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(54) Title: INTEGRATED MILLIMETER WAVE (IMMW) BEAM TRAINING FOR MULTI-LINK OPERATION (MLO)

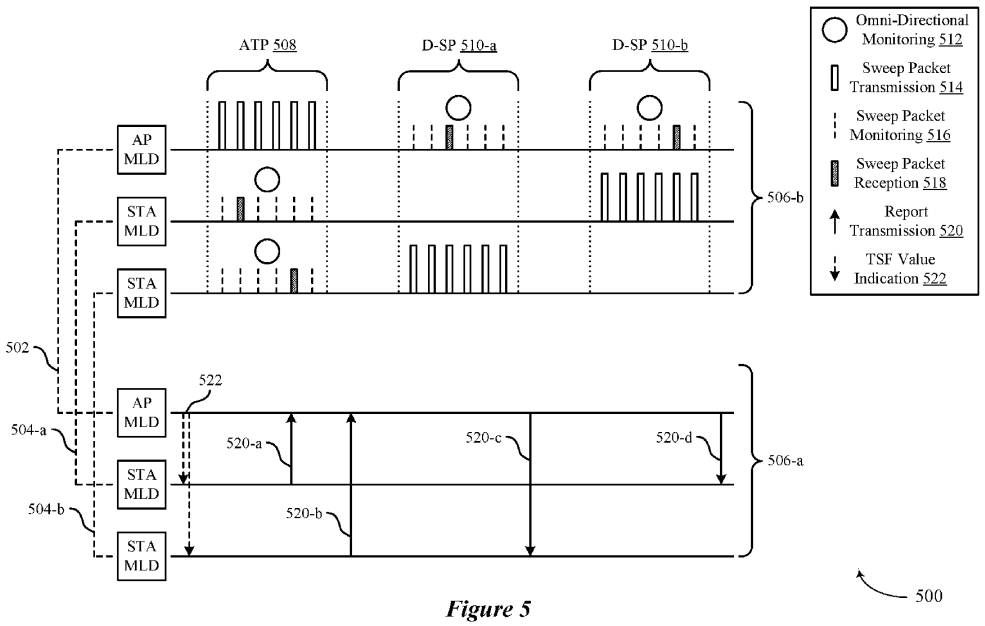


Figure 5

(57) Abstract: This disclosure provides methods, components, devices, and systems for integrated millimeter wave (IMMW) beam training for multi-link operation. Some aspects more specifically relate to beam sweeping and reporting for partnered 60 Gigahertz (GHz) and sub-7 GHz links. In some implementations, an access point (AP) multi-link device (MLD) may communicate with a non-AP MLD via a first omni-directional link, such as a sub7 link, and a second directional link, such as a 60 GHz link. The AP MLD may use the omni-directional link to configure one or more parameters and report feedback for the directional link. For example, the AP MLD may transmit, to the non-AP MLD via the first link, an indication of a timing synchronization function (TSF) value associated with the second link of the AP MLD. The AP MLD and the non-AP MLD may use the TSF value to support beam training operations for the second link.

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