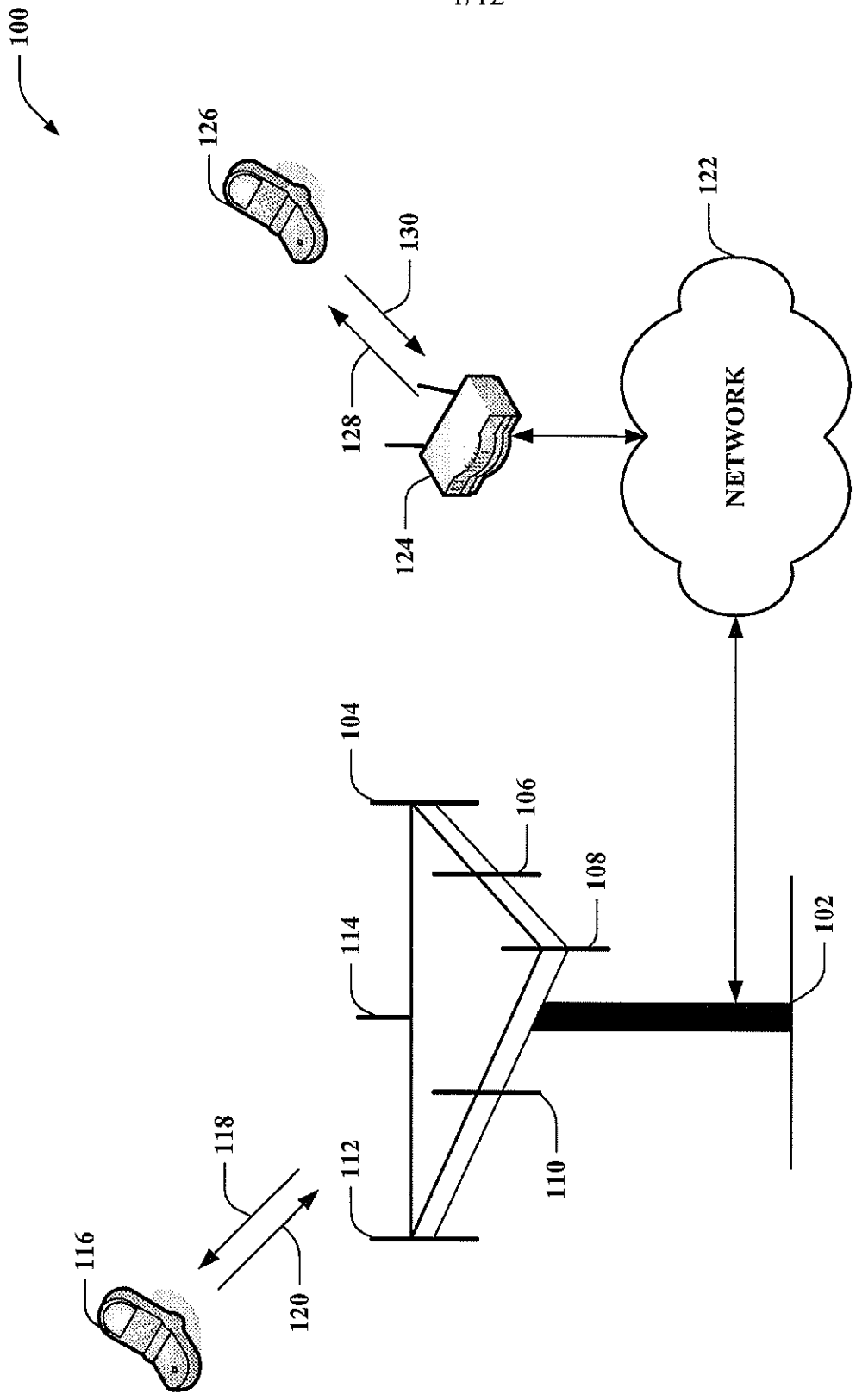

100
126
130
128
124
122
NETWORK
104
106
108
114
102
112
110
118
116
120

FIG. 1

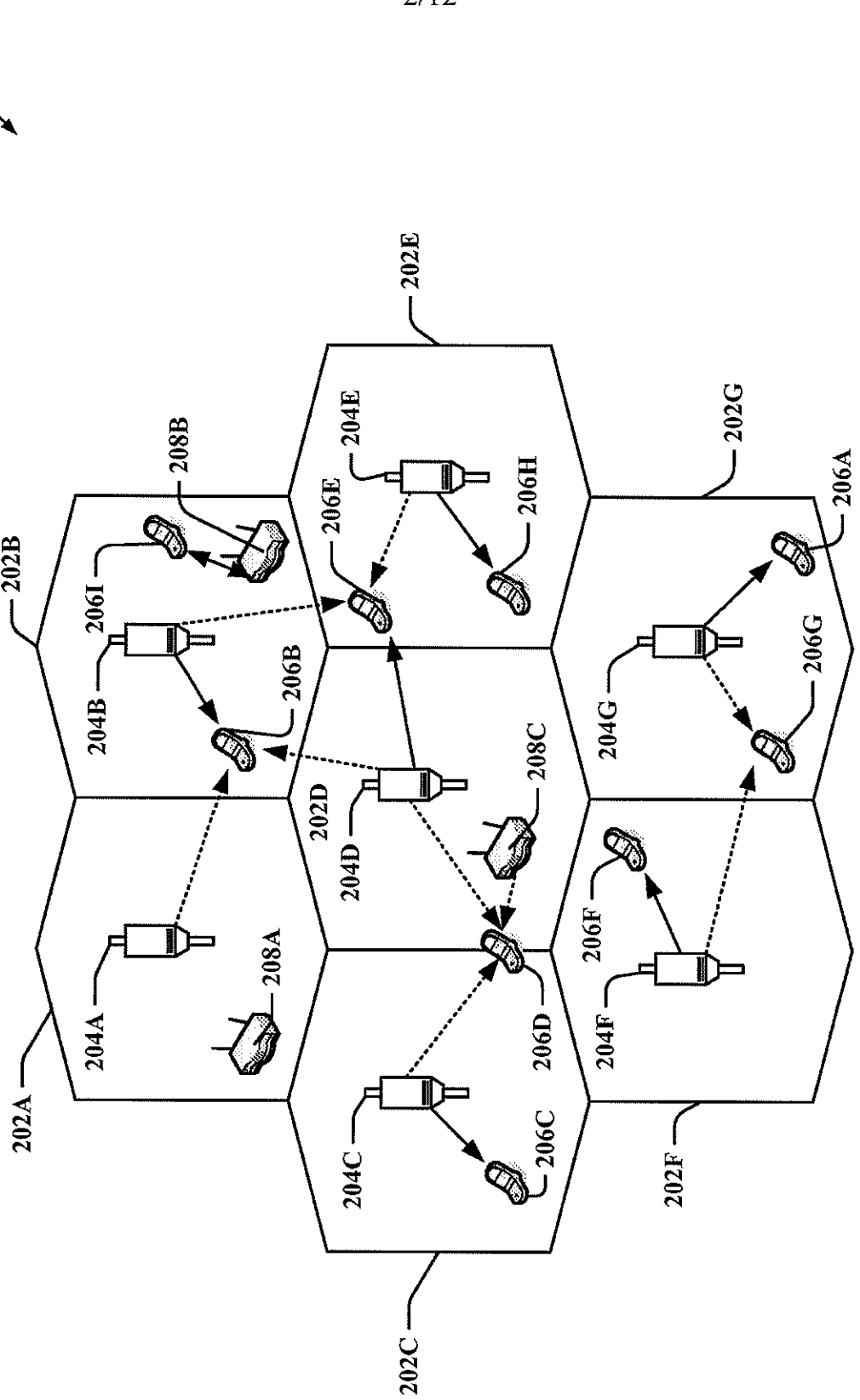

200
202A
202B
202C
202D
202E
202F
202G
204A
204B
204C
204D
204E
204F
204G
206A
206B
206C
206D
206E
206F
206G
206H
206I
208A
208B
208C

FIG. 2

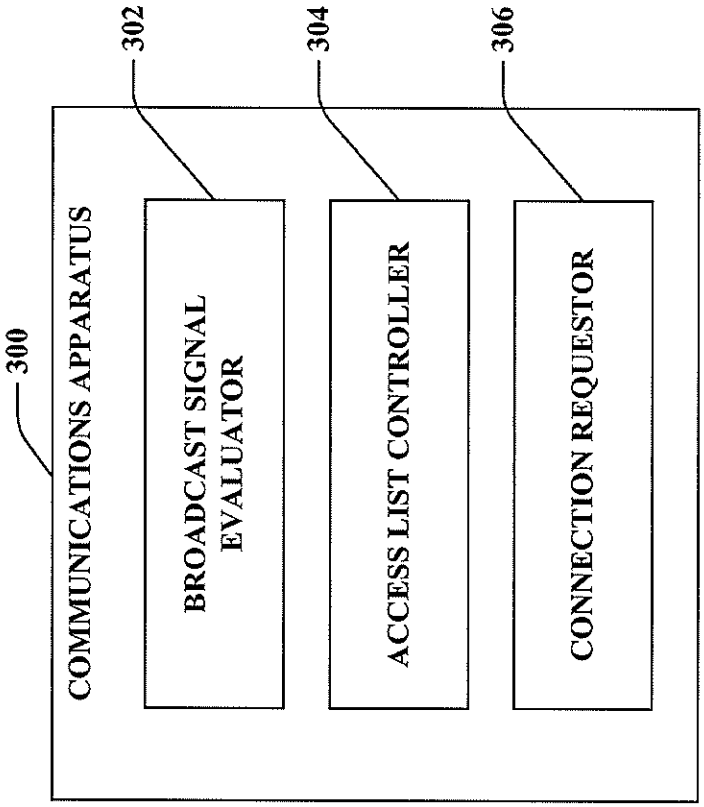

300
COMMUNICATIONS APPARATUS
302
BROADCAST SIGNAL EVALUATOR
304
ACCESS LIST CONTROLLER
306
CONNECTION REQUESTOR

FIG. 3

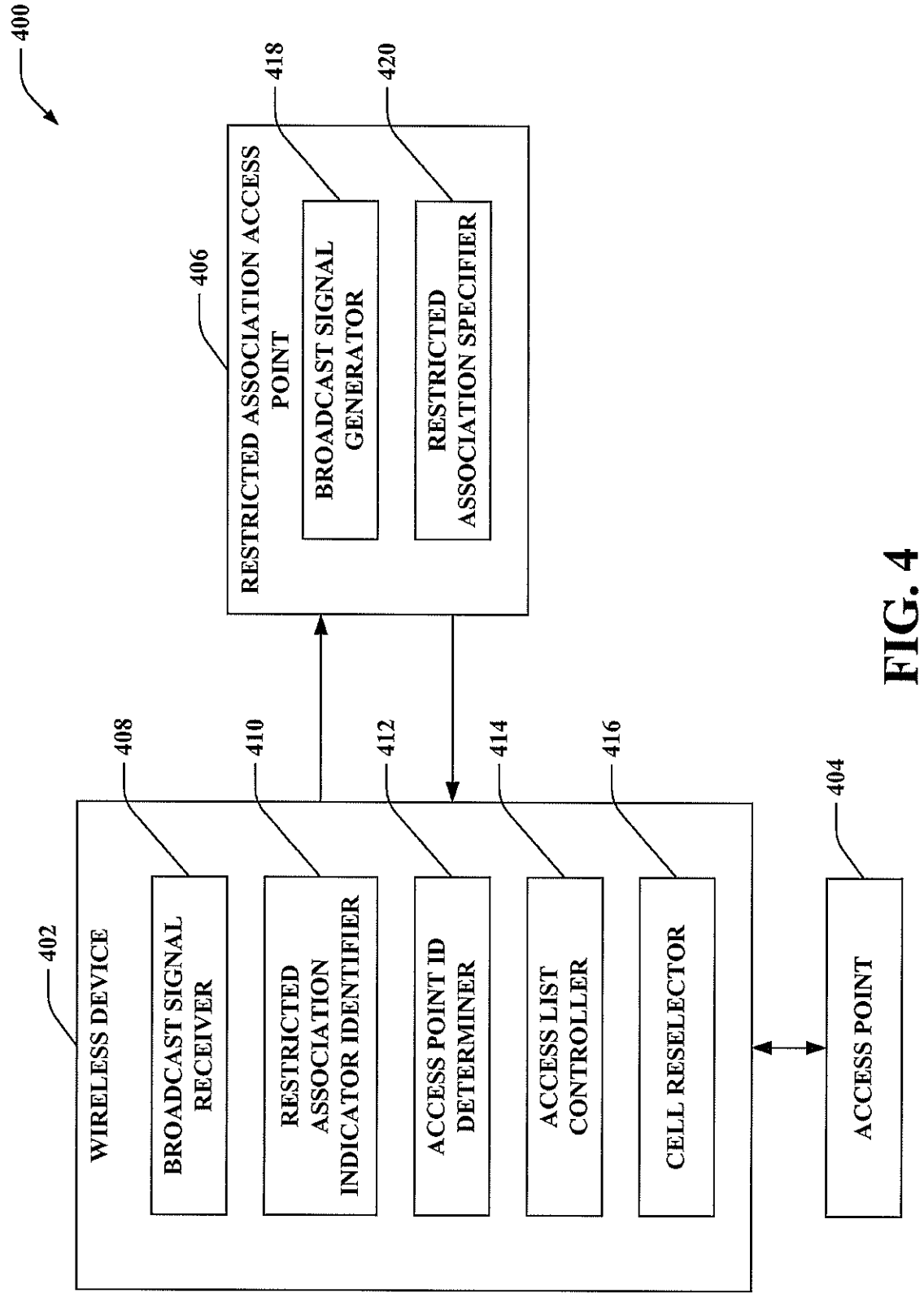

400
418
420
406
RESTRICTED ASSOCIATION ACCESS POINT
BROADCAST SIGNAL GENERATOR
RESTRICTED ASSOCIATION SPECIFIER
408
410
412
414
416
404
402
WIRELESS DEVICE
BROADCAST SIGNAL RECEIVER
RESTRICTED ASSOCIATION INDICATOR IDENTIFIER
ACCESS POINT ID DETERMINER
ACCESS LIST CONTROLLER
CELL RESELECTOR
ACCESS POINT

FIG. 4

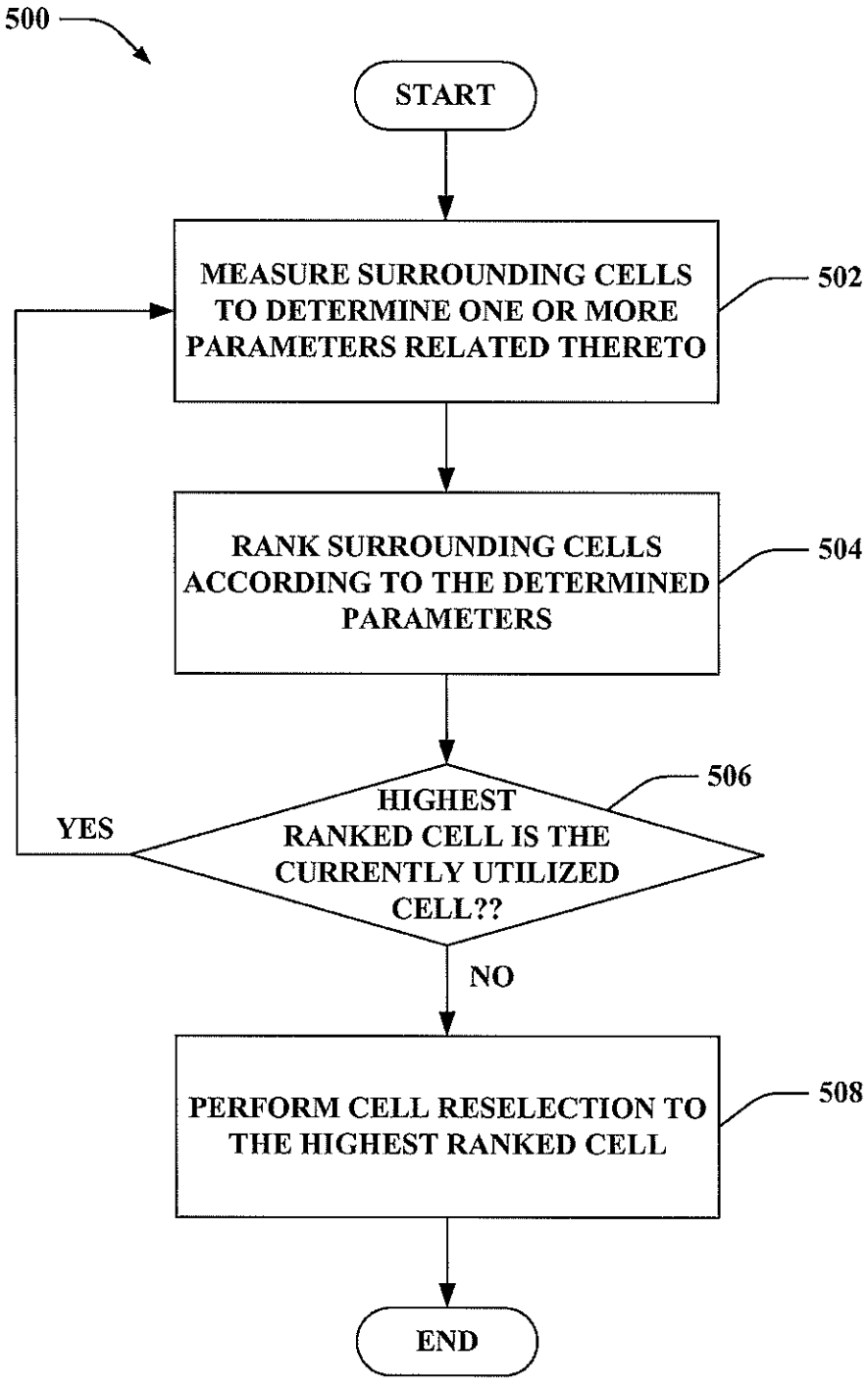

500
START
MEASURE SURROUNDING CELLS TO DETERMINE ONE OR MORE PARAMETERS RELATED THERETO
502
RANK SURROUNDING CELLS ACCORDING TO THE DETERMINED PARAMETERS
504
HIGHEST RANKED CELL IS THE CURRENTLY UTILIZED CELL??
506
YES
NO
PERFORM CELL RESELECTION TO THE HIGHEST RANKED CELL
508
END

FIG. 5

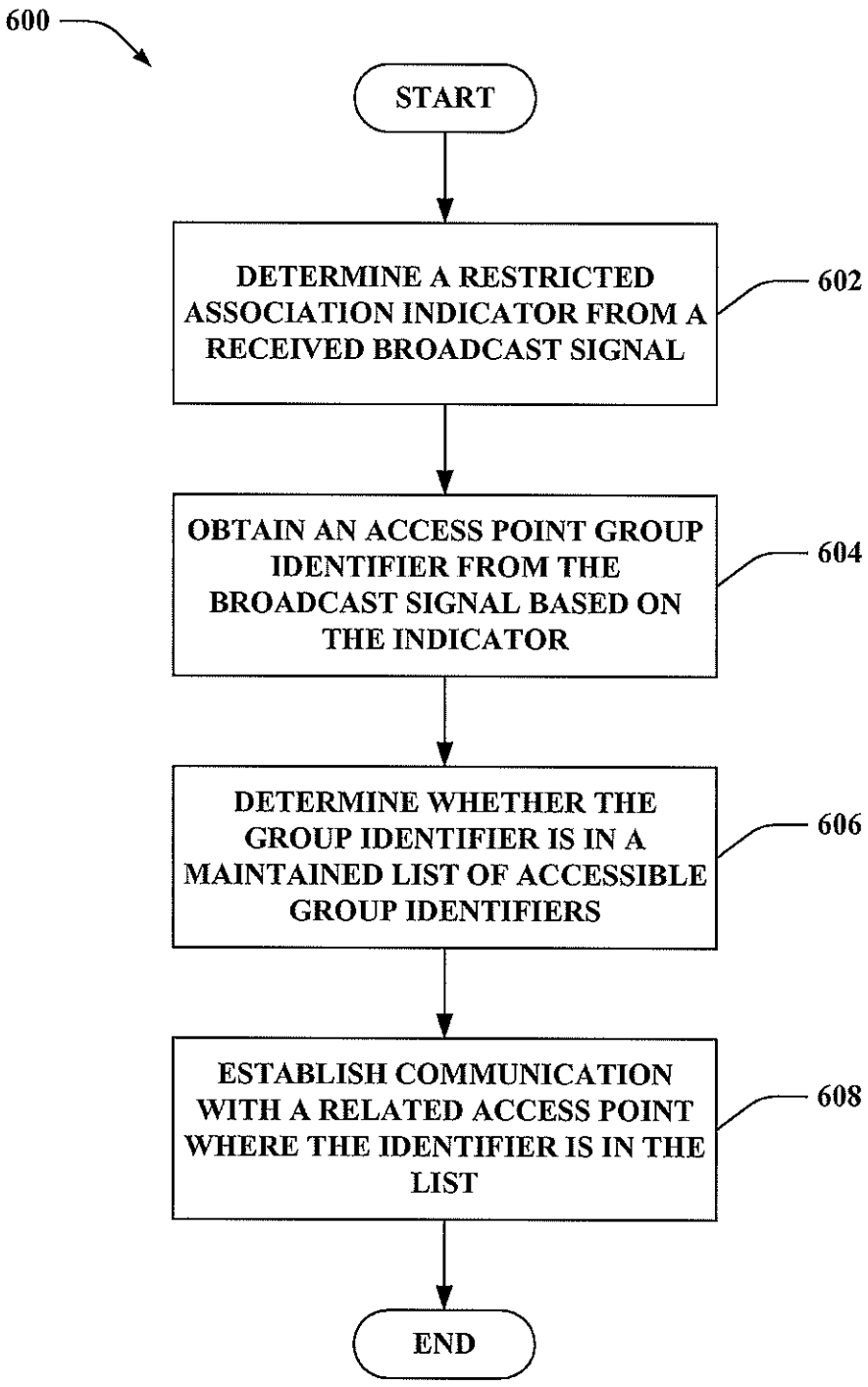

600
START
DETERMINE A RESTRICTED ASSOCIATION INDICATOR FROM A RECEIVED BROADCAST SIGNAL
602
OBTAIN AN ACCESS POINT GROUP IDENTIFIER FROM THE BROADCAST SIGNAL BASED ON THE INDICATOR
604
DETERMINE WHETHER THE GROUP IDENTIFIER IS IN A MAINTAINED LIST OF ACCESSIBLE GROUP IDENTIFIERS
606
ESTABLISH COMMUNICATION WITH A RELATED ACCESS POINT WHERE THE IDENTIFIER IS IN THE LIST
608
END

FIG. 6

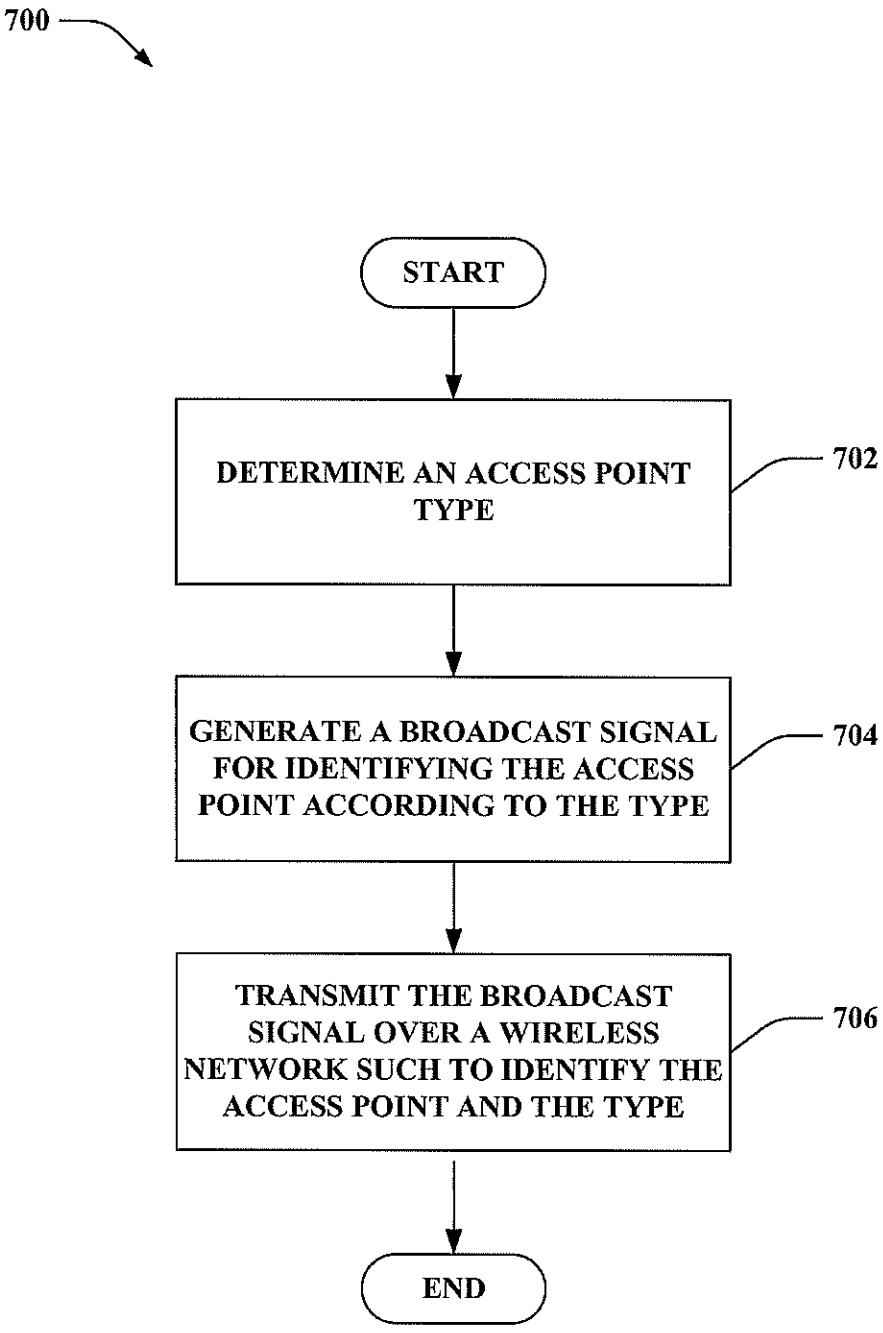

700
START
DETERMINE AN ACCESS POINT TYPE
702
GENERATE A BROADCAST SIGNAL FOR IDENTIFYING THE ACCESS POINT ACCORDING TO THE TYPE
704
TRANSMIT THE BROADCAST SIGNAL OVER A WIRELESS NETWORK SUCH TO IDENTIFY THE ACCESS POINT AND THE TYPE
706
END

FIG. 7

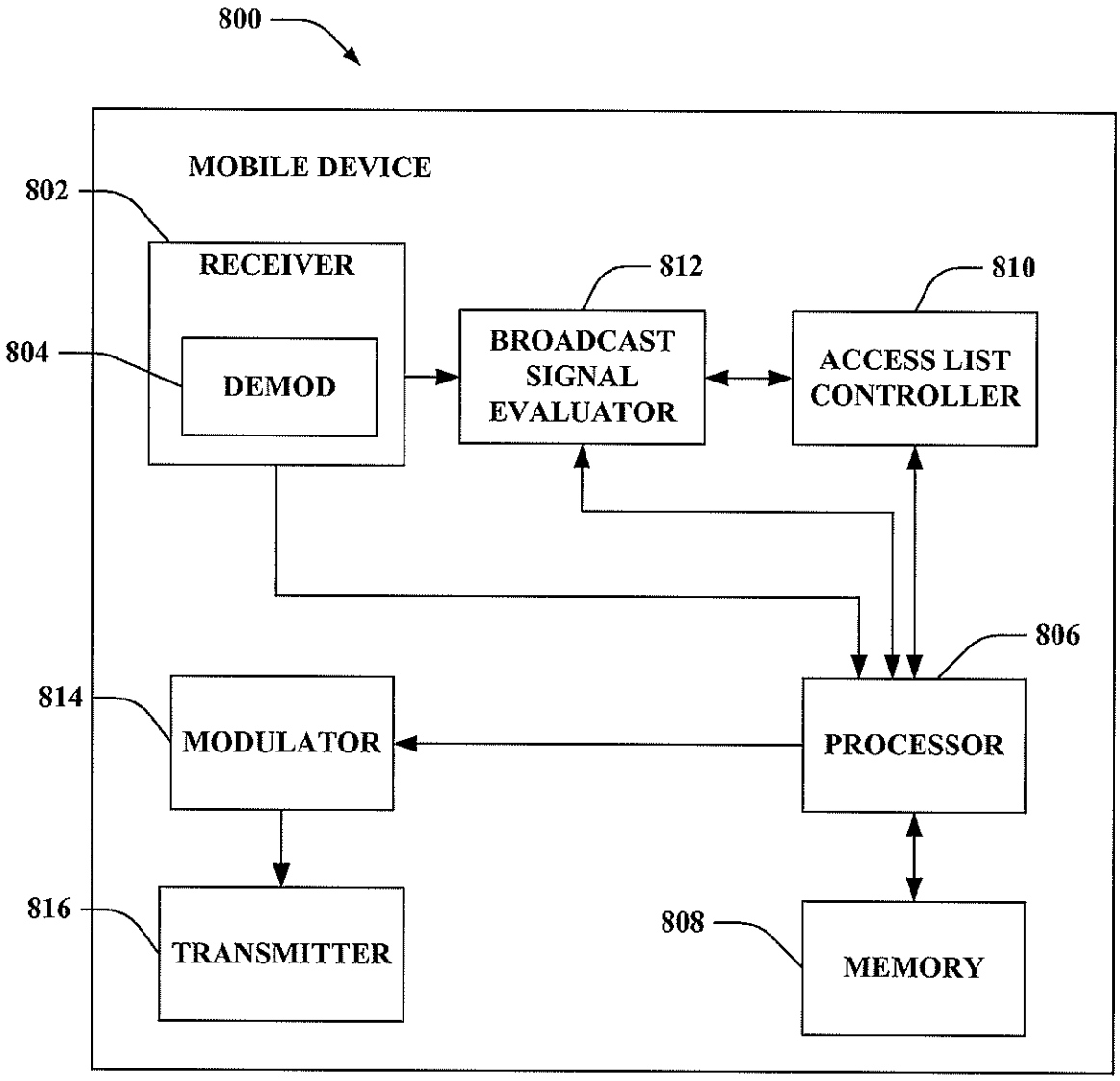

800
MOBILE DEVICE
802
RECEIVER
804
DEMOD
812
BROADCAST SIGNAL EVALUATOR
810
ACCESS LIST CONTROLLER
806
814
MODULATOR
PROCESSOR
816
TRANSMITTER
808
MEMORY

FIG. 8

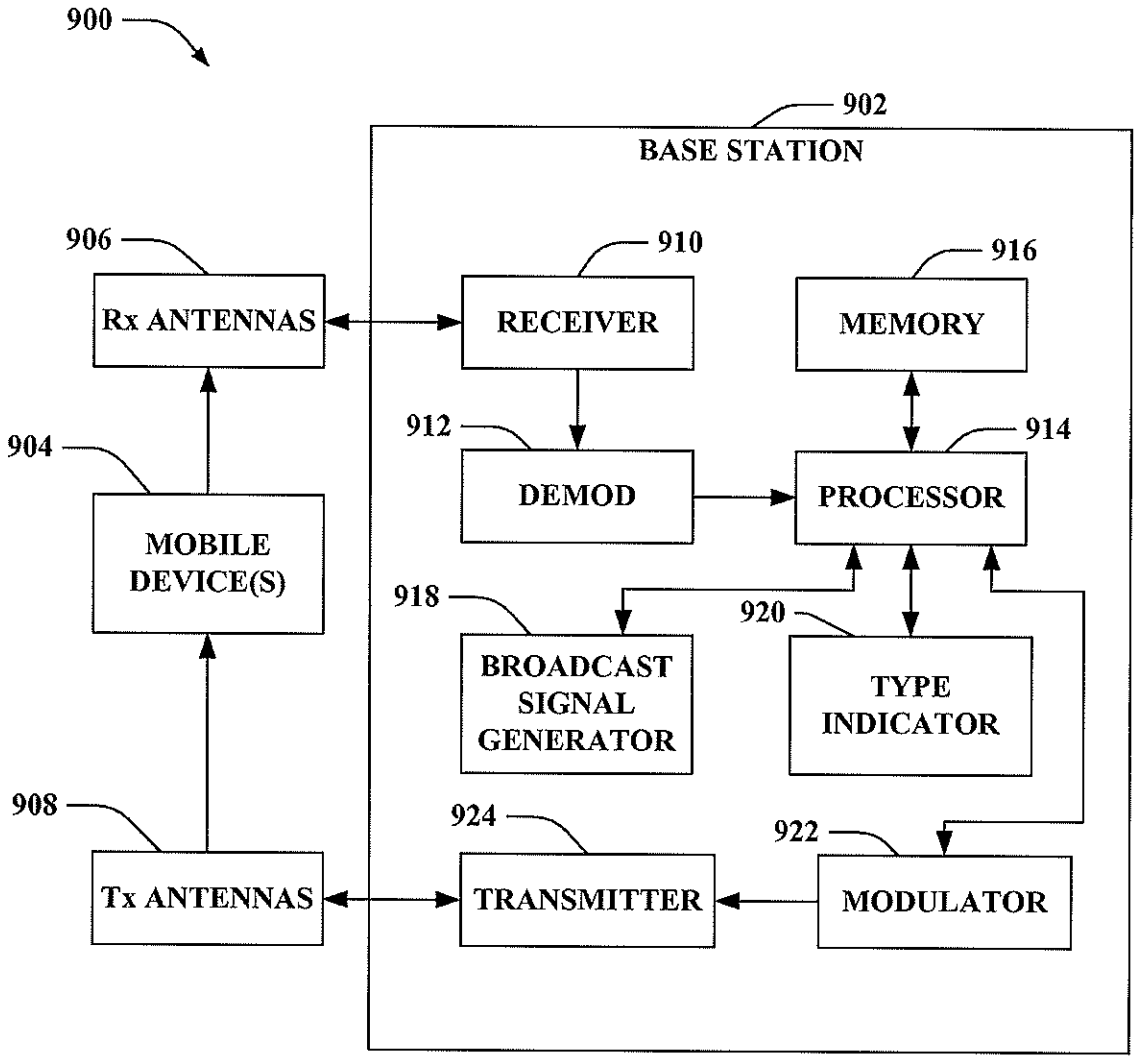

900
902
BASE STATION
906
Rx ANTENNAS
910
RECEIVER
916
MEMORY
912
DEMOD
914
PROCESSOR
904
MOBILE DEVICE(S)
918
BROADCAST SIGNAL GENERATOR
920
TYPE INDICATOR
908
Tx ANTENNAS
924
TRANSMITTER
922
MODULATOR

FIG. 9

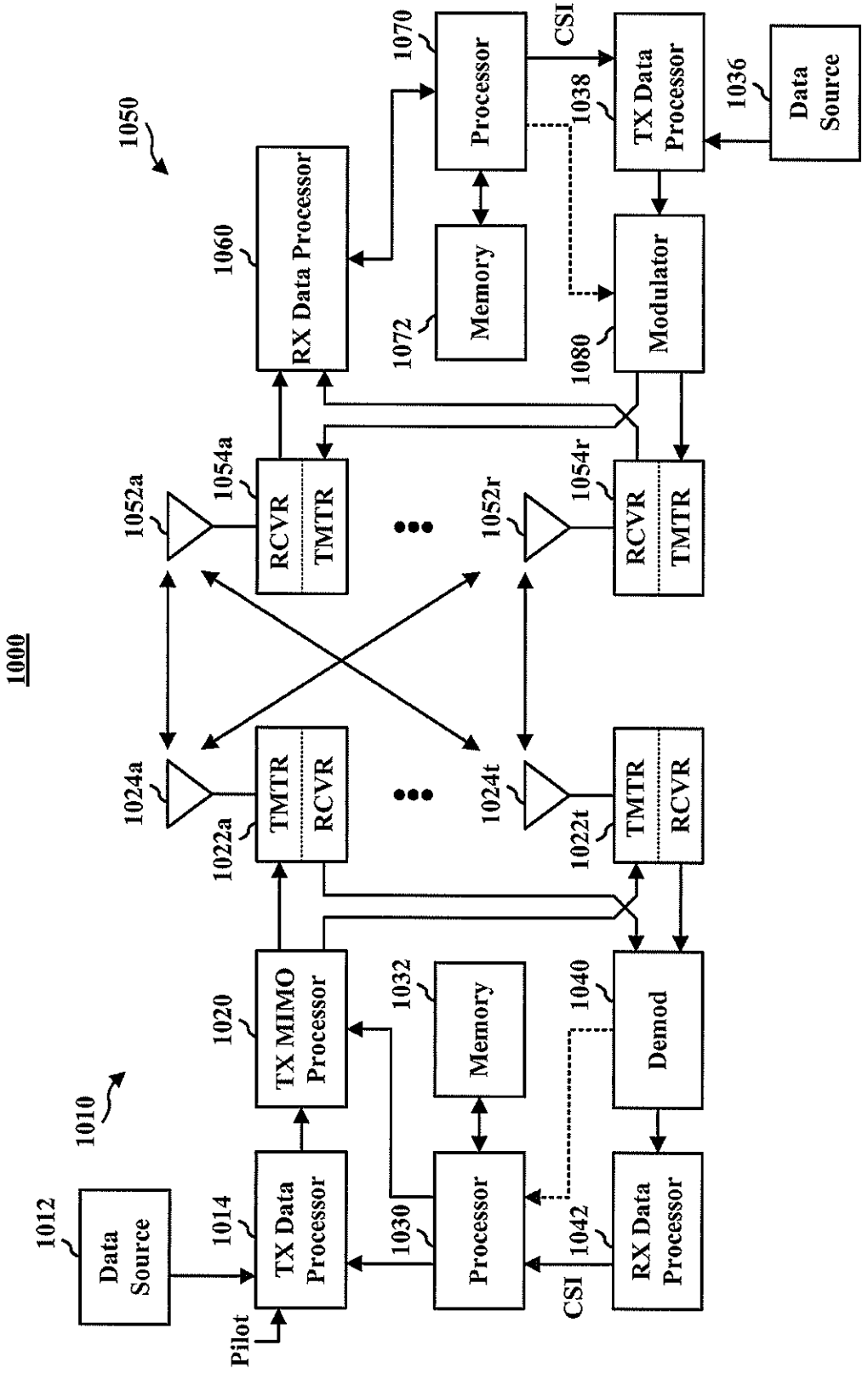

1000
1010
1012
Data Source
1014
TX Data Processor
Pilot
1020
TX MIMO Processor
1022a
TMTR
RCVR
1024a
1030
Processor
1032
Memory
1040
Demod
1042
RX Data Processor
CSI
1050
1052a
1052r
1054a
1054r
RCVR
TMTR
1060
RX Data Processor
1070
Processor
1072
Memory
1080
Modulator
1038
TX Data Processor
CSI
1036
Data Source

FIG. 10

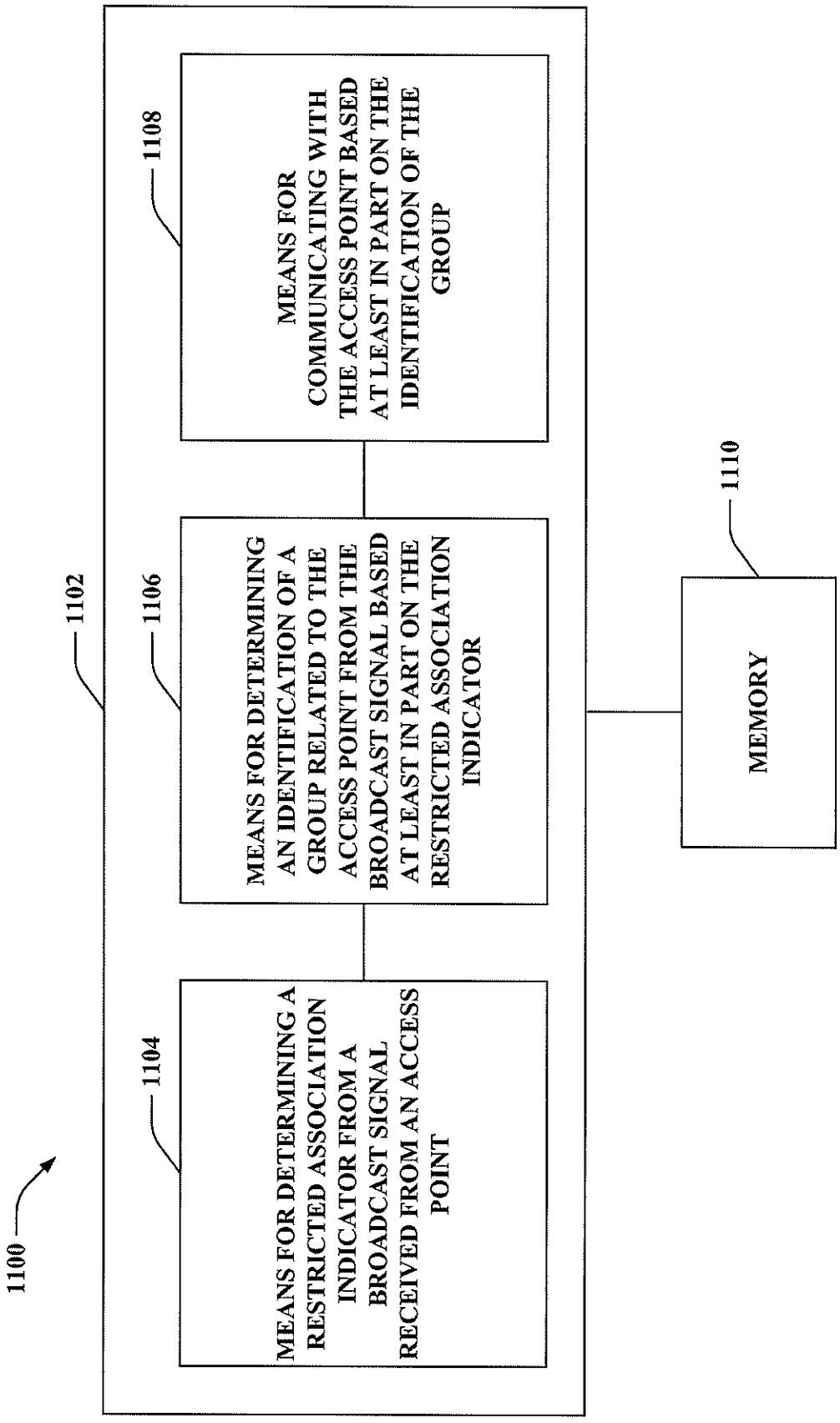

1100
1102
1104
MEANS FOR DETERMINING A RESTRICTED ASSOCIATION INDICATOR FROM A BROADCAST SIGNAL RECEIVED FROM AN ACCESS POINT
1106
MEANS FOR DETERMINING AN IDENTIFICATION OF A GROUP RELATED TO THE ACCESS POINT FROM THE BROADCAST SIGNAL BASED AT LEAST IN PART ON THE RESTRICTED ASSOCIATION INDICATOR
1108
MEANS FOR COMMUNICATING WITH THE ACCESS POINT BASED AT LEAST IN PART ON THE IDENTIFICATION OF THE GROUP
1110
MEMORY

FIG. 11

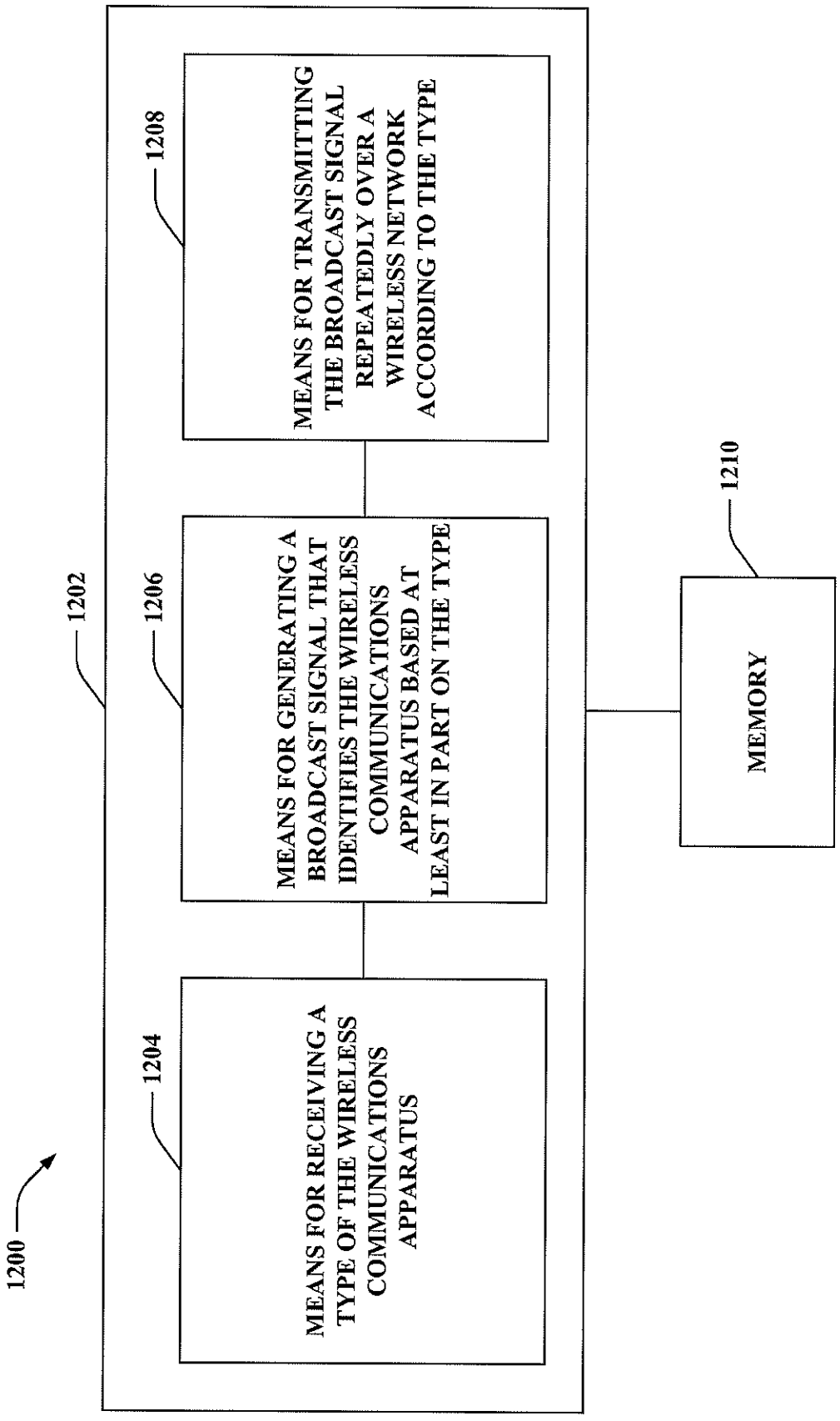

1200
1202
1204
MEANS FOR RECEIVING A TYPE OF THE WIRELESS COMMUNICATIONS APPARATUS
1206
MEANS FOR GENERATING A BROADCAST SIGNAL THAT IDENTIFIES THE WIRELESS COMMUNICATIONS APPARATUS BASED AT LEAST IN PART ON THE TYPE
1208
MEANS FOR TRANSMITTING THE BROADCAST SIGNAL REPEATEDLY OVER A WIRELESS NETWORK ACCORDING TO THE TYPE
1210
MEMORY

FIG. 12