

A B S T R A C T

A wireless communication apparatus according to one embodiment is a wireless communication apparatus (10, 10A) which establishes a multi-hop wireless network together with other apparatuses, and makes wireless communication in a fixed cycle, includes a wireless unit, a storage unit, a communication control unit and a timetable additional recording unit. The wireless unit is configured to transmit/receive a radio signal via an antenna. The storage unit is configured to store timetable information indicating a time slot which permits transmission/reception of the radio signal. The communication control unit is configured to control transmission/reception of the radio signal according to the timetable information. The timetable additional recording unit is configured to assign and additionally record transmission/reception tasks of the wireless communication apparatus of interest in empty time slots of the timetable information which is shared with the other apparatuses.

[Selected Drawing] FIG. 1