

[6] This disclosure provides non-limiting examples which and exemplary embodiments facilitate providing communication apparatuses and communication methods for efficient trigger-based uplink multiuser transmission.

[7] According to a first aspect, the present disclosure refers to a communication apparatus comprising: circuitry, which in operation, generates a trigger frame comprising a common info field and a plurality of user info fields; and a transmitter, which in operation, transmits the generated trigger frame; wherein each of the plurality of user info fields comprises a first field which indicates whether a resource unit (RU) adaptation procedure is disabled for another communication apparatus addressed by the each of the plurality of user info field and a second field which indicates a RU or RU combination allocated to the another communication apparatus.

[8] According to a second aspect, the present disclosure refers to a communication method comprising: generating a trigger frame comprising a common info field and a plurality of user info fields; and transmitting the generated trigger frame; wherein each of the plurality of user info fields comprises a first field which indicates whether a RU adaptation procedure is disabled for a communication apparatus addressed by the each of the plurality of user info field and a second field which indicates a RU or RU combination allocated to the communication apparatus.

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

[10] Additional benefits and advantages of the disclosed example embodiments will become apparent from the specification and drawings. The benefits and/or advantages may be individually obtained by the various example embodiments and features of the specification and drawings, which need not all be provided in order to obtain one or more of such benefits and/or advantages.

BRIEF DESCRIPTION OF THE DRAWINGS