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(54) Title: METHOD AND APPARATUS FOR PROVIDING PEER -TO -PEER DIRECT LINK COMMUNICATION WITH NETWORK CONNECTION

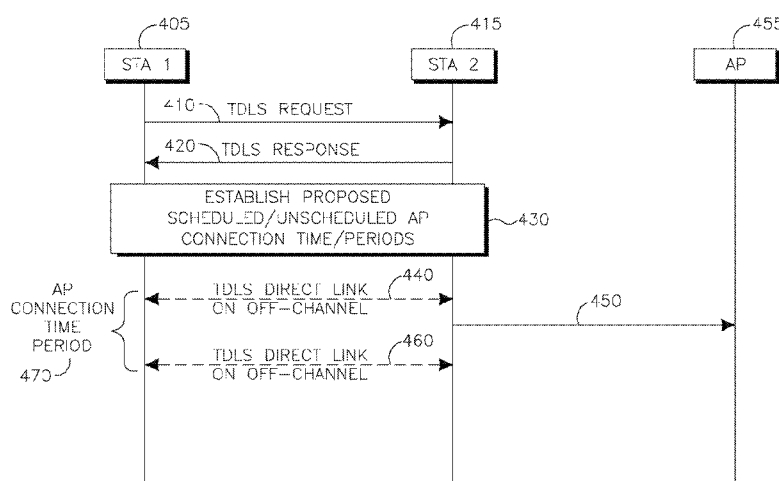


FIG. 4

(57) Abstract: A method and apparatus may be used for peer-to-peer communication. The method and apparatus may allow for network connectivity during the peer-to-peer communication session. The network connectivity may be provided via Scheduled and/or Unscheduled AP Connection times/periods. A station (STA) may be configured to negotiate access point (AP) Connection times/periods with a peer STA for a direct link which may be on a basic service set (BSS) channel or on a non-BSS channel. The STAs may communicate with the AP during the agreed AP Connection times/periods and return to the direct link for peer-to-peer communication.



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