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(54) Title: ENHANCED CHANNEL SOUNDING PROTOCOLS FOR WLAN SYSTEMS

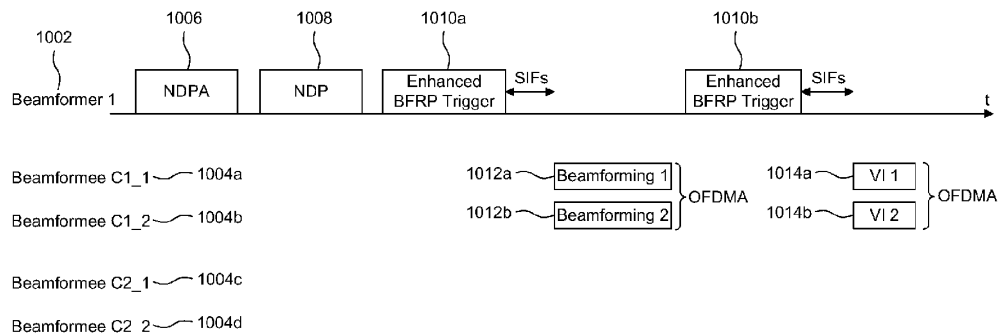


FIG. 10

(57) Abstract: Methods and apparatuses for Multi-AP channel sounding for Wireless Area Networks (WLAN) are disclosed. A method performed by a beamformee may comprise: receiving, from a beamformer, a null data packed (NDP) announcement frame (NDPA); receiving, from the beamformer, an NDP frame; receiving, from the beamformer, an enhanced beamforming request poll (BFRP) trigger frame including an indication of a feedback format; and transmitting, to the beamformer based on the NDP and NDPA, using a format indicated by the feedback format of the BFRP trigger frame, a feedback frame including a feedback report. The trigger frame may be an enhanced beamforming request poll (BFRP) trigger frame. The feedback report may be a beamforming report or a vector index (VI) feedback report. The beamformer may be an access point (AP) and the beamformee may be a station (STA).

[Continued on next page]

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