

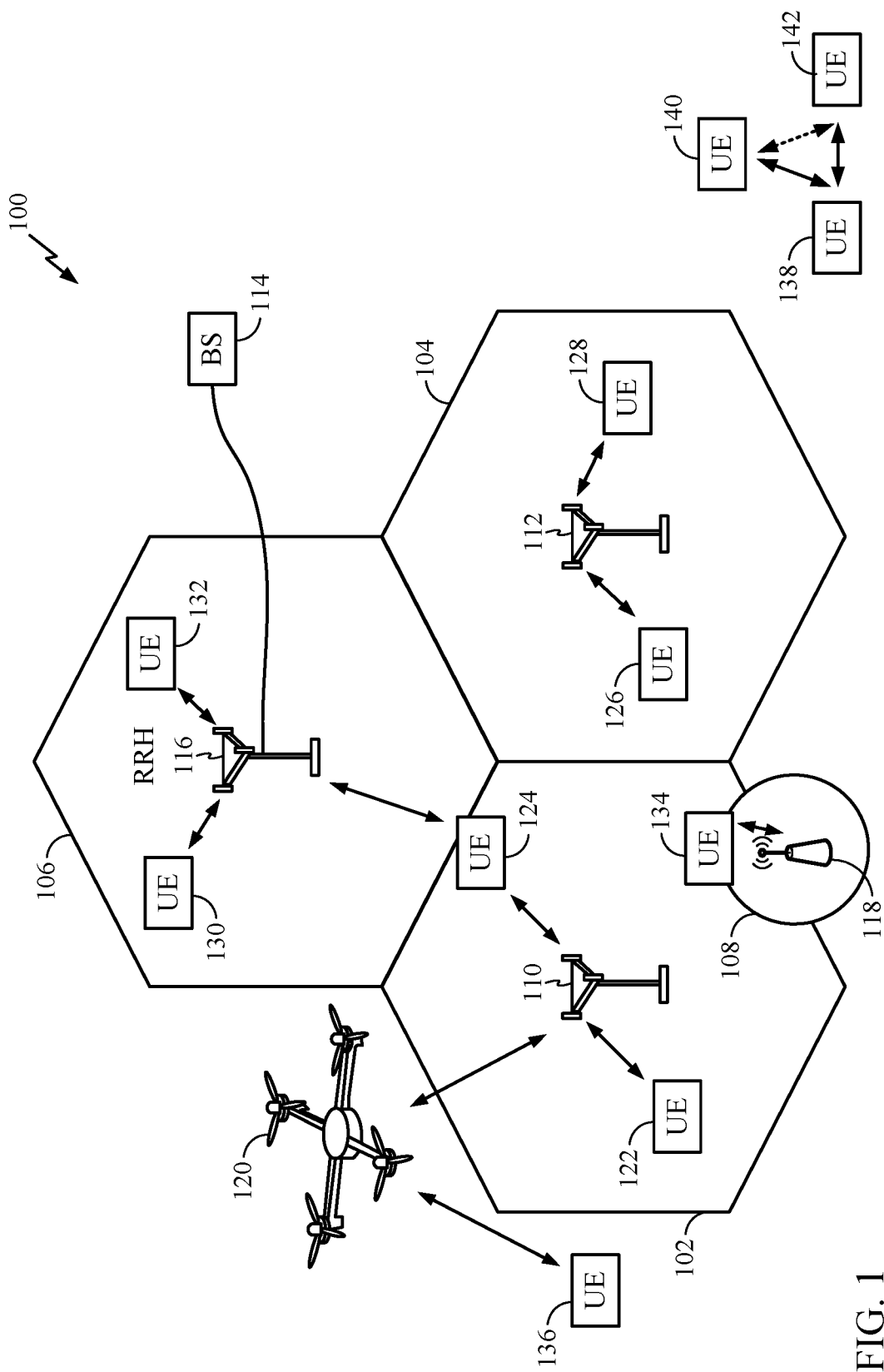


FIG. 1

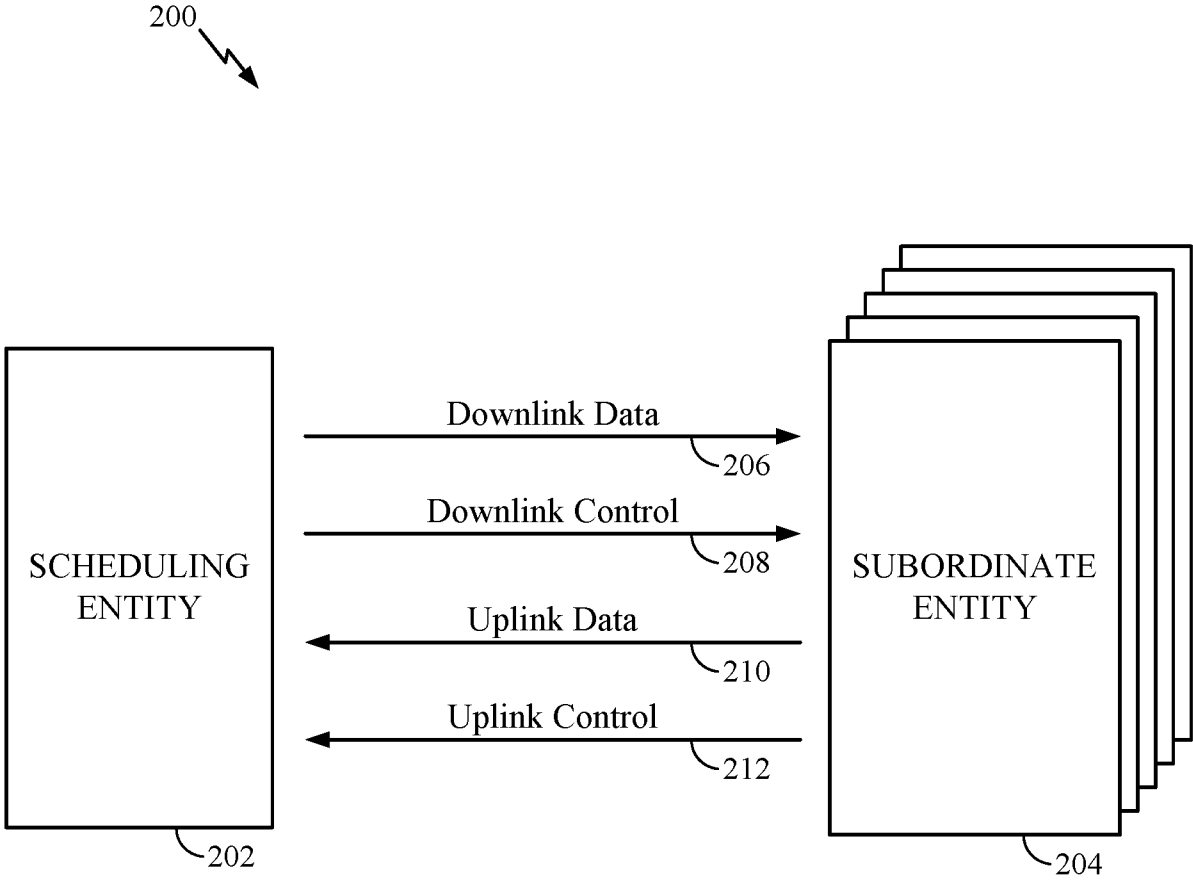


FIG. 2

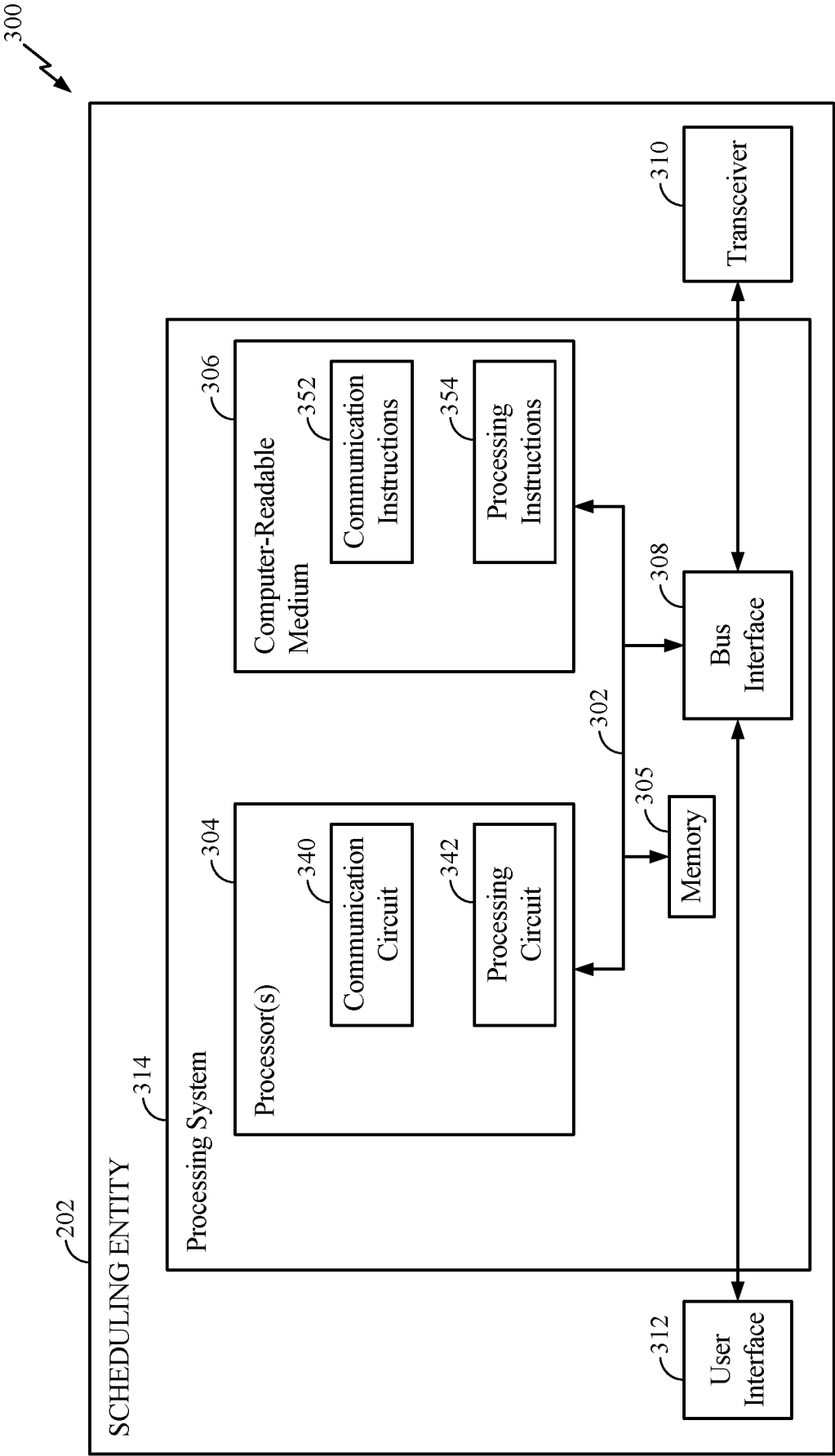


FIG. 3

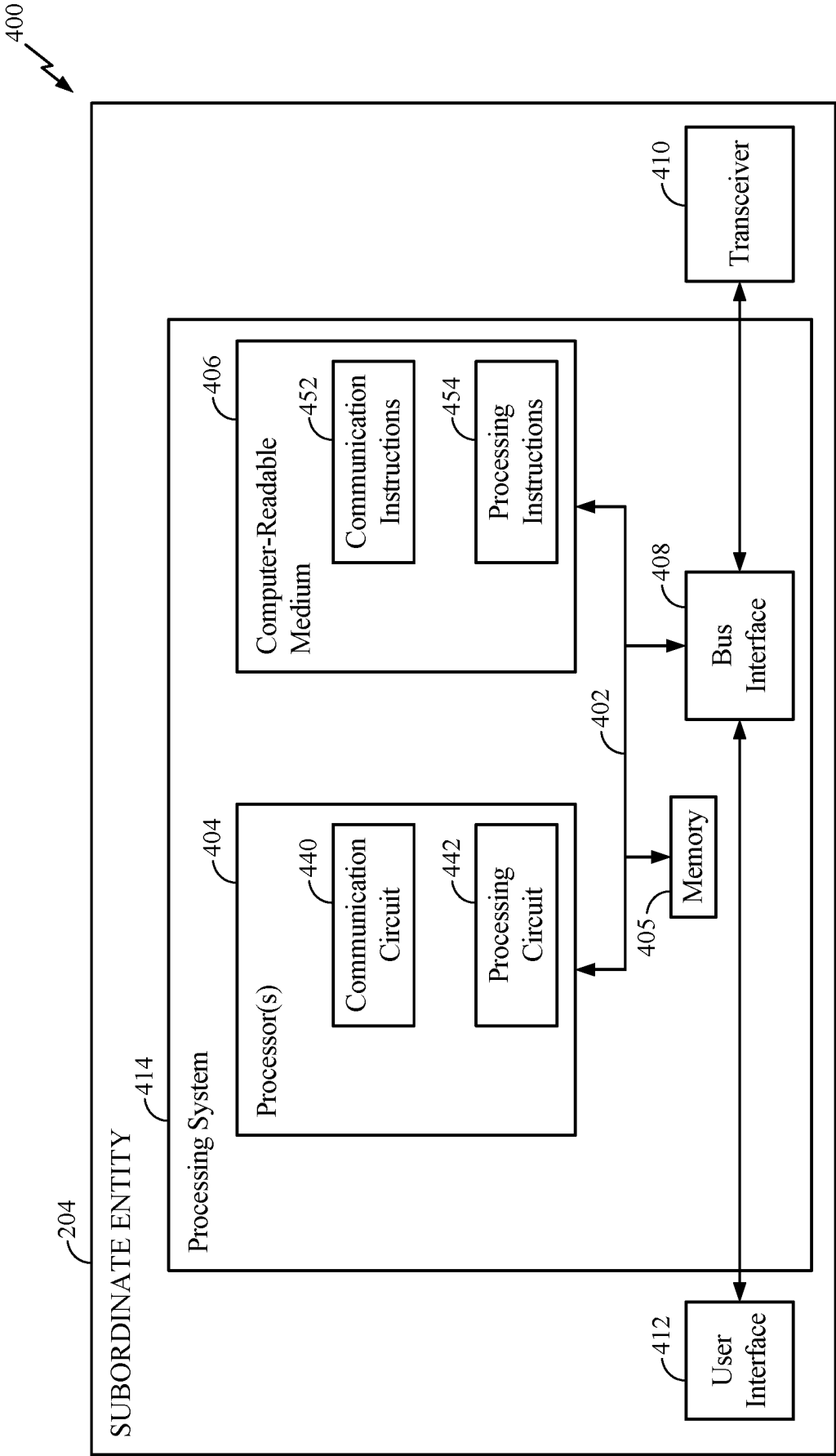


FIG. 4

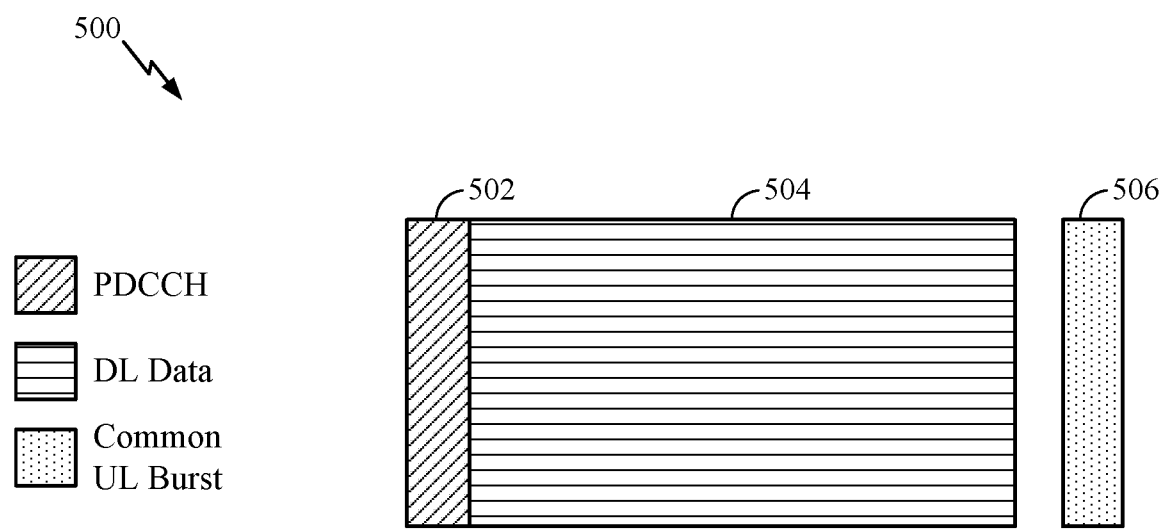


FIG. 5

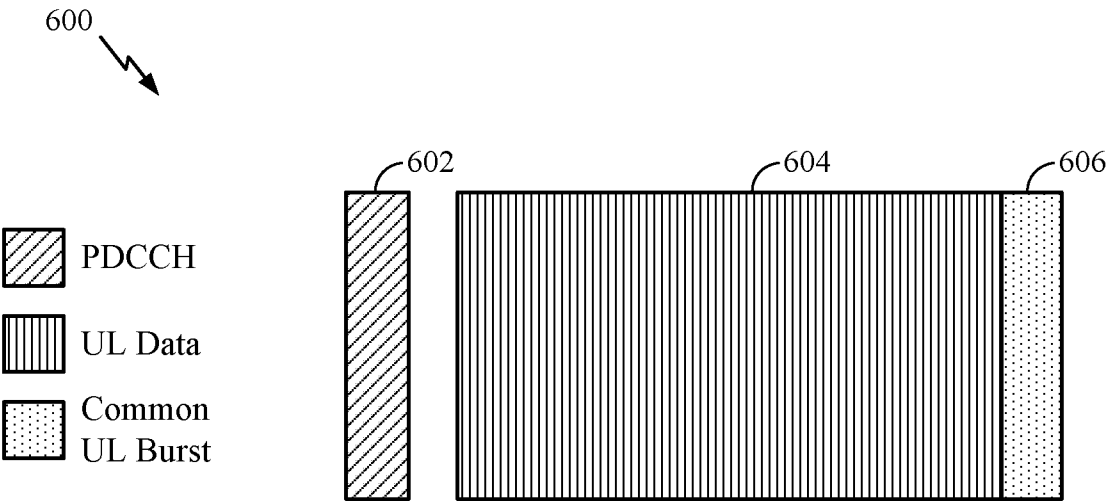


FIG. 6

Assumptions	N1	N2
Nominal	Single carrier / Single BWP / Single TRP ○ Full range of MCS and multi-layer support up to 4-layer MIMO and 256-QAM ○ Up to 3,300 active subcarriers PDCCH ○ Same numerology / BWP as PDSCH ○ Single grant monitored for PDSCH ○ 44 blind decodes, single symbol CORESET PDSCH ○ PDSCH does not precede PDCCH ○ 14-symbol slot-based scheduling ○ Frequency-first RE-mapping, no time-interleaving of CBs across TB PUCCH ○ Short formats for HARQ-ACK	Single carrier / Single BWP / Single TRP ○ Full range of MCS and multi-layer support up to the 2-layer MIMO and 64-QAM ○ Up to 3,300 active subcarriers PDCCH ○ Same numerology / BWP as PUSCH ○ Single grant monitored for PUSCH ○ 44 blind decoding, single symbol CORESET PUSCH ○ 14-symbol slot-based scheduling ○ No time-interleaving of CBs across TB ○ DFT-S-OFDM or OFDM ○ Front loaded DMRS for low latency ○ No UCI multiplexing
Candidate	○ SCS ○ DMRS configuration ○ [Percentage of peak rate] ○ [RE-mapping]	○ SCS ○ RE-mapping (depending on specification) ○ [Percentage of peak rate]

FIG. 7

DMRS for CE	HARQ Timing Parameter	Units	15 kHz SCS	30 kHz SCS	60 kHz SCS	120 kHz SCS
Front-loaded DMRS only	N1	Symbols	[8]	[10]	[14]	[14-21]
Front-loaded + additional DMRS	N1	Symbols	[13]	[13]	[17]	[21]
Frequency First	N2	Symbols	[9]	[11]	[17]	[31]

FIG. 7A

DMRS for CE	HARQ Timing Parameter	Units	15 kHz SCS	30 kHz SCS
Front-loaded DMRS only	N1	Symbols	[2.5-4]	[2.5-6]
Front-loaded + additional DMRS	N1	Symbols	[12]	[12]
Frequency First	N2	Symbols	[2.5-6]	[2.5-6]

FIG. 7B

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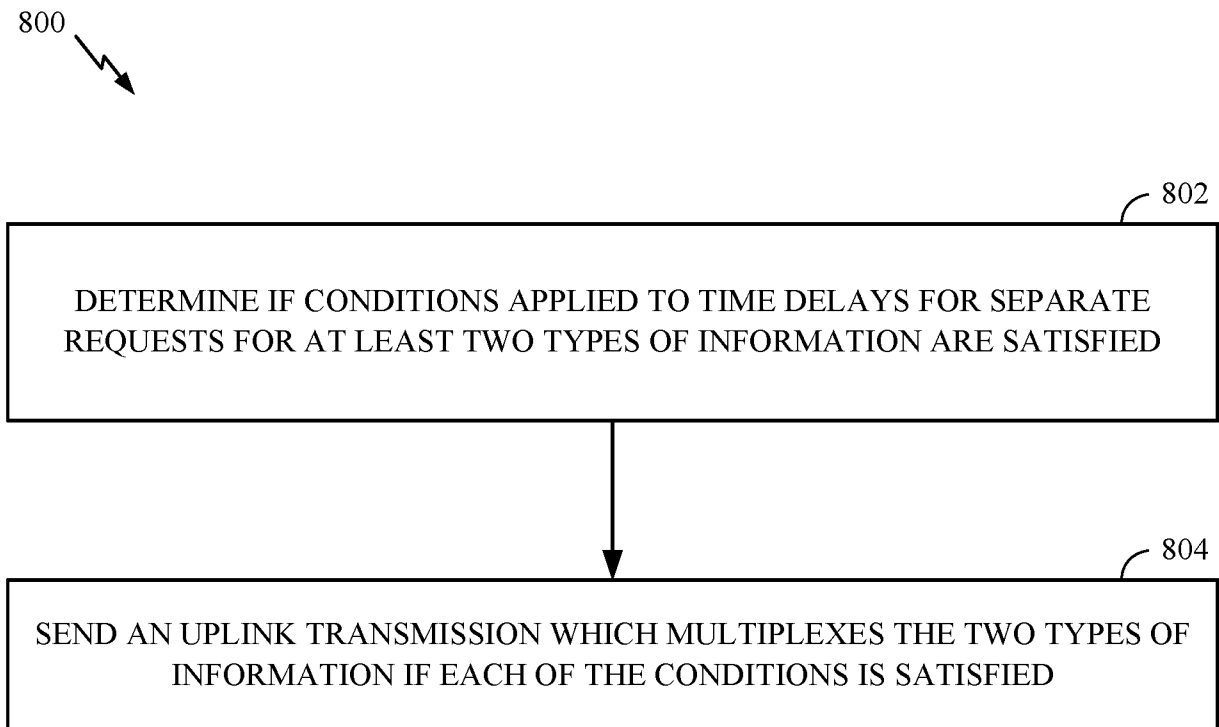


FIG. 8

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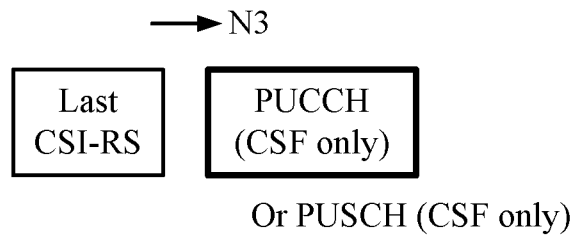


FIG. 9

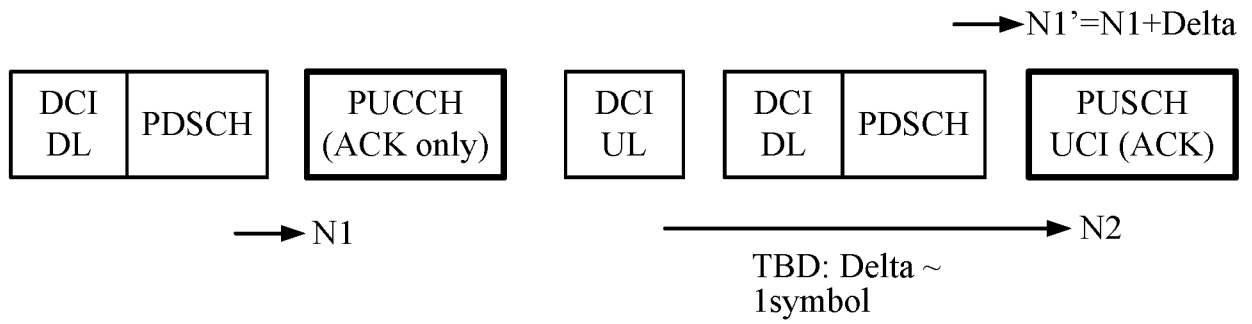


FIG. 10

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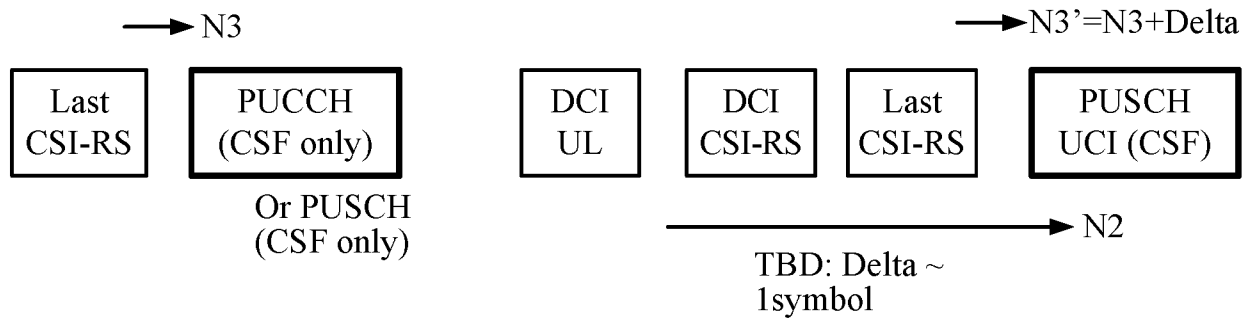


FIG. 11

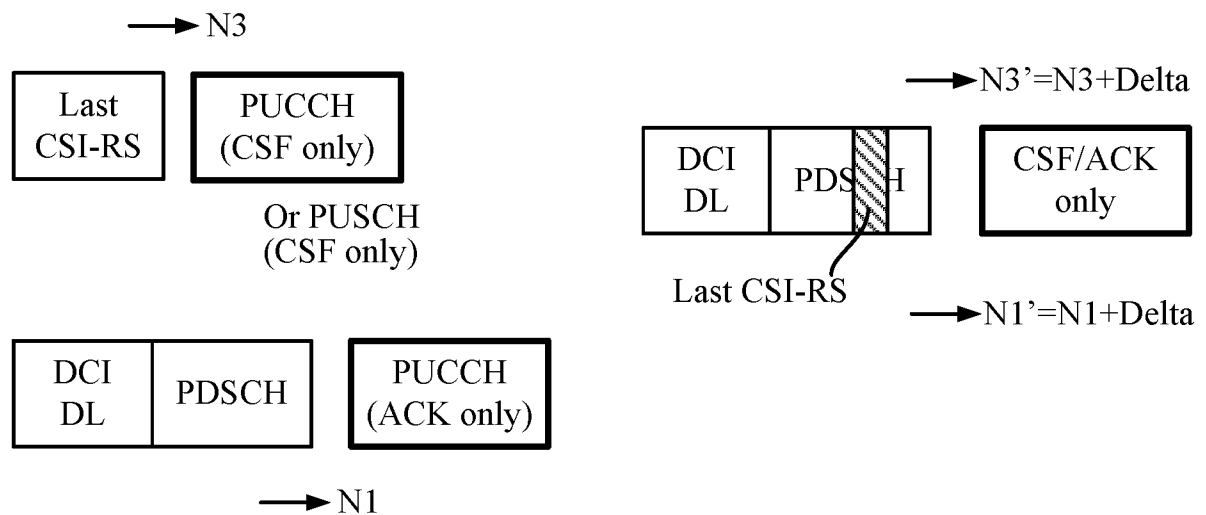


FIG. 12