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- (71) Applicant: **HUAWEI TECHNOLOGIES CO., LTD.**
[CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (72) Inventors: **REDLICH, Oded**; Huawei Technologies Duesseldorf GmbH, European Research Center, Riesstr. 25, 80992 Munich (DE). **SHILO, Shimon**; Huawei Technologies Duesseldorf GmbH, European Research Center, Riesstr. 25, 80992 Munich (DE). **TSODIK, Genadiy**; Huawei Technologies Duesseldorf GmbH, European Research Center, Riesstr. 25, 80992 Munich (DE).

search Center, Riesstr. 25, 80992 Munich (DE). **EZRI, Doron**; Huawei Technologies Duesseldorf GmbH, European Research Center, Riesstr. 25, 80992 Munich (DE). **KLEIN, Arik**; Huawei Technologies Duesseldorf GmbH, European Research Center, Riesstr. 25, 80992 Munich (DE). **YU, Jian**; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

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(54) Title: DEVICES AND METHODS FOR SIGNALING FOR COORDINATED BEAMFORMING

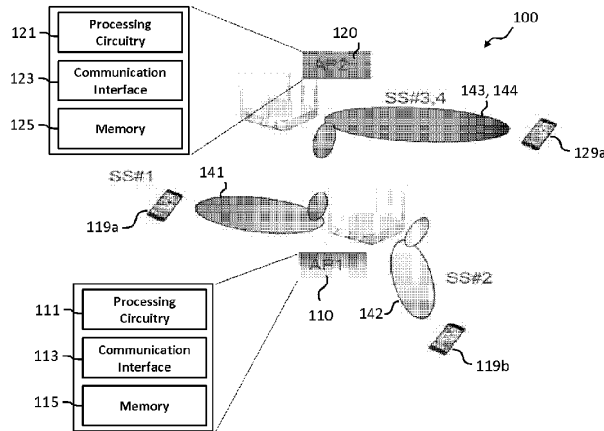


Fig. 6

(57) Abstract: An access point, AP (110), is provided, configured to perform coordinated beamforming with at least one further AP (120). The AP (110) is configured to communicate via one or more first spatial streams (141, 142) of a plurality of spatial streams (141-144) with one or more first non-AP stations (119a-b) and the further AP (120) is configured to communicate via one or more second spatial streams (143-144) of the plurality of spatial streams (141-144) with one or more second non-AP stations (129a-b). The AP (110) comprises a processing circuitry (111) configured to obtain information indicative of a total number of the plurality of spatial streams (141-144). The AP (110) further comprises a communication interface (113) configured to transmit a frame to each of the one or more first non-AP stations (119a-b), wherein the frame comprises management information including the information indicative of the total number of the plurality of spatial streams (141-144). Thus, the AP (110) is easily configurable for Multi User Multiple Input Multiple Output (MU-MIMO) signaling methods by signalling new parameters in order to perform coordinated beamforming. In embodiments, the AP (110) is configured to transmit optimized management frames and is configured for reducing overhead.

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