

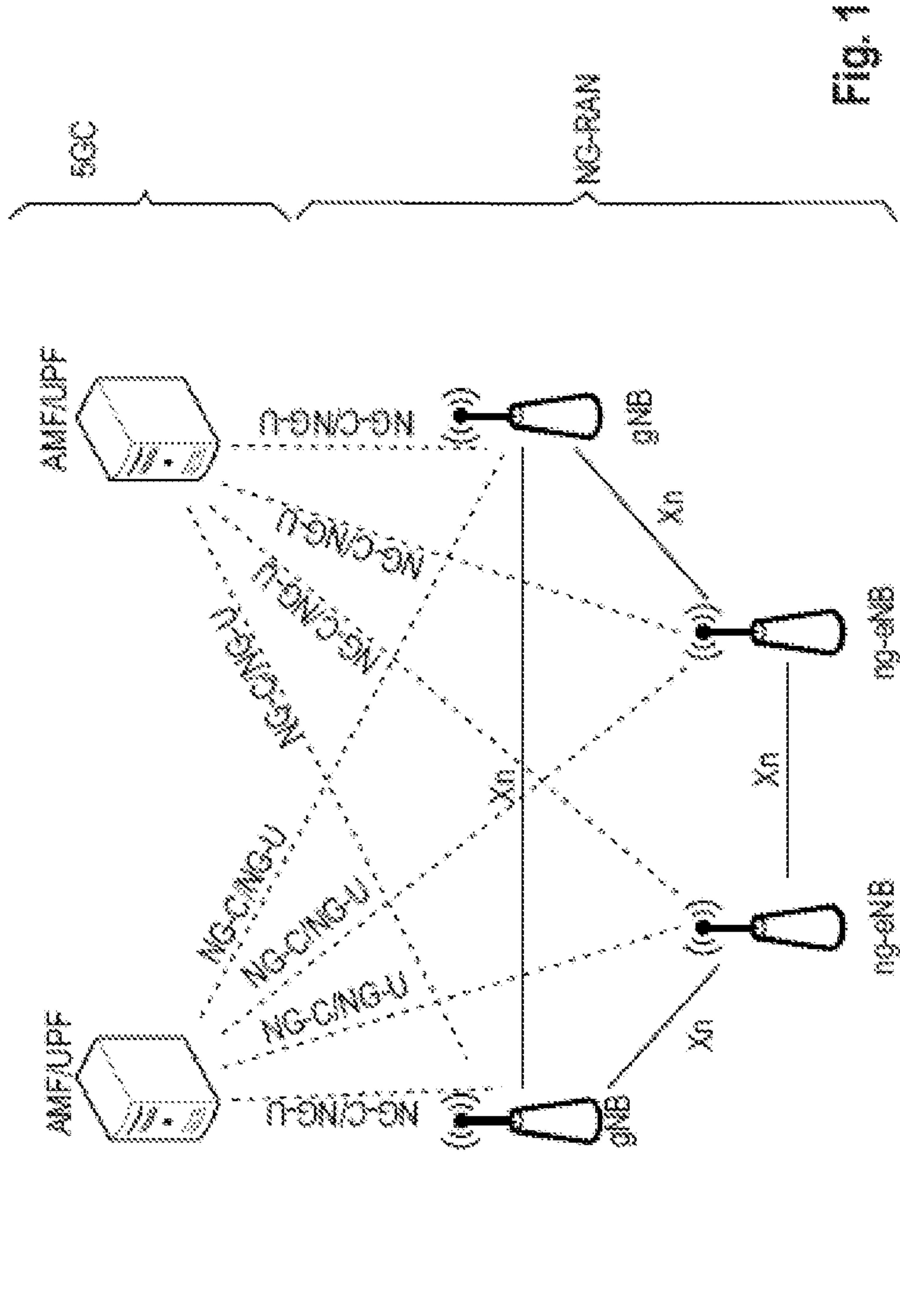


Fig. 1

100

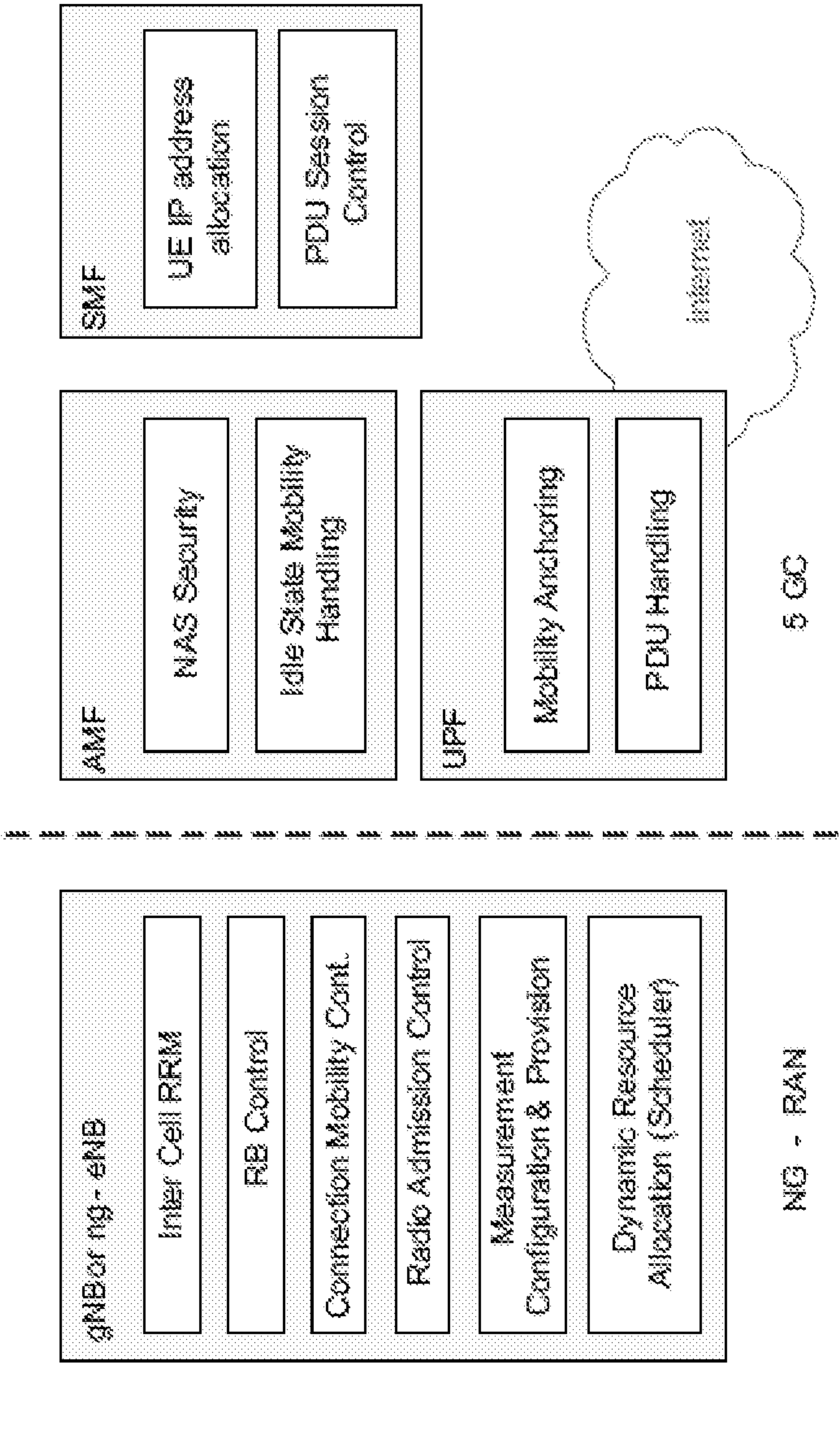


Fig. 2

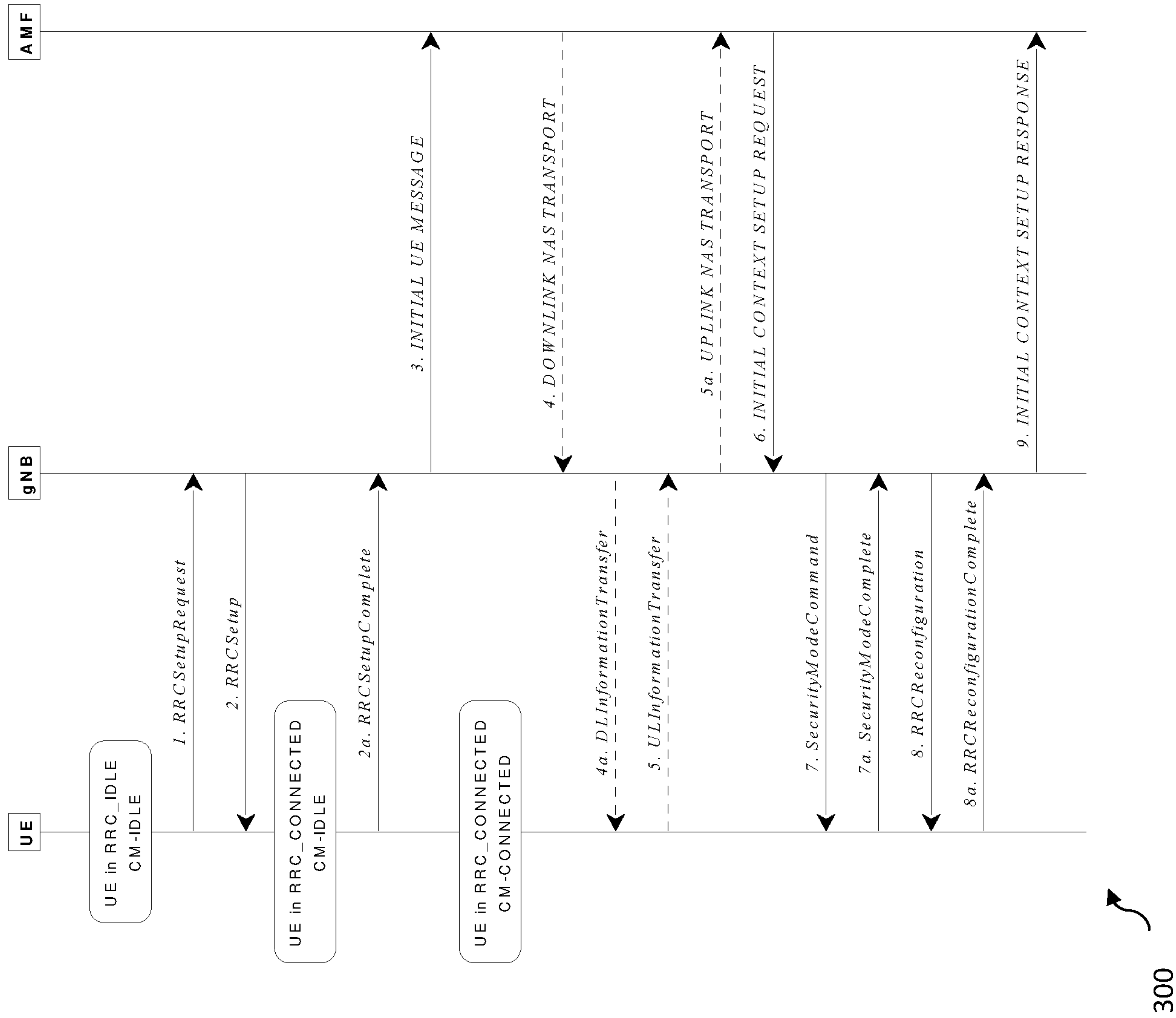


Fig. 3

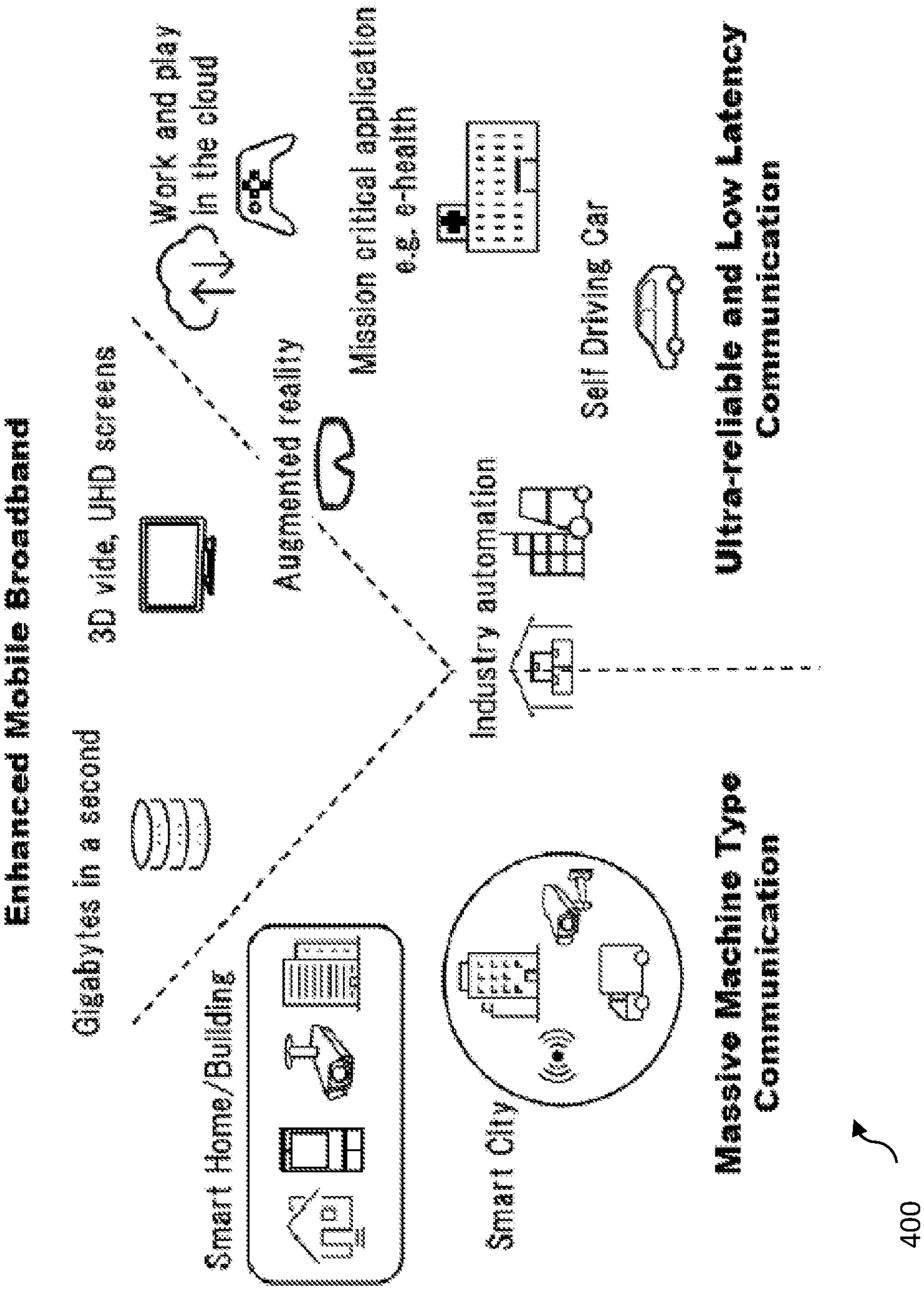


Fig. 4

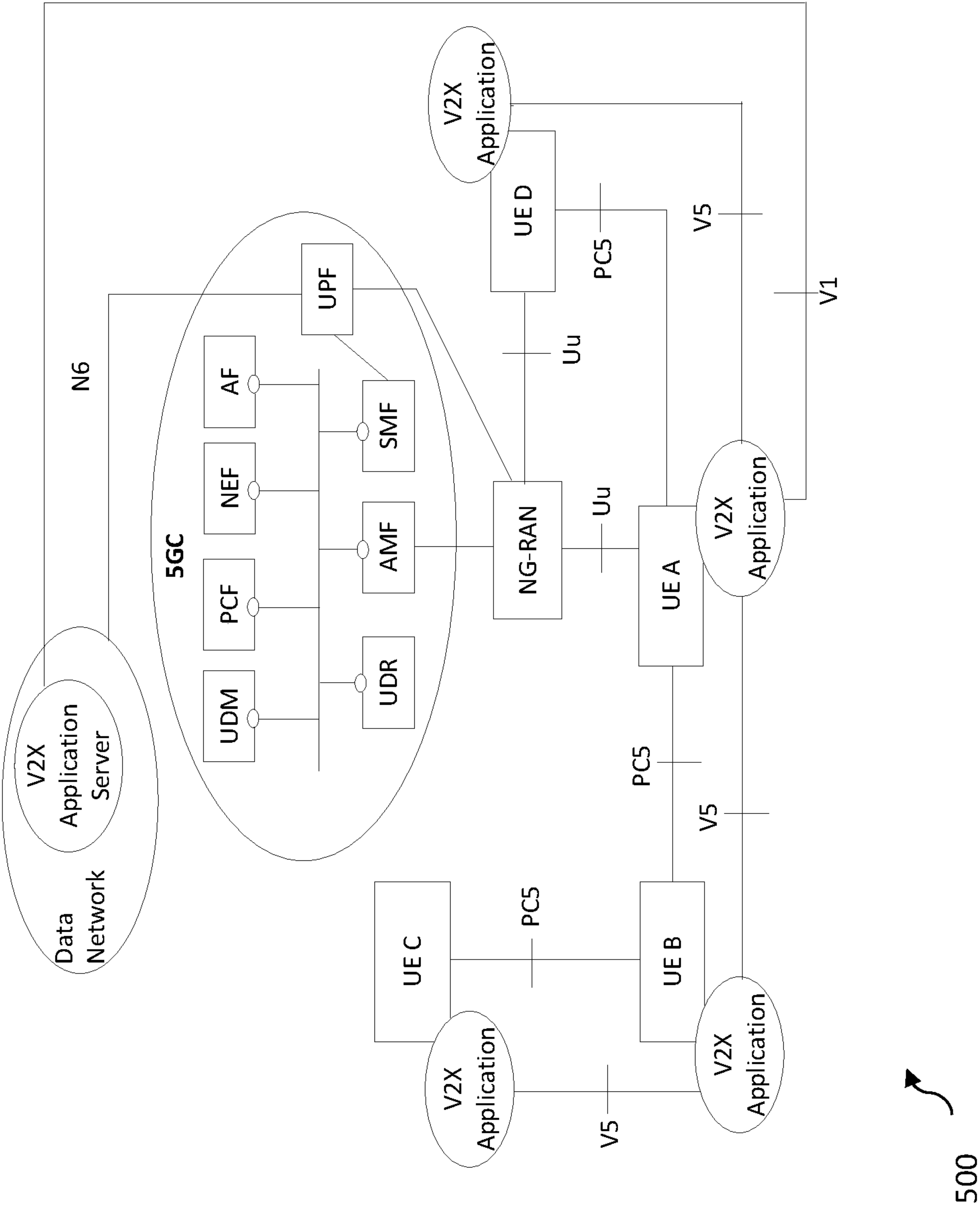


Fig. 5

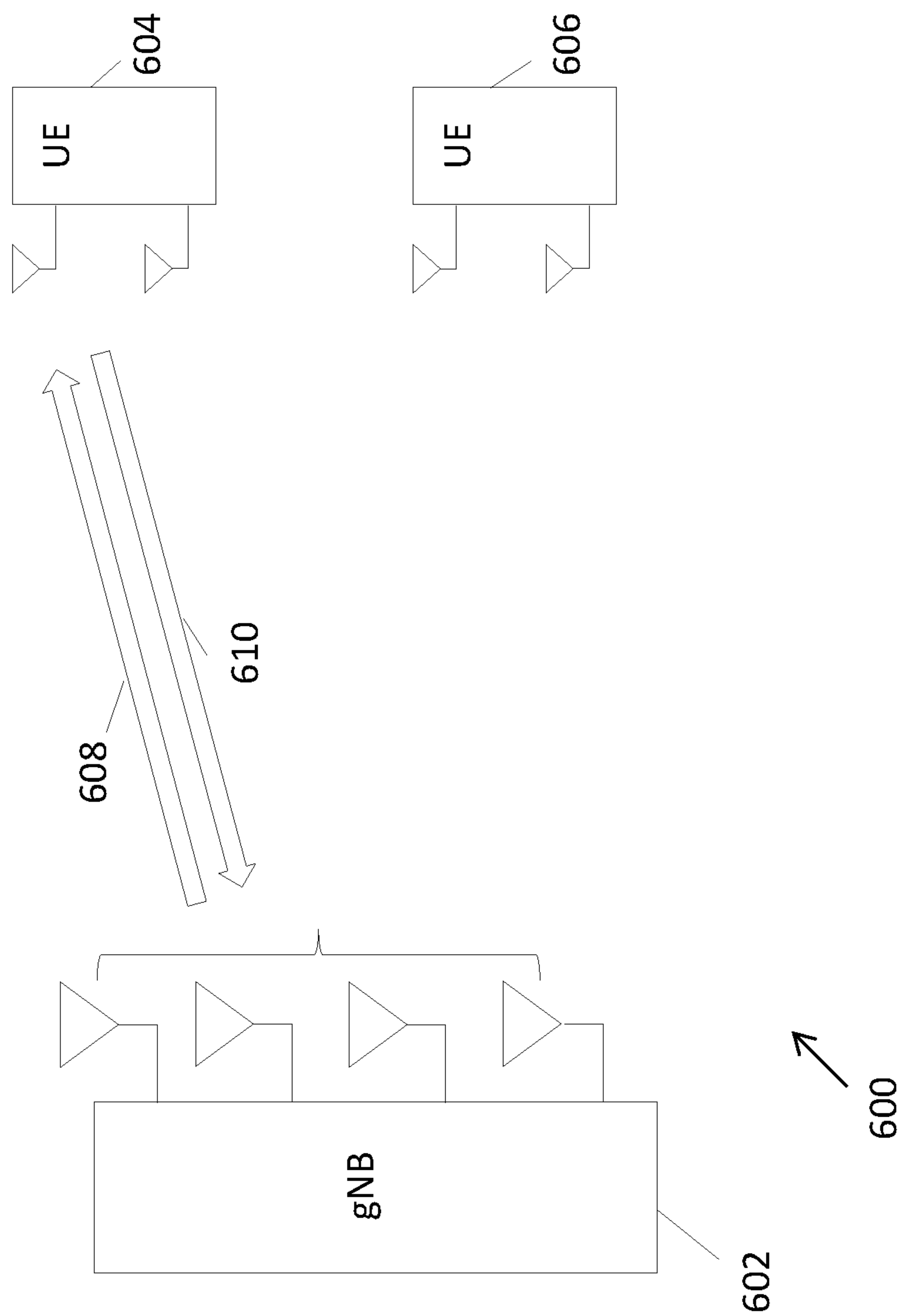


Fig. 6A

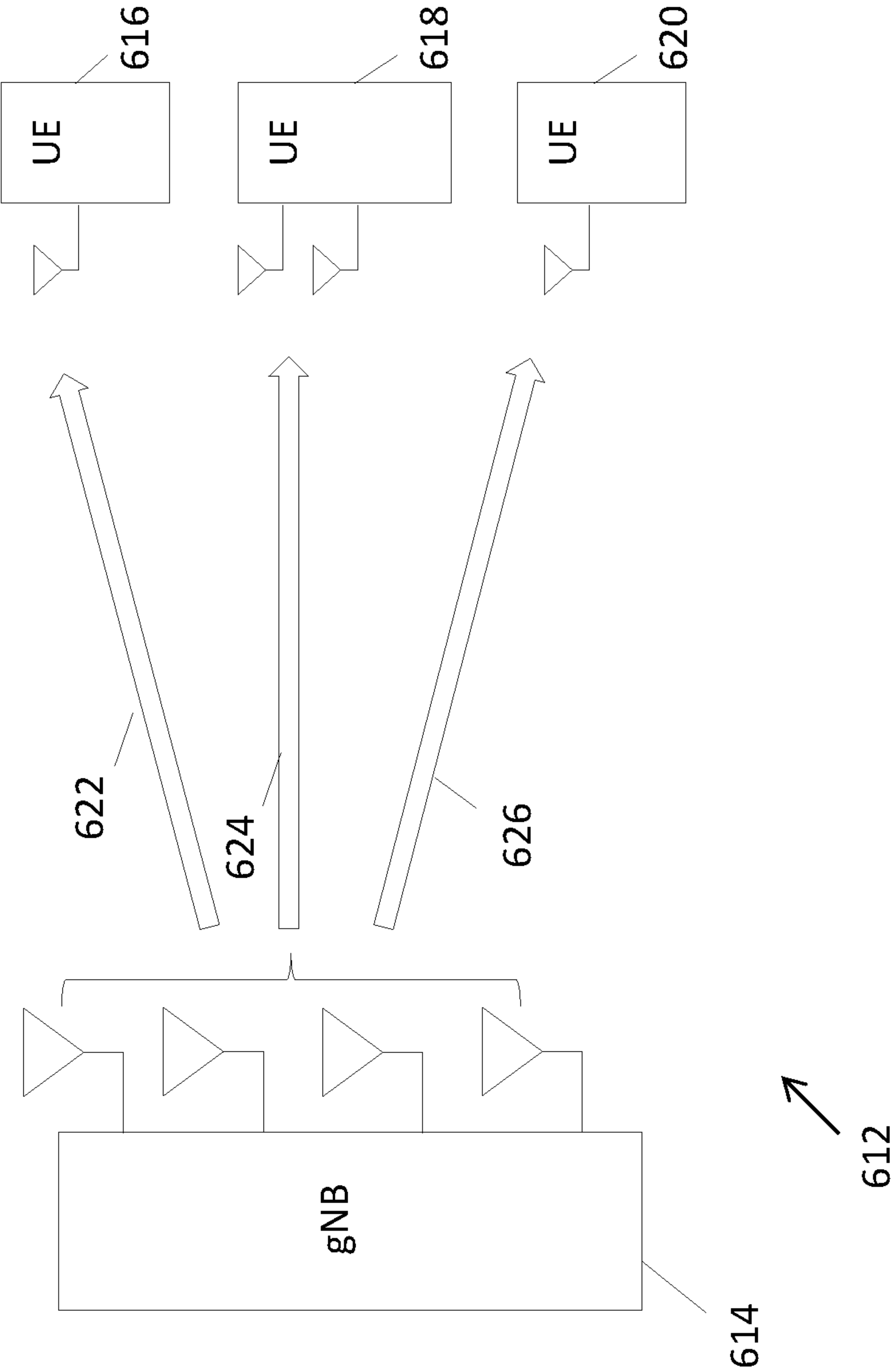


Fig. 6B

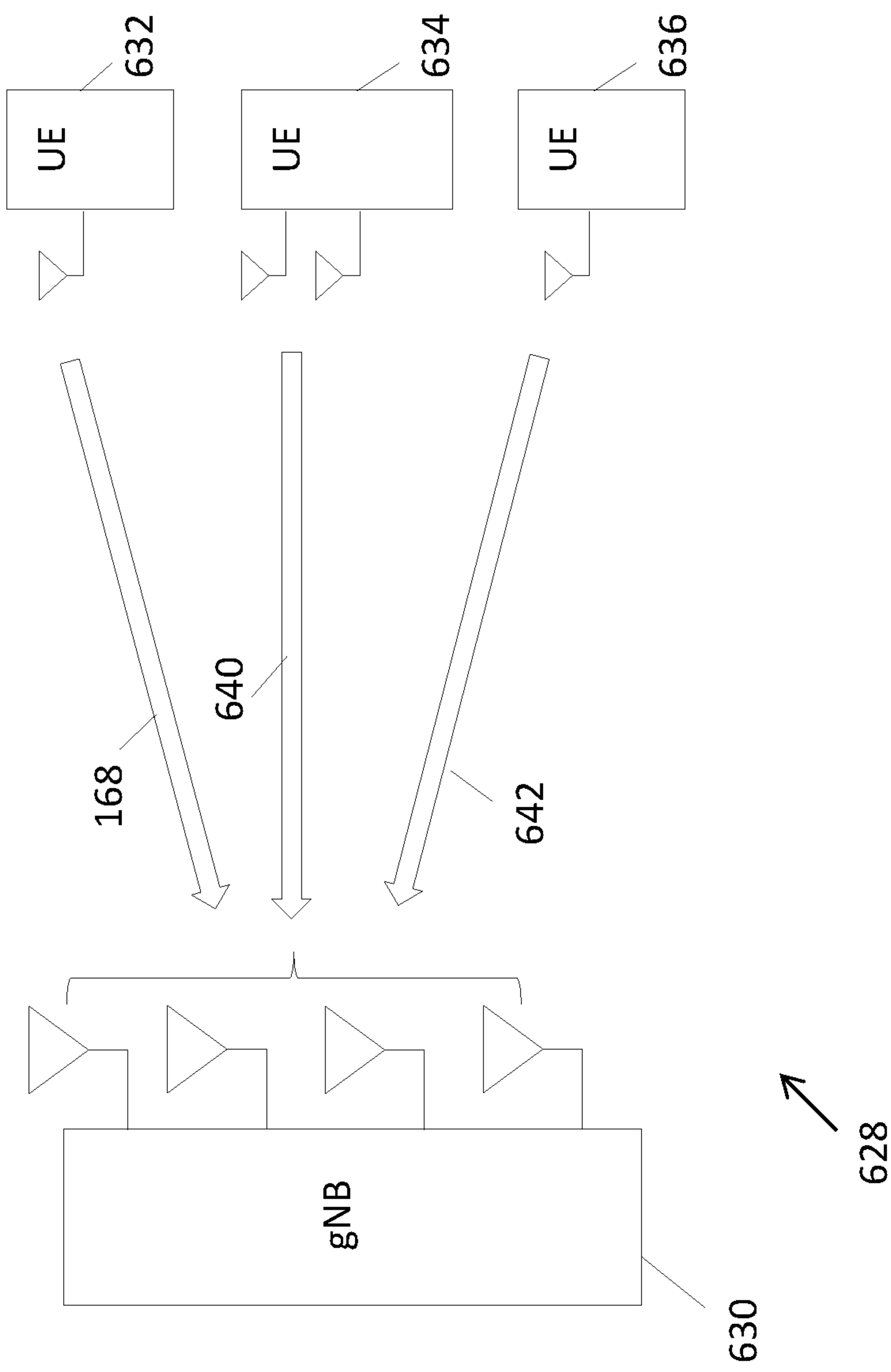


Fig. 6C

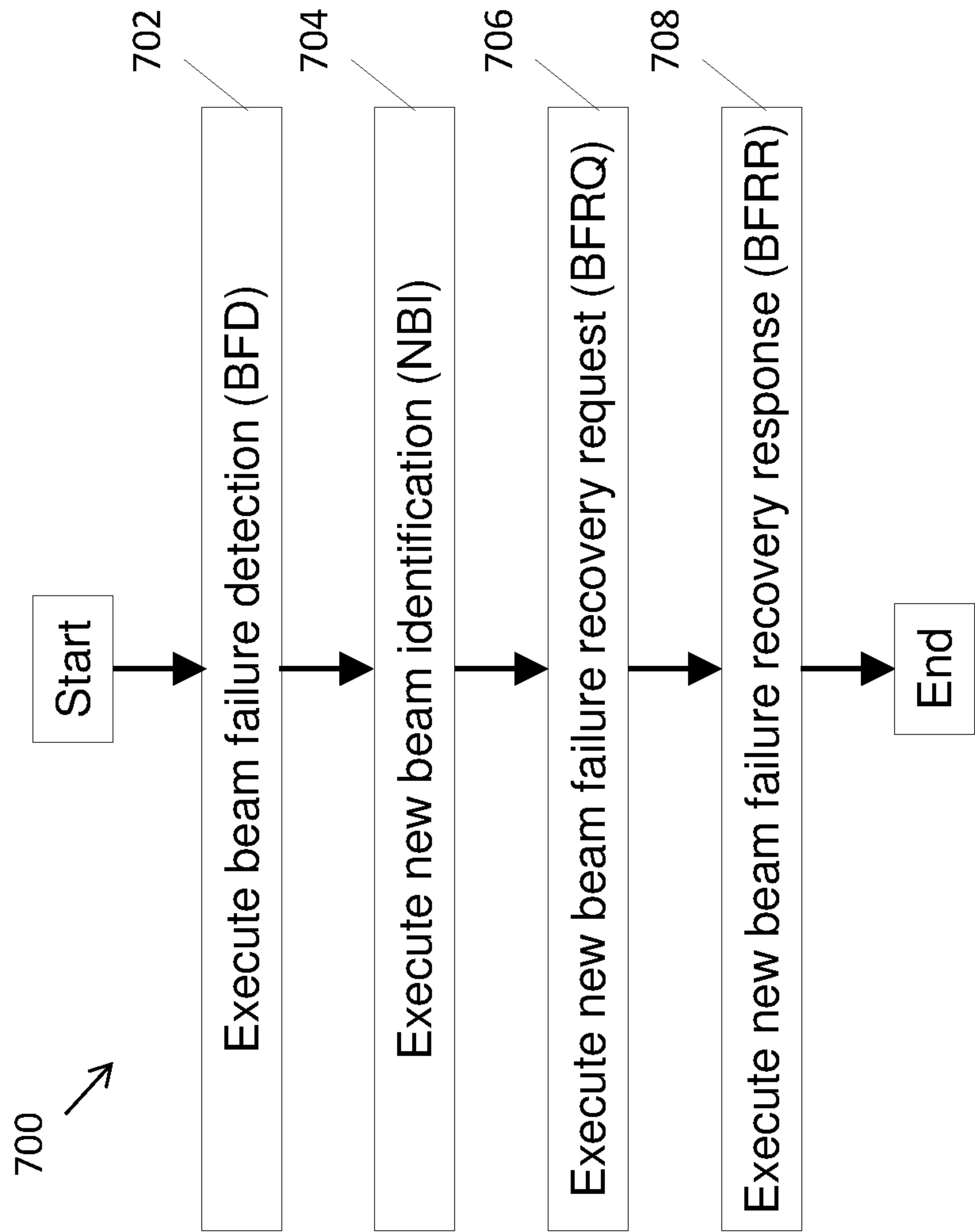


Fig. 7

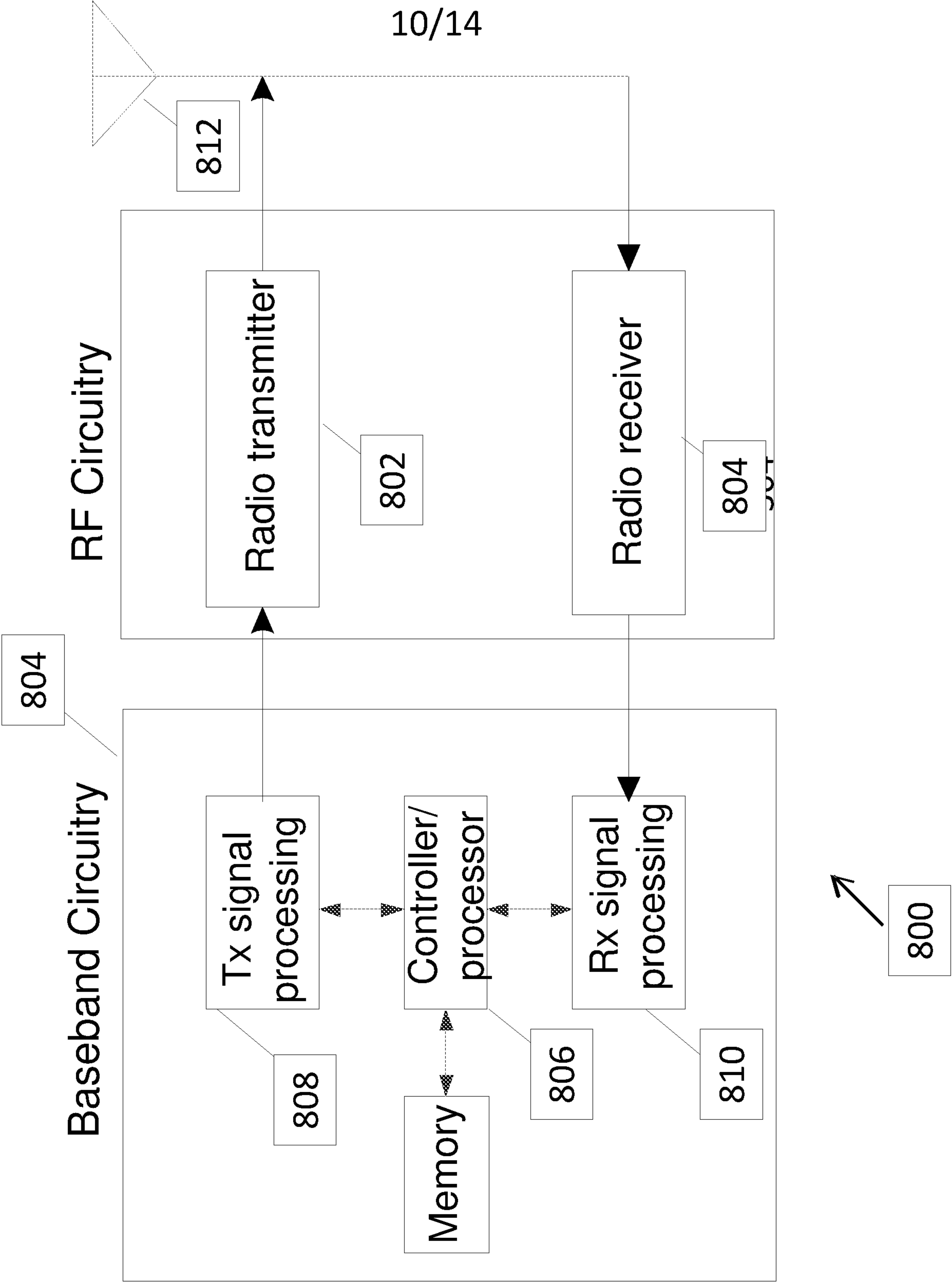


Fig. 8

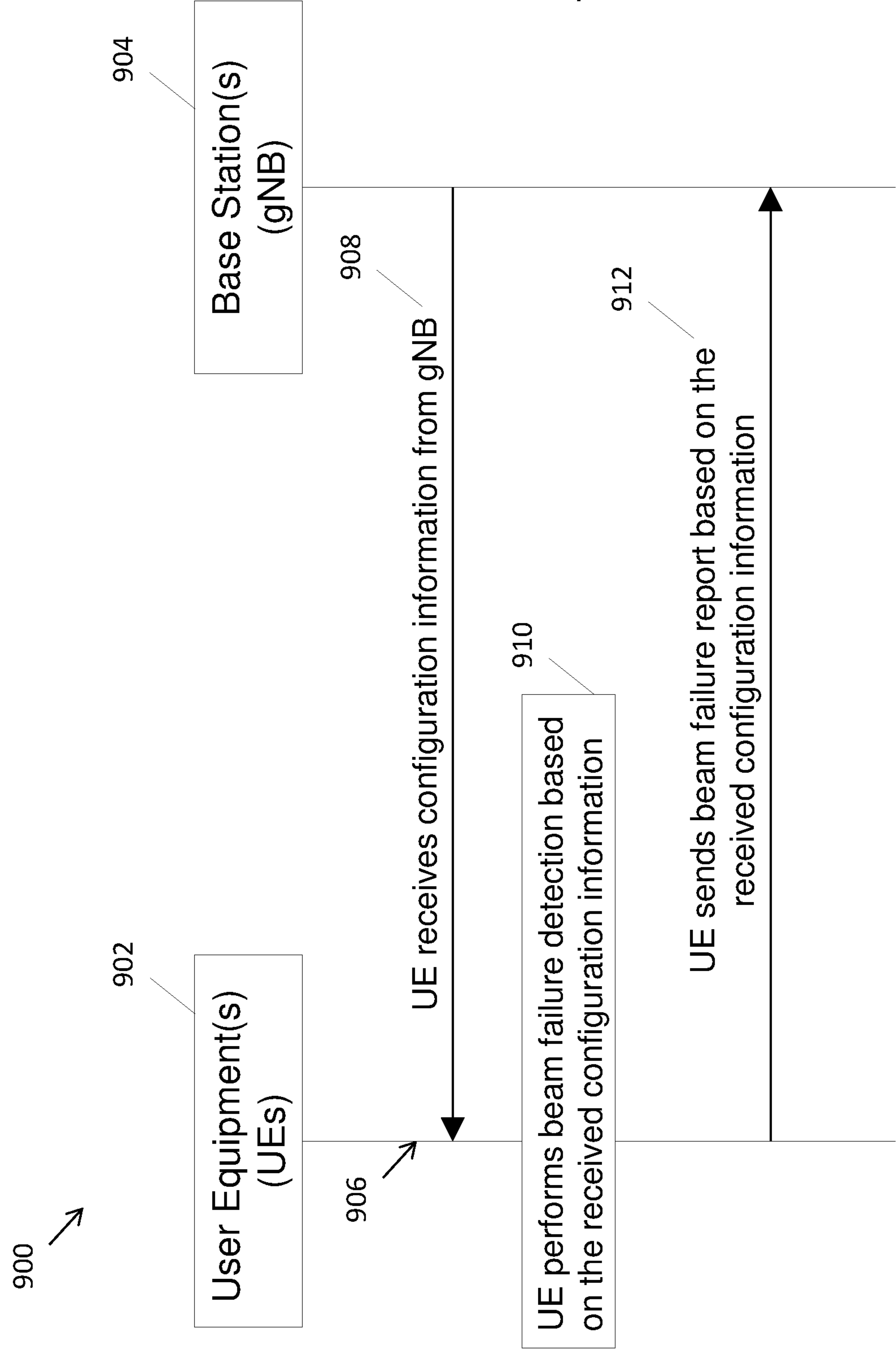


Fig. 9

```
SCellBFRConfigInfo ::= SEQUENCE {
    Option CHOICE {
        SCell-basedBFRInfo SEQUENCE { ... },
        Group-basedSCellBFRInfo Group-basedSCellBFRInfo-IE,
    }
    Group-basedSCellBFRInfo-IE ::= SEQUENCE (SIZE (1..maxGroupNr)) { OF SCellGroup // The proposed group-based SCell BFR IE
    BFRGroupList SEQUENCE {
        GroupIndex INTEGER (1..maxGroupNr),
        Cell_List SEQUENCE (SIZE (1..maxNrofSCell)),
        BFD ENUMERATED { Opt. 1a, Opt. 1b, Opt. 2, Opt. 3a, Opt. 3b },
        BFRreport GroupIdentifier { Group ID, indicated CC, configuration index order },
        MI RSRP-Range OPTIONAL,
        Reason ENUMERATED { initial, UE mobility, blockage, UE rotation },
        BFRreportlink ENUMERATED { PCell (PsCell) UL, SCell UL },
        Newbeam NBInfo { CC index, spatial Rx, AoA } OPTIONAL,
    }
    ... }
}
```

```
ENUMERATED { SCell-basedBFRInfo, Group-basedSCellBFRInfo, both },
```

↗
1000

Fig. 10

Group information

Beam failure detection configuration information

Beam failure detection report configuration information

Group index	Cell_List	BFD	BFreport	MI	BFreportLink	Reason	Newbeam
1	CC1, CC3, CC5	Opt. 1a	Group index	RSRP_02	PCell UL	Initial	No
2	PCell, CC2, CC6	Opt. 2	PCell	RSRP_05	PCell UL	UE mobility	No
3	CC7, CC8	Opt. 3b	CC7	RSRP_10	SCell UL	Blockage	No

13/14

↗
1100

Fig. 11

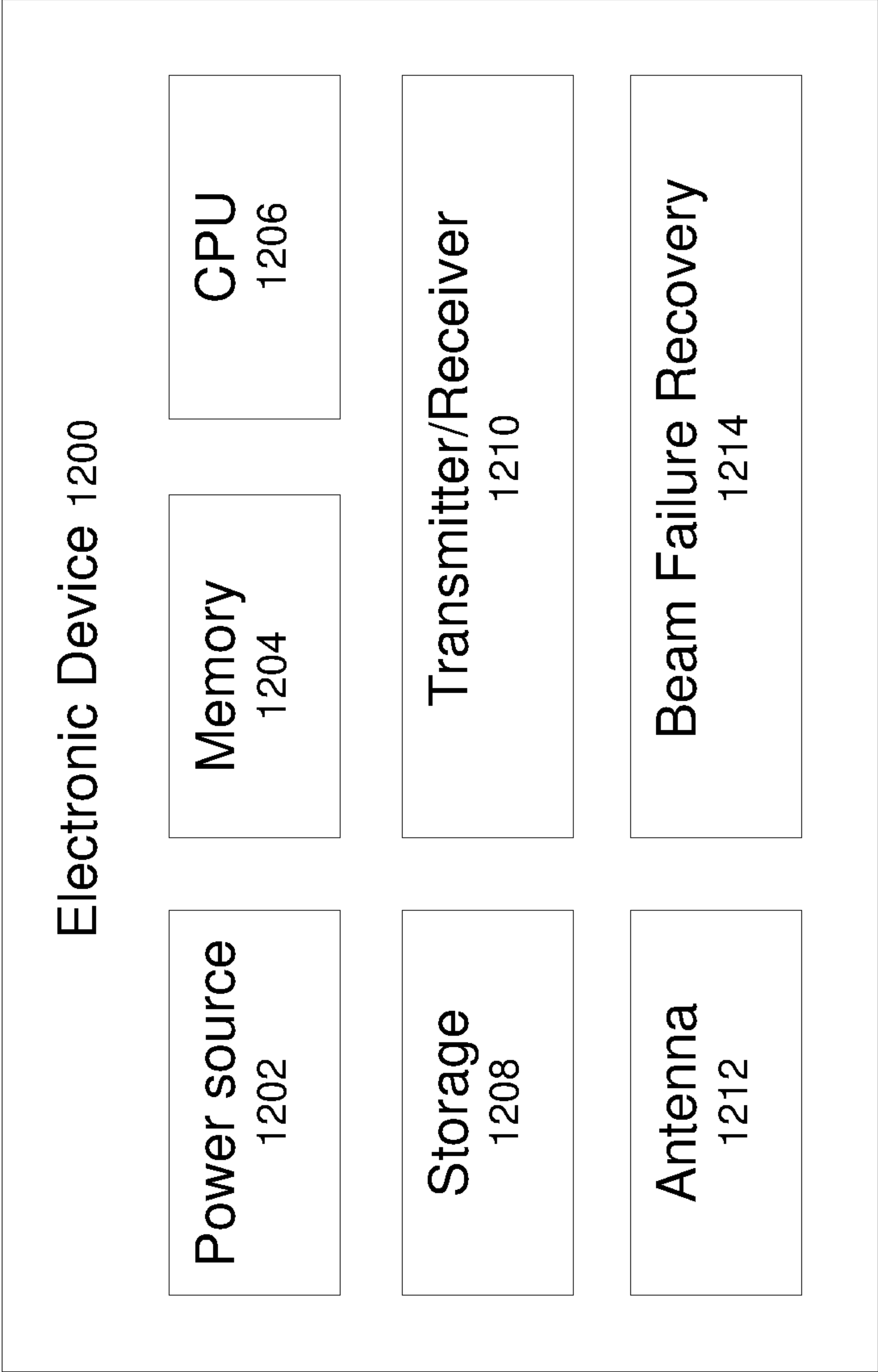


Fig. 12