NPL 4

IEEE 802.11-22/0059r0, Beyond 'be'

NPL 5

IEEE 802.11-21/1488r1, CC36 CR for Trigger frame on EHT User Info field

NPL 6

IEEE 802.11-21/0485r3, EHT TF Clarifications

Summary

[0004] However, a method for transmitting an uplink signal in radio communication, such as a wireless LAN, has not been sufficiently studied.

[0005] A non-limiting example of the present disclosure facilitates providing an access point, a terminal, and a communication method each capable of improving the transmission efficiency of an uplink signal in radio communication.

[0006] An access point according to an aspect of the present disclosure includes: control circuitry, which, in operation, generates a control signal indicating, using identification information common to a plurality of terminals included in a terminal group, allocation of a transmission resource for an uplink signal of one or some of a plurality of traffic types; and transmission circuitry, which, in operation, transmits the control signal.

[0006a] In an aspect, the present disclosure refers to a terminal, comprising: reception circuitry, which, in operation, receives a control signal indicating, using identification information common to a plurality of terminals included in a terminal group, allocation of a transmission resource for an uplink signal of one or some of a plurality of traffic types; and control circuitry, which, in operation, controls uplink transmission based on the control signal.

[0006b] In an aspect, the present disclosure refers to a communication method, comprising: generating, by an access point, a control signal indicating, using identification information common to a plurality of terminals included in a terminal group, allocation of a transmission resource for an uplink signal of one or some of a plurality of traffic types; and transmitting, by the access point, the control signal.

[0006c] In an aspect, the present disclosure refers to a communication method, comprising: receiving, by a terminal, a control signal indicating, using identification information common to a plurality of terminals included in a terminal group, allocation of a transmission resource for an uplink signal of one or some of a plurality of traffic types; and controlling, by the terminal, uplink transmission based on the control signal.

[0007] It should be noted that general or specific embodiments may be implemented as a system, an apparatus, a method, an integrated circuit, a computer program, a storage medium, or any selective combination thereof.

[0008] According to an example of the present disclosure, it is possible to improve the transmission efficiency of an uplink signal in radio communication, for example.

[0009] Additional benefits and advantages of the disclosed embodiments will become apparent from the specification and drawings. The benefits and/or advantages may be individually obtained by the various embodiments and features of the specification and