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Declarations under Rule 4.17:

[Continued on next page]

(54) Title: USING SIGNAL MONITORING TO RESOLVE ACCESS POINT IDENTIFIER AMBIGUITY

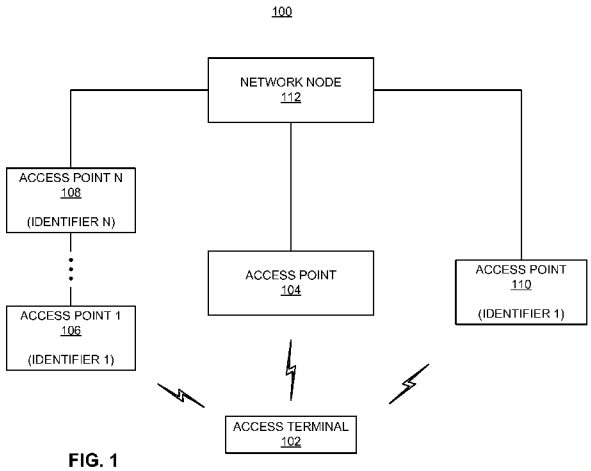

FIG. 1

(57) Abstract: Ambiguity (e.g., confusion) associated with access point identifiers may be resolved by querying candidate target access points and/or by using historical records indicative of one or more access points that the access point has previously accessed. For example, messages may be sent to access points that are assigned the same identifier to cause the access points to monitor for a signal from an access terminal that received the identifier from a target access point. The target access point may then be identified based on any responses that indicate that a signal was received from the access terminal. In some aspects the access points subject to being queried may be selected using a tiered priority. In addition, it may be determined based on prior handoffs of a given access terminal that when that access terminal reports a given identifier, the access terminal usually ends up being handed-off to a particular access point. Accordingly, a mapping may be maintained for that access terminal that maps the identifier to that access point so that the mapping may be used to resolve any future confusion associated with the use of that identifier by that access terminal.

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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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