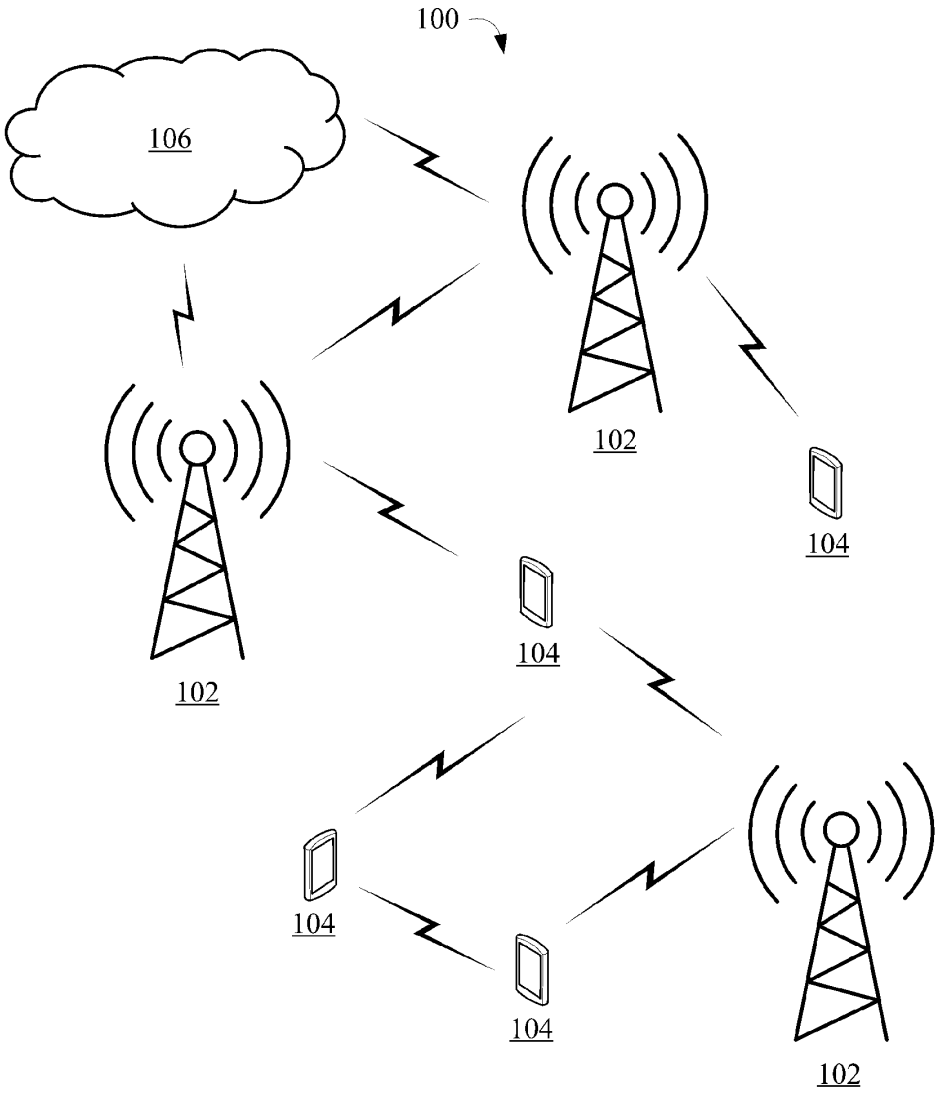


FIG. 1

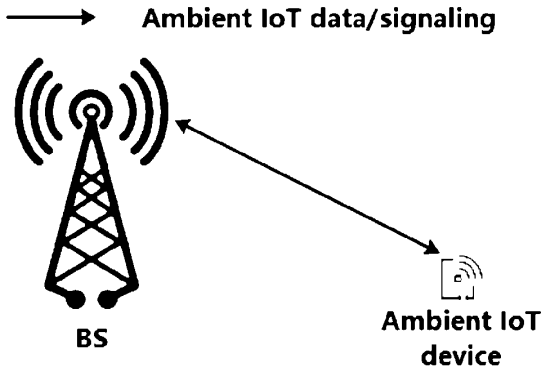


FIG. 2A

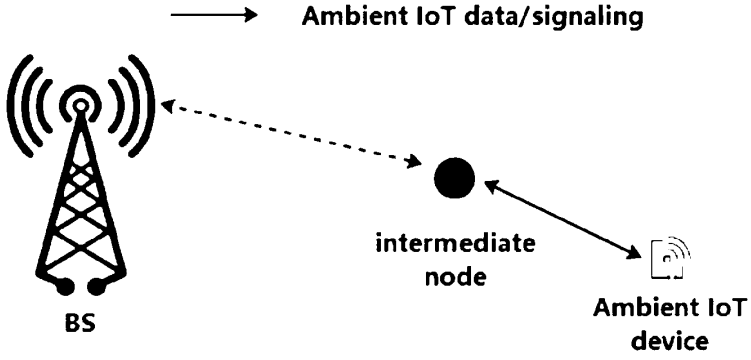


FIG. 2B

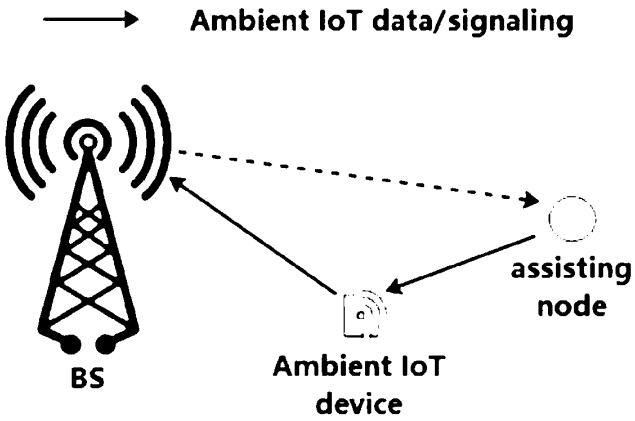


FIG. 2C

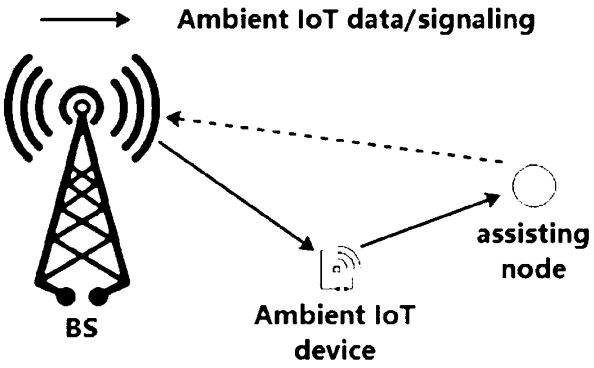

Ambient IoT data/signaling
assisting node
BS
Ambient IoT device

FIG. 2D

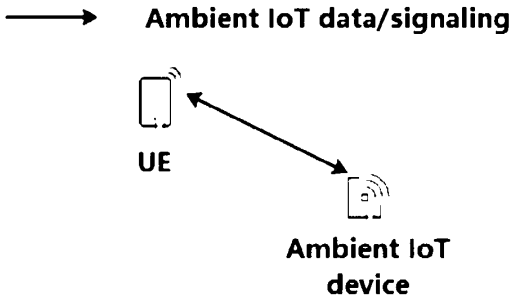

Ambient IoT data/signaling
UE
Ambient IoT device

FIG. 2E

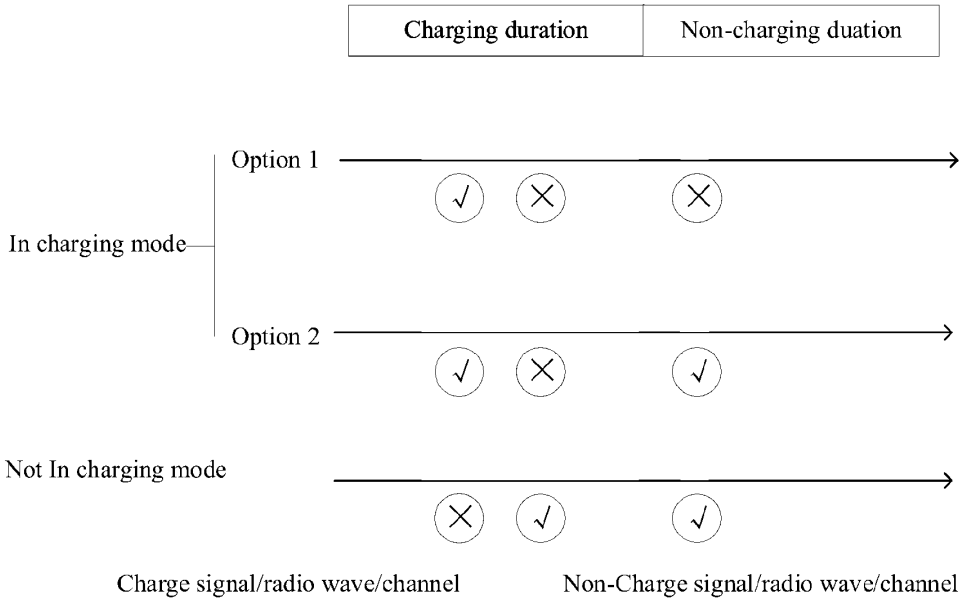


FIG. 3

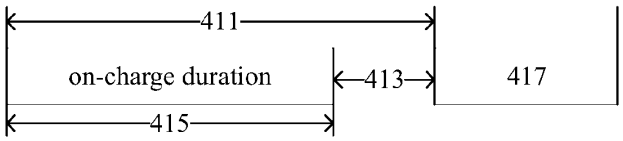


FIG. 4A

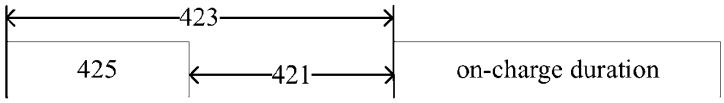


FIG. 4B

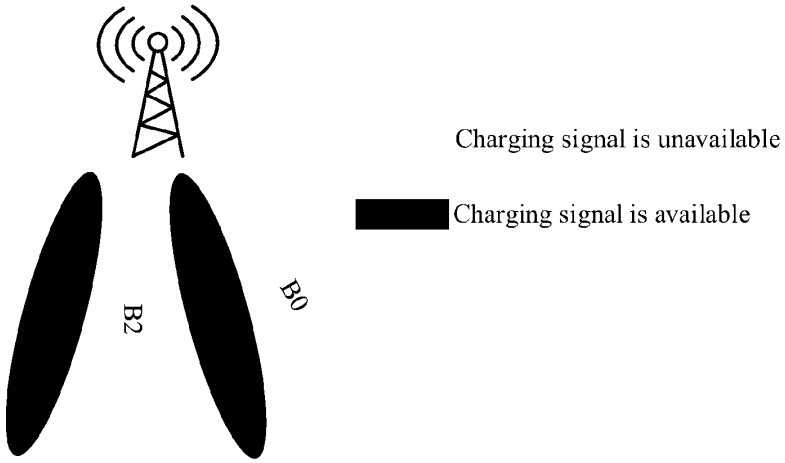


FIG. 4C

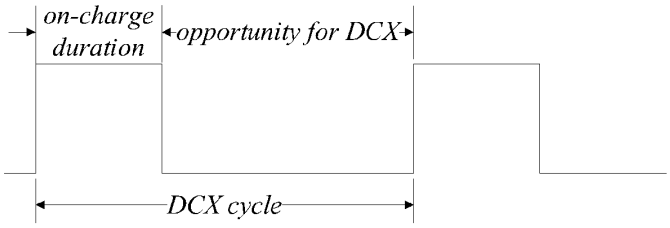


FIG. 4D

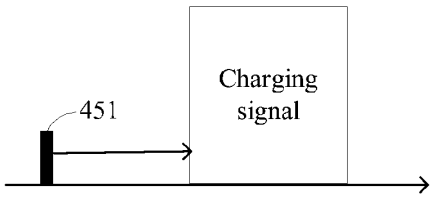


FIG. 4E

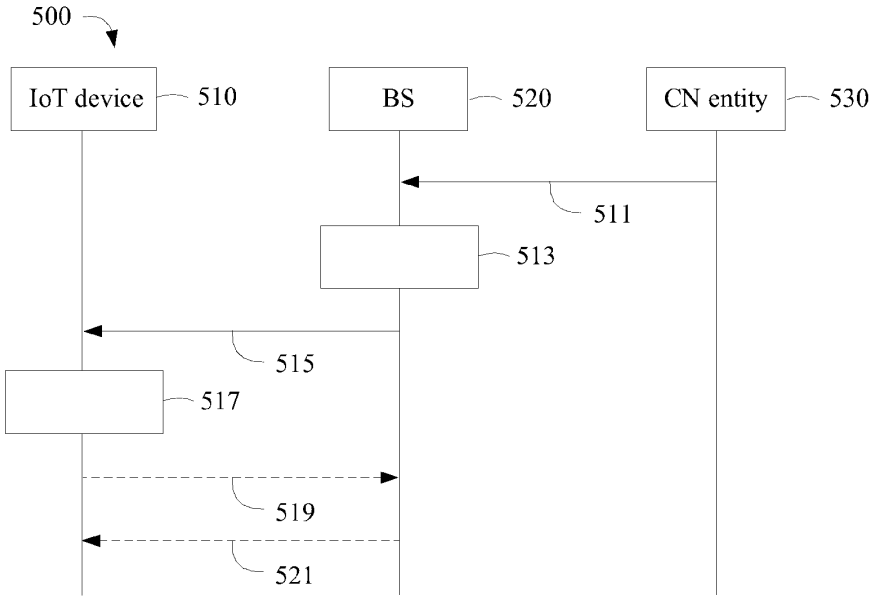

500
IoT device
510
BS
520
CN entity
530
511
513
515
517
519
521

FIG. 5

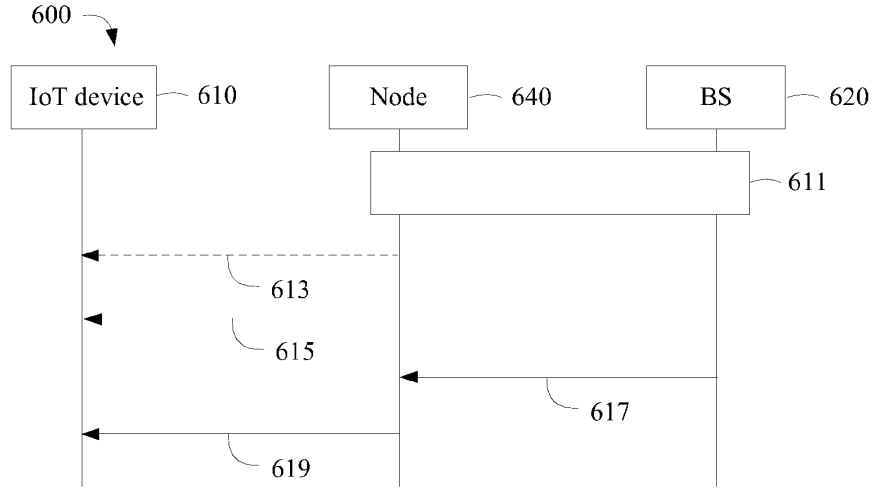

600
IoT device
610
Node
640
BS
620
611
613
615
617
619

FIG. 6

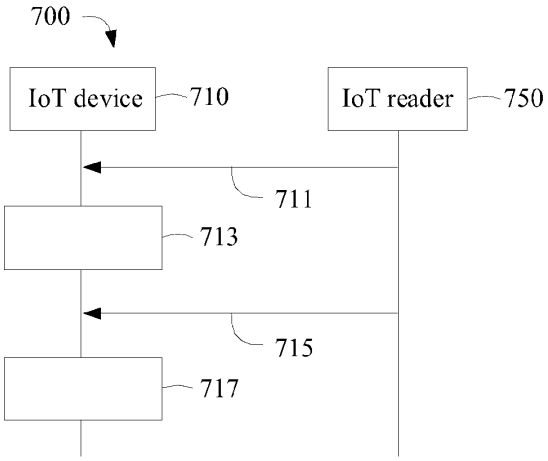


FIG. 7

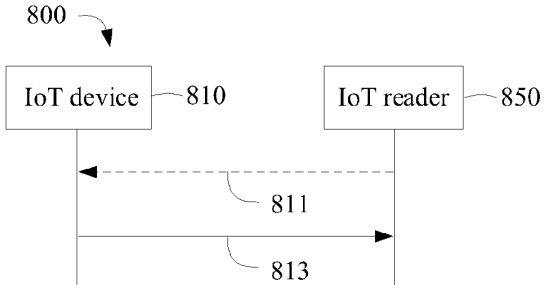


FIG. 8

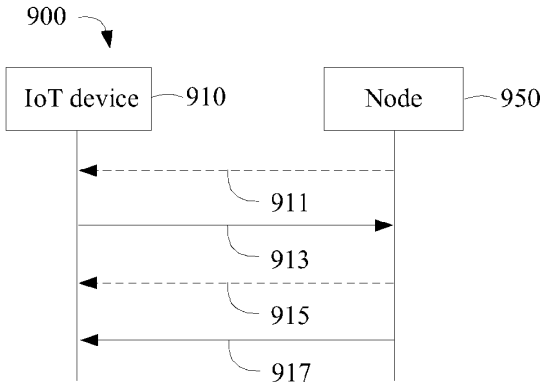


FIG. 9

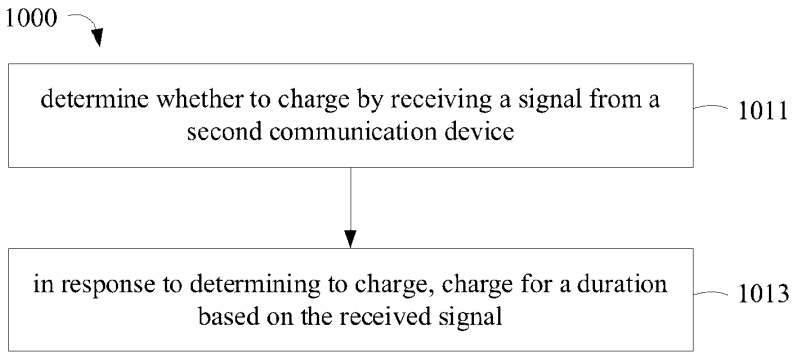


FIG. 10

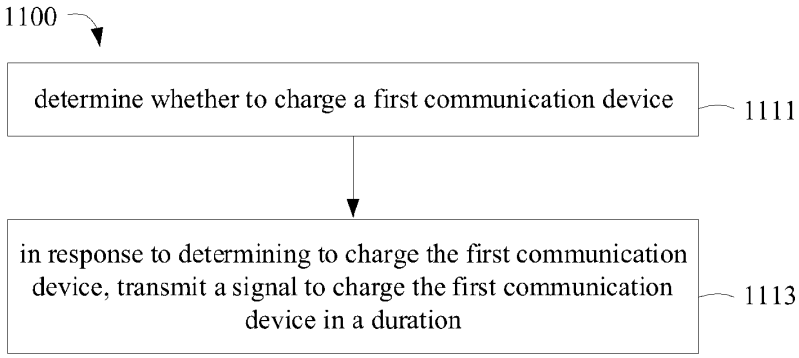


FIG. 11

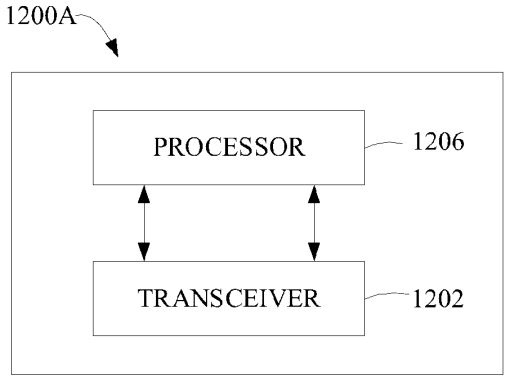


FIG. 12A

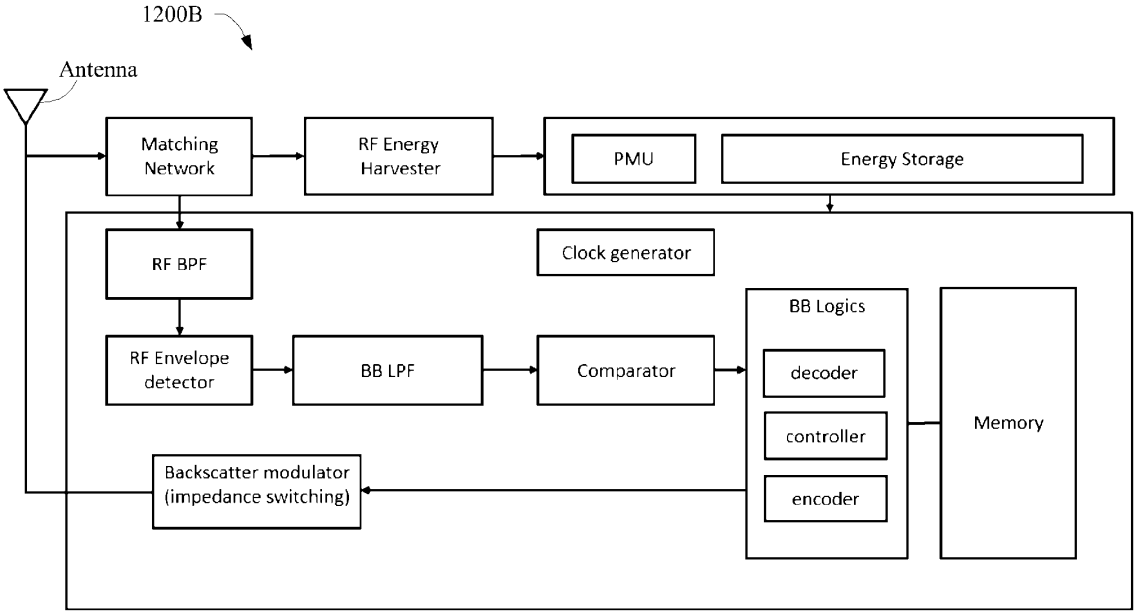


FIG. 12B

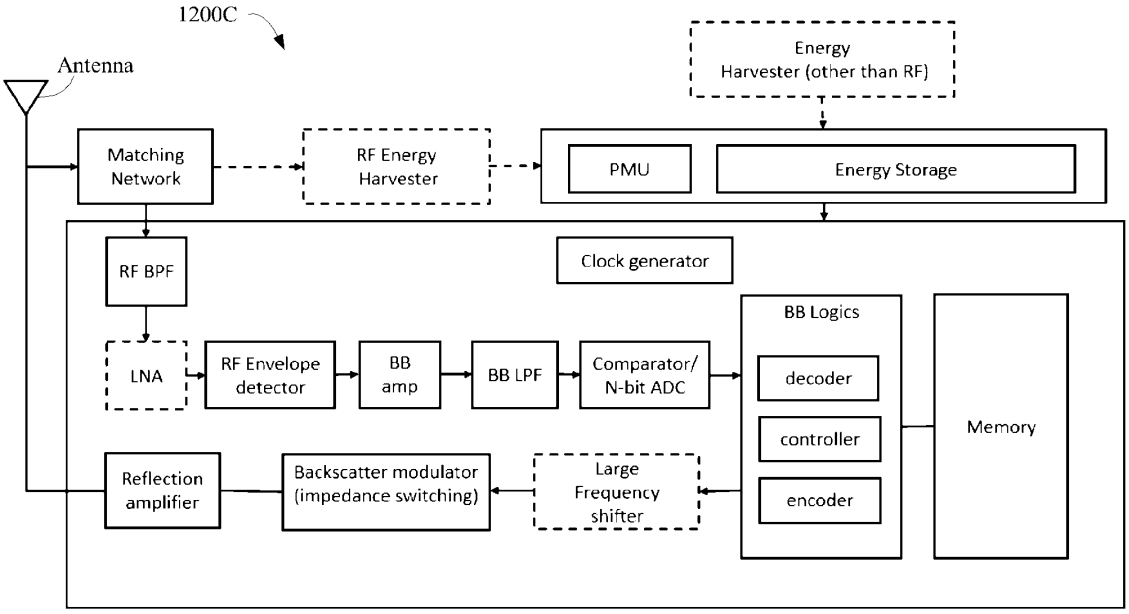


FIG. 12C

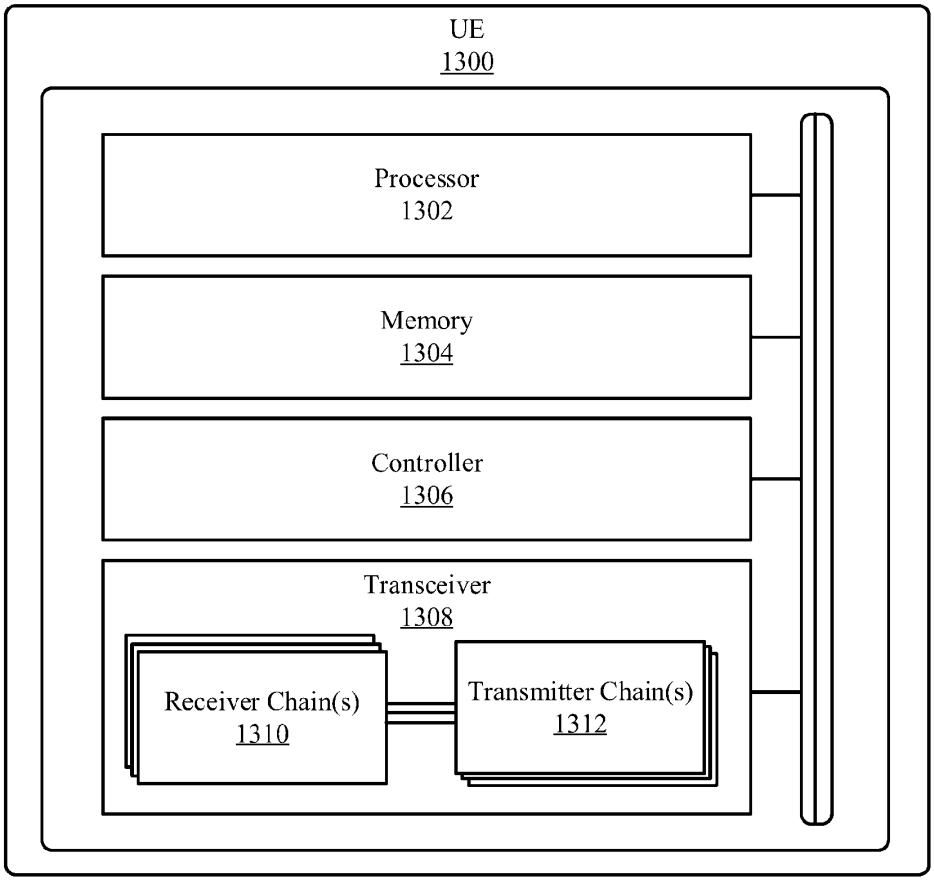

UE
1300
Processor
1302
Memory
1304
Controller
1306
Transceiver
1308
Receiver Chain(s)
1310
Transmitter Chain(s)
1312

FIG. 13

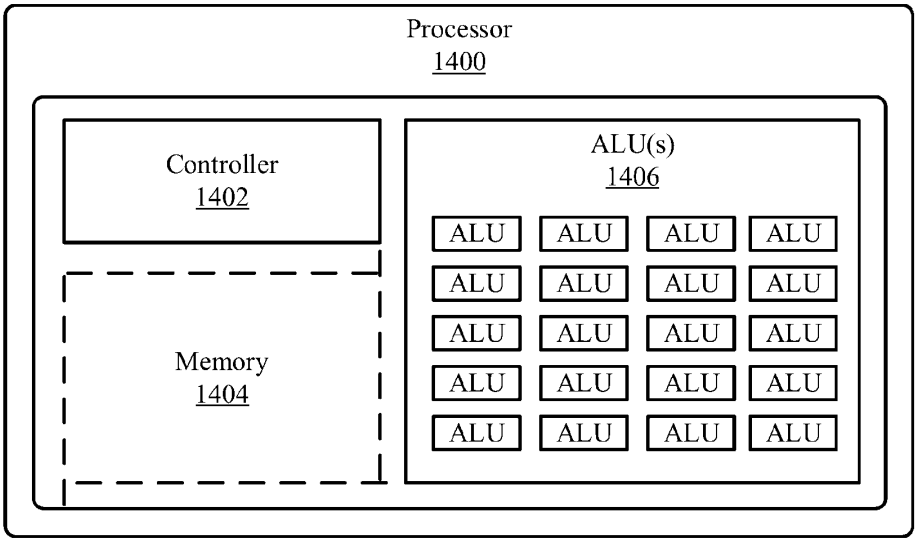

Processor
1400
Controller
1402
Memory
1404
ALU(s)
1406
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU
ALU

FIG. 14

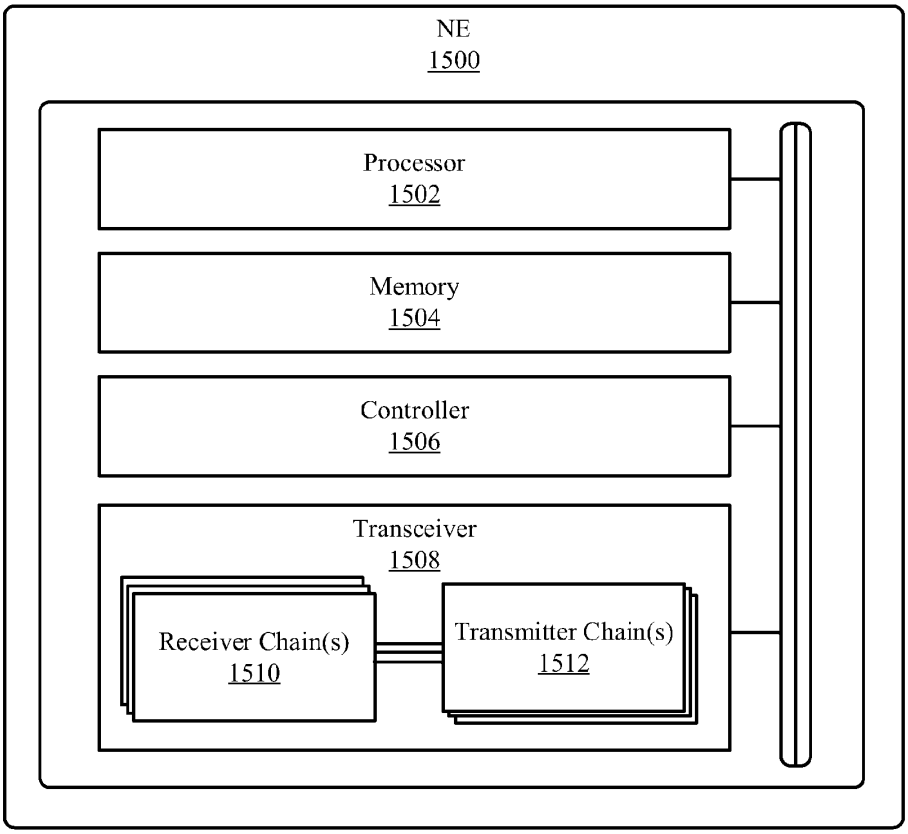

NE
1500
Processor
1502
Memory
1504
Controller
1506
Transceiver
1508
Receiver Chain(s)
1510
Transmitter Chain(s)
1512

FIG. 15