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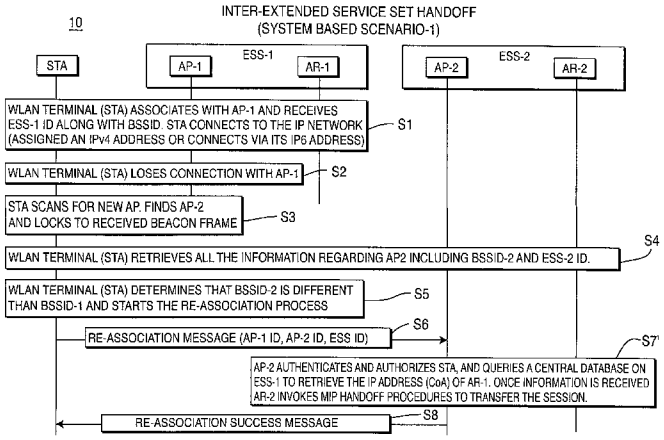
(54) Title: METHOD AND APPARATUS FOR PERFORMING A HANDOFF IN AN INTER-EXTENDED SERVICE SET (I-ESS)



(57) Abstract: Method and apparatus for handoff between two stations of a wireless local area network/wireless wide area network (WLAN/WWAN) wherein a terminal, communicating with a first station, scans for a second station when its connection with said first station is lost, or for any other reasons, and establishes communication with a second station. The establishment of communication with the second station includes determining that the second station is different from the first station; associating with the second station; forwarding the identity of the first station to the second station; and using the identity of the first station to continue the original session through the second station. The handoff is equally successful when the stations involved in the handoff are both in the same network or wherein the stations are in different networks.

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