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(54) Title: FINE TIME ASSISTANCE FOR GLOBAL NAVIGATION SATELLITE SYSTEMS

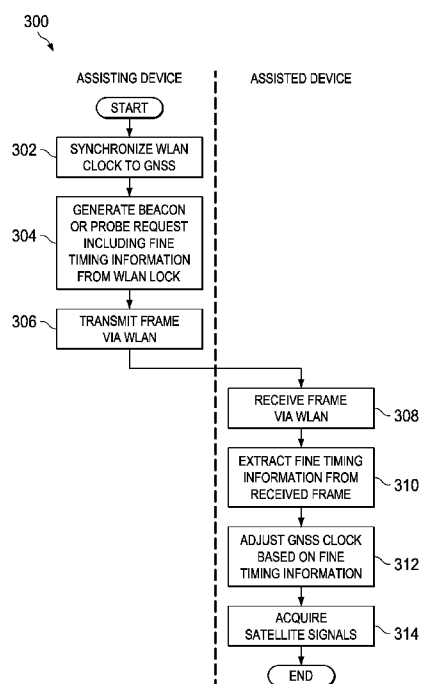


FIG. 3

(57) Abstract: Apparatus and methods are disclosed for providing fine timing assistance to global navigation satellite systems (GNSS) via wireless local area network (WLAN). In one embodiment, a method (300) for synchronizing a global navigation satellite system (GNSS) receiver includes receiving (308), by a wireless device, via a wireless local area network (WLAN), fine time assistance information transmitted by an assisting device connected to the WLAN. A time value of a GNSS clock of the wireless device is adjusted (312) based on the fine time assistance information. Based on the adjusted time value, GNSS codes of a GNSS positioning signal are acquired (314) by the wireless device.



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