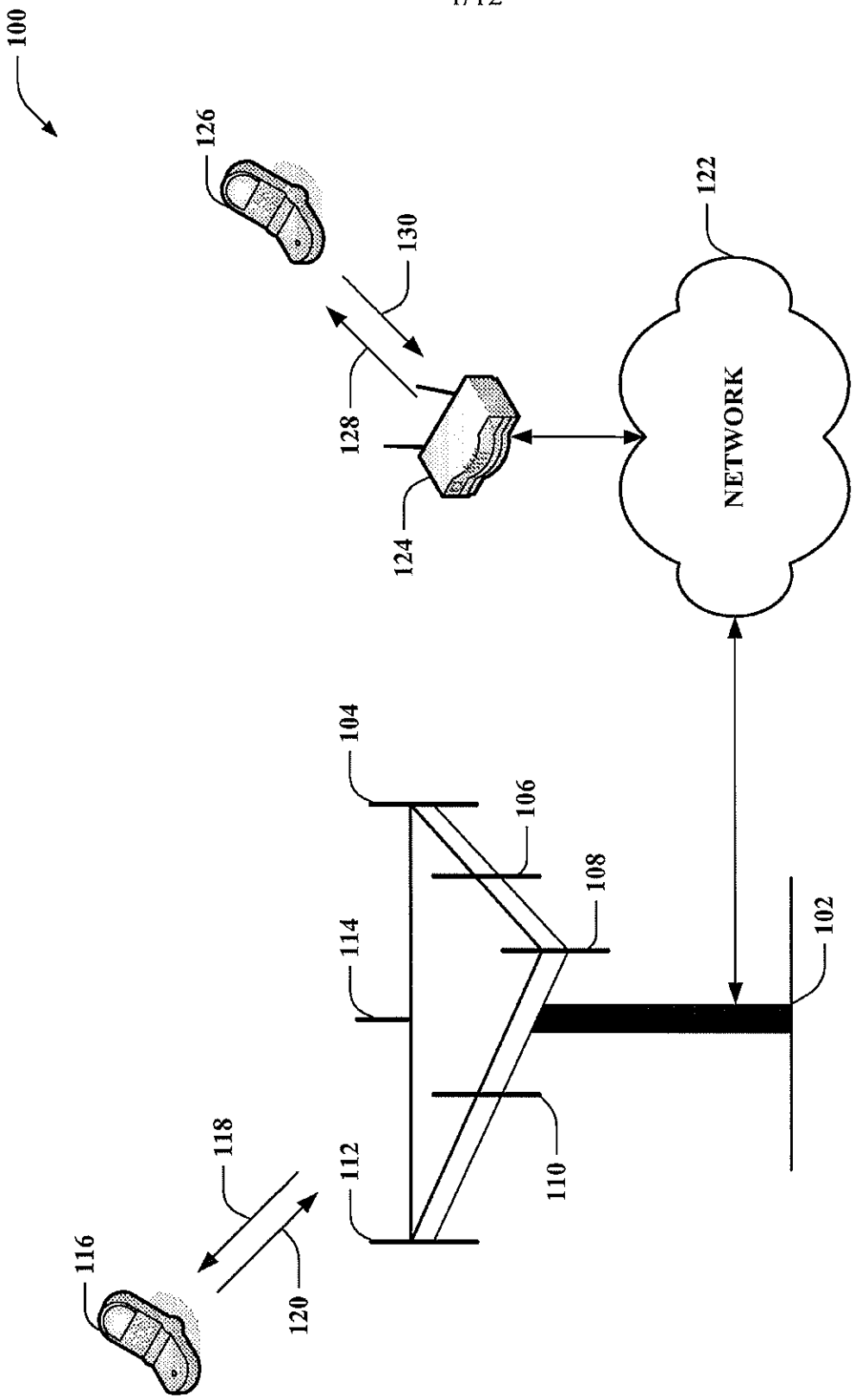

100
126
130
128
124
122
NETWORK
104
106
108
114
102
112
110
118
120
116

FIG. 1

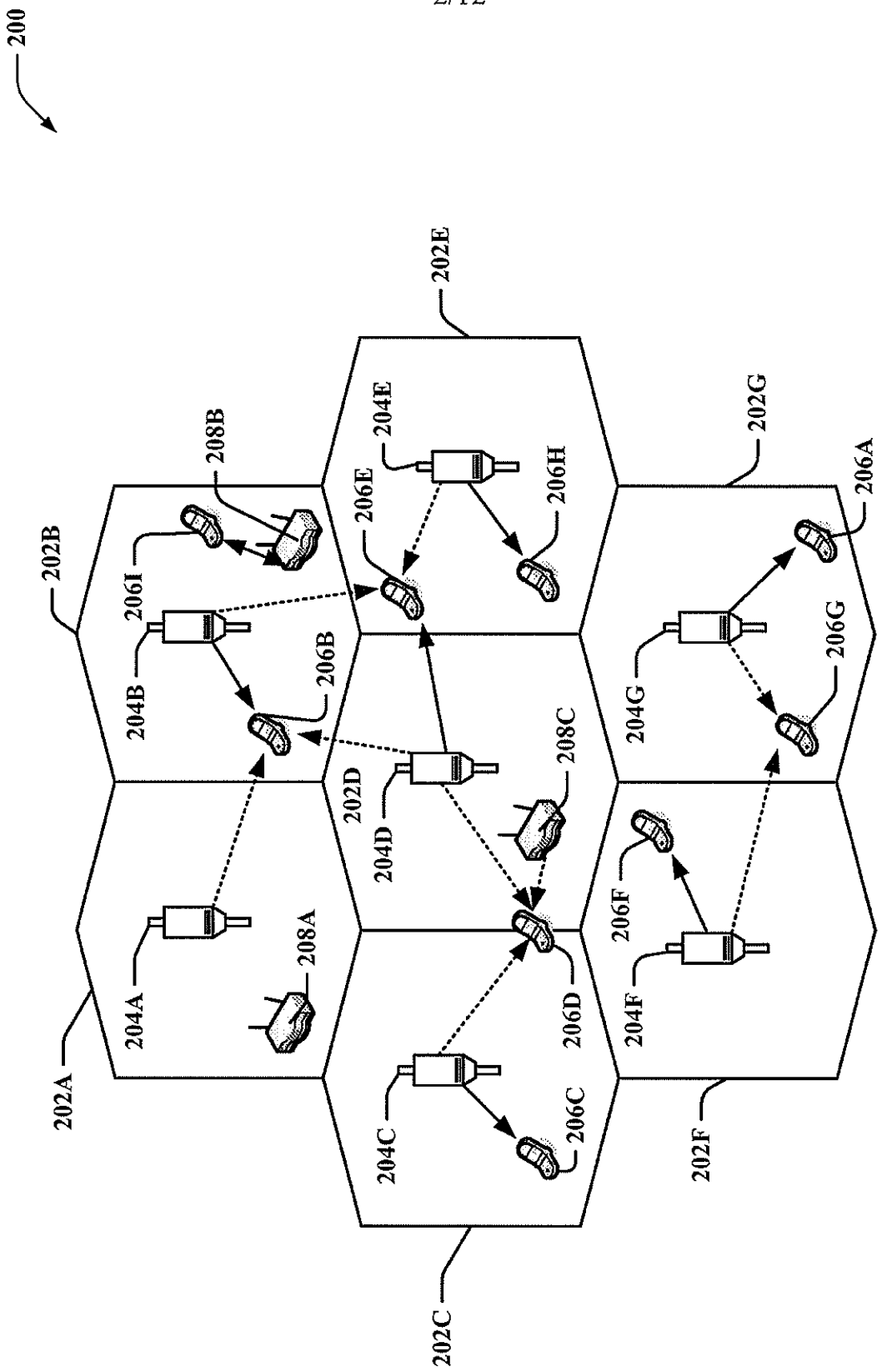

200
202A
202B
202C
202D
202E
202F
202G
204A
204B
204C
204D
204E
204F
204G
206A
206B
206C
206D
206E
206F
206G
206H
206I
208A
208B
208C

FIG. 2

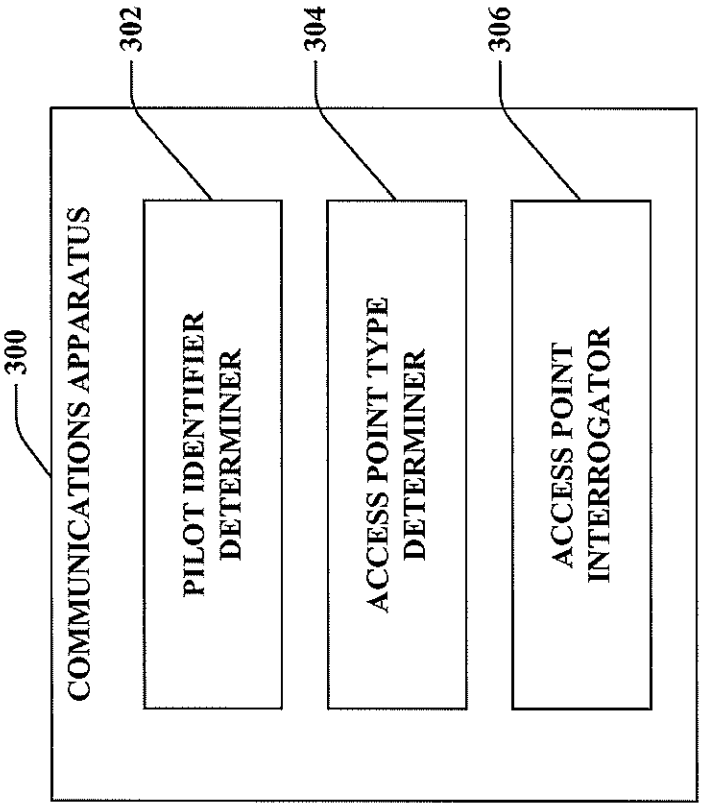

300
COMMUNICATIONS APPARATUS
302
PILOT IDENTIFIER DETERMINER
304
ACCESS POINT TYPE DETERMINER
306
ACCESS POINT INTERROGATOR

FIG. 3

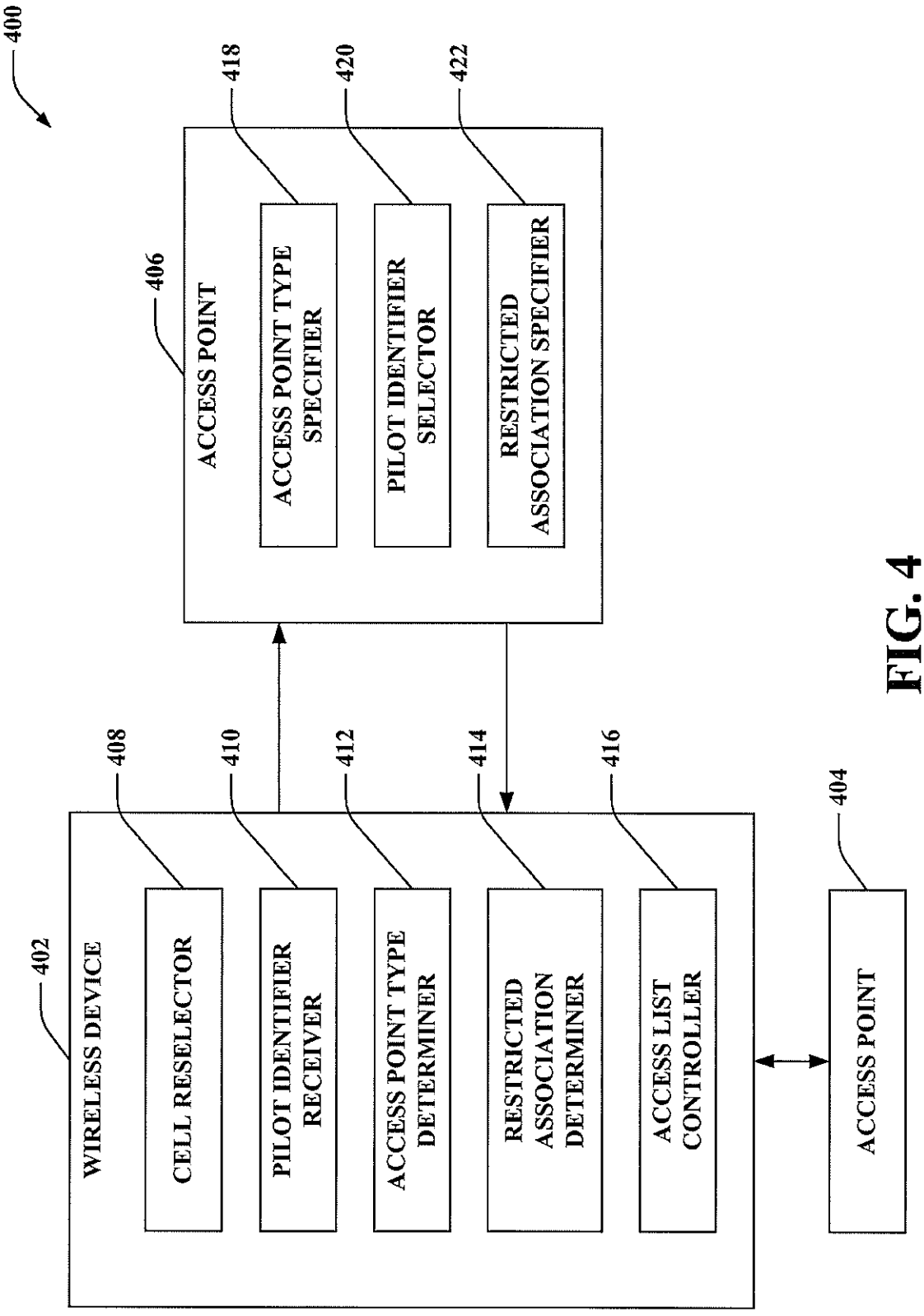

400
418
420
422
406
ACCESS POINT
ACCESS POINT TYPE SPECIFIER
PILOT IDENTIFIER SELECTOR
RESTRICTED ASSOCIATION SPECIFIER
408
410
412
414
416
404
402
WIRELESS DEVICE
CELL RESELECTOR
PILOT IDENTIFIER RECEIVER
ACCESS POINT TYPE DETERMINER
RESTRICTED ASSOCIATION DETERMINER
ACCESS LIST CONTROLLER
ACCESS POINT

FIG. 4

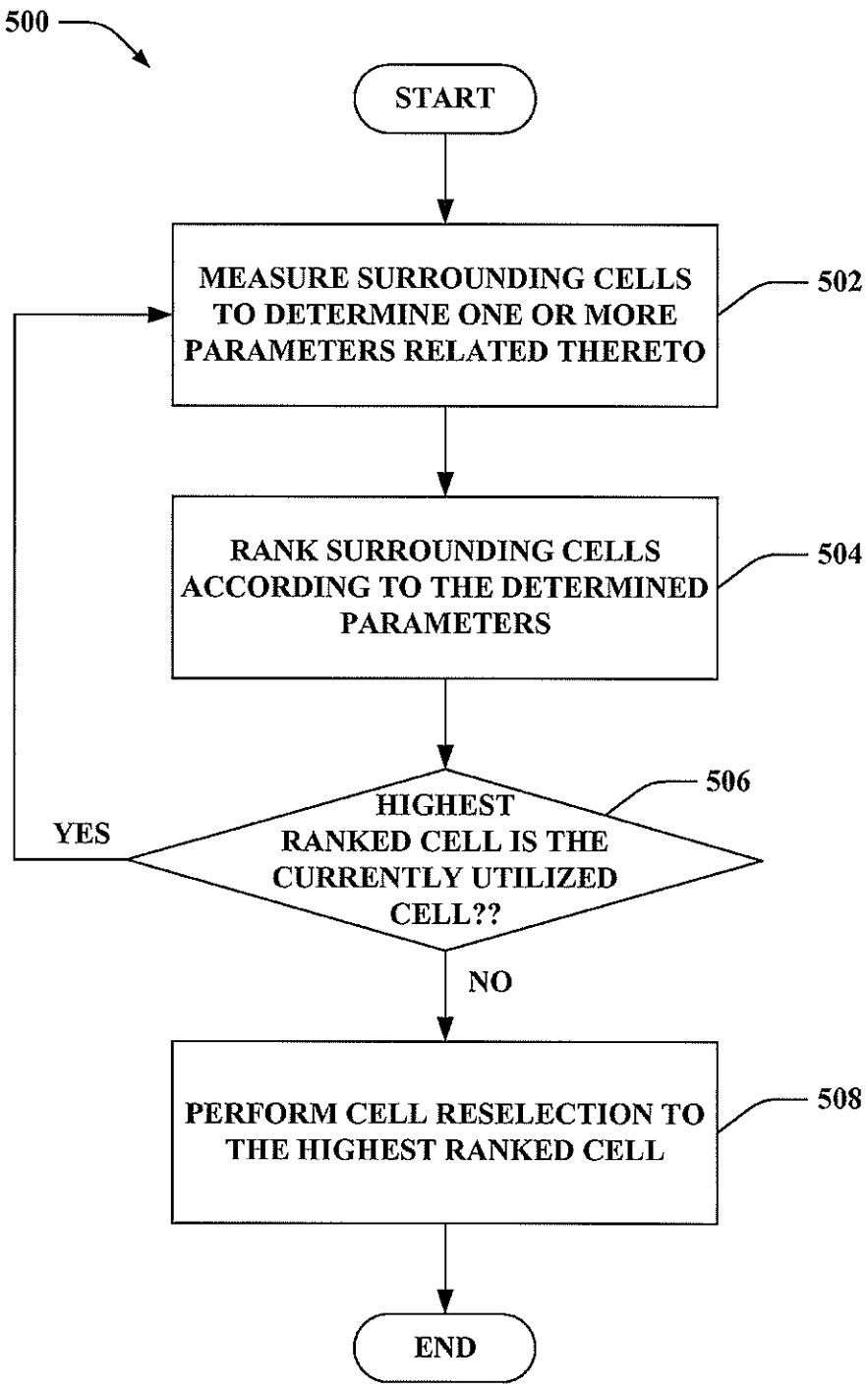

500
START
MEASURE SURROUNDING CELLS TO DETERMINE ONE OR MORE PARAMETERS RELATED THERETO
502
RANK SURROUNDING CELLS ACCORDING TO THE DETERMINED PARAMETERS
504
HIGHEST RANKED CELL IS THE CURRENTLY UTILIZED CELL??
506
YES
NO
PERFORM CELL RESELECTION TO THE HIGHEST RANKED CELL
508
END

FIG. 5

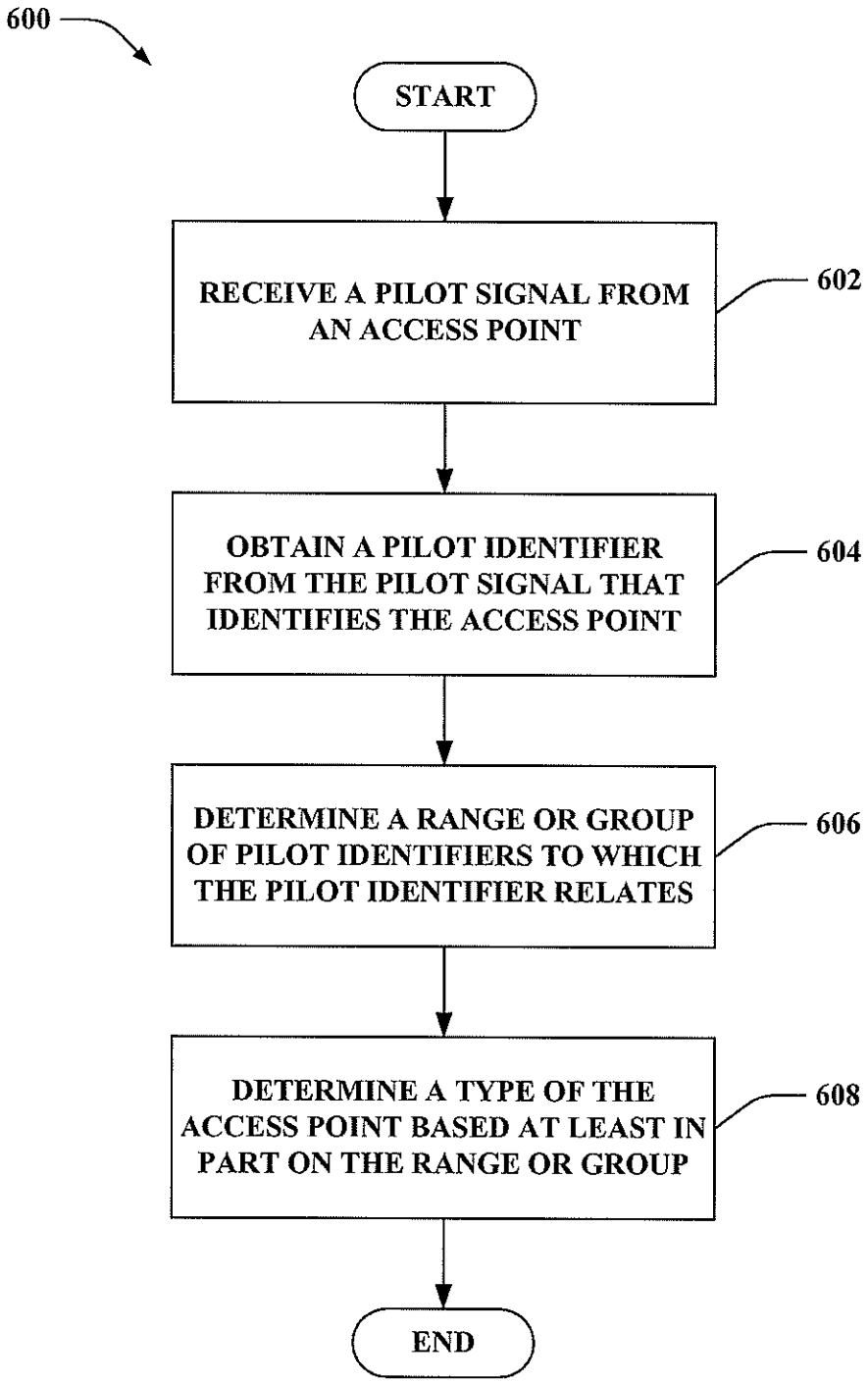

600
START
RECEIVE A PILOT SIGNAL FROM AN ACCESS POINT
602
OBTAIN A PILOT IDENTIFIER FROM THE PILOT SIGNAL THAT IDENTIFIES THE ACCESS POINT
604
DETERMINE A RANGE OR GROUP OF PILOT IDENTIFIERS TO WHICH THE PILOT IDENTIFIER RELATES
606
DETERMINE A TYPE OF THE ACCESS POINT BASED AT LEAST IN PART ON THE RANGE OR GROUP
608
END

FIG. 6

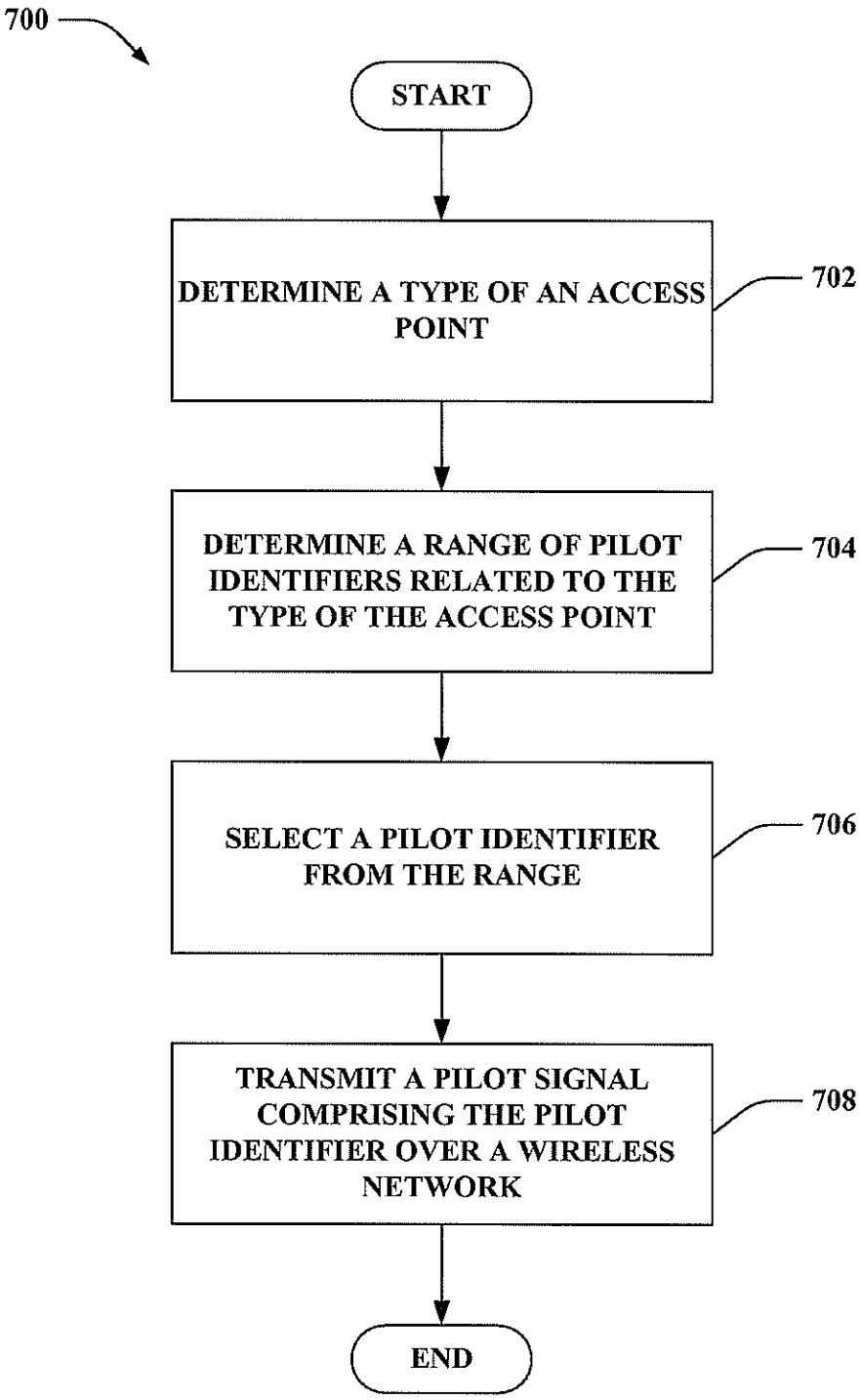

700
START
DETERMINE A TYPE OF AN ACCESS POINT
702
DETERMINE A RANGE OF PILOT IDENTIFIERS RELATED TO THE TYPE OF THE ACCESS POINT
704
SELECT A PILOT IDENTIFIER FROM THE RANGE
706
TRANSMIT A PILOT SIGNAL COMPRISING THE PILOT IDENTIFIER OVER A WIRELESS NETWORK
708
END

FIG. 7

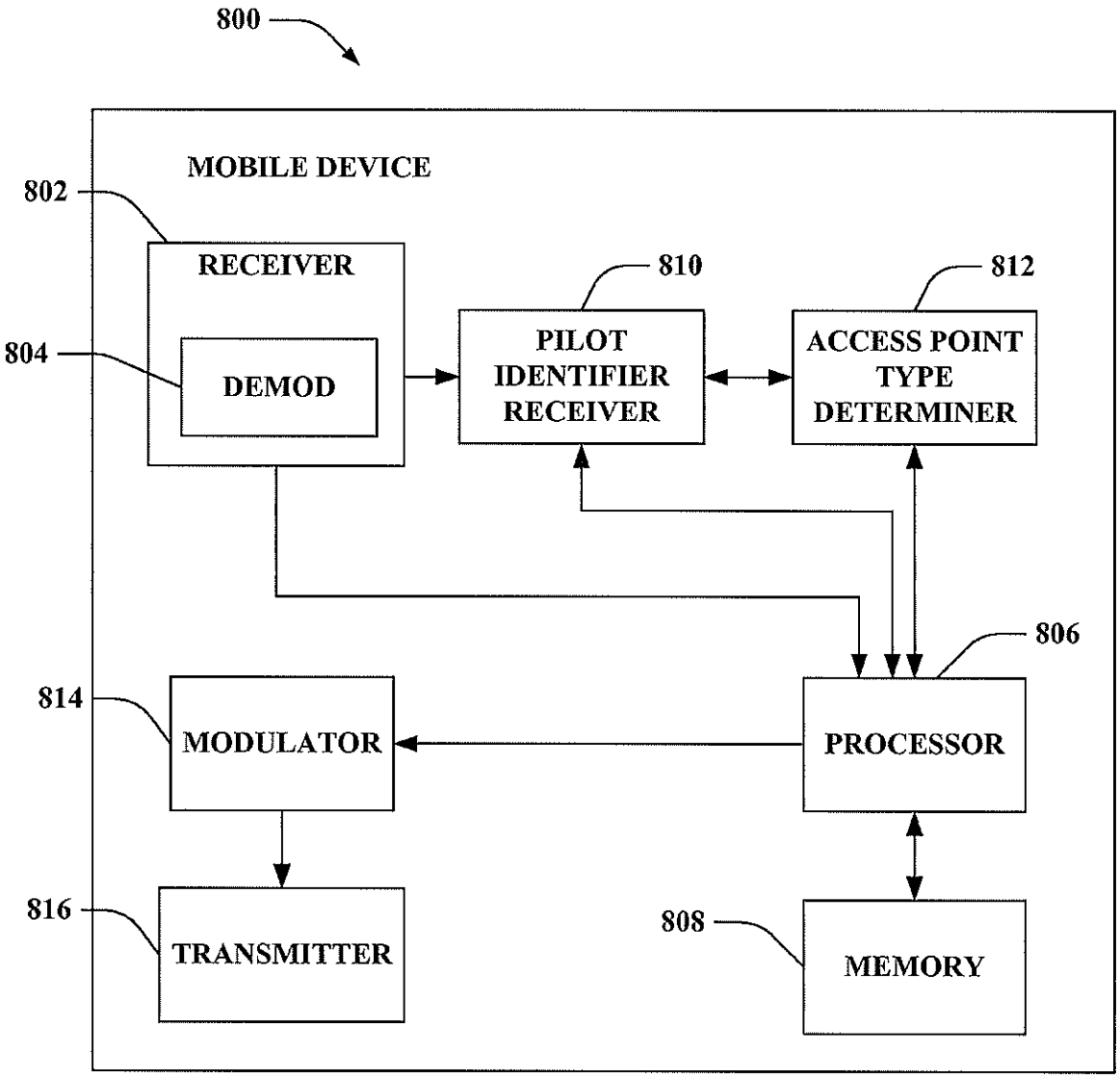

800
MOBILE DEVICE
802
RECEIVER
804
DEMOD
810
PILOT IDENTIFIER RECEIVER
812
ACCESS POINT TYPE DETERMINER
806
814
MODULATOR
PROCESSOR
816
TRANSMITTER
808
MEMORY

FIG. 8

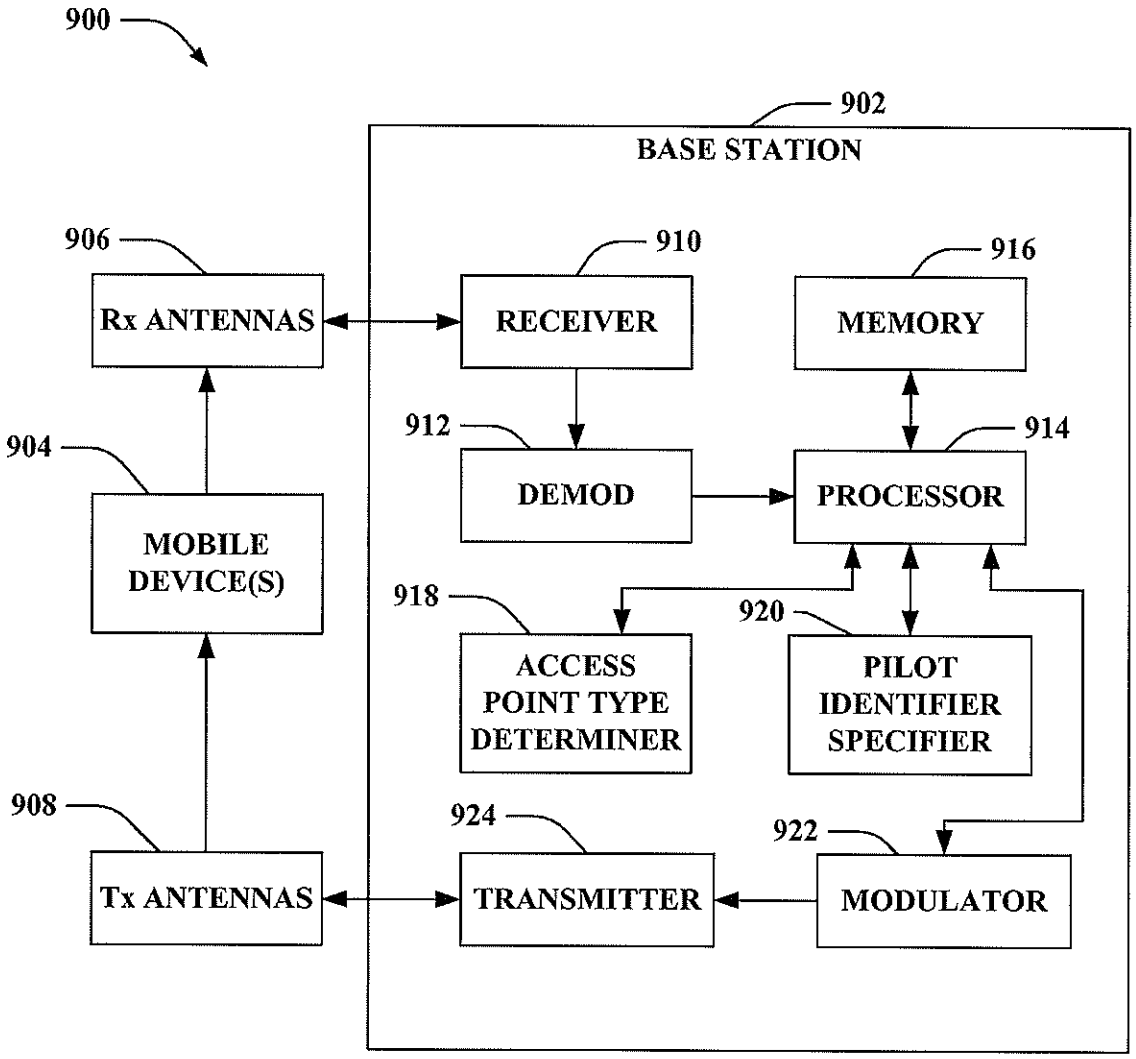

900
902
BASE STATION
906
Rx ANTENNAS
910
RECEIVER
916
MEMORY
912
DEMOD
914
PROCESSOR
904
MOBILE DEVICE(S)
918
ACCESS POINT TYPE DETERMINER
920
PILOT IDENTIFIER SPECIFIER
908
Tx ANTENNAS
924
TRANSMITTER
922
MODULATOR

FIG. 9

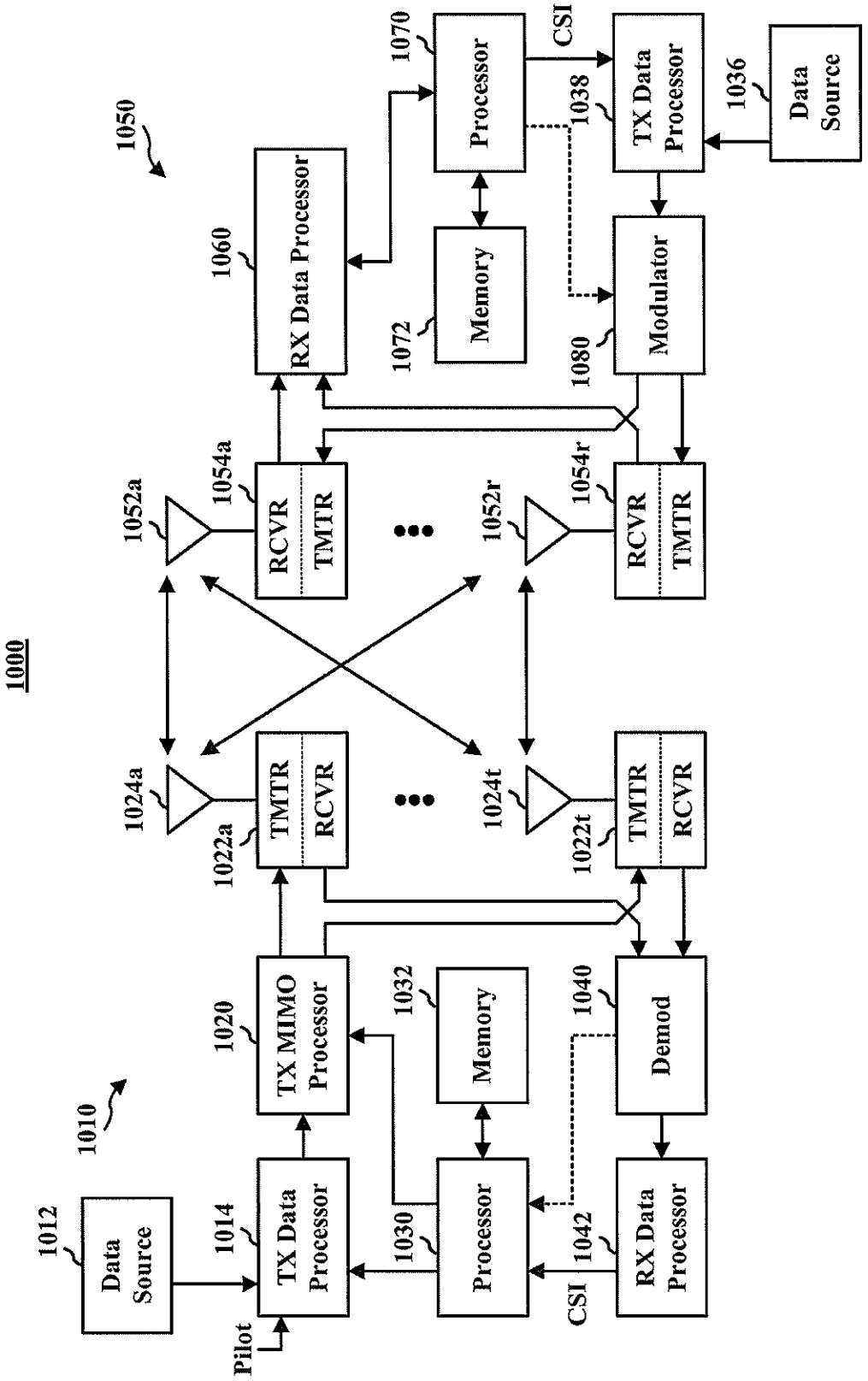

1000
1010
1012
Data Source
1014
TX Data Processor
Pilot
1020
TX MIMO Processor
1022a
TMTR
RCVR
1024a
1024t
1022t
1030
Processor
1032
Memory
1040
Demod
1042
RX Data Processor
CSI
1050
1052a
1052r
1054a
1054r
RCVR
TMTR
1060
RX Data Processor
1070
Processor
1072
Memory
1080
Modulator
1038
TX Data Processor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

FIG. 10

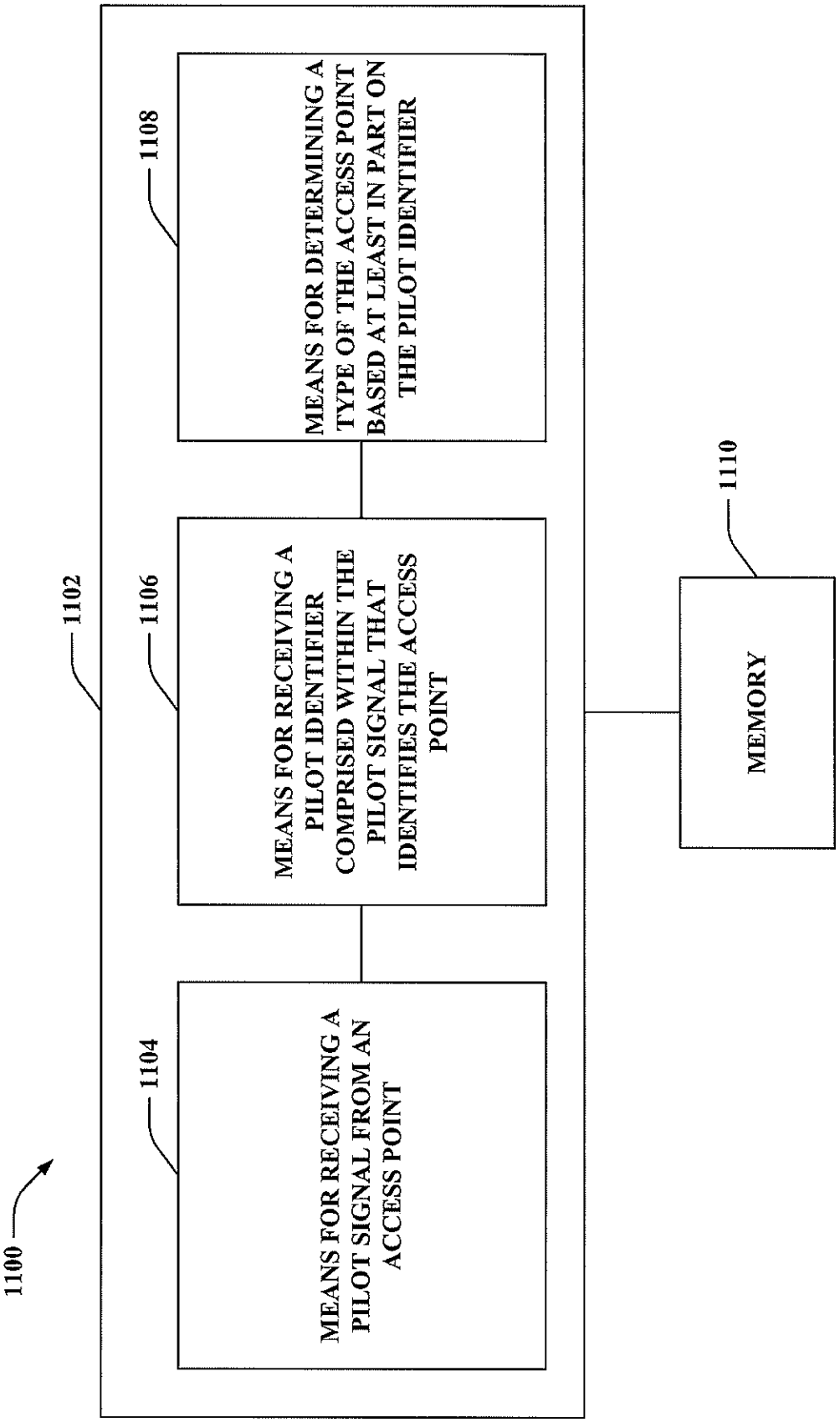

1100
1102
1104
MEANS FOR RECEIVING A PILOT SIGNAL FROM AN ACCESS POINT
1106
MEANS FOR RECEIVING A PILOT IDENTIFIER COMPRISED WITHIN THE PILOT SIGNAL THAT IDENTIFIES THE ACCESS POINT
1108
MEANS FOR DETERMINING A TYPE OF THE ACCESS POINT BASED AT LEAST IN PART ON THE PILOT IDENTIFIER
1110
MEMORY

FIG. 11

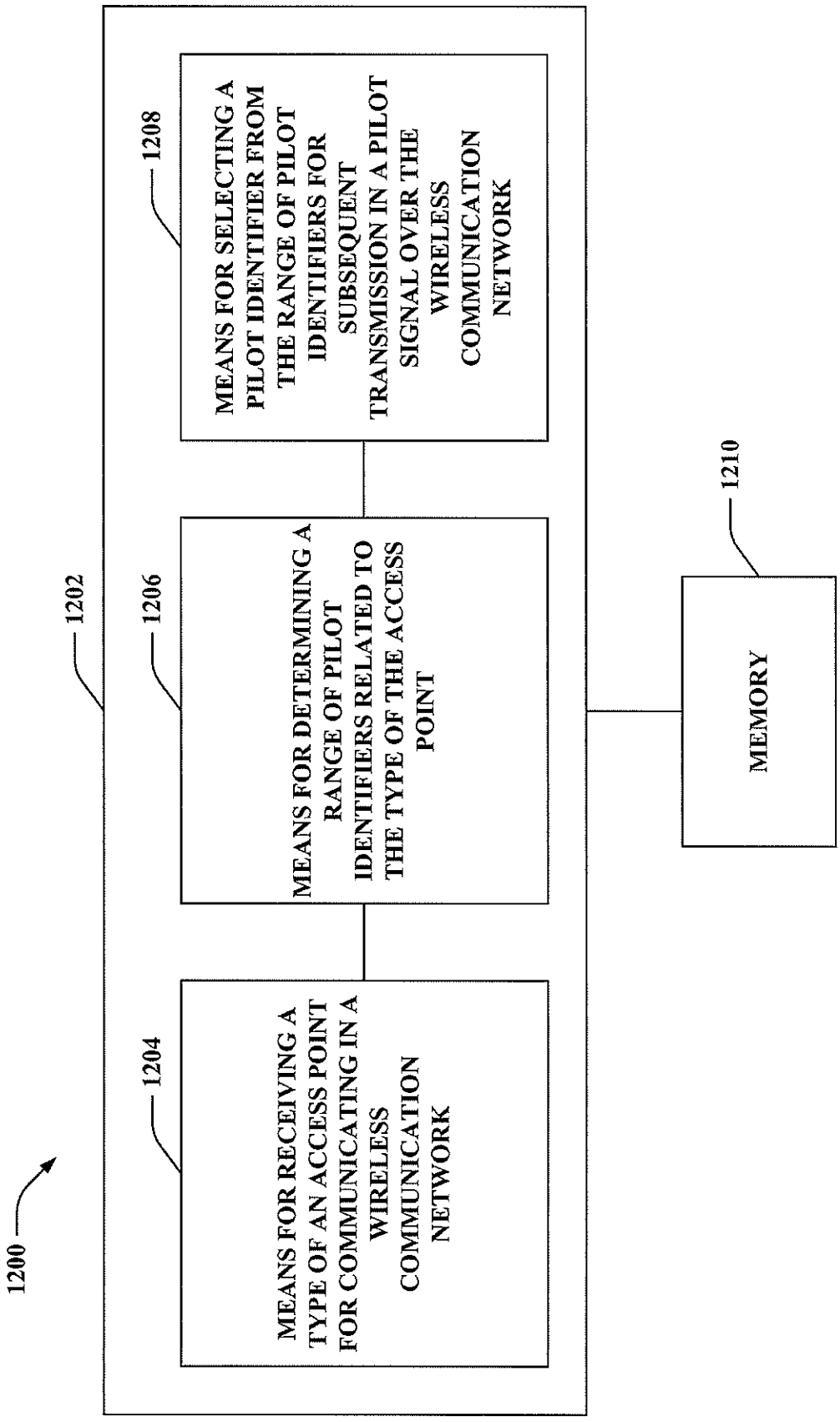

1200
1202
1204
MEANS FOR RECEIVING A TYPE OF AN ACCESS POINT FOR COMMUNICATING IN A WIRELESS COMMUNICATION NETWORK
1206
MEANS FOR DETERMINING A RANGE OF PILOT IDENTIFIERS RELATED TO THE TYPE OF THE ACCESS POINT
1208
MEANS FOR SELECTING A PILOT IDENTIFIER FROM THE RANGE OF PILOT IDENTIFIERS FOR SUBSEQUENT TRANSMISSION IN A PILOT SIGNAL OVER THE WIRELESS COMMUNICATION NETWORK
1210
MEMORY

FIG. 12