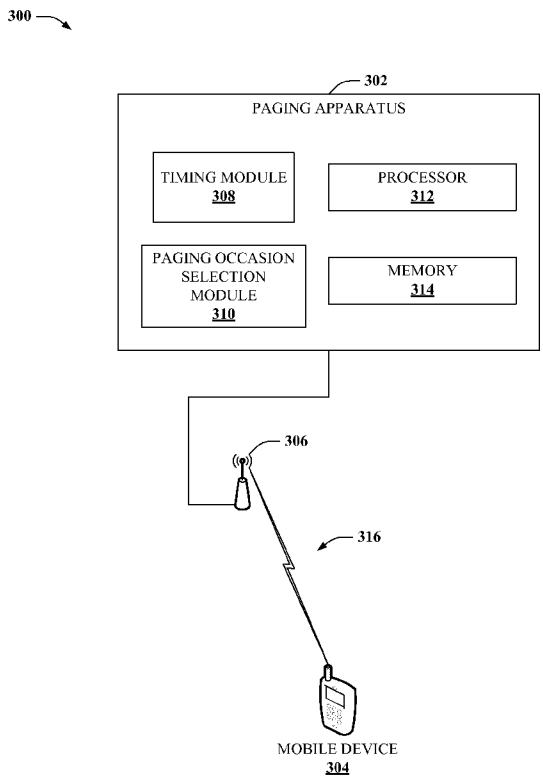


FIG. 3

(57) Abstract: Providing paging controls for mobile communication is described herein. By way of example, the paging controls can comprise paging occasions of a wireless signal determined from a formula based on an integer raised to a function of a constant power (*e.g.*, 2^K or 2^(K-L), where K and/or L are constant). Selected paging occasions can be grouped within the wireless signal, or distributed throughout a subset of time frames of the signal. Furthermore, paging groups can be assigned to each of the paging occasions by employing distinct identifiers of mobile device assigned to each paging occasion. By employing various paging occasions and paging groups, false alarm pages can be mitigated. According to at least one aspect, system information can be efficiently broadcast to multiple devices (*e.g.*, all devices in a cell) by employing at least one paging group assigned for cell-wide paging.

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

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