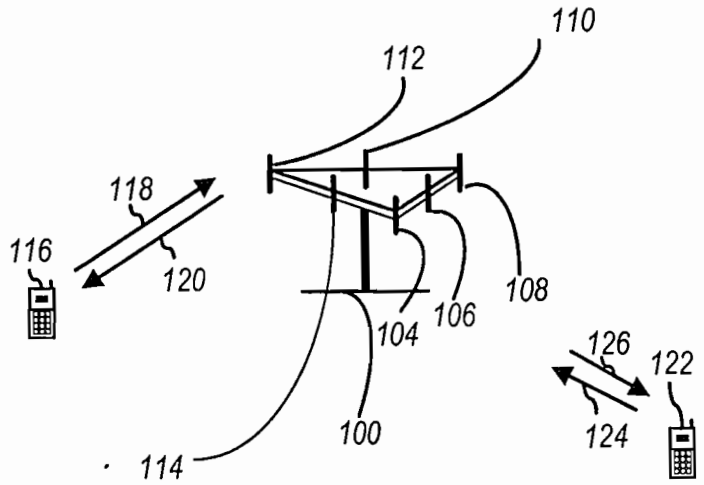

110
112
118
116
120
108
106
104
126
122
124
100
114

Fig. 1

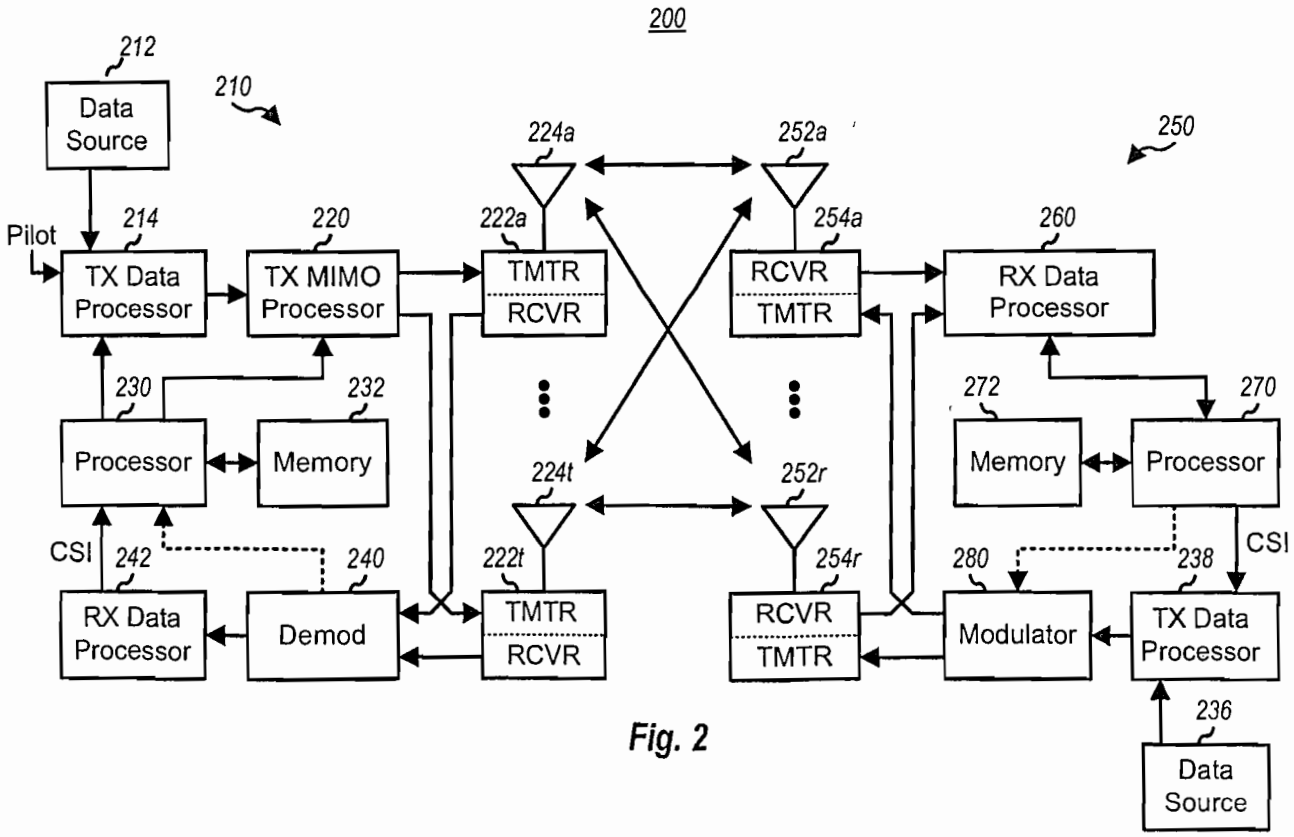

200
212
210
Data Source
224a
252a
250
Pilot
214
220
222a
254a
260
TX Data Processor
TX MIMO Processor
TMTR
RCVR
RCVR
TMTR
RX Data Processor
230
232
272
270
Processor
Memory
Memory
Processor
224t
252r
CSI
242
240
222t
254r
280
238
CSI
RX Data Processor
Demod
TMTR
RCVR
RCVR
TMTR
Modulator
TX Data Processor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

Fig. 2

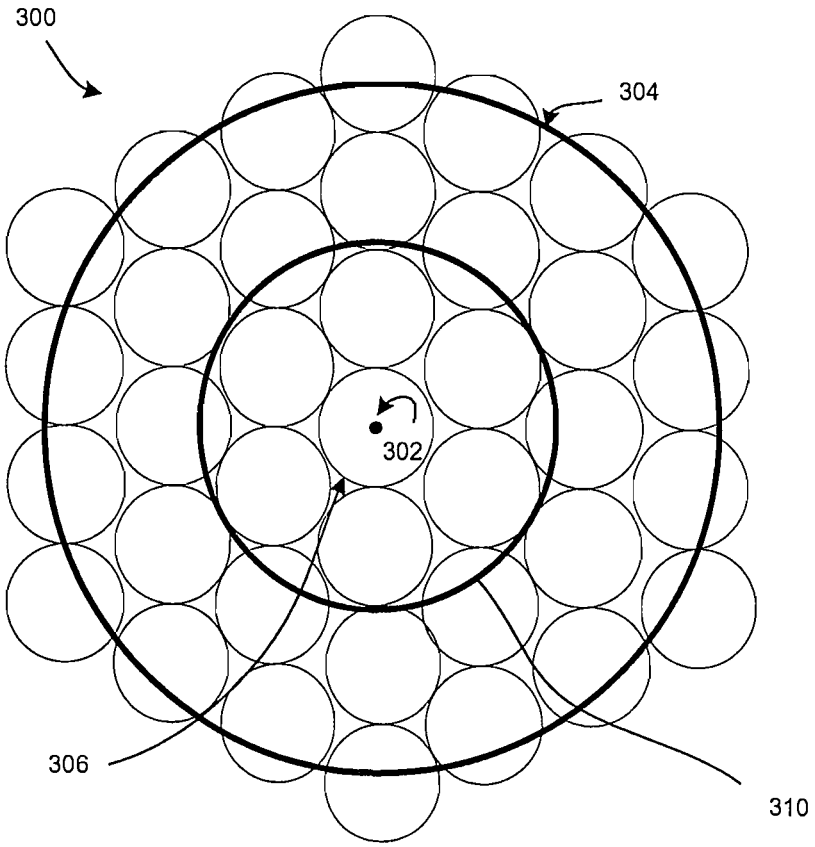


FIG 3

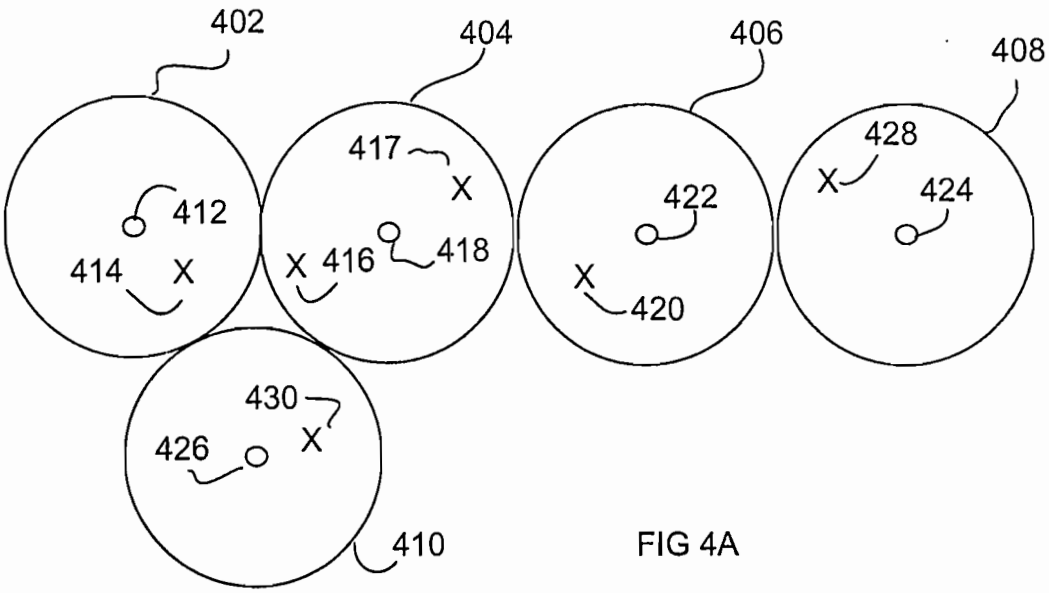


FIG 4A

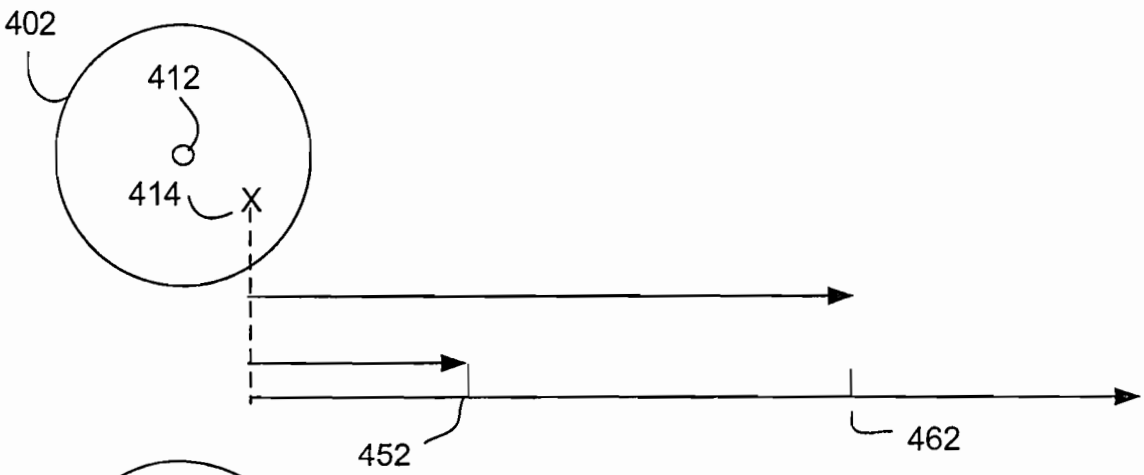


FIG 4B

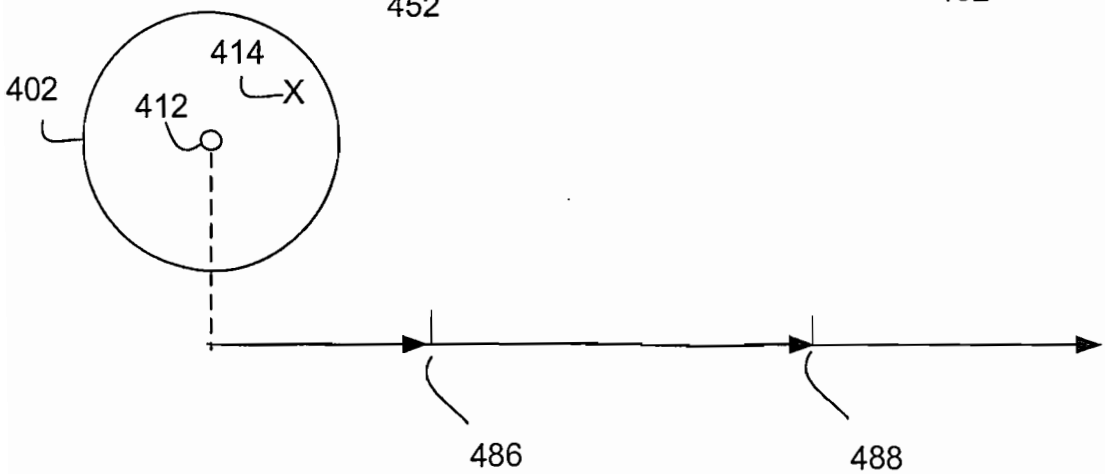


FIG 4C

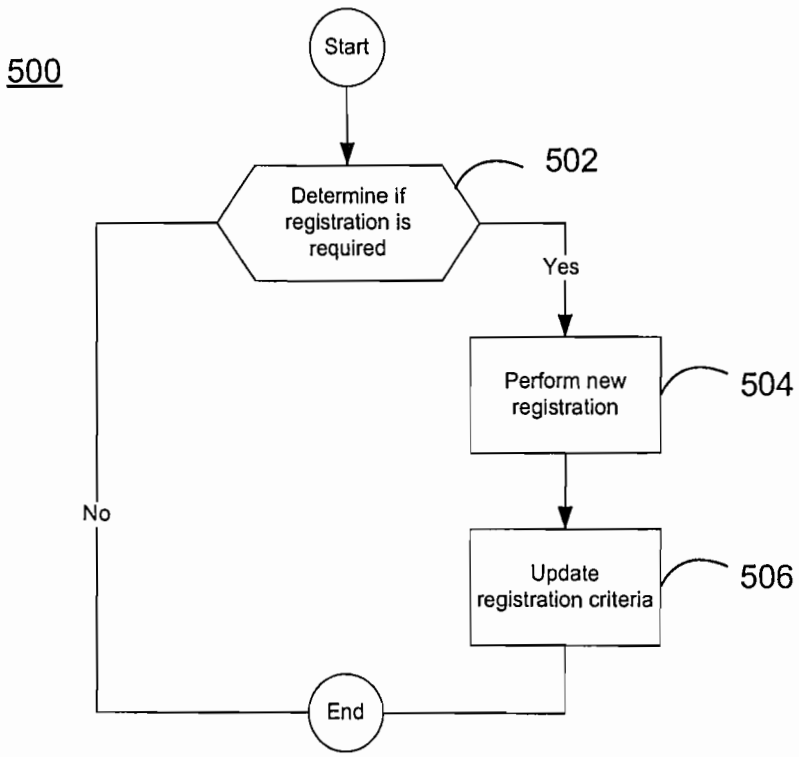

500
Start
Determine if registration is required
502
Yes
No
Perform new registration
504
Update registration criteria
506
End

FIG 5

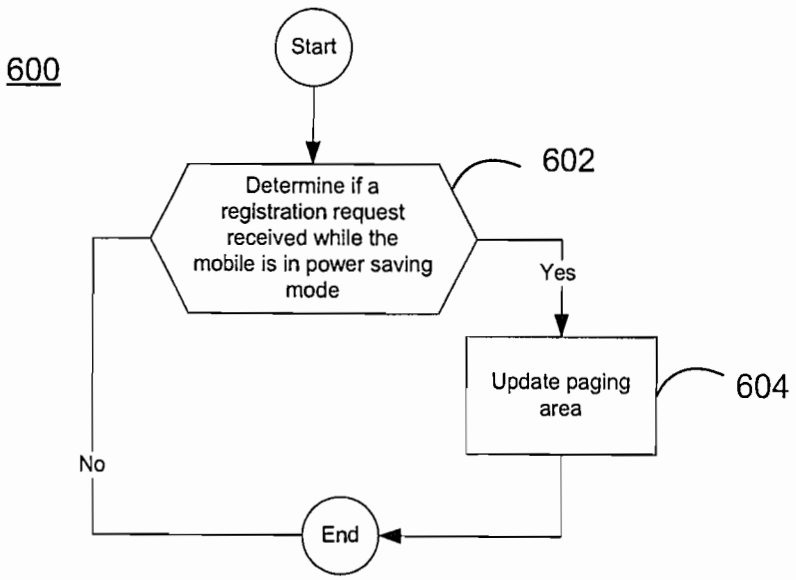

600
Start
Determine if a registration request received while the mobile is in power saving mode
602
Yes
Update paging area
604
No
End

FIG 6

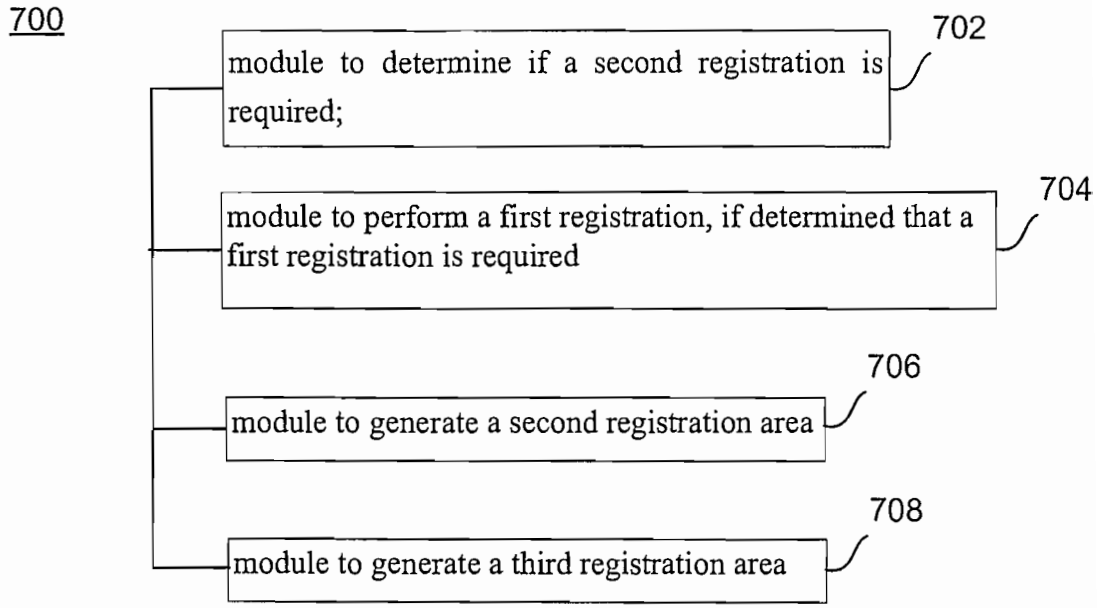

700
module to determine if a second registration is required;
702
module to perform a first registration, if determined that a first registration is required
704
module to generate a second registration area
706
module to generate a third registration area
708

FIG. 7A

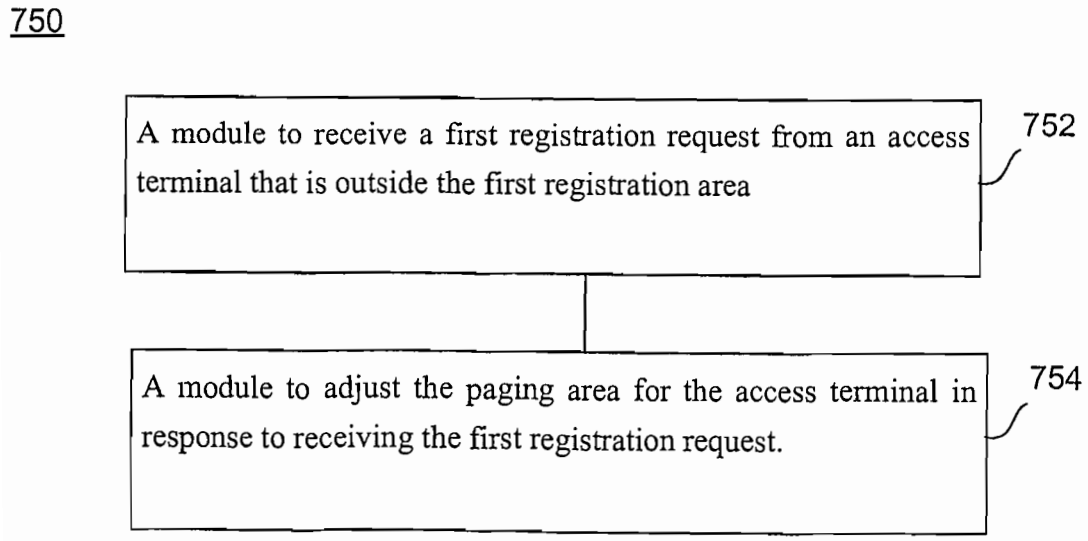

750
A module to receive a first registration request from an access terminal that is outside the first registration area
752
A module to adjust the paging area for the access terminal in response to receiving the first registration request.
754

FIG. 7B