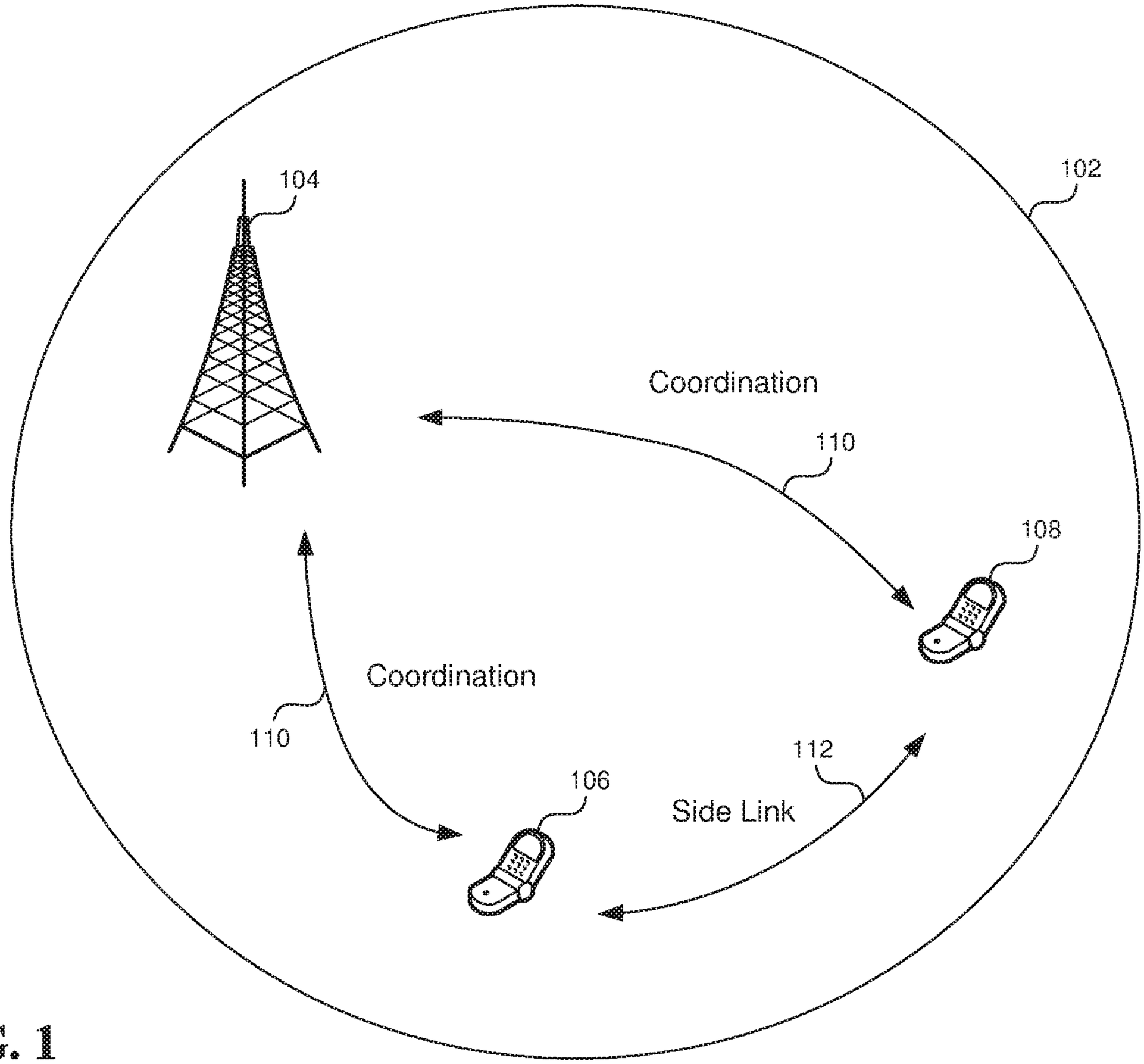

102
104
Coordination
110
108
Coordination
110
112
106
Side Link

FIG. 1

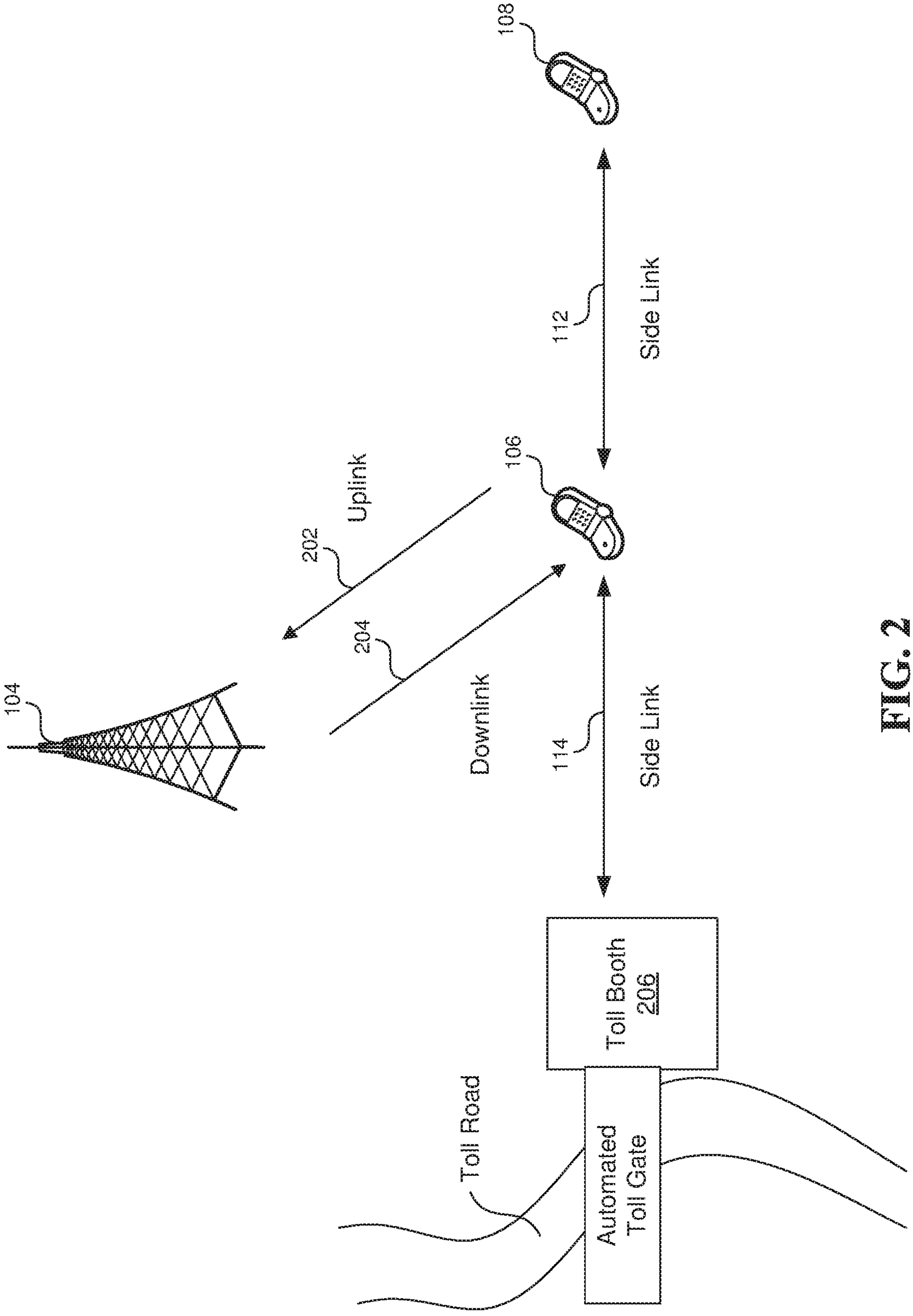

108
112
Side Link
106
202
Uplink
204
Downlink
104
114
Side Link
Toll Booth
206
Toll Road
Automated
Toll Gate

FIG. 2

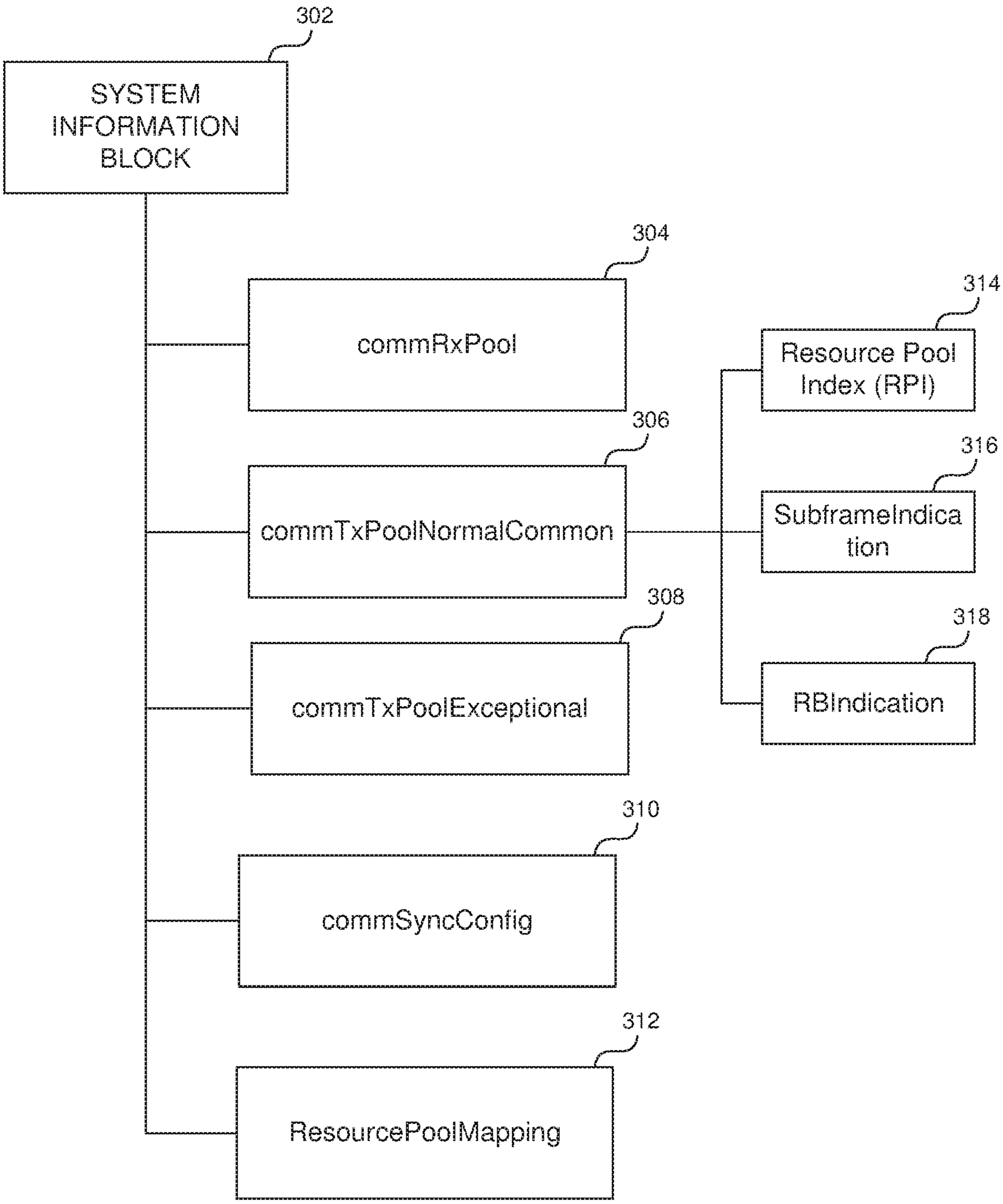

302
SYSTEM INFORMATION BLOCK
304
commRxPool
306
commTxPoolNormalCommon
308
commTxPoolExceptional
310
commSyncConfig
312
ResourcePoolMapping
314
Resource Pool Index (RPI)
316
SubframeIndication
318
RBIndication

FIG. 3A

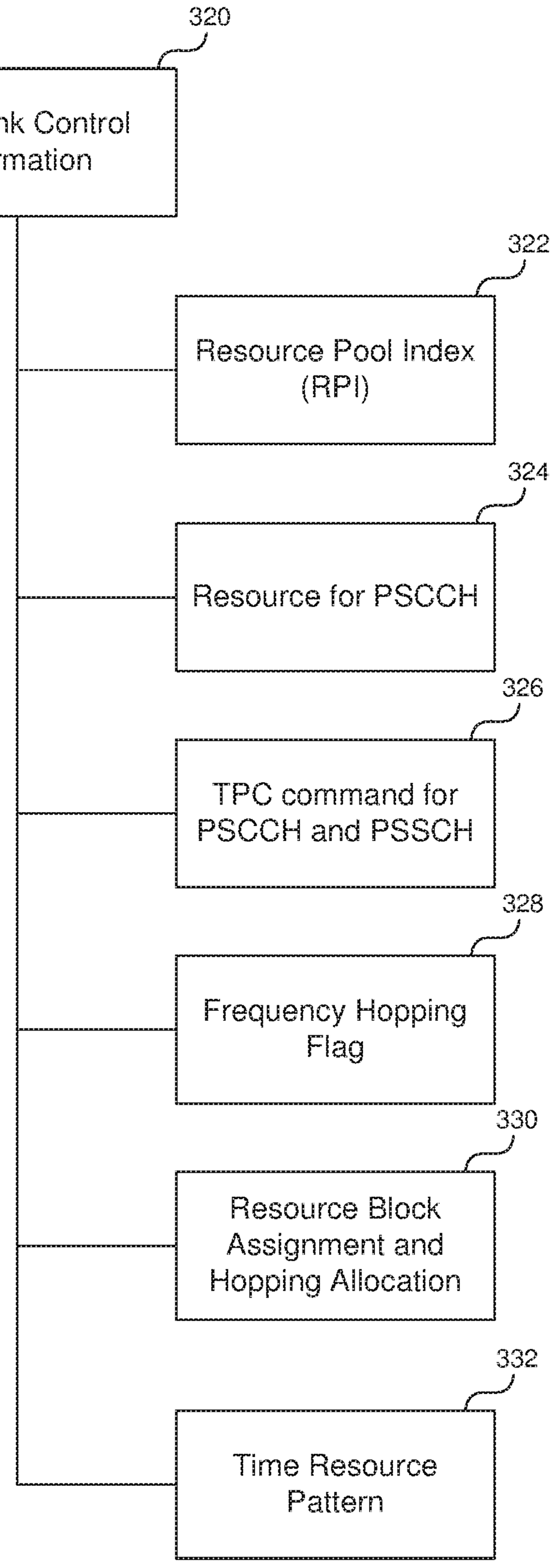

320
Downlink Control Information
322
Resource Pool Index (RPI)
324
Resource for PSCCH
326
TPC command for PSCCH and PSSCH
328
Frequency Hopping Flag
330
Resource Block Assignment and Hopping Allocation
332
Time Resource Pattern

FIG. 3B

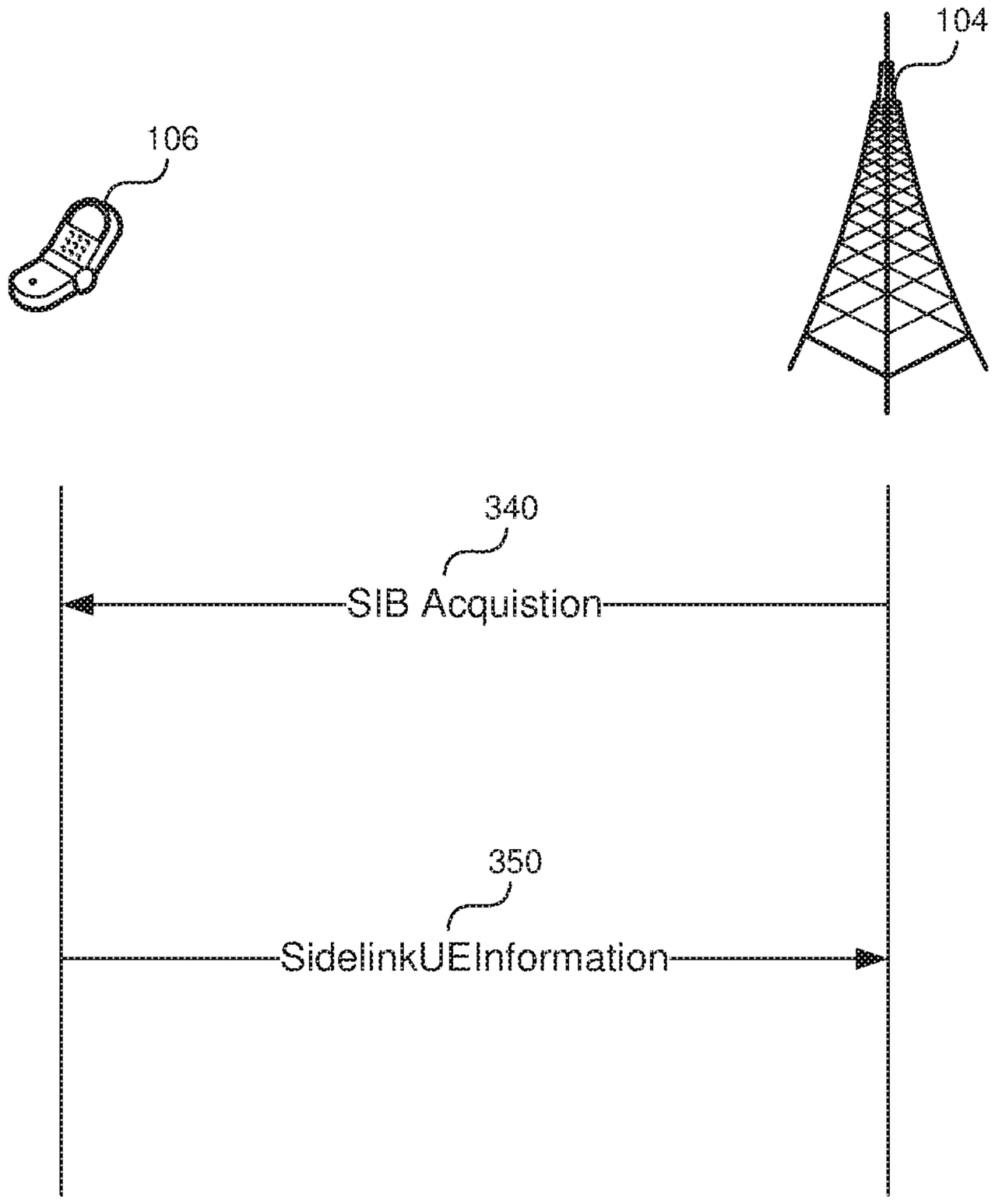


FIG. 3C

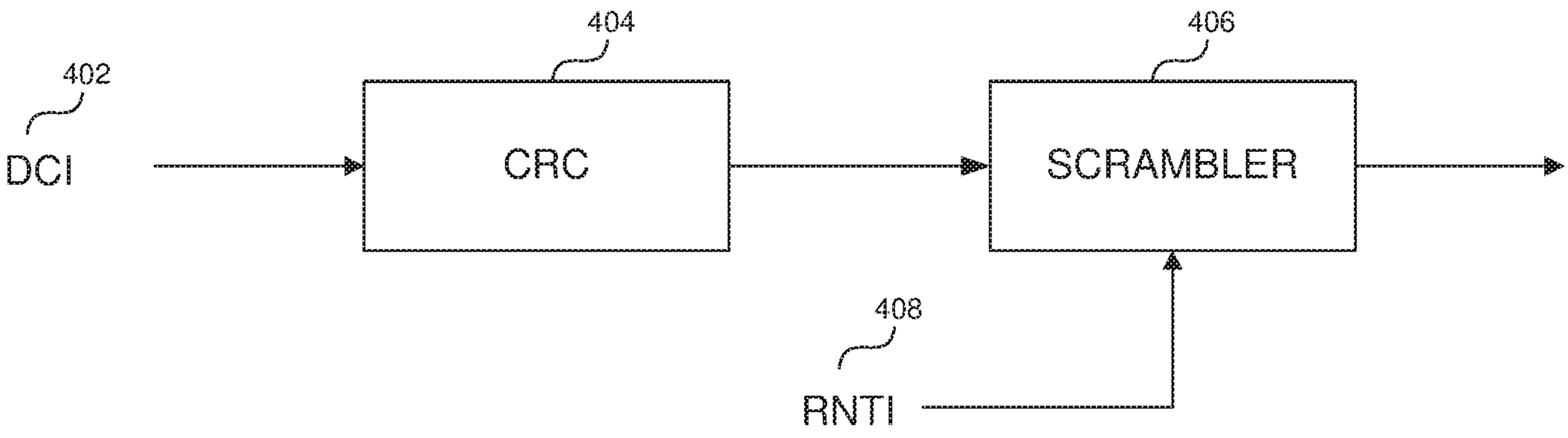


FIG. 4

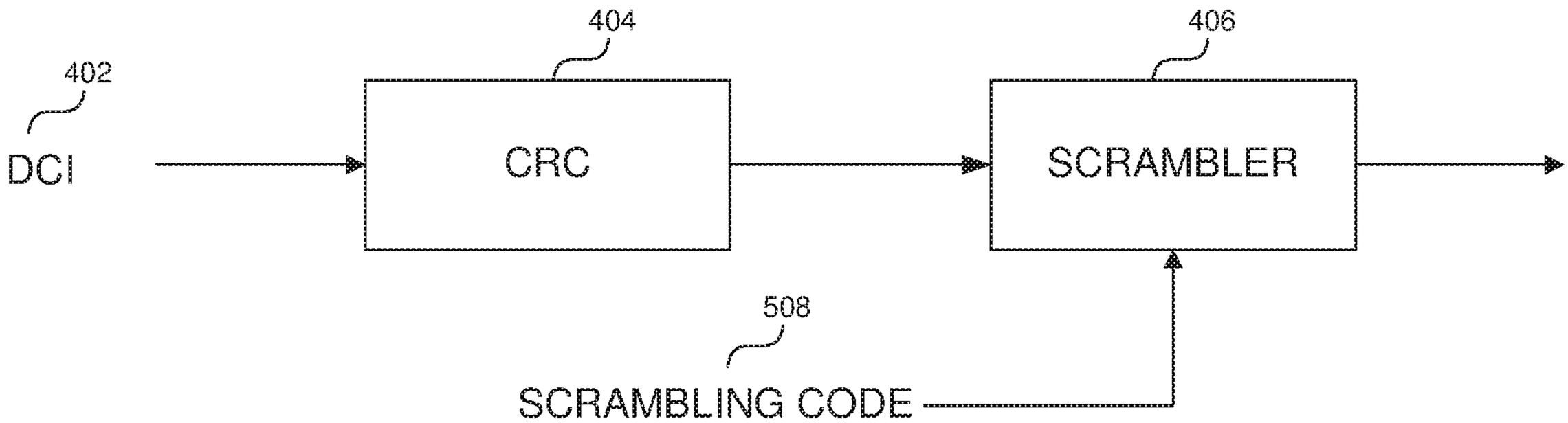


FIG. 5

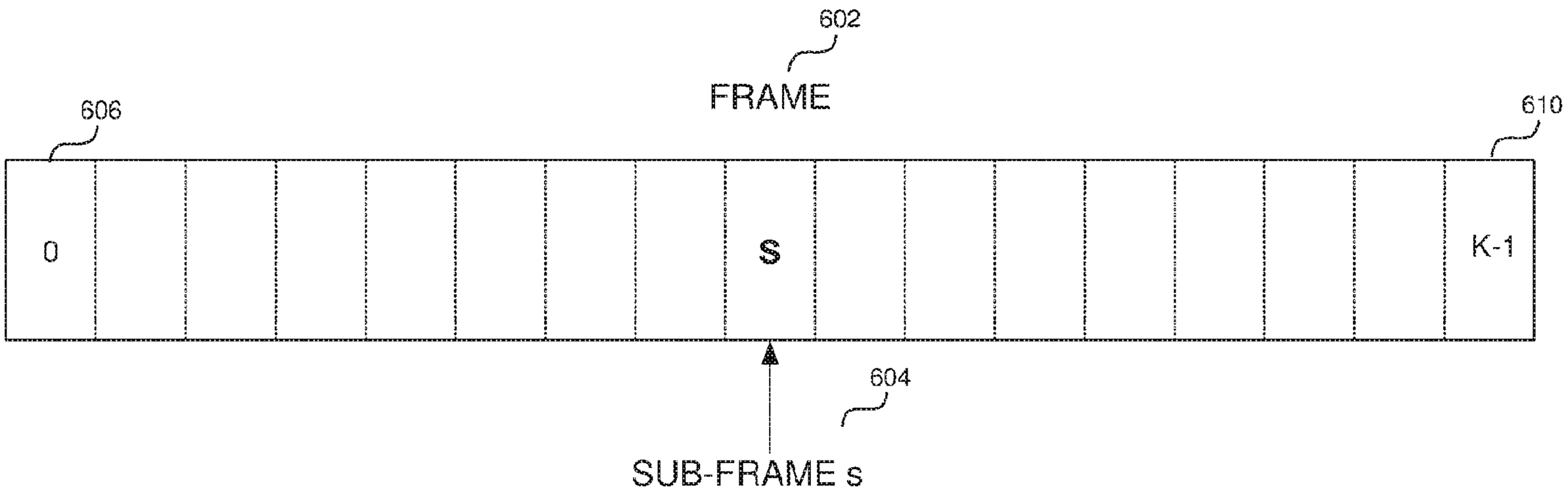


FIG. 6

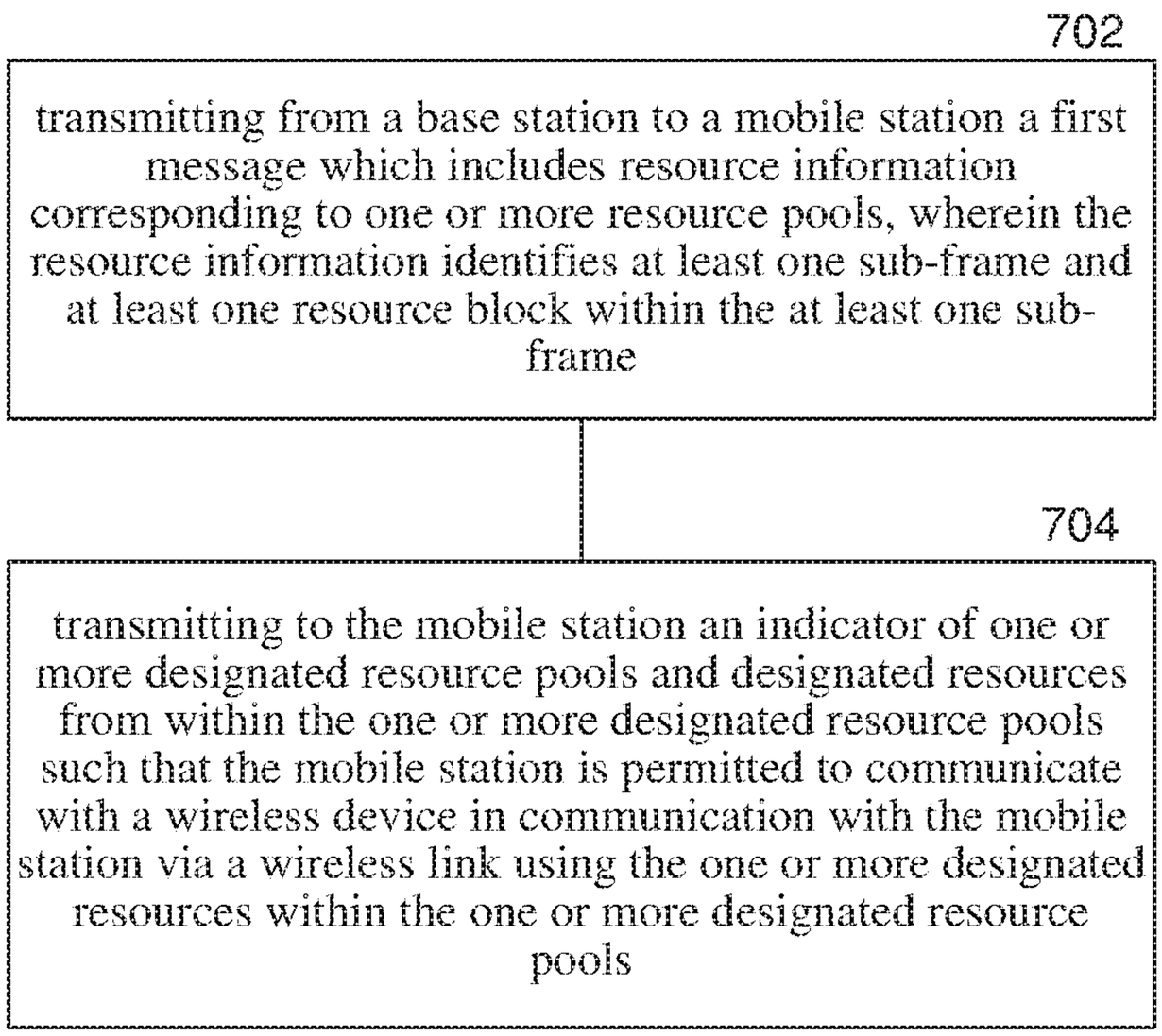

702
transmitting from a base station to a mobile station a first message which includes resource information corresponding to one or more resource pools, wherein the resource information identifies at least one sub-frame and at least one resource block within the at least one sub-frame
704
transmitting to the mobile station an indicator of one or more designated resource pools and designated resources from within the one or more designated resource pools such that the mobile station is permitted to communicate with a wireless device in communication with the mobile station via a wireless link using the one or more designated resources within the one or more designated resource pools

FIG. 7

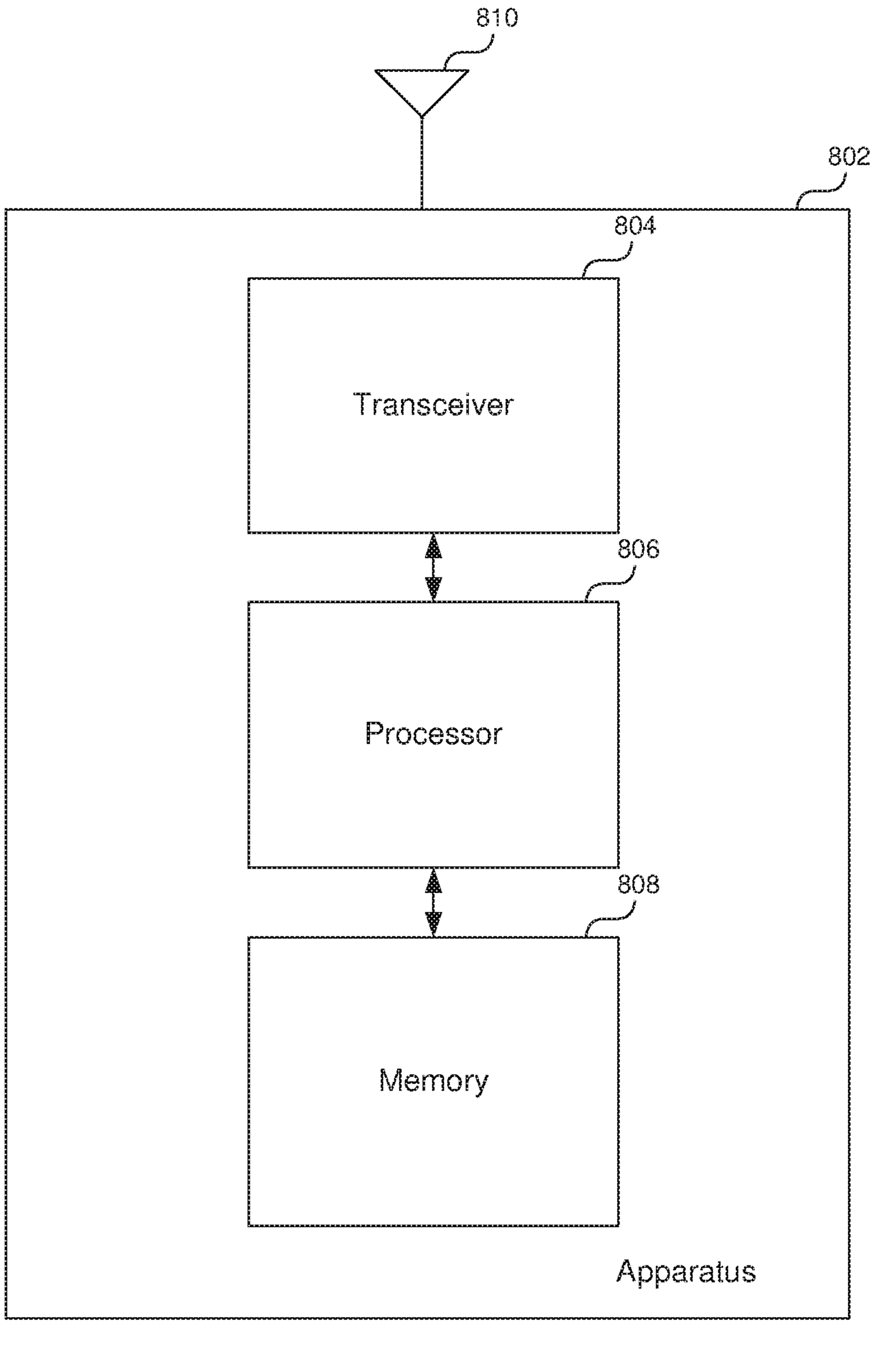

810
802
804
Transceiver
806
Processor
808
Memory
Apparatus

FIG. 8