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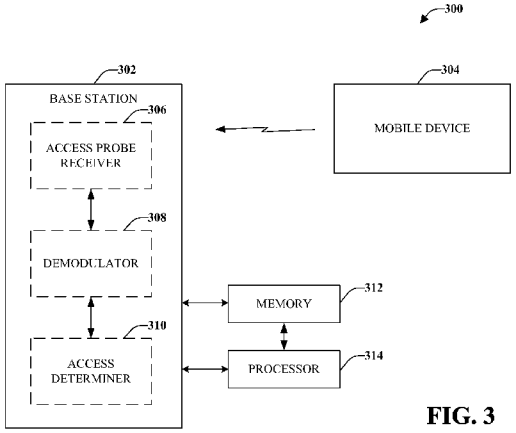


FIG. 3

(57) Abstract: Aspects describe a Fast Hadamard Transform that is common to multiple mobile devices. A scrambled sequence produced by the Fast Hadamard Transform can be utilized to decode access-based handoff probes from multiple terminals within a wireless communications system. A Walsh Sequence can be scrambled with a common random sequence to produce a scrambled sequence. At least a portion of the scrambled sequence is included in an access probe.

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