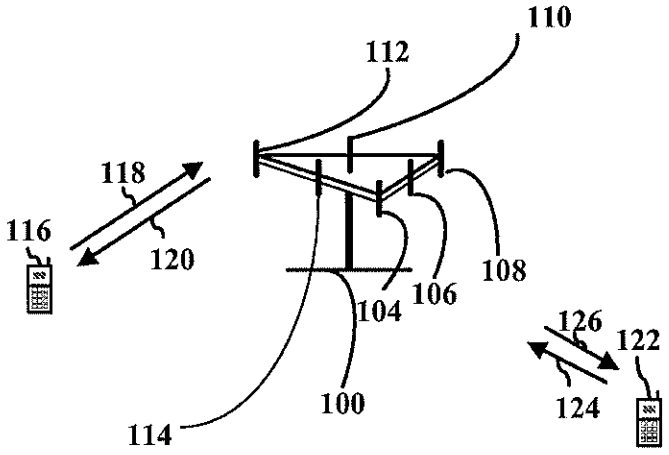

110
112
118
116
120
108
106
104
126
122
124
114
100

FIG. 1

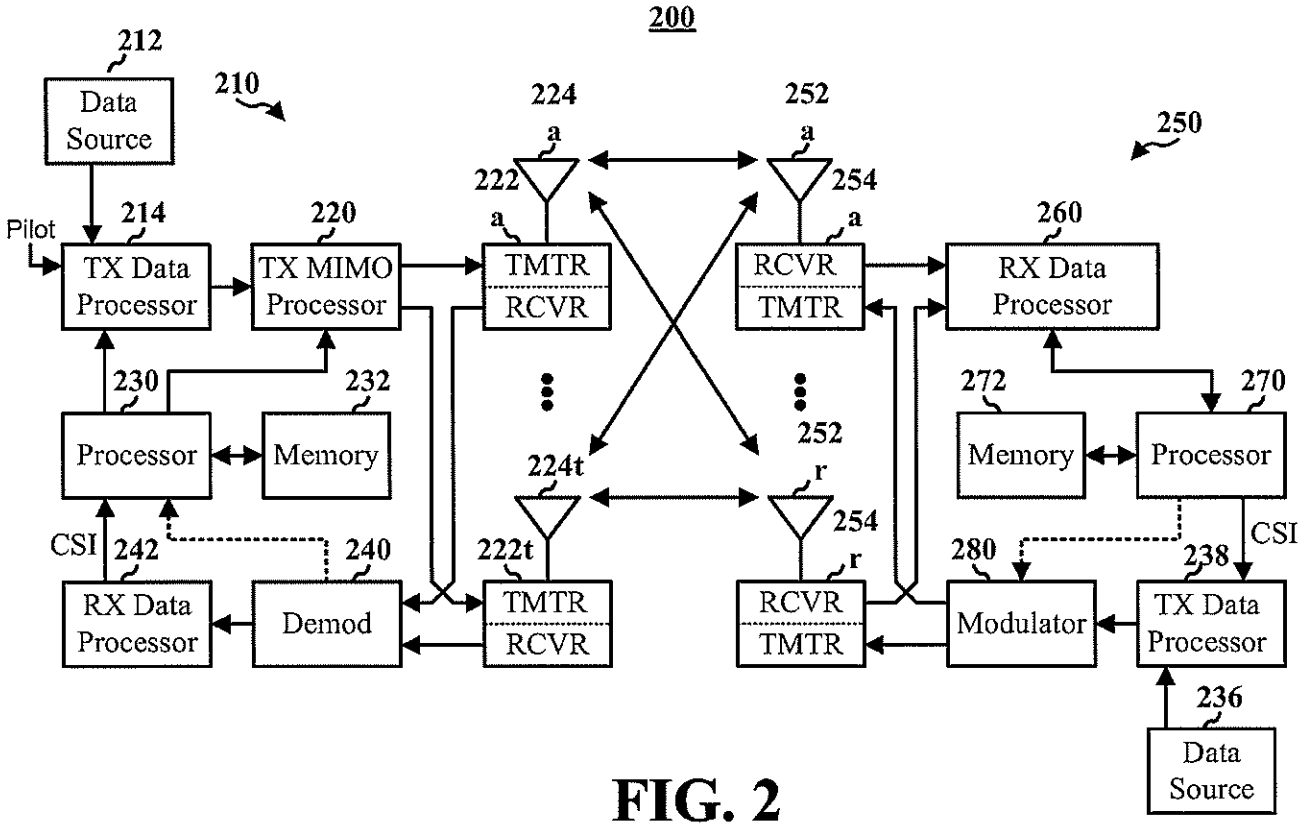

200
212
210
Data Source
224
a
252
a
250
222
254
Pilot
214
220
260
TX Data Processor
TX MIMO Processor
TMTR RCVR
RCVR TMTR
RX Data Processor
230
232
272
270
Processor
Memory
252
r
Memory
Processor
224t
254
CSI
242
240
222t
280
238
CSI
RX Data Processor
Demod
TMTR RCVR
RCVR TMTR
Modulator
TX Data Processor
236
Data Source

FIG. 2

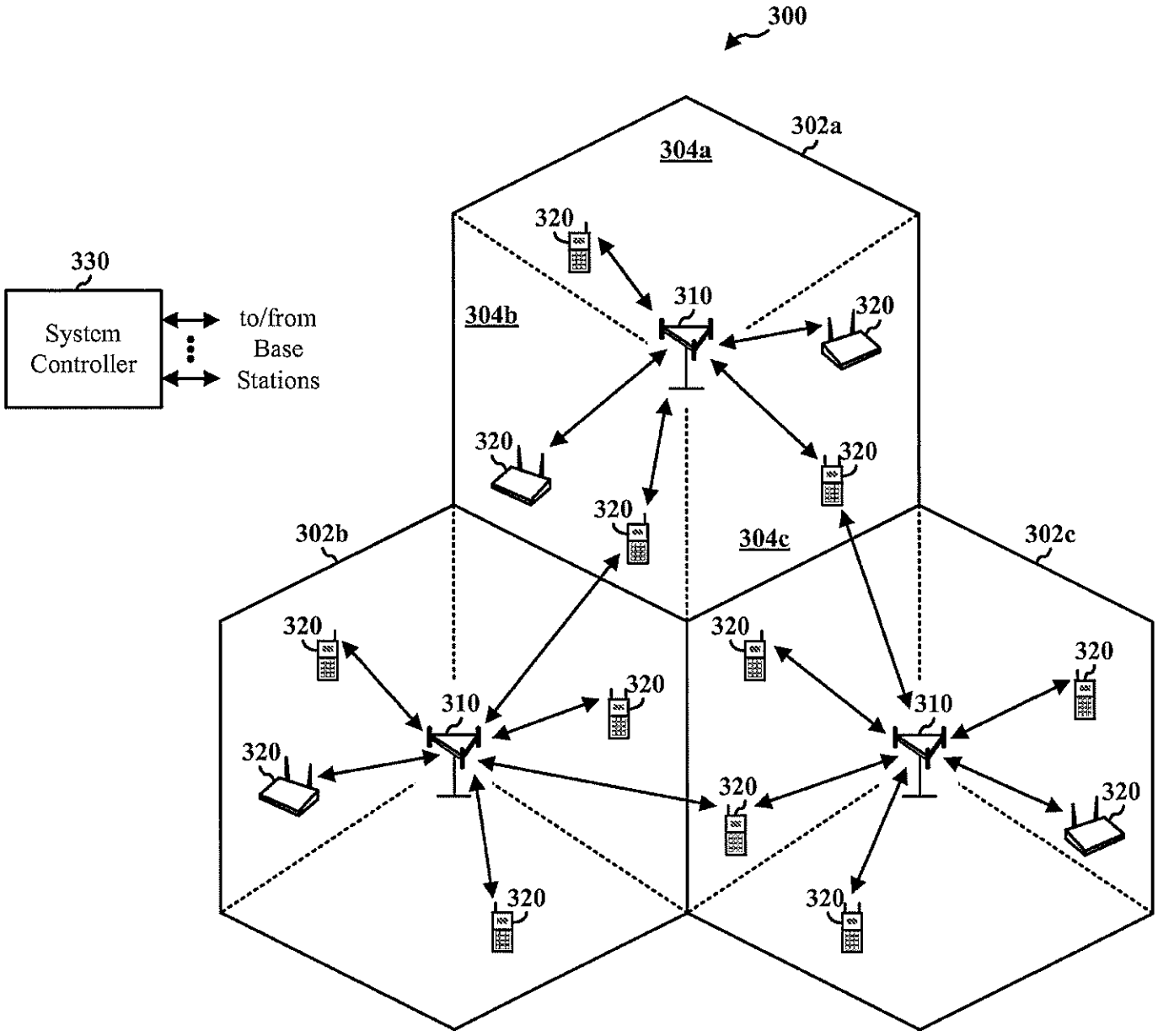

300
302a
304a
304b
304c
302b
302c
330
System Controller
to/from Base Stations
310
320

FIG. 3

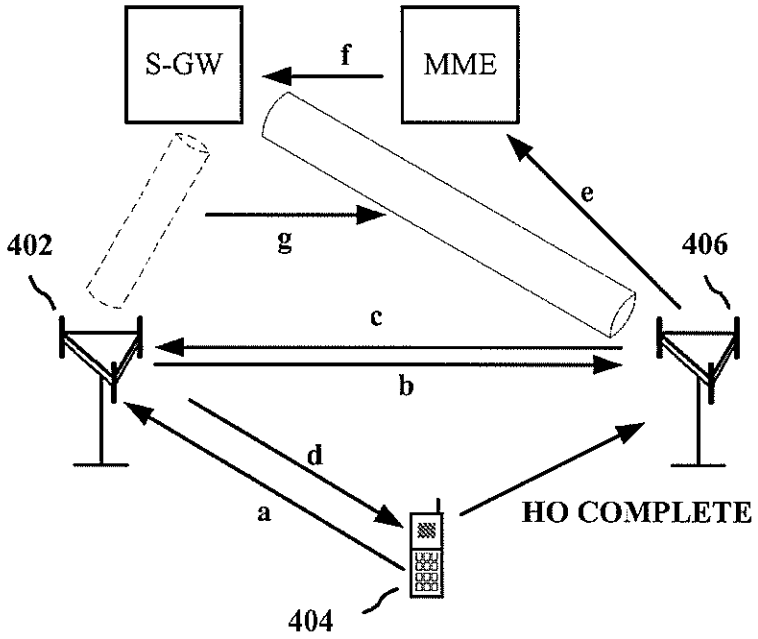


FIG. 4

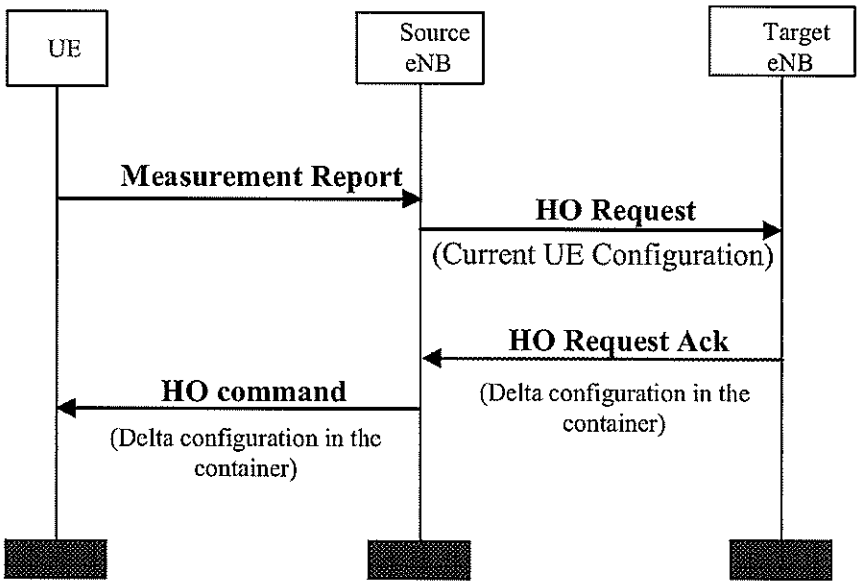

UE
Source eNB
Target eNB
Measurement Report
HO Request
(Current UE Configuration)
HO Request Ack
(Delta configuration in the container)
HO command
(Delta configuration in the container)

FIG. 5

602

```
RRCConnectionChangeCommand ::= SEQUENCE {
     integrityCheckInfo          IntegrityCheckInfo    OPTIONAL,
     rrc-TransactionIdentifier     RRC-TransactionIdentifier,
     radioResourceConfiguration    radioResourceConfiguration OPTIONAL,
     securityConfiguration       SecurityConfiguration    OPTIONAL,
     measurementConfiguration      MeasurementConfiguration   OPTIONAL,
     eNBRelocationInformation      eNBRelocationInformation   OPTIONAL,
}
```

604

```
RRCConnectionChangeCommand ::= SEQUENCE {
     integrityCheckInfo          IntegrityCheckInfo    OPTIONAL,
     rrc-TransactionIdentifier     RRC-TransactionIdentifier,
     radioResourceConfiguration    radioResourceConfiguration OPTIONAL,
     securityConfiguration       CHOICE  {
        localConfiguration    SecurityConfiguration,
        transparentContainer BIT STRING
     }  OPTIONAL,
     measurementConfiguration      MeasurementConfiguration   OPTIONAL,
     eNBRelocationInformation      BIT STRING             OPTIONAL,
}
```

FIG. 6

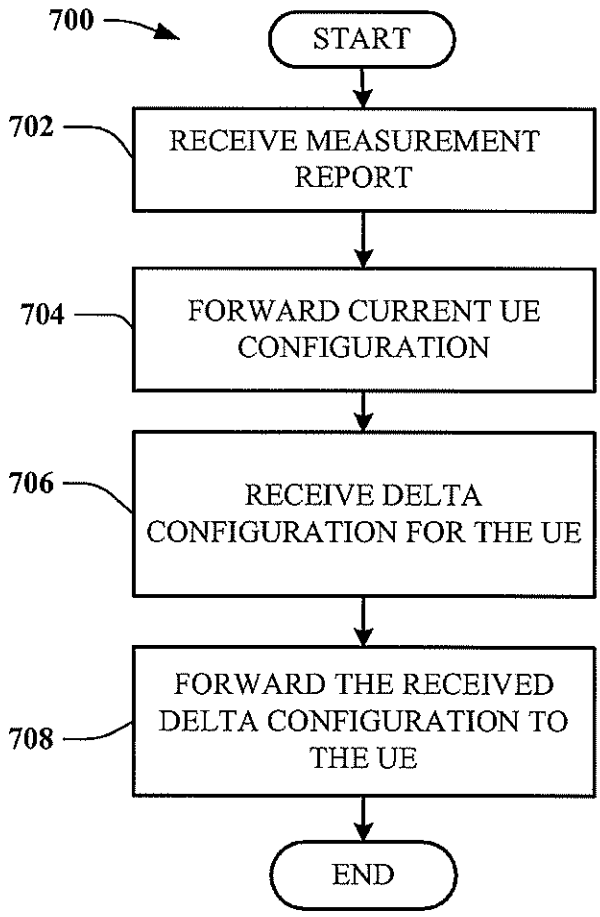

700
START
702
RECEIVE MEASUREMENT REPORT
704
FORWARD CURRENT UE CONFIGURATION
706
RECEIVE DELTA CONFIGURATION FOR THE UE
708
FORWARD THE RECEIVED DELTA CONFIGURATION TO THE UE
END

FIG. 7

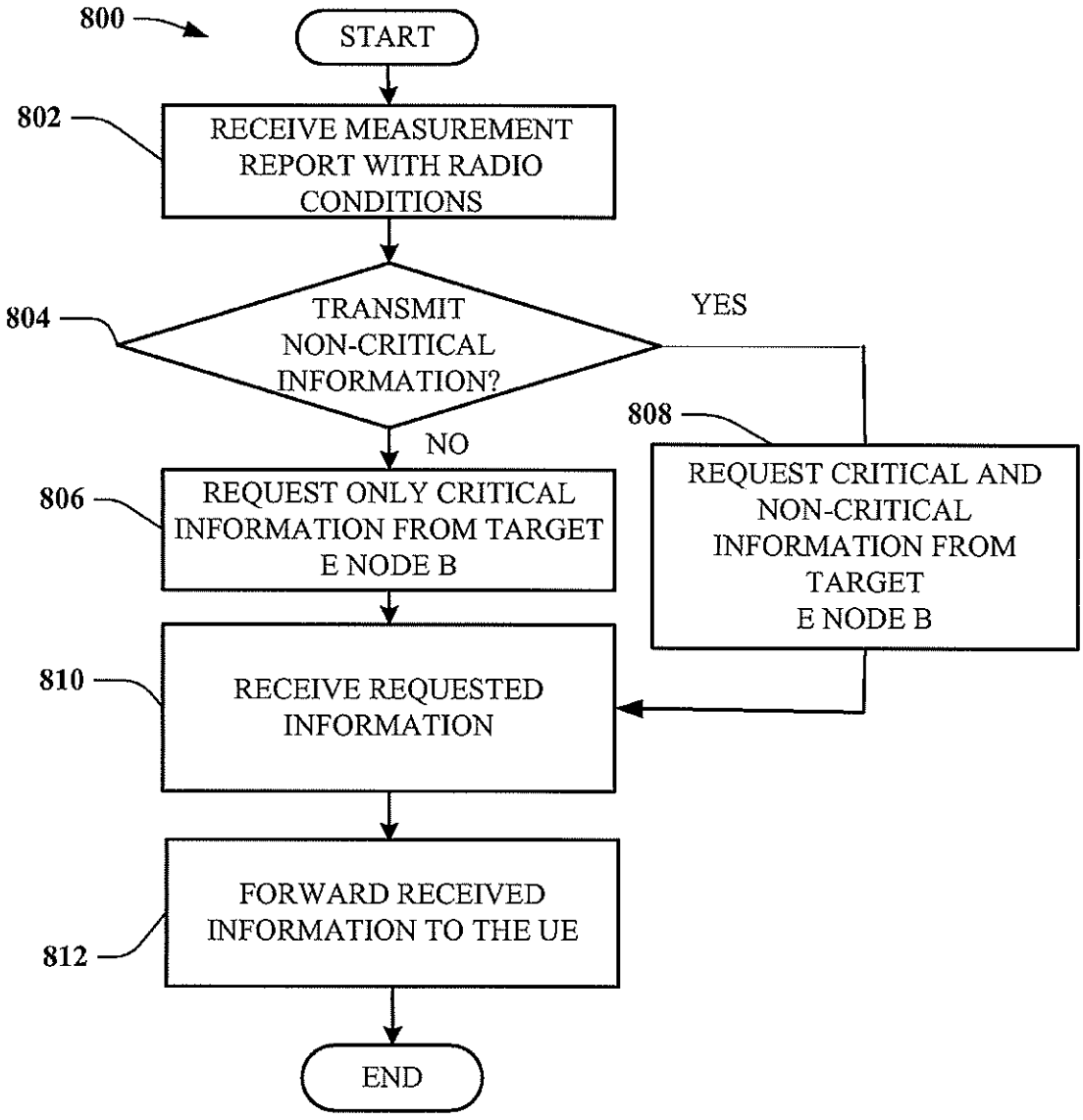

800
START
802
RECEIVE MEASUREMENT REPORT WITH RADIO CONDITIONS
804
TRANSMIT NON-CRITICAL INFORMATION?
YES
NO
808
REQUEST CRITICAL AND NON-CRITICAL INFORMATION FROM TARGET E NODE B
806
REQUEST ONLY CRITICAL INFORMATION FROM TARGET E NODE B
810
RECEIVE REQUESTED INFORMATION
812
FORWARD RECEIVED INFORMATION TO THE UE
END

FIG. 8A

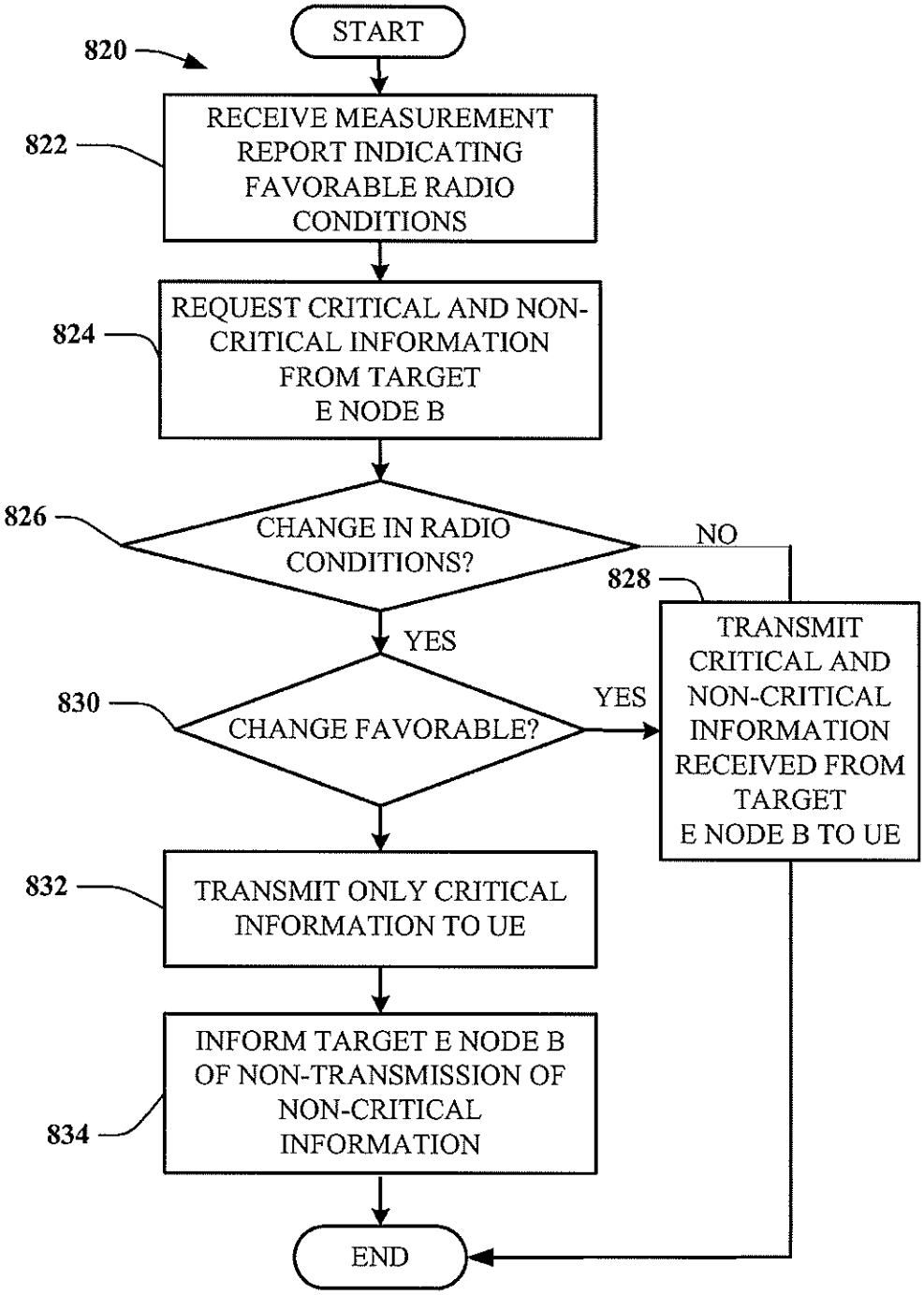

START
820
RECEIVE MEASUREMENT REPORT INDICATING FAVORABLE RADIO CONDITIONS
822
REQUEST CRITICAL AND NON-CRITICAL INFORMATION FROM TARGET E NODE B
824
CHANGE IN RADIO CONDITIONS?
826
NO
828
YES
CHANGE FAVORABLE?
830
YES
TRANSMIT CRITICAL AND NON-CRITICAL INFORMATION RECEIVED FROM TARGET E NODE B TO UE
TRANSMIT ONLY CRITICAL INFORMATION TO UE
832
INFORM TARGET E NODE B OF NON-TRANSMISSION OF NON-CRITICAL INFORMATION
834
END

FIG. 8B

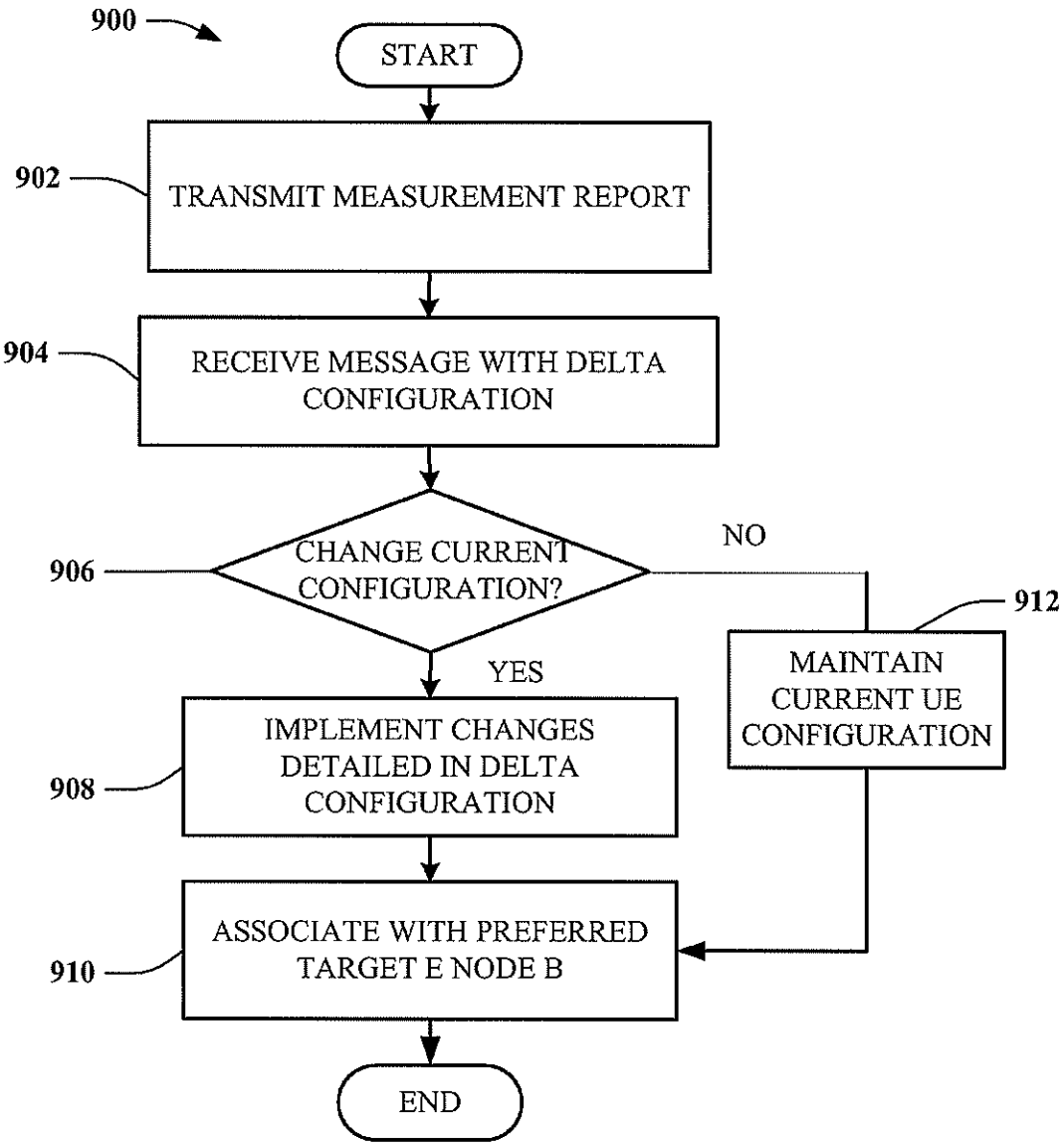

900
START
902
TRANSMIT MEASUREMENT REPORT
904
RECEIVE MESSAGE WITH DELTA CONFIGURATION
906
CHANGE CURRENT CONFIGURATION?
NO
YES
912
MAINTAIN CURRENT UE CONFIGURATION
908
IMPLEMENT CHANGES DETAILED IN DELTA CONFIGURATION
910
ASSOCIATE WITH PREFERRED TARGET E NODE B
END

FIG. 9

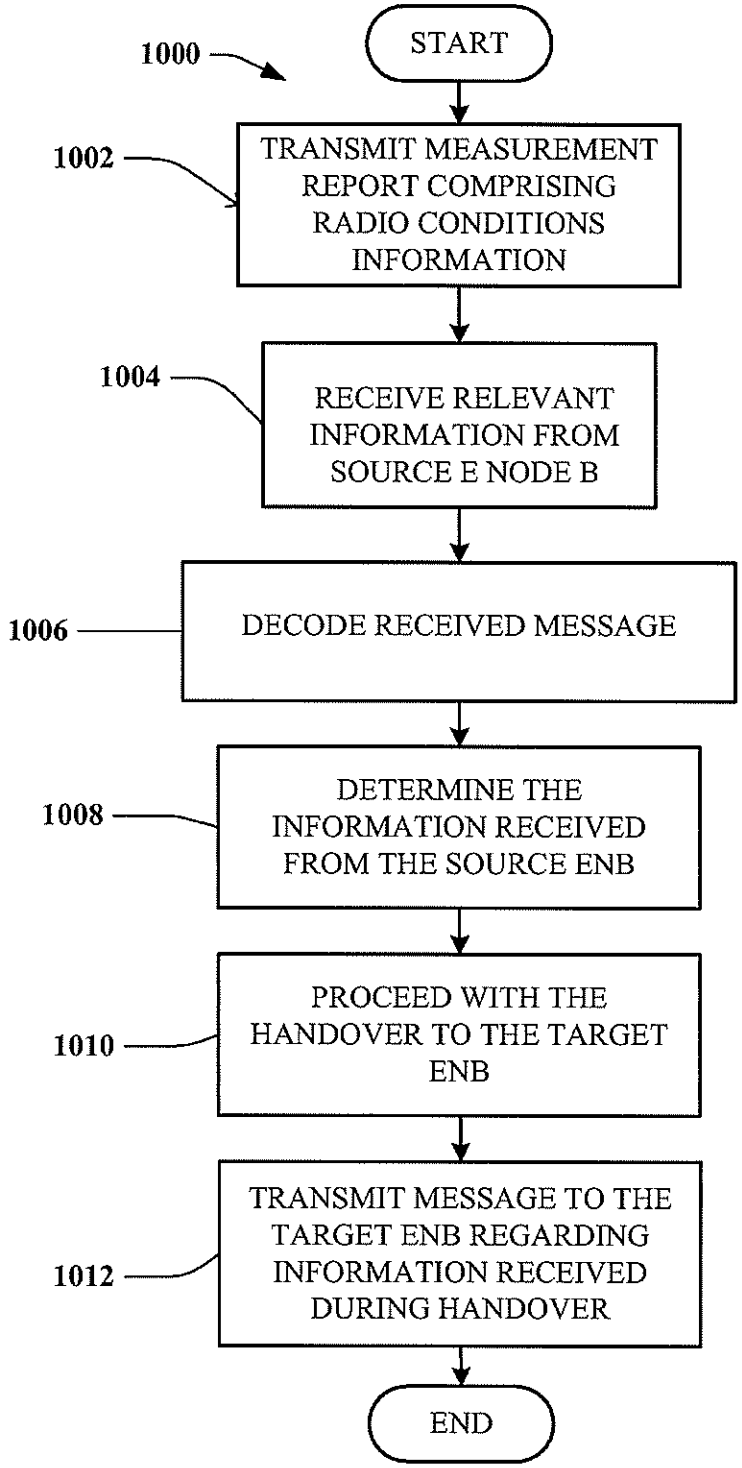

1000
START
1002
TRANSMIT MEASUREMENT REPORT COMPRISING RADIO CONDITIONS INFORMATION
1004
RECEIVE RELEVANT INFORMATION FROM SOURCE E NODE B
1006
DECODE RECEIVED MESSAGE
1008
DETERMINE THE INFORMATION RECEIVED FROM THE SOURCE ENB
1010
PROCEED WITH THE HANDOVER TO THE TARGET ENB
1012
TRANSMIT MESSAGE TO THE TARGET ENB REGARDING INFORMATION RECEIVED DURING HANDOVER
END

FIG. 10

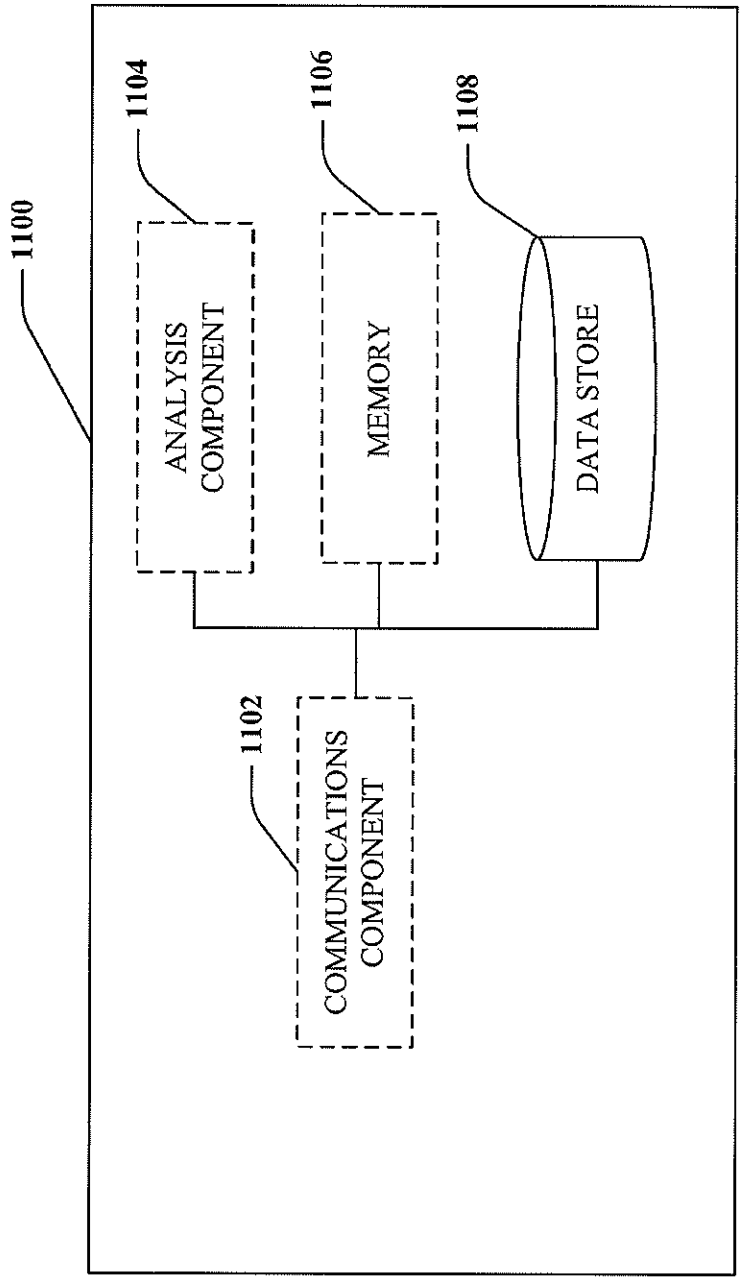

1100
1104
ANALYSIS COMPONENT
1106
MEMORY
1108
DATA STORE
1102
COMMUNICATIONS COMPONENT

FIG. 11

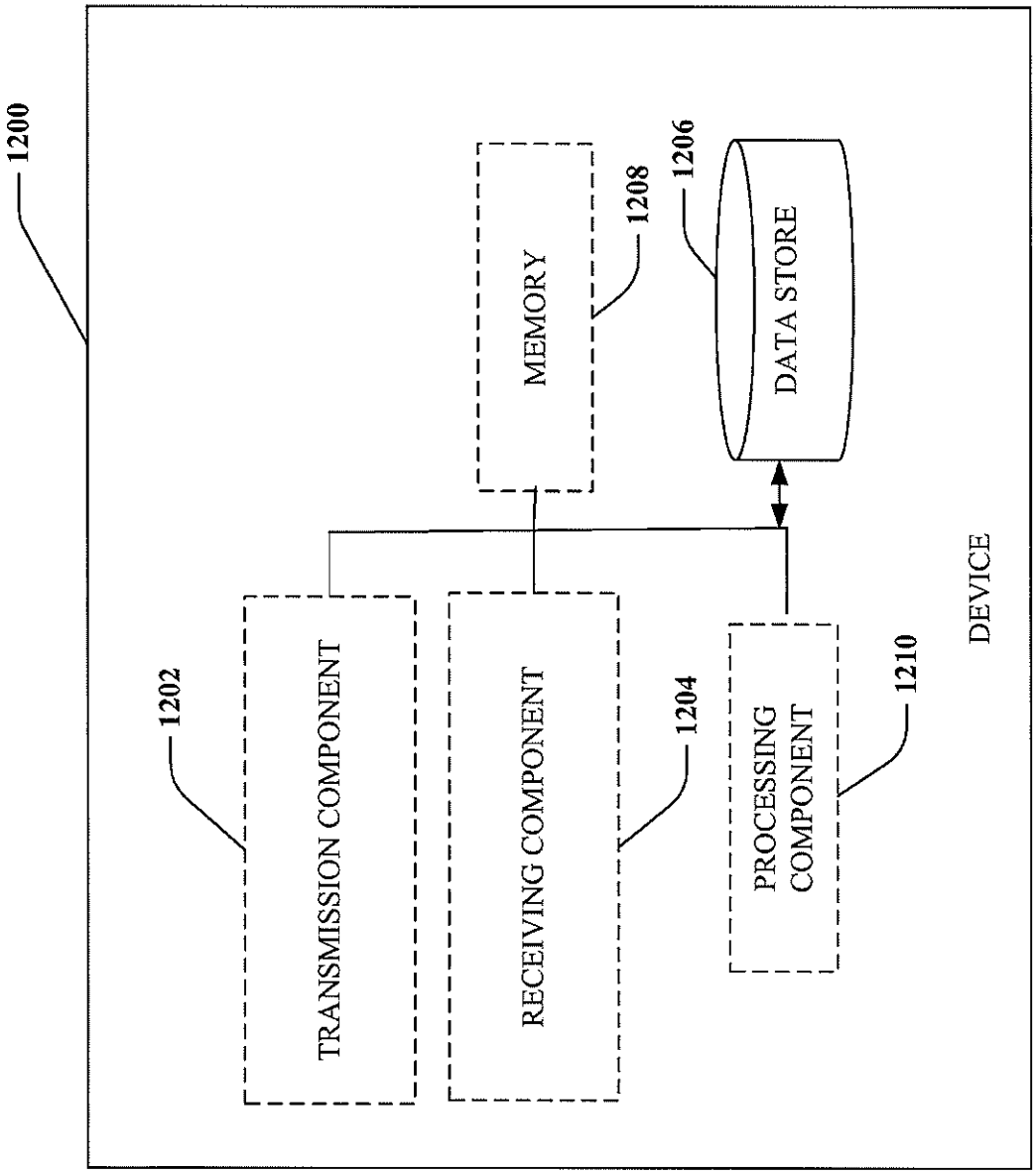

1200
DEVICE
TRANSMISSION COMPONENT
1202
RECEIVING COMPONENT
1204
PROCESSING COMPONENT
1210
MEMORY
1208
DATA STORE
1206

FIG. 12

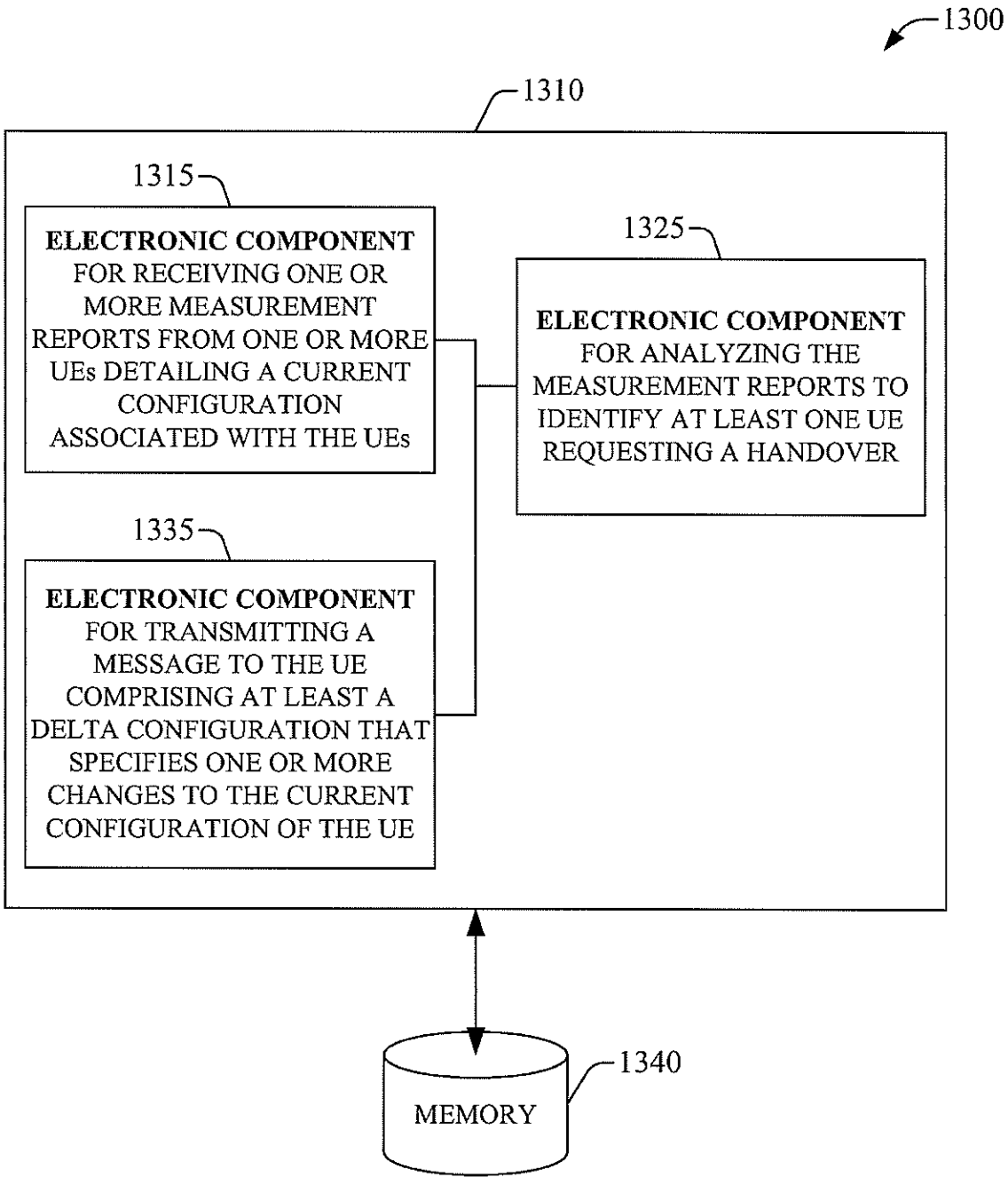

1300
1310
1315
ELECTRONIC COMPONENT FOR RECEIVING ONE OR MORE MEASUREMENT REPORTS FROM ONE OR MORE UEs DETAILING A CURRENT CONFIGURATION ASSOCIATED WITH THE UEs
1325
ELECTRONIC COMPONENT FOR ANALYZING THE MEASUREMENT REPORTS TO IDENTIFY AT LEAST ONE UE REQUESTING A HANDOVER
1335
ELECTRONIC COMPONENT FOR TRANSMITTING A MESSAGE TO THE UE COMPRISING AT LEAST A DELTA CONFIGURATION THAT SPECIFIES ONE OR MORE CHANGES TO THE CURRENT CONFIGURATION OF THE UE
MEMORY
1340

FIG. 13

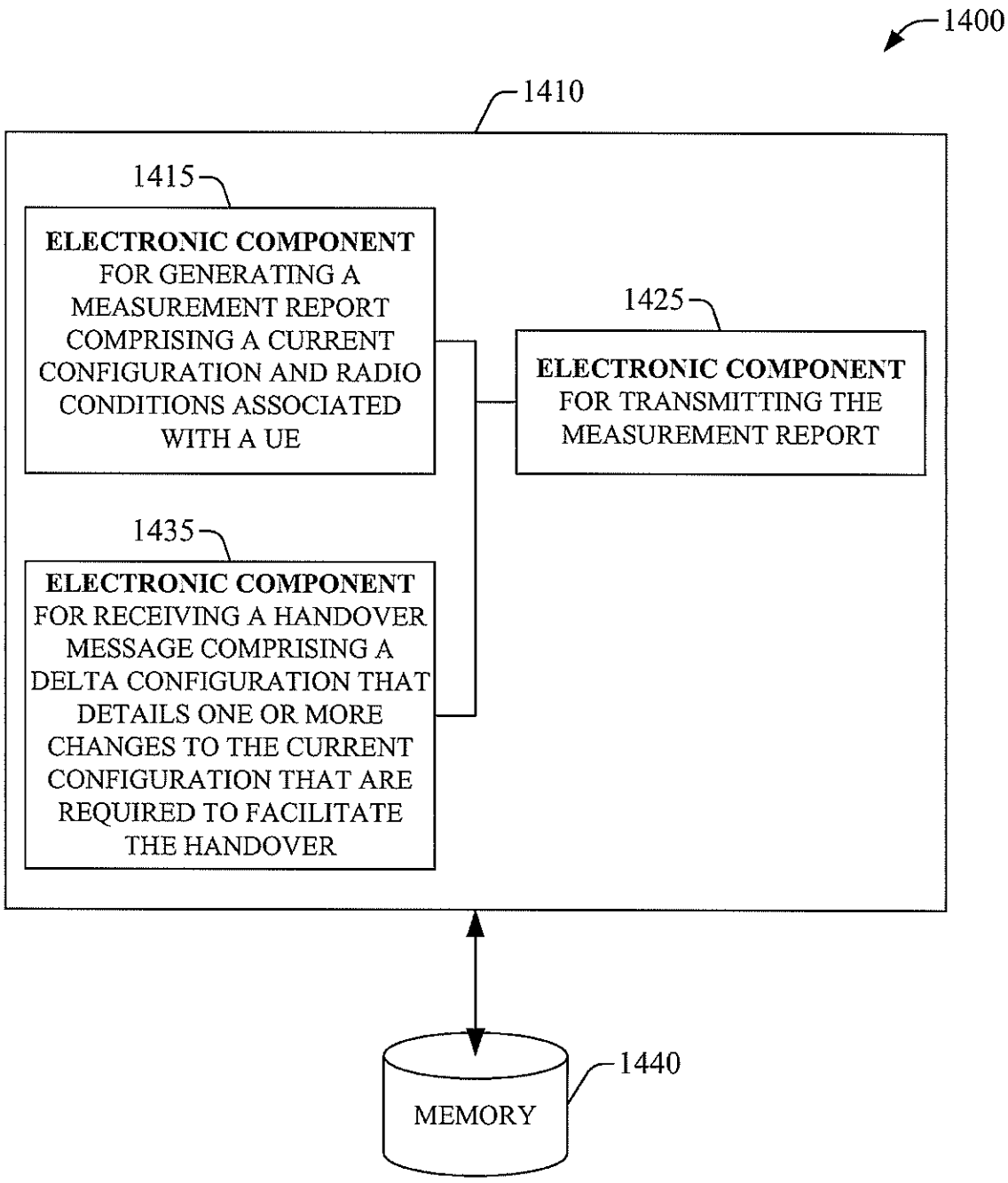

1400
1410
1415
ELECTRONIC COMPONENT FOR GENERATING A MEASUREMENT REPORT COMPRISING A CURRENT CONFIGURATION AND RADIO CONDITIONS ASSOCIATED WITH A UE
1425
ELECTRONIC COMPONENT FOR TRANSMITTING THE MEASUREMENT REPORT
1435
ELECTRONIC COMPONENT FOR RECEIVING A HANDOVER MESSAGE COMPRISING A DELTA CONFIGURATION THAT DETAILS ONE OR MORE CHANGES TO THE CURRENT CONFIGURATION THAT ARE REQUIRED TO FACILITATE THE HANDOVER
MEMORY
1440

FIG. 14