

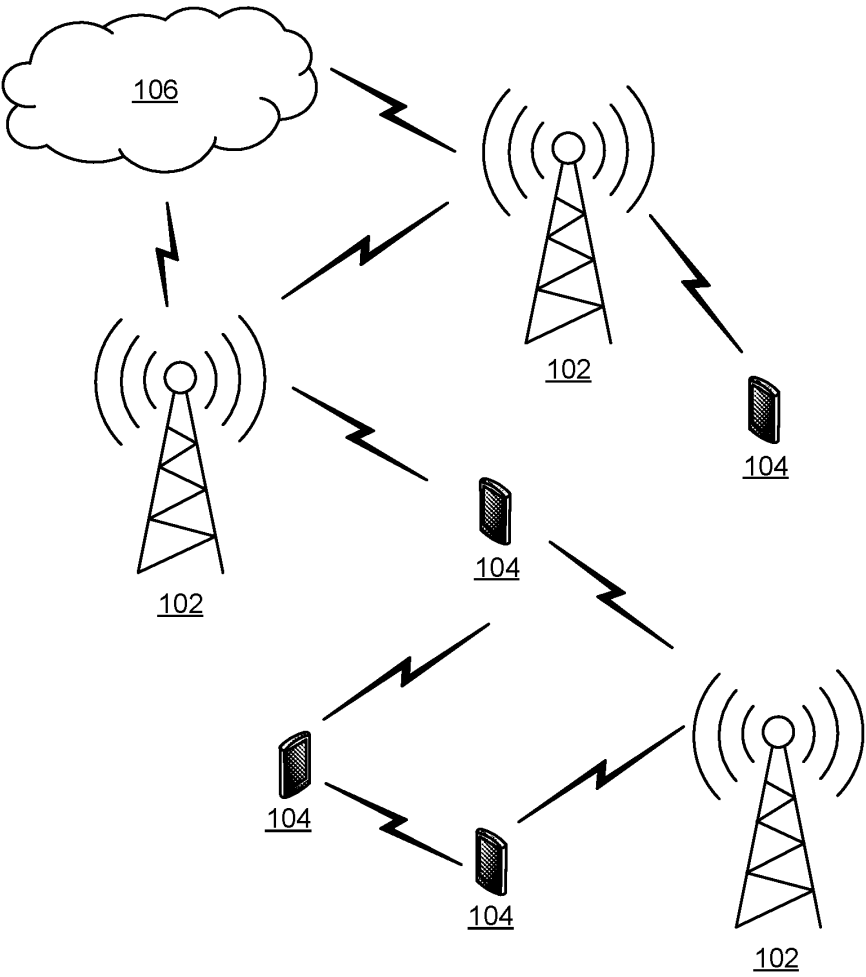


FIG. 1

```

-- ASN1START
-- TAG-PDCP-CONFIG-START

PDCP-Config ::= SEQUENCE {
    drb SEQUENCE {
        discardTimer ENUMERATED {ms10, ms20, ms30, ms40, ms50, ms60, ms75,
ms100, ms150, ms200,
                                ms250, ms300, ms500, ms750, ms1500, infinity}
OPTIONAL, -- Cond Setup
        pdcp-SN-SizeUL ENUMERATED {len12bits, len18bits}
OPTIONAL, -- Cond Setup1
        pdcp-SN-SizeDL ENUMERATED {len12bits, len18bits}
OPTIONAL, -- Cond Setup2
        headerCompression CHOICE {
            notUsed NULL,
            rohc SEQUENCE {
                maxCID INTEGER (1..16383)
            }
        },
        profiles SEQUENCE {
            profile0x0001 BOOLEAN,
            profile0x0002 BOOLEAN,
            profile0x0003 BOOLEAN,
            profile0x0004 BOOLEAN,
            profile0x0006 BOOLEAN,
            profile0x0101 BOOLEAN,
            profile0x0102 BOOLEAN,
            profile0x0103 BOOLEAN,
            profile0x0104 BOOLEAN
        },
        drb-ContinueROHC ENUMERATED { true }
OPTIONAL -- Need N
    },
    uplinkOnlyROHC SEQUENCE {
        maxCID INTEGER (1..16383)
    },
    profiles SEQUENCE {
        profile0x0006 BOOLEAN
    },
    },
    drb-ContinueROHC ENUMERATED { true }
OPTIONAL -- Need N
    },
    ...
    },
    integrityProtection ENUMERATED { enabled }
OPTIONAL, -- Cond ConnectedTo5GCl
    statusReportRequired ENUMERATED { true }
OPTIONAL, -- Cond Rlc-AM-UM
    outOfOrderDelivery ENUMERATED { true }
OPTIONAL -- Need R
    }

```

FIG. 2A

```

OPTIONAL,    -- Cond DRB
    moreThanOneRLC          SEQUENCE {
        primaryPath          SEQUENCE {
            cellGroup          CellGroupId
OPTIONAL,    -- Need R
            logicalChannel      LogicalChannelIdentity
OPTIONAL     -- Need R
        },
        ul-DataSplitThreshold  UL-DataSplitThreshold
OPTIONAL,    -- Cond SplitBearer
        pdcp-Duplication        BOOLEAN
OPTIONAL     -- Need R
    }
OPTIONAL,    -- Cond MoreThanOneRLC

    t-Reordering             ENUMERATED {
        ms0, ms1, ms2, ms4, ms5, ms8, ms10, ms15,
ms20, ms30, ms40,
        ms50, ms60, ms80, ms100, ms120, ms140,
ms160, ms180, ms200, ms220,
        ms240, ms260, ms280, ms300, ms500, ms750,
ms1000, ms1250,
        ms1500, ms1750, ms2000, ms2250, ms2500,
ms2750,
        ms3000, spare28, spare27, spare26, spare25,
spare24,
        spare23, spare22, spare21, spare20,
spare19, spare18, spare17, spare16, spare15,
spare14,
        spare13, spare12, spare11, spare10, spare09,
spare08, spare07, spare06, spare05, spare04,
spare03,
        spare02, spare01 }
OPTIONAL, -- Need S
    ...,
    [[
        cipheringDisabled      ENUMERATED {true}
OPTIONAL     -- Cond ConnectedTo5GC
    ]],
    [[
        discardTimerExt-r16      SetupRelease { DiscardTimerExt-r16 }
OPTIONAL,    -- Cond DRB2
        moreThanTwoRLC-DRB-r16  SEQUENCE {
            splitSecondaryPath-r16 LogicalChannelIdentity
OPTIONAL,    -- Cond SplitBearer2
            duplicationState-r16  SEQUENCE (SIZE (3)) OF BOOLEAN
OPTIONAL     -- Need S
        }
OPTIONAL,    -- Cond MoreThanTwoRLC-DRB
        ethernetHeaderCompression-r16 SetupRelease { EthernetHeaderCompression-r16
    }

```

FIG. 2B

```

OPTIONAL      -- Need M
    ],
    [[
        survivalTimeStateSupport-r17    ENUMERATED {true}
OPTIONAL,      -- Cond Drb-Duplication
        uplinkDataCompression-r17        SetupRelease { UplinkDataCompression-r17 }
OPTIONAL,      -- Cond Rlc-AM
        discardTimerExt2-r17              SetupRelease { DiscardTimerExt2-r17 }
OPTIONAL,      -- Need M
        initialRX-DELIV-r17               BIT STRING (SIZE (32))
OPTIONAL      -- Cond MRB-Initialization
    ],
    [[
        pdu-SetDiscard-r18                ENUMERATED {true}
OPTIONAL,      -- Need R
        discardTimerForLowImportance-r18  SetupRelease { DiscardTimerForLowImportance-
r18 }
OPTIONAL,      -- Cond DRB2
ul-DataSplitThresholdDSR-r18    UL-DataSplitThreshold
OPTIONAL,      -- Cond SplitBearer

        primaryPathOnIndirectPath-r18    ENUMERATED {true}
OPTIONAL      -- Cond SplitBearerMP
    ]
}

EthernetHeaderCompression-r16 ::= SEQUENCE {
    ehc-Common-r16                SEQUENCE {
        ehc-CID-Length-r16        ENUMERATED { bits7, bits15 },
        ...
    },
    ehc-Downlink-r16              SEQUENCE {
        drb-ContinueEHC-DL-r16    ENUMERATED { true }
OPTIONAL,      -- Need N
        ...
    }
OPTIONAL,      -- Need M
    ehc-Uplink-r16                SEQUENCE {
        maxCID-EHC-UL-r16         INTEGER (1..32767),
        drb-ContinueEHC-UL-r16    ENUMERATED { true }
OPTIONAL,      -- Need N
        ...
    }
OPTIONAL      -- Need M
}

```

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FIG. 2C

```
UL-DataSplitThreshold ::= ENUMERATED {  
    b0, b100, b200, b400,  
    b800, b1600, b3200, b6400, b12800, b25600, b51200, b102400,  
    b204800,  
    b409600, b819200,  
    b1228800, b1638400, b2457600, b3276800, b4096000, b4915200,  
    b5734400,  
    b6553600, infinity,  
    spare8, spare7, spare6, spare5, spare4, spare3, spare2, spare1}  
  
DiscardTimerExt-r16 ::= ENUMERATED {ms0dot5, ms1, ms2, ms4, ms6,  
    ms8, spare2, spare1}  
  
DiscardTimerExt2-r17 ::= ENUMERATED {ms2000, spare3, spare2,  
    spare1}  
  
UplinkDataCompression-r17 ::= CHOICE {  
    newSetup                               SEQUENCE {  
        bufferSize-r17                     ENUMERATED {kbyte2, kbyte4,  
        kbyte8, spare1},  
        dictionary-r17                     ENUMERATED {sip-SDP,  
    operator}                             OPTIONAL    -- Need N  
    },  
    drb-ContinueUDC                        NULL  
}  
  
DiscardTimerForLowImportance-r18 ::= ENUMERATED {ms0, ms2, ms4,  
    ms6, ms8, ms10, ms12, ms14, ms18, ms22, ms26, ms30, ms40, ms50,  
    ms75, ms100}  
  
-- TAG-PDCP-CONFIG-STOP  
-- ASN1STOP
```

FIG. 2D

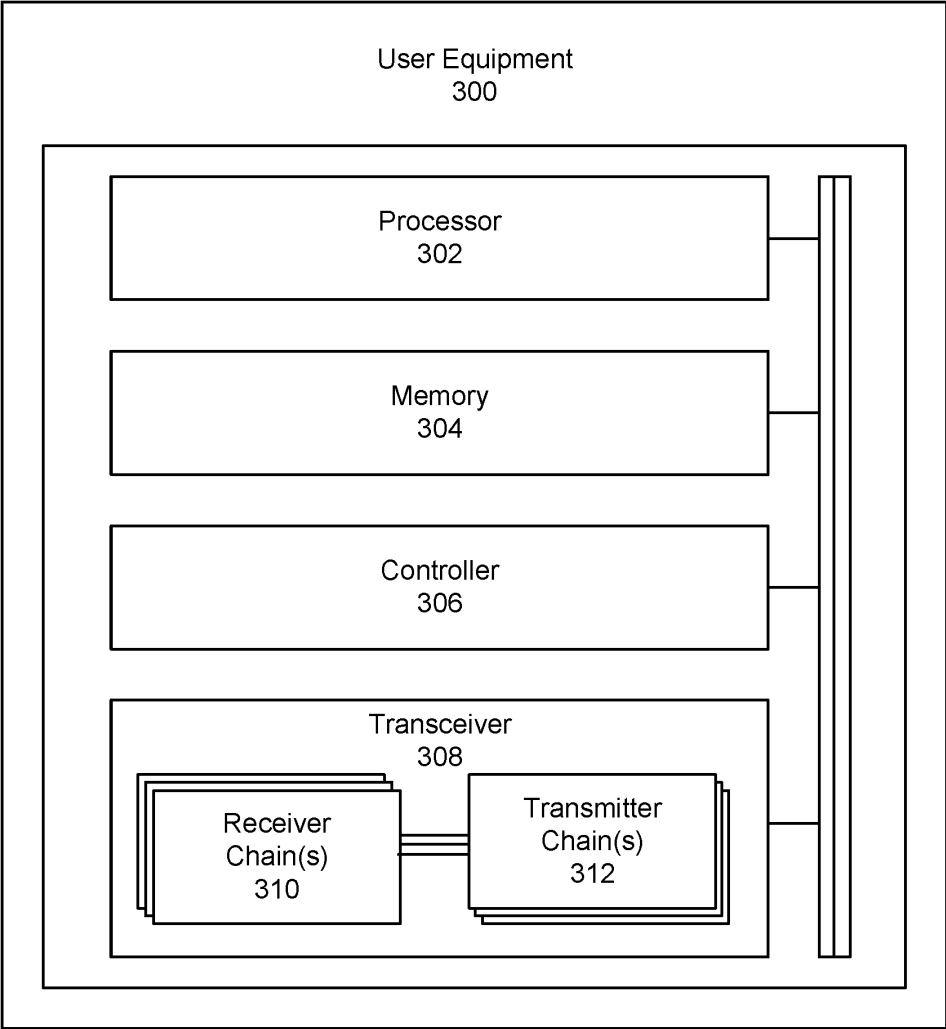


FIG. 3

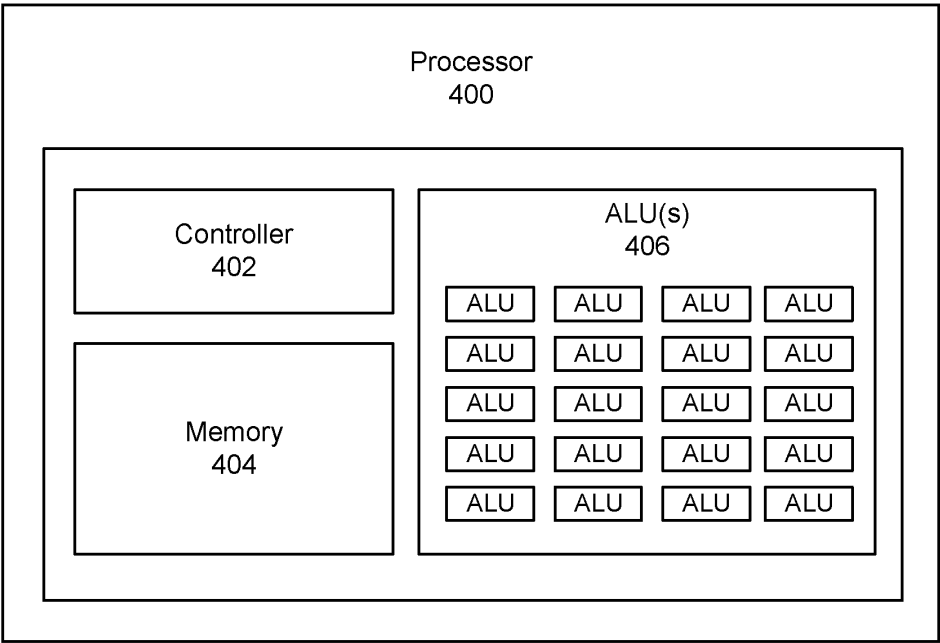


FIG. 4

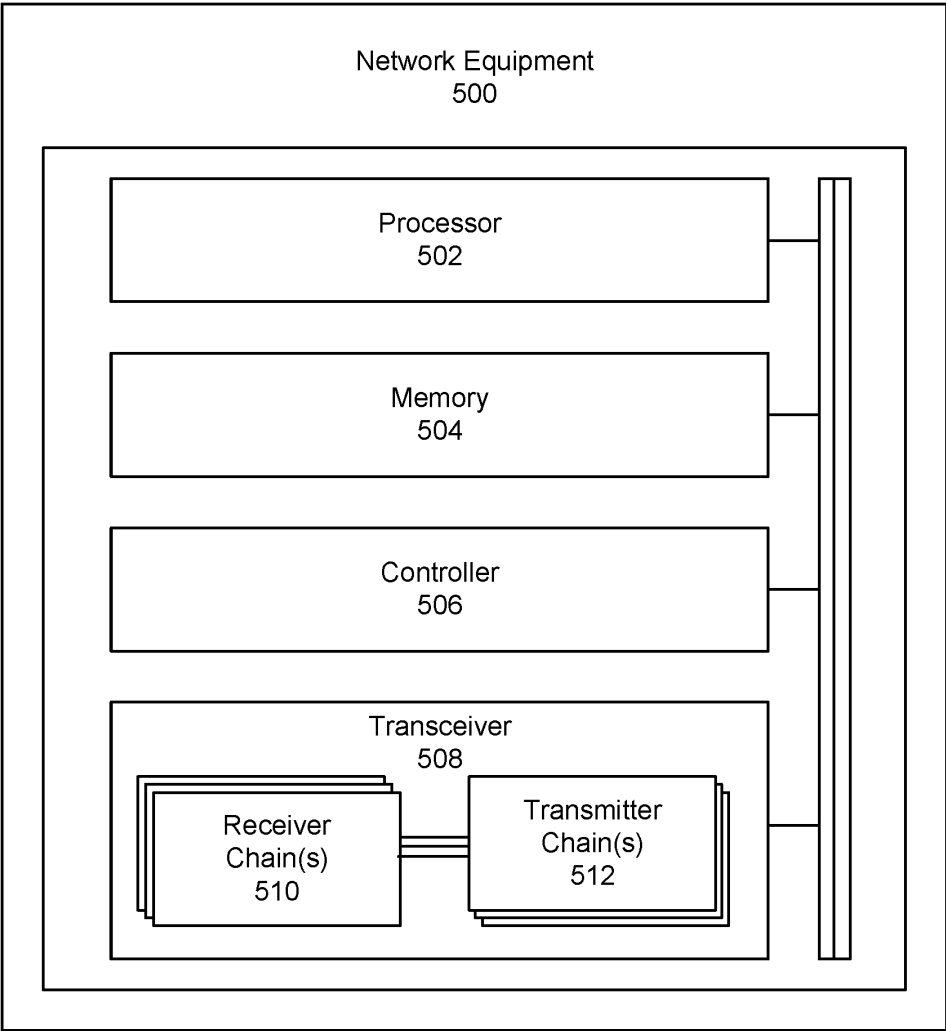


FIG. 5

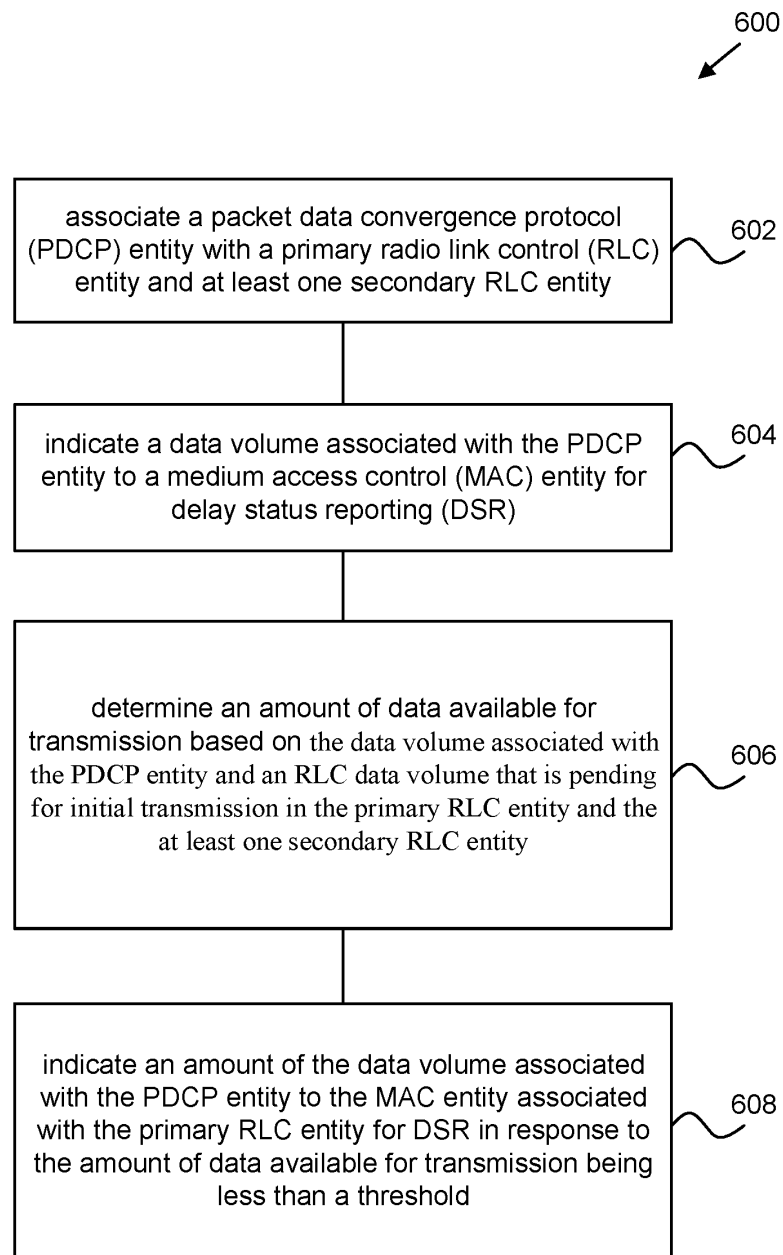


FIG. 6

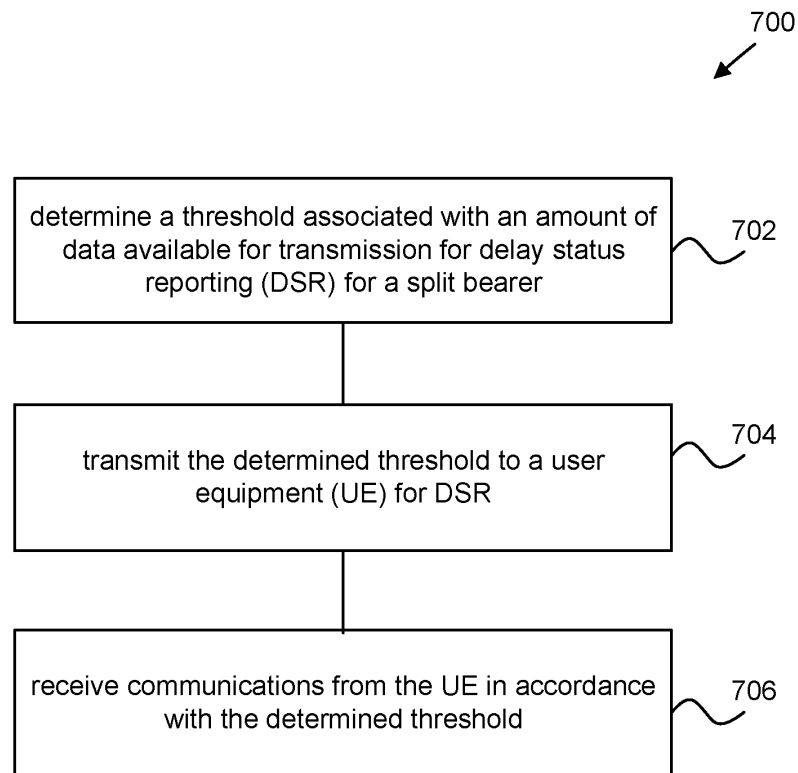


FIG. 7