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(54) **EFFICIENT SIGNALING OVER ACCESS CHANNEL**

Publication Classification

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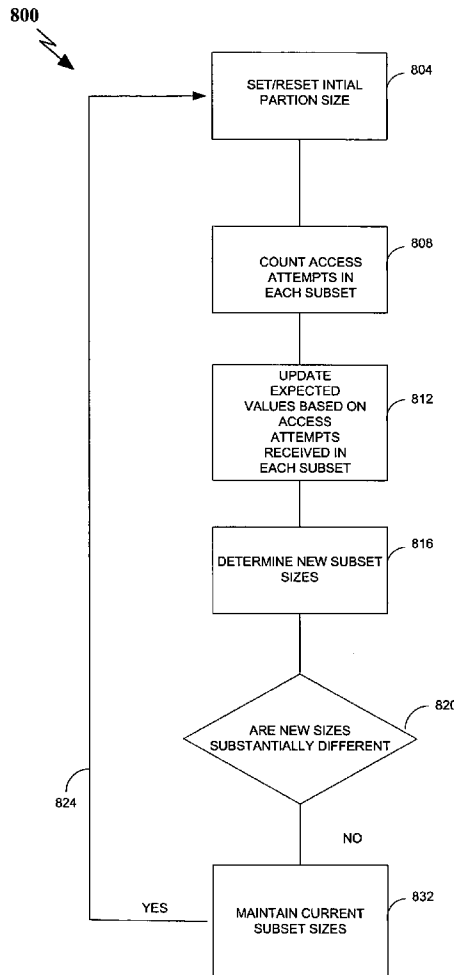
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(57) **ABSTRACT**

An apparatus and method for transmitting an indicator of channel quality while minimizing the use of a broadcast channel is described. A metric of forward link geometry of observed transmission signals is determined. An indicator of channel quality value is determined as a function of the observed transmission signals. An access sequence is selected, randomly, from one group of a plurality of groups of access sequences, wherein each of the plurality of groups of access sequences correspond to different ranges of channel quality values.

Related U.S. Application Data

(60) Provisional application No. 60/590,113, filed on Jul. 21, 2004.



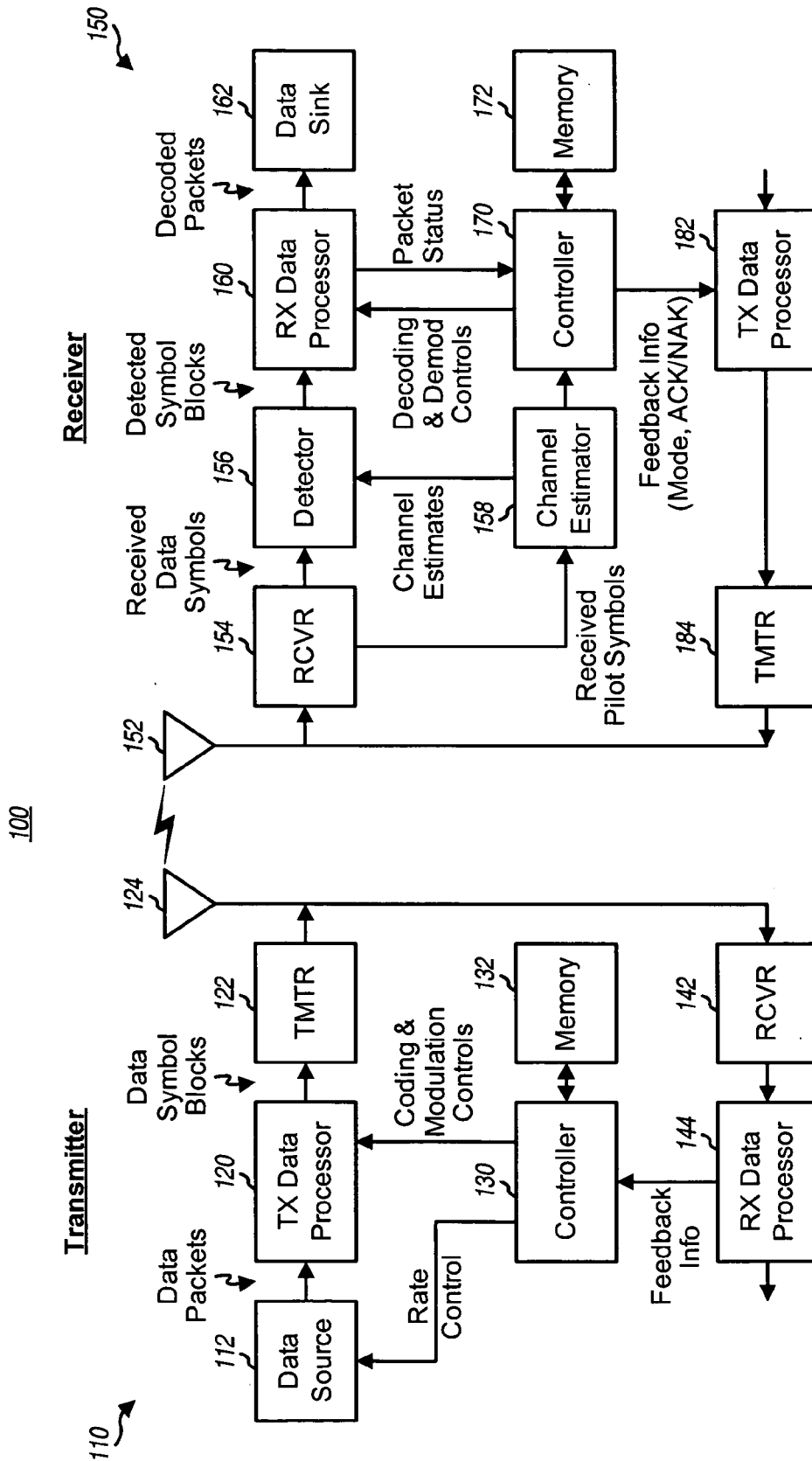


FIG. 1

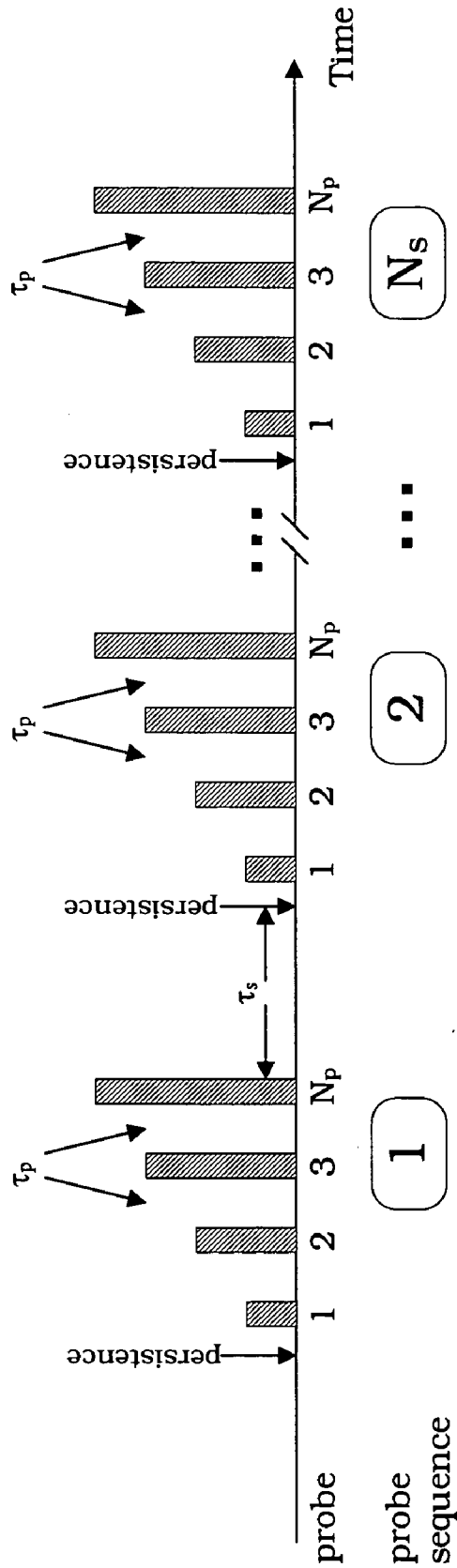


Fig. 2

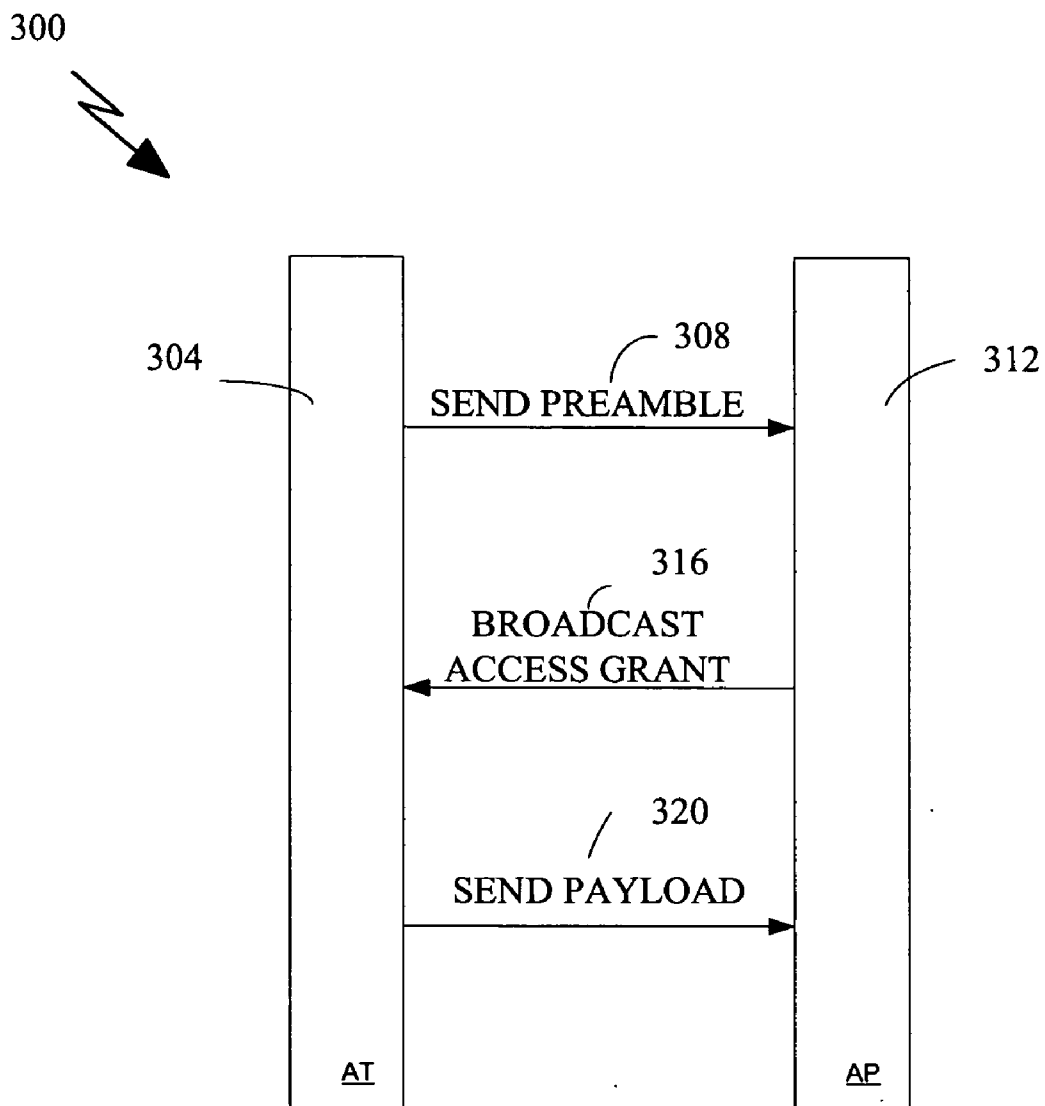


FIG. 3

400

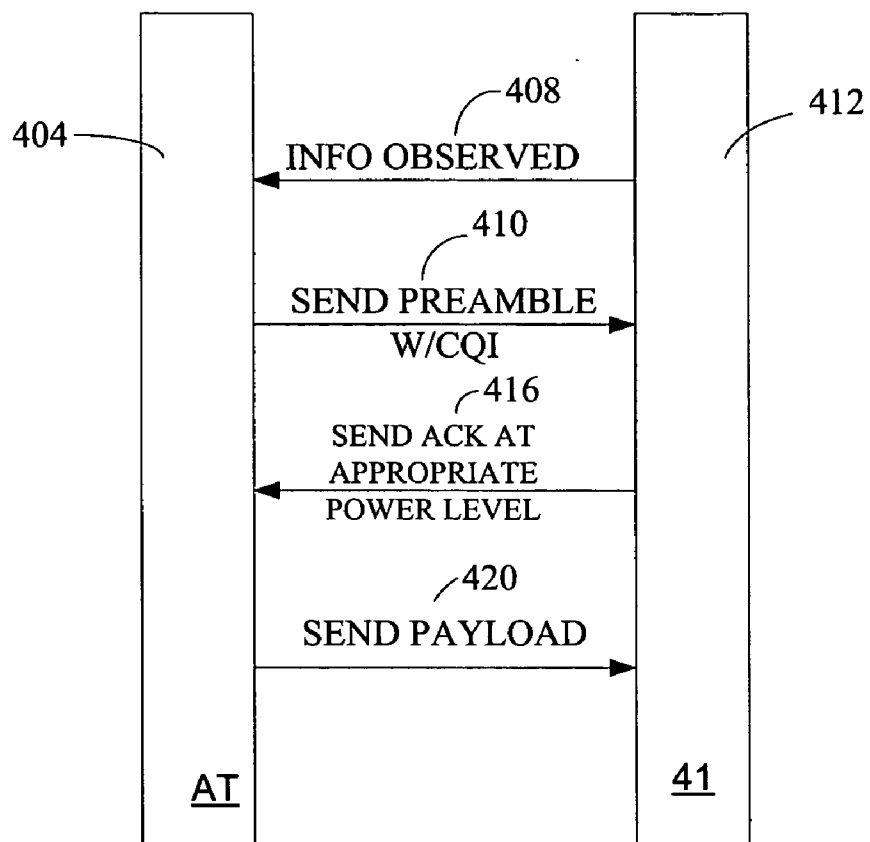


FIG. 4

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