

FIG. 1

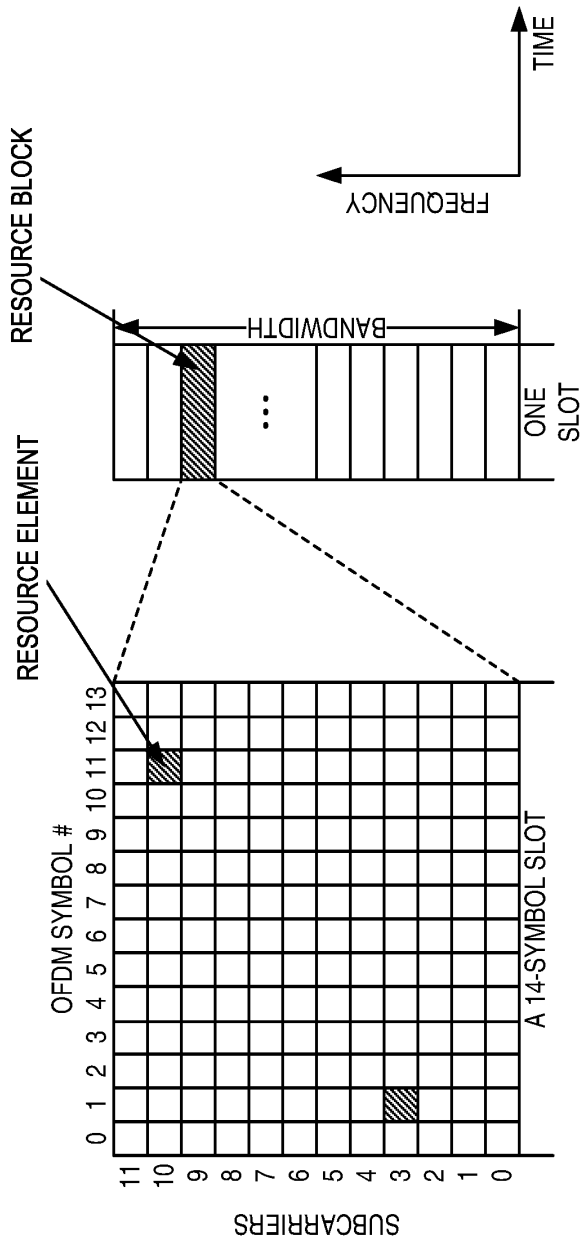


FIG. 2

```
TCI-State ::=
    tci-StateId
    qcl-Type1
    qcl-Type2
    ...
}

QCL-Info ::=
    cell
    bwp-Id
    referenceSignal
    csi-rs
    ssb
    },
    qcl-Type
    ...
}

SEQUENCE {
    TCI-StateId,
    QCL-Info,
    QCL-Info
}

SEQUENCE {
    ServCellIndex
    BWP-Id
    CHOICE {
        NZP-CSI-RS-ResourceId,
        SSB-Index
    }
    ENUMERATED {typeA, typeB, typeC, typeD},
}
```

FIG. 3

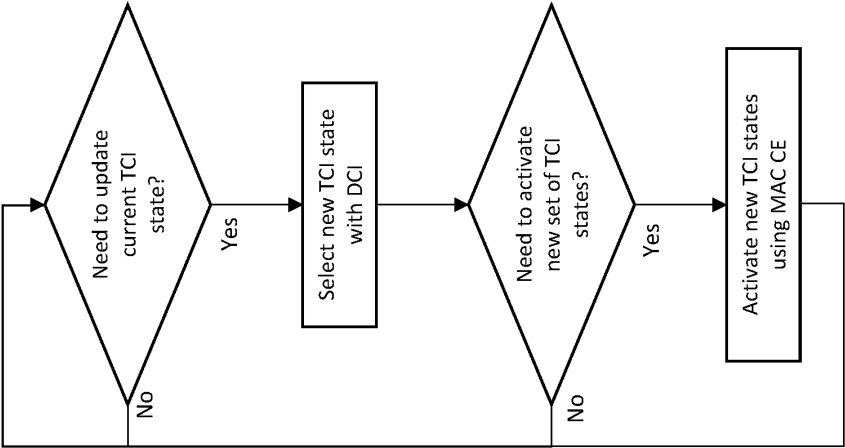
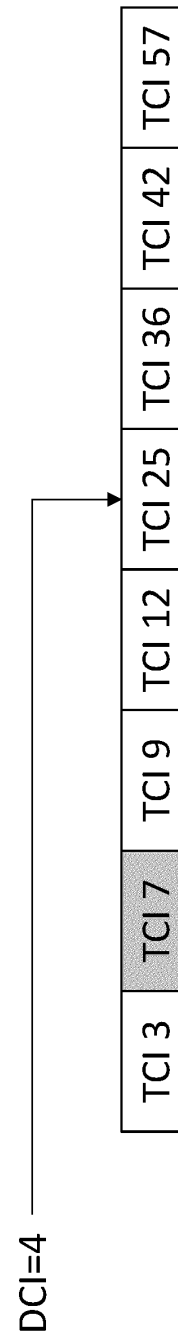
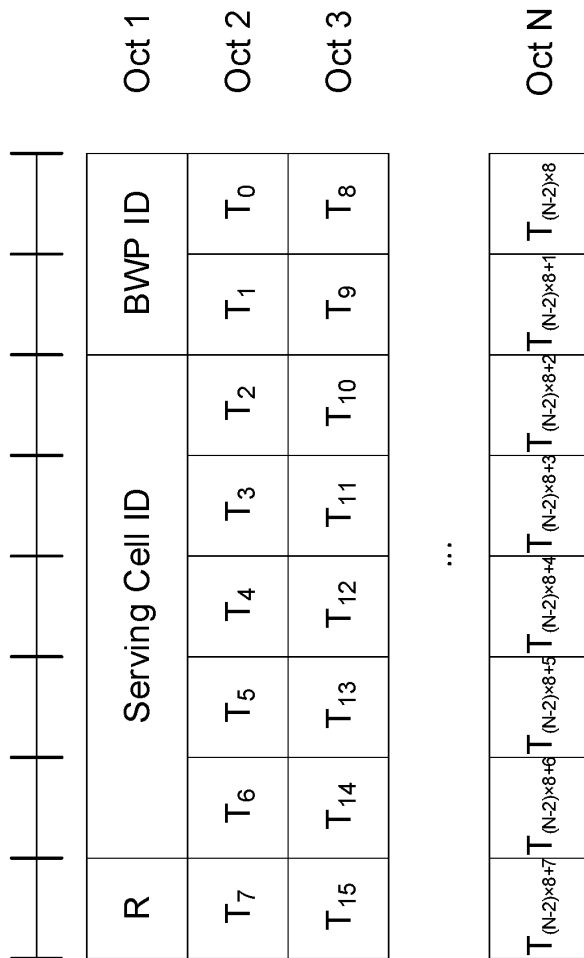


FIG. 4



Joint UL/DL beam indication

TCI field Codepoint		0	1	2	3	4	5	6	7
DL TCI states		DL TCI 3	DL TCI 7	DL TCI 9	DL TCI 10	DL TCI 25	DL TCI 36	DL TCI 36	DL TCI 36

FIG. 7

Separate UL/DL beam indication

TCI field Codepoint		0	1	2	3	4	5	6	7
DL TCI states		DL TCI 3	DL TCI 7	DL TCI 9	DL TCI 10	DL TCI 25	DL TCI 36	DL TCI 12	DL TCI 31
UL TCI states		UL TCI 2	UL TCI 9	UL TCI 1	UL TCI 12	UL TCI 7	UL TCI 20	UL TCI 42	UL TCI 57

FIG. 8

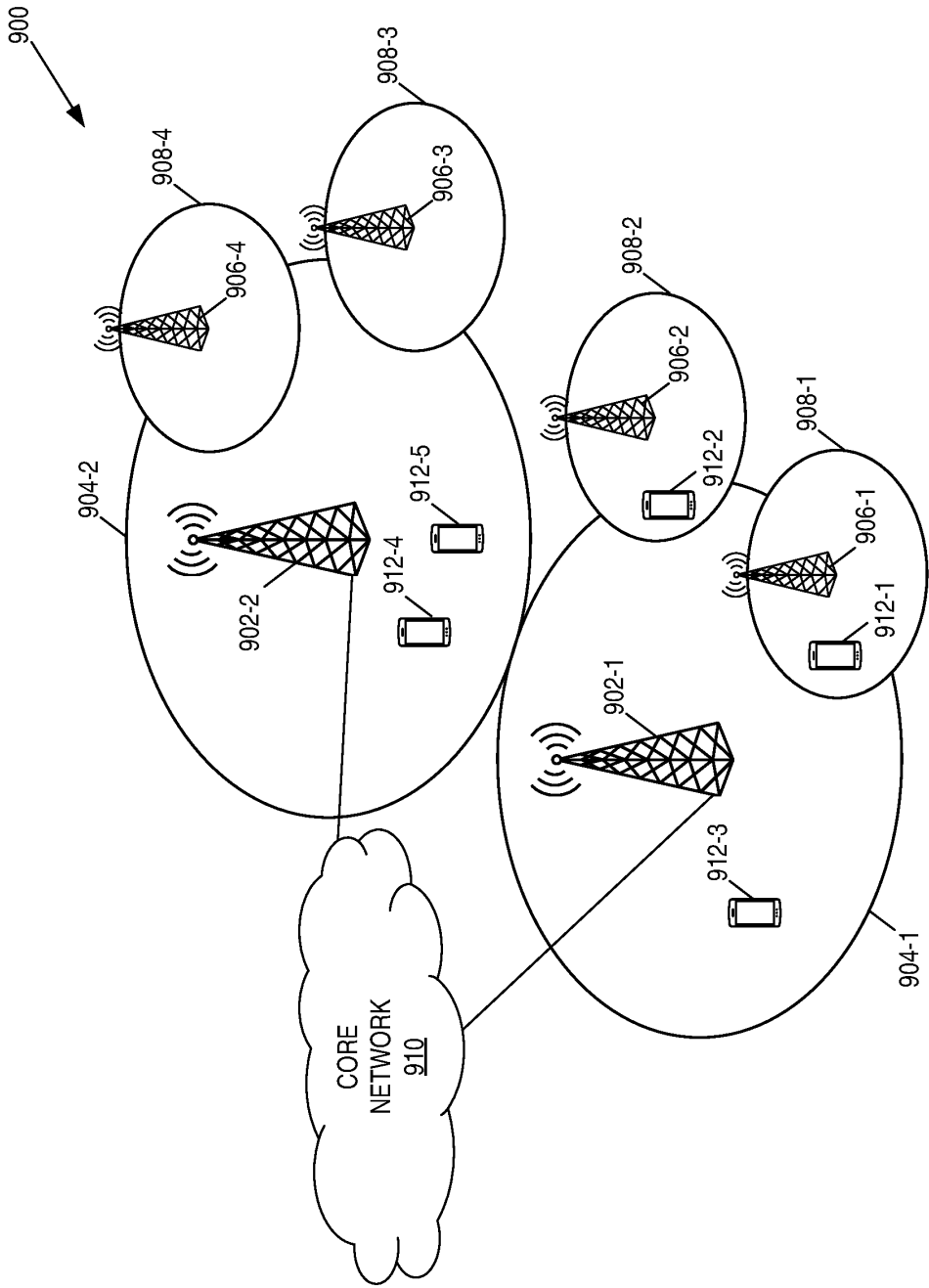


FIG. 9

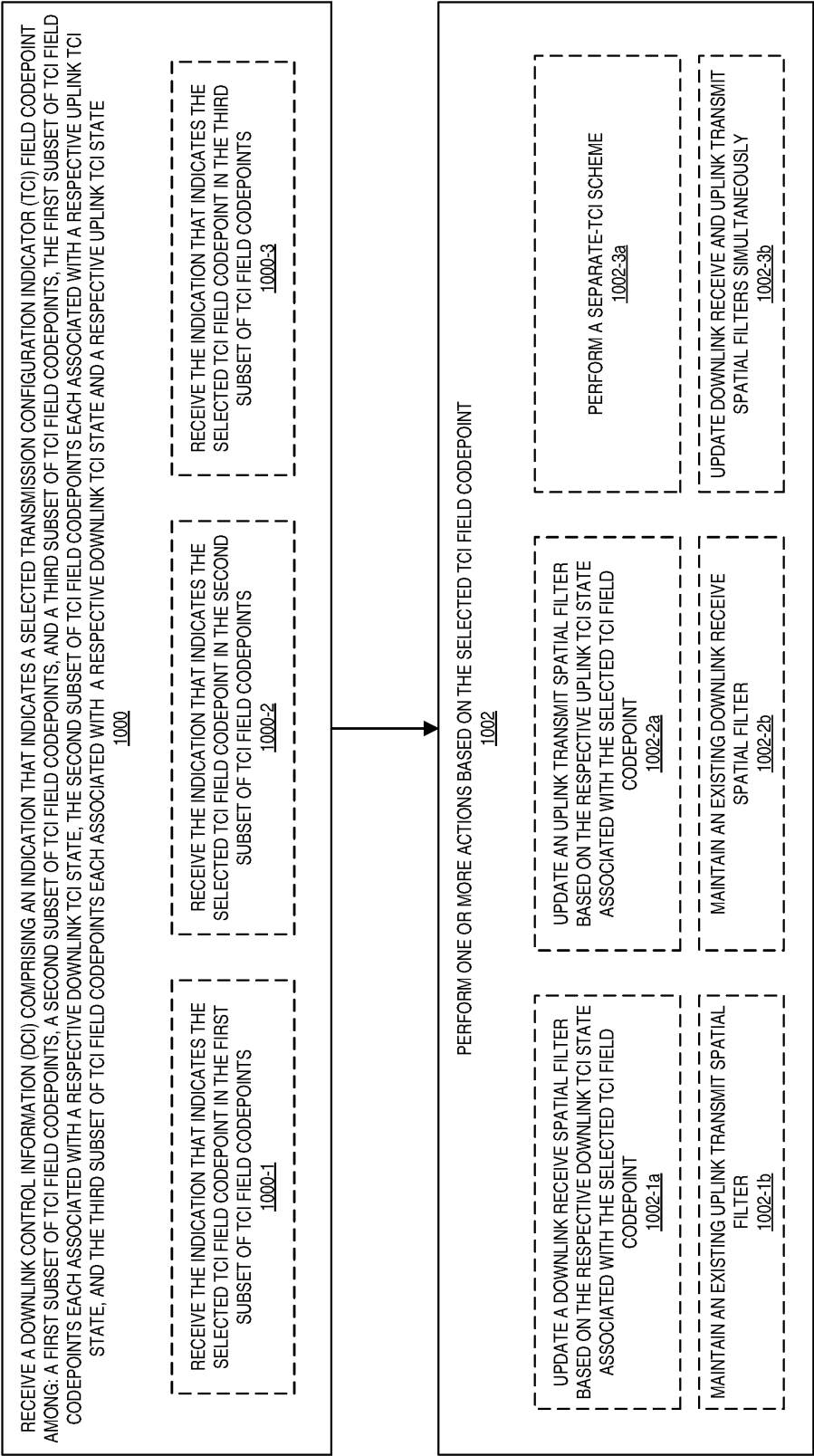


FIG. 10

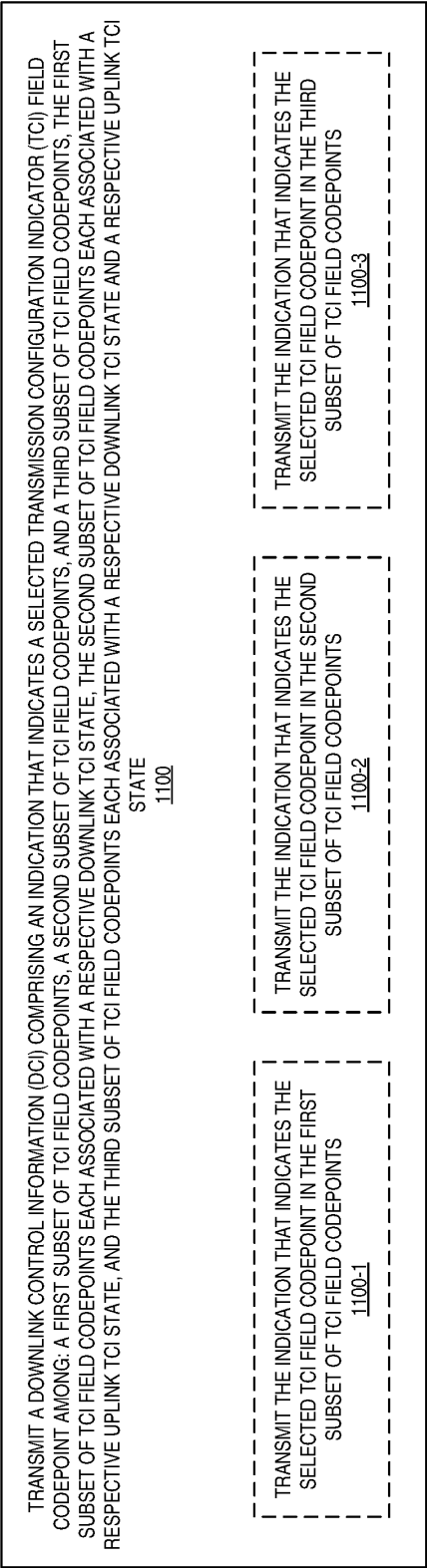


FIG. 11

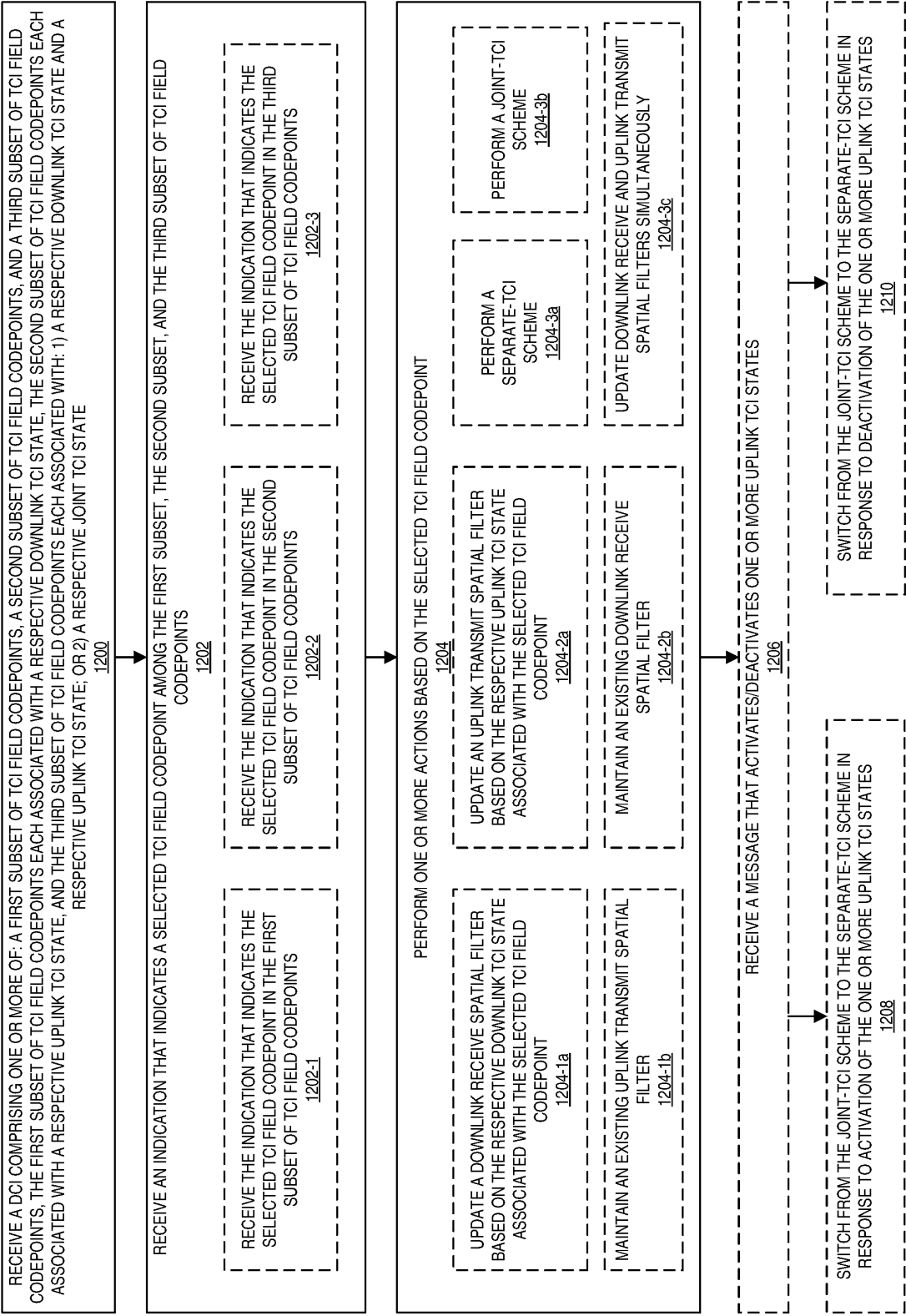


FIG. 12

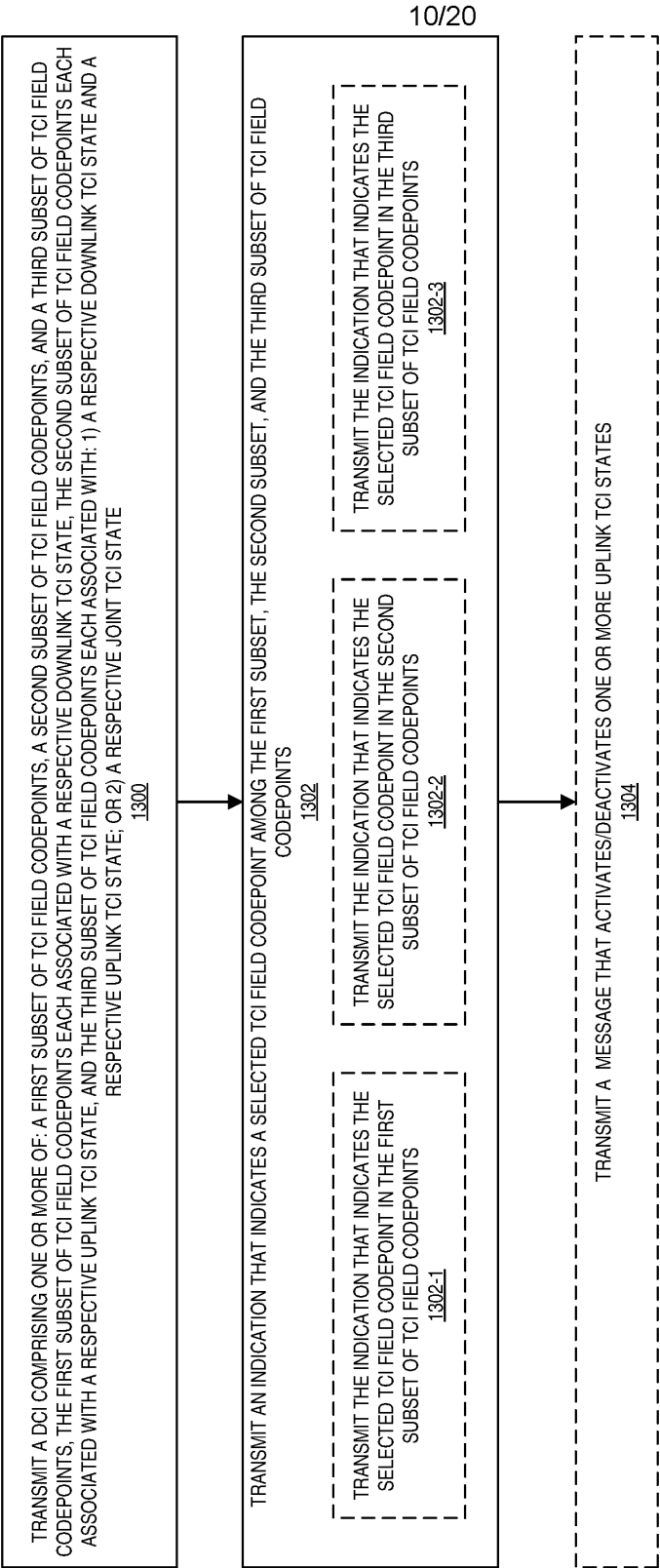


FIG. 13

TCI field Codepoint

0	1	2	3	4	5	6	7
DL TCI 3	DL TCI 7	DL TCI 9	DL TCI 10	DL TCI 25	DL TCI 36		
		UL TCI 1	UL TCI 12	UL TCI 7	UL TCI 20	UL TCI 42	UL TCI 57

DL TCI states

UL TCI states

FIG. 14

TCI field Codepoint

0	1	2	3	4	5	6	7
DL TCI 3	DL TCI 7	Joint TCI 9	Joint TCI 10	Joint TCI 25	UL TCI 36	UL TCI 36	UL TCI 36

TCI states

FIG. 15

TCI field Codepoint

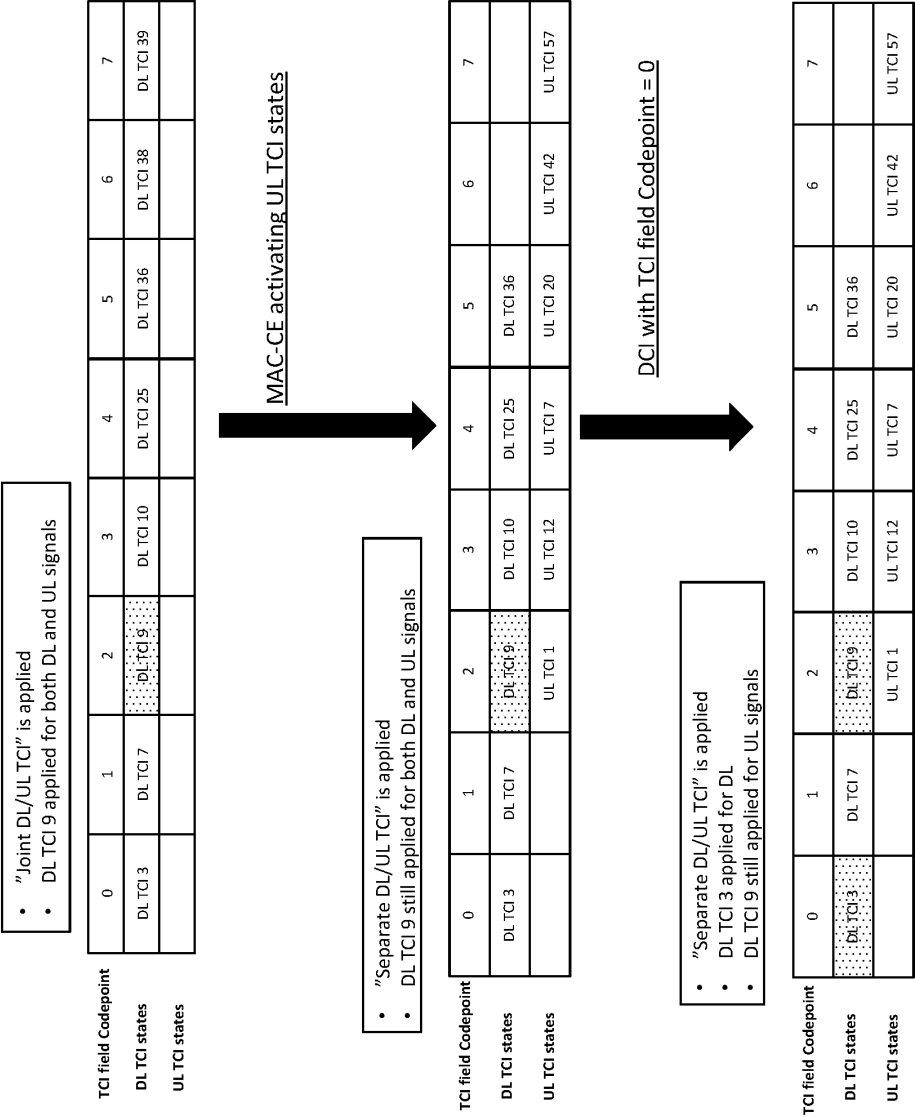
0	1	2	3	4	5	6	7
DL TCI 3	DL TCI 7	DL TCI 9	DL TCI 10	DL TCI 25	DL TCI 36	DL TCI 12	DL TCI 31
		UL TCI 1	UL TCI 12	UL TCI 7	UL TCI 20		

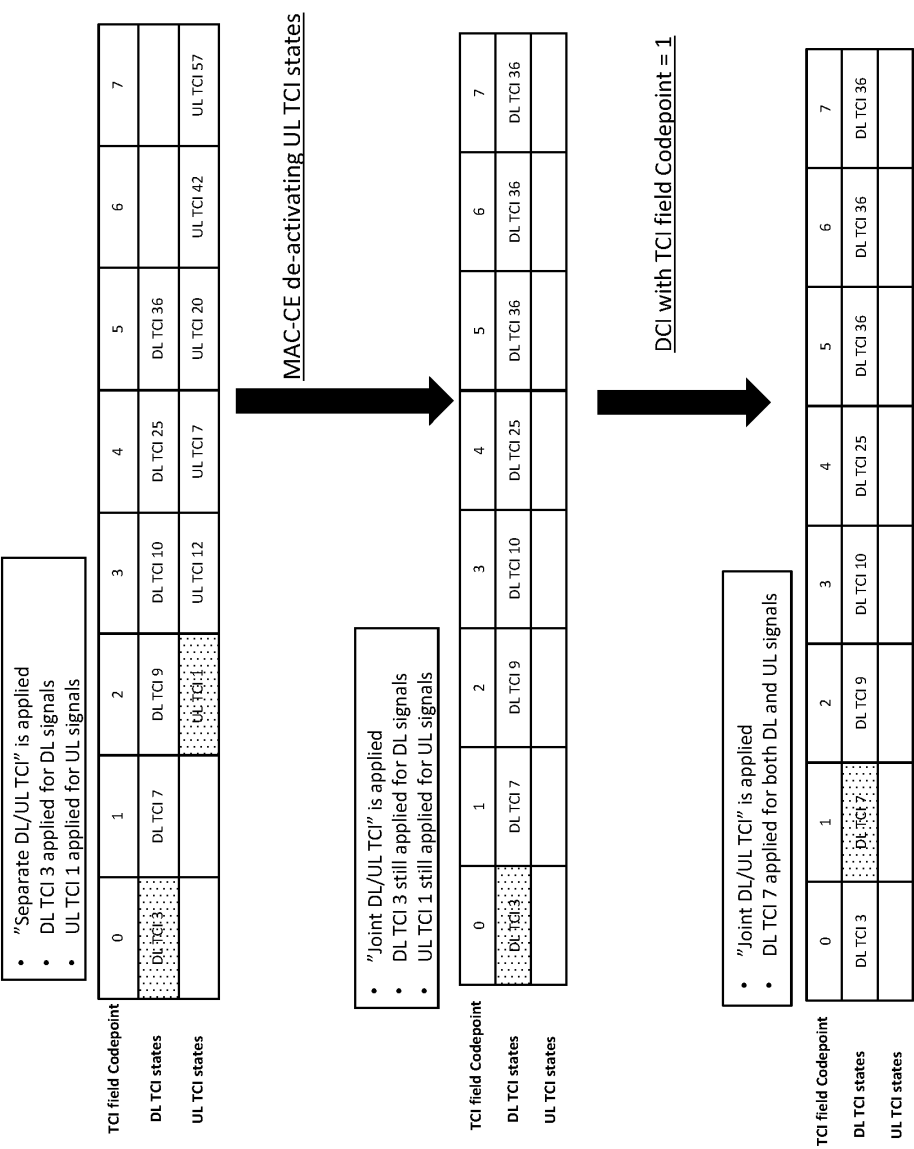
DL TCI states

UL TCI states

FIG. 16

PCT/EP2022/059125





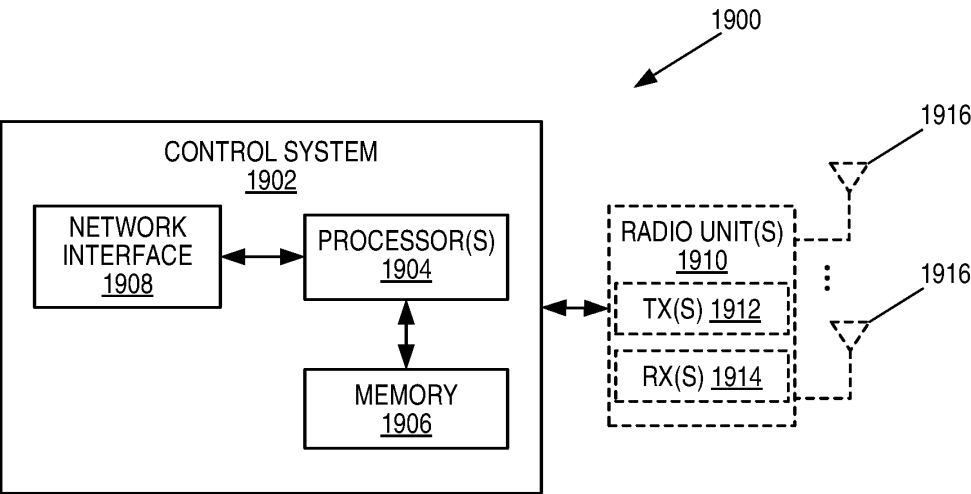


FIG. 19

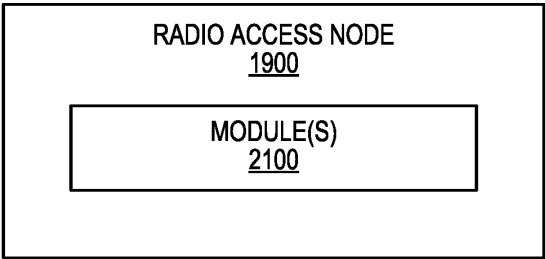
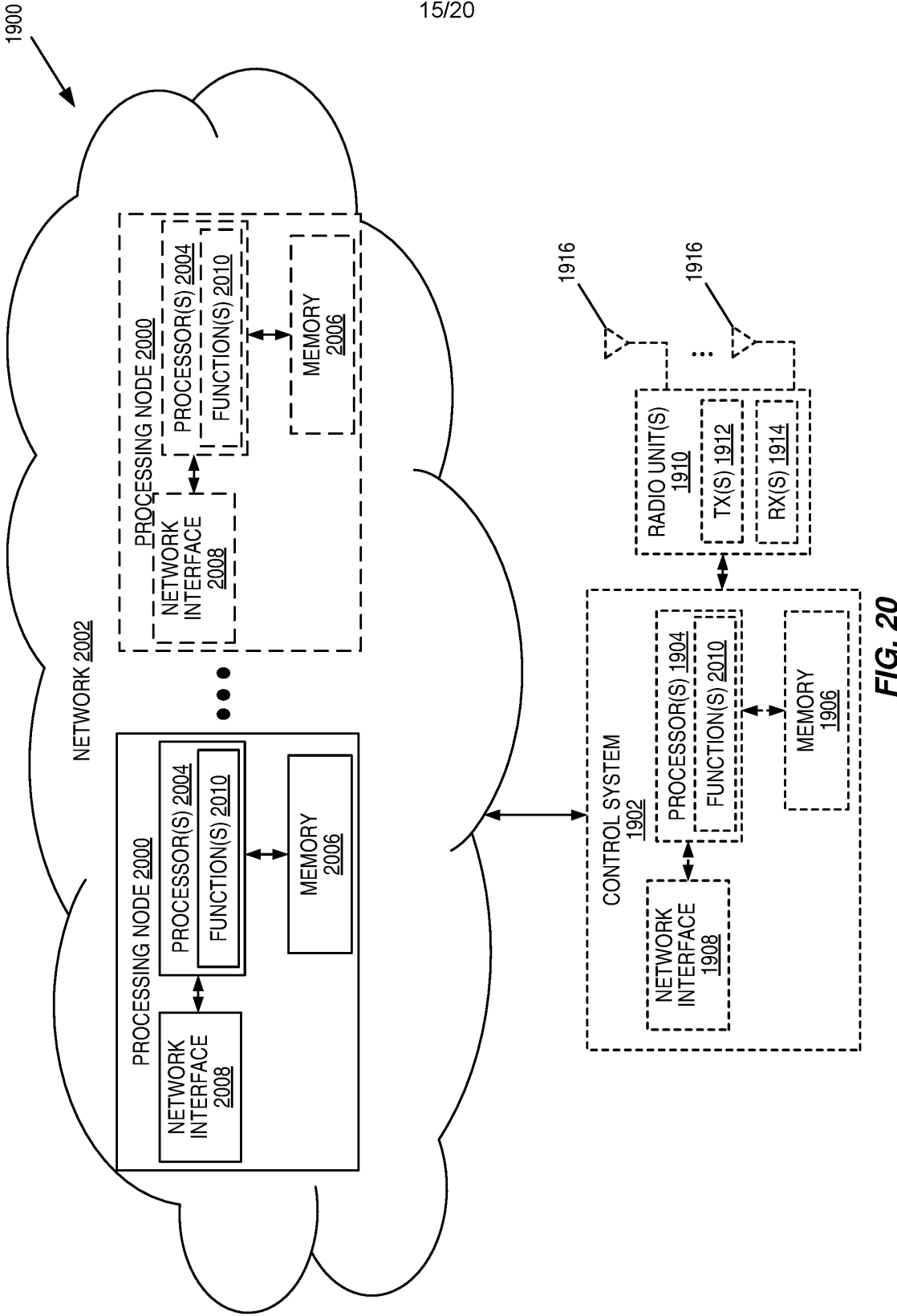
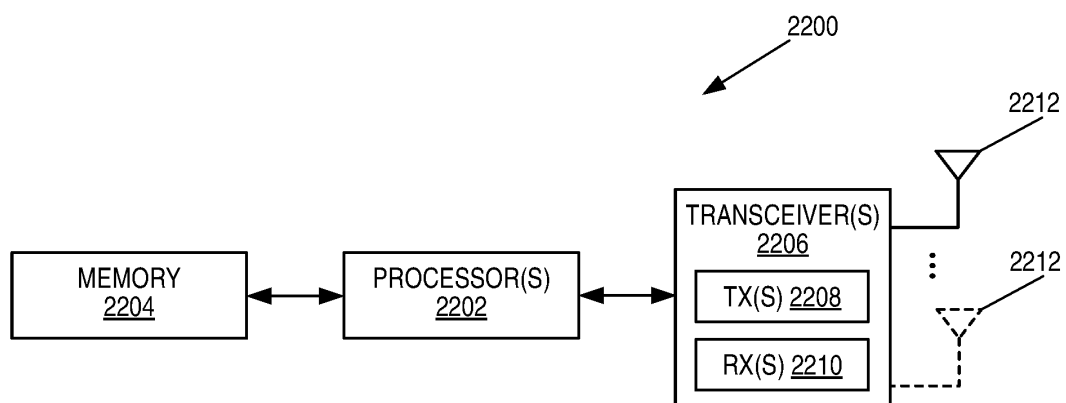
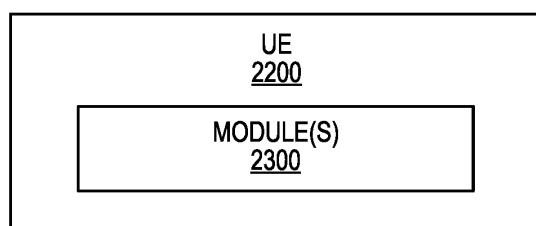


FIG. 21



16/20

**FIG. 22****FIG. 23**

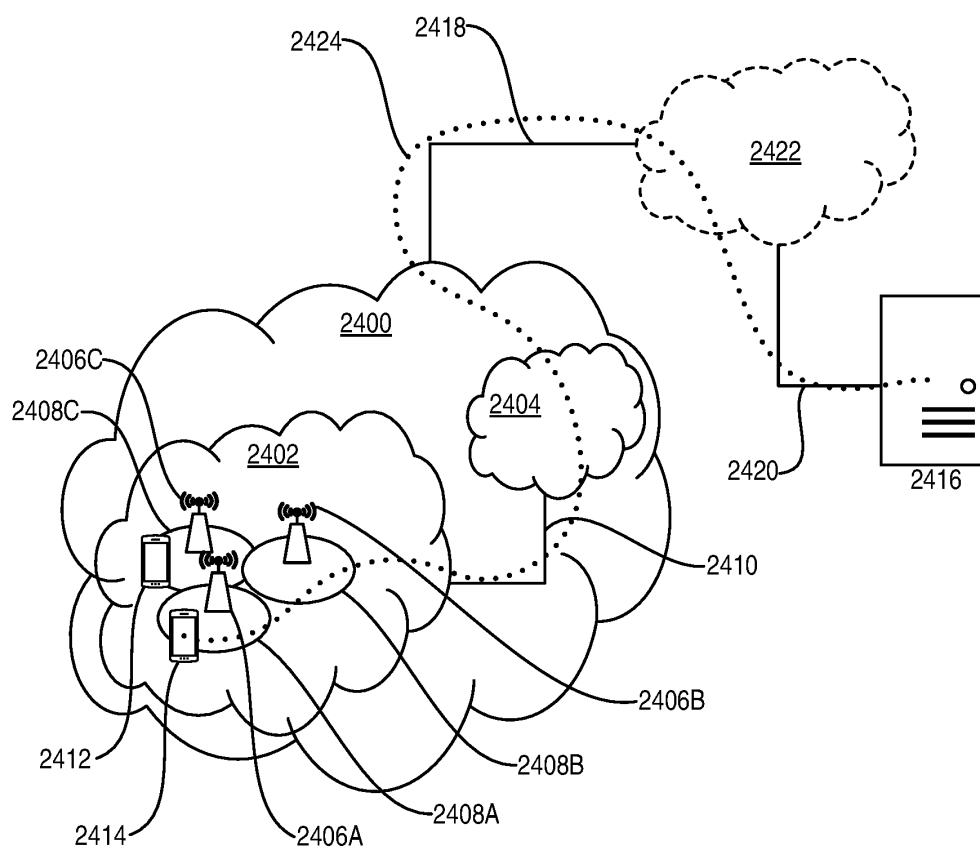


FIG. 24

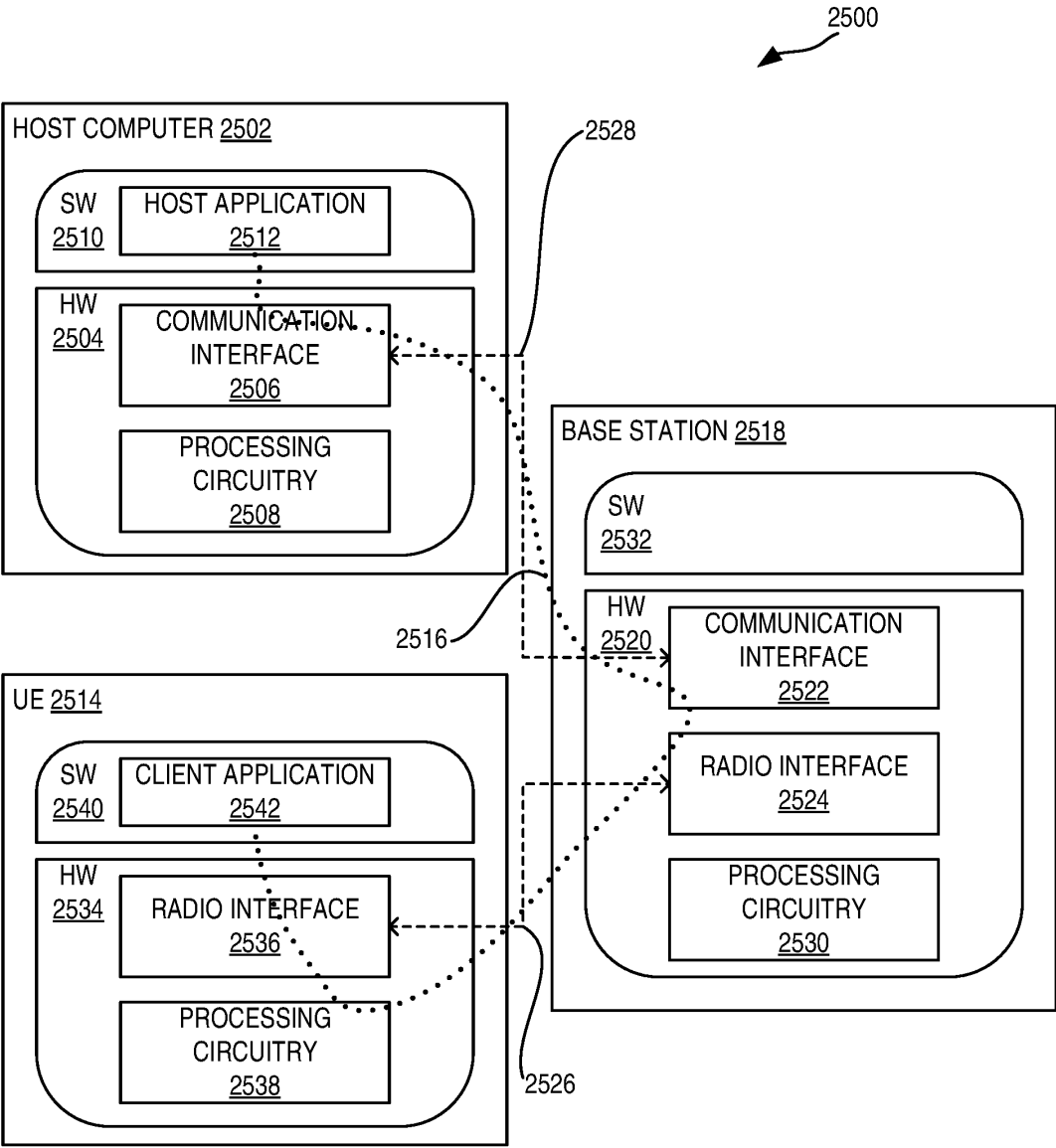


FIG. 25

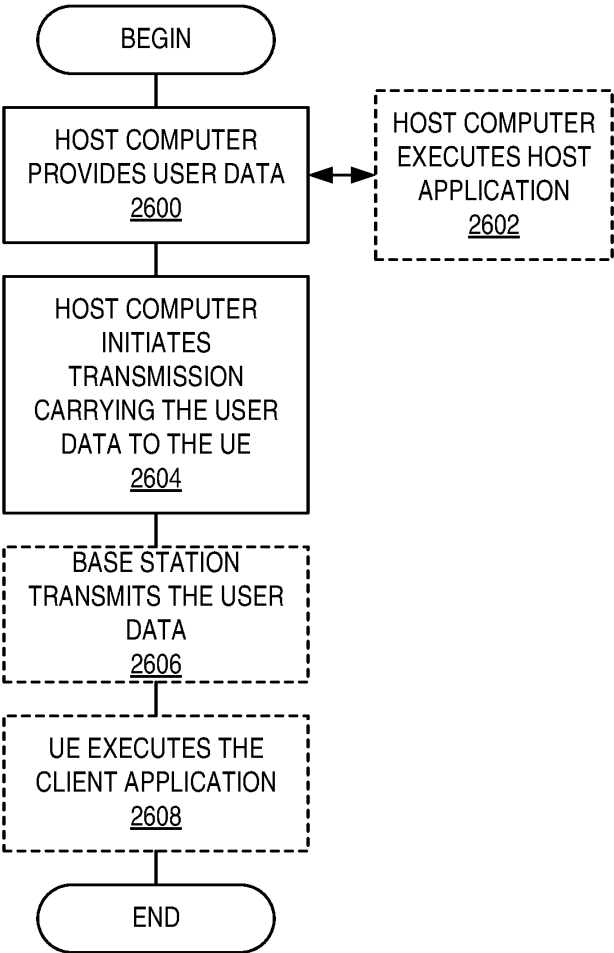


FIG. 26

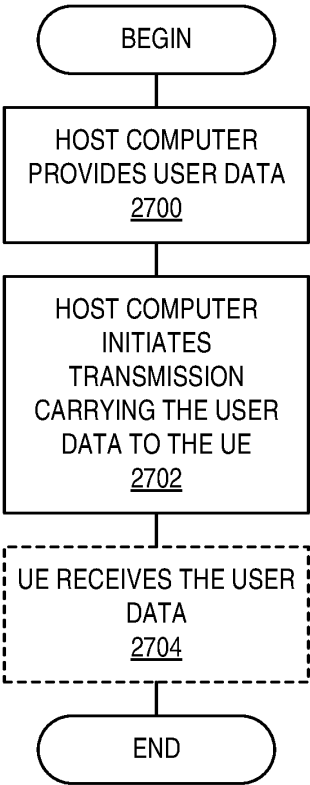


FIG. 27

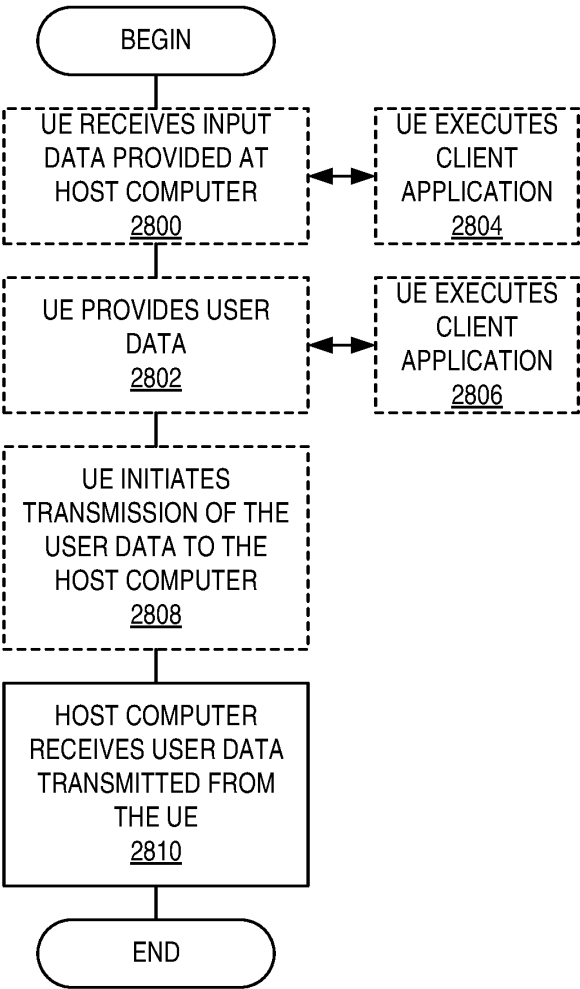


FIG. 28

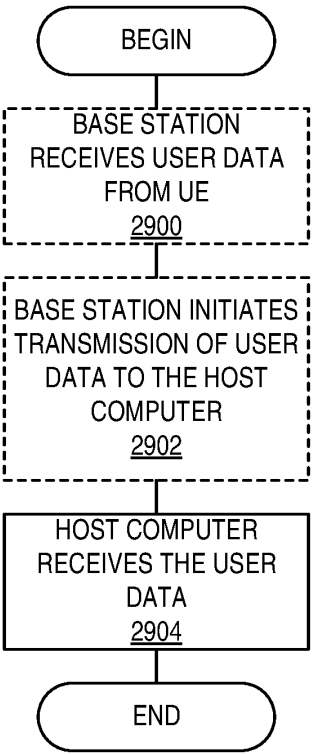


FIG. 29