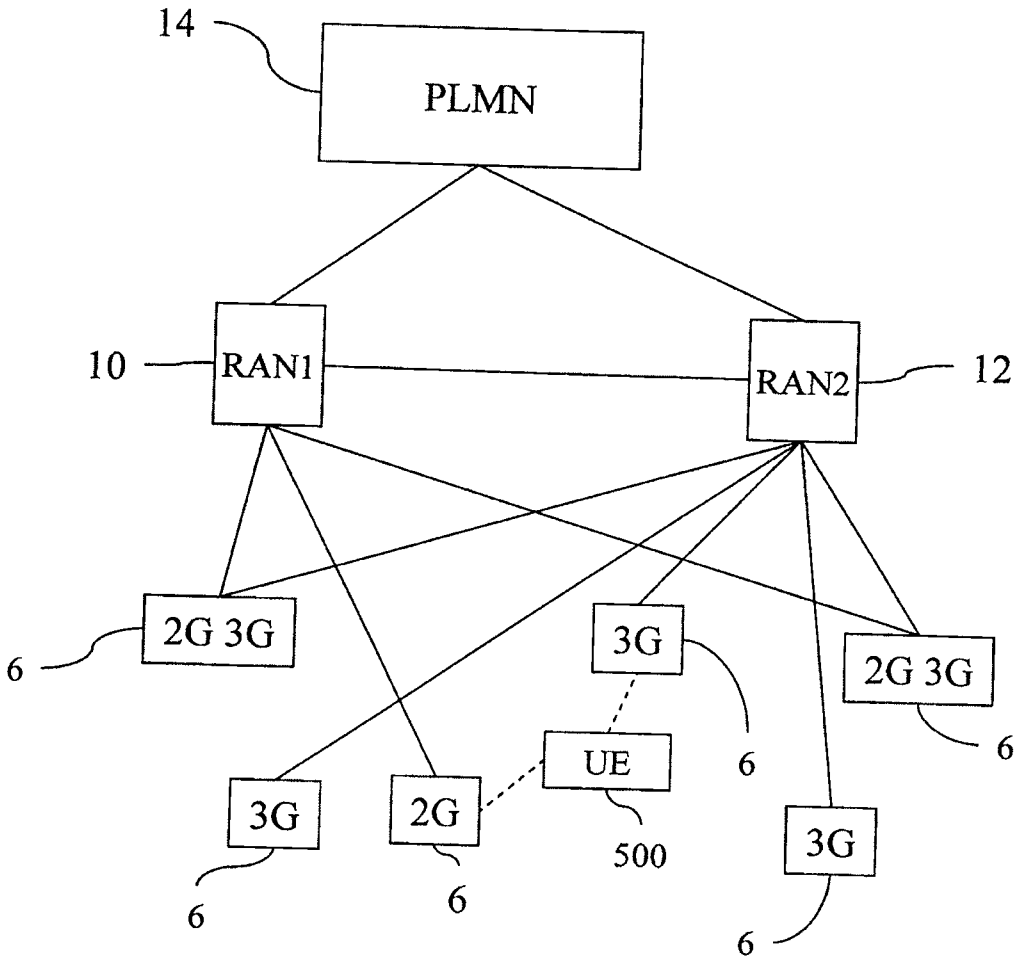


Fig. 1

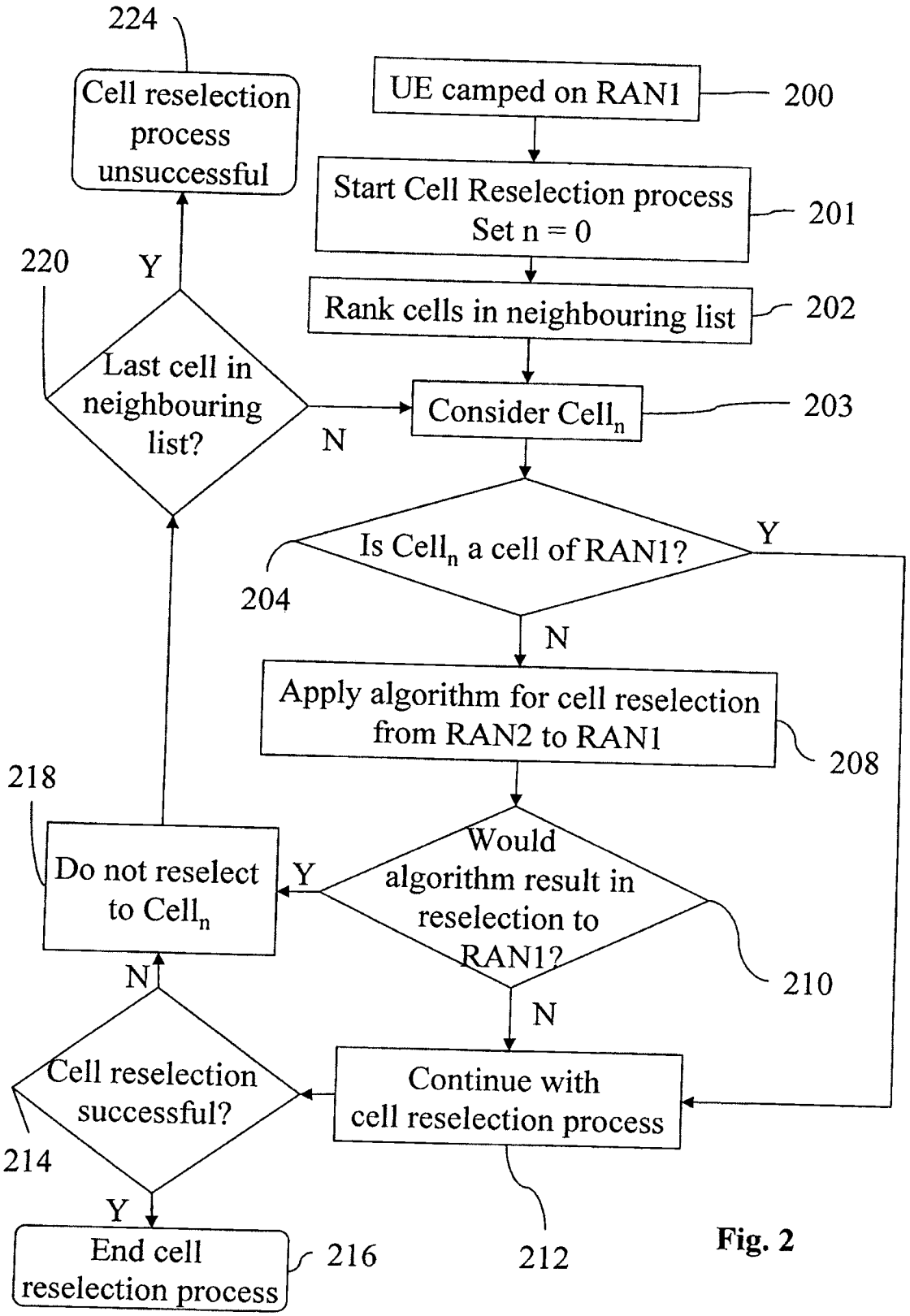

UE camped on RAN1
200
Start Cell Reselection process
Set n = 0
201
Rank cells in neighbouring list
202
Consider Cell$_n$
203
Is Cell$_n$ a cell of RAN1?
204
Y
N
Apply algorithm for cell reselection from RAN2 to RAN1
208
Would algorithm result in reselection to RAN1?
210
Y
N
Do not reselect to Cell$_n$
218
Last cell in neighbouring list?
220
Y
N
Cell reselection process unsuccessful
224
Continue with cell reselection process
212
Cell reselection successful?
214
Y
N
End cell reselection process
216

Fig. 2

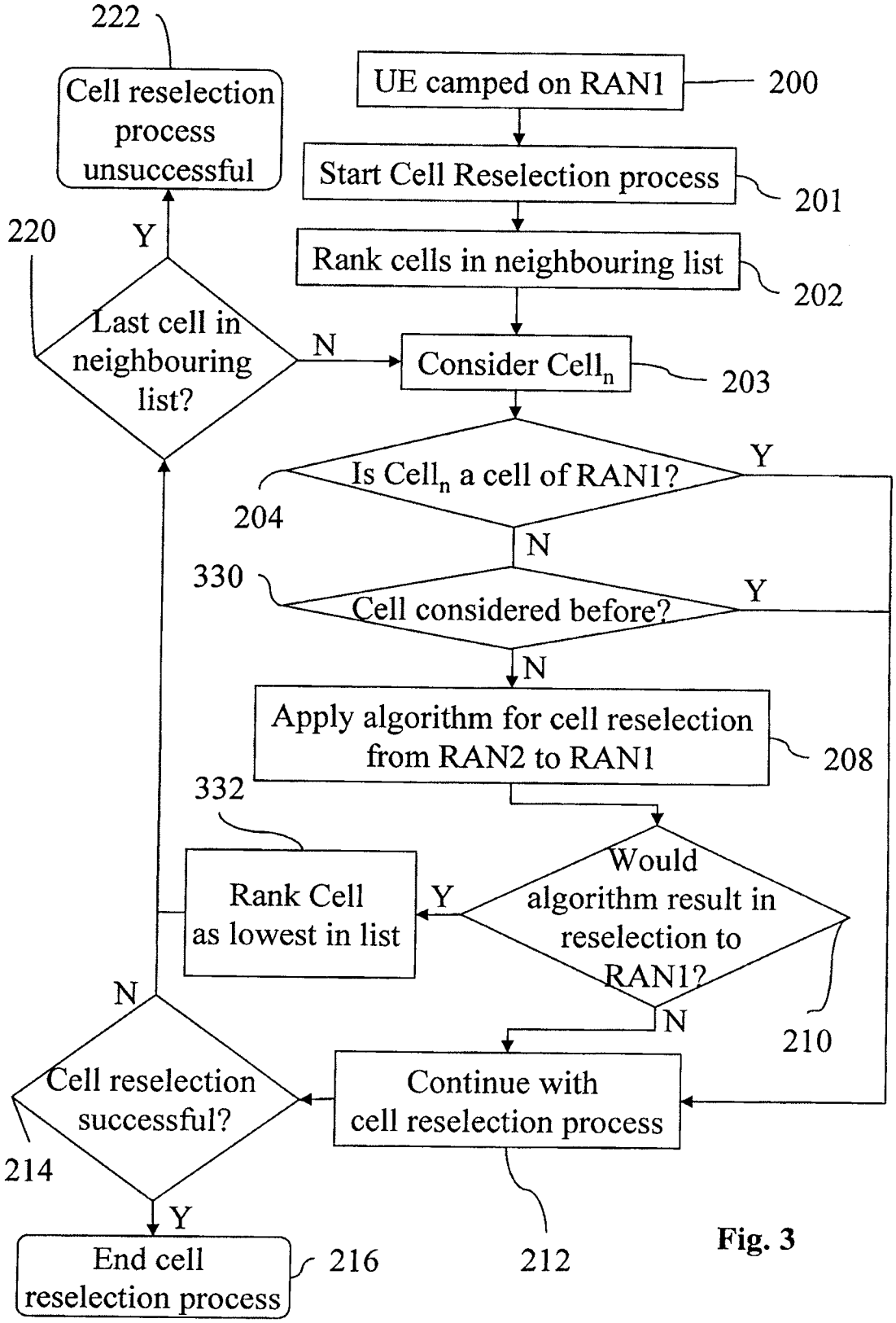

222
Cell reselection process unsuccessful
UE camped on RAN1
200
Start Cell Reselection process
201
Rank cells in neighbouring list
202
220
Y
Last cell in neighbouring list?
N
Consider Cell$_n$
203
Is Cell$_n$ a cell of RAN1?
Y
204
N
330
Cell considered before?
Y
N
Apply algorithm for cell reselection from RAN2 to RAN1
208
332
Rank Cell as lowest in list
Y
Would algorithm result in reselection to RAN1?
N
210
N
Cell reselection successful?
Continue with cell reselection process
214
Y
End cell reselection process
216
212

Fig. 3

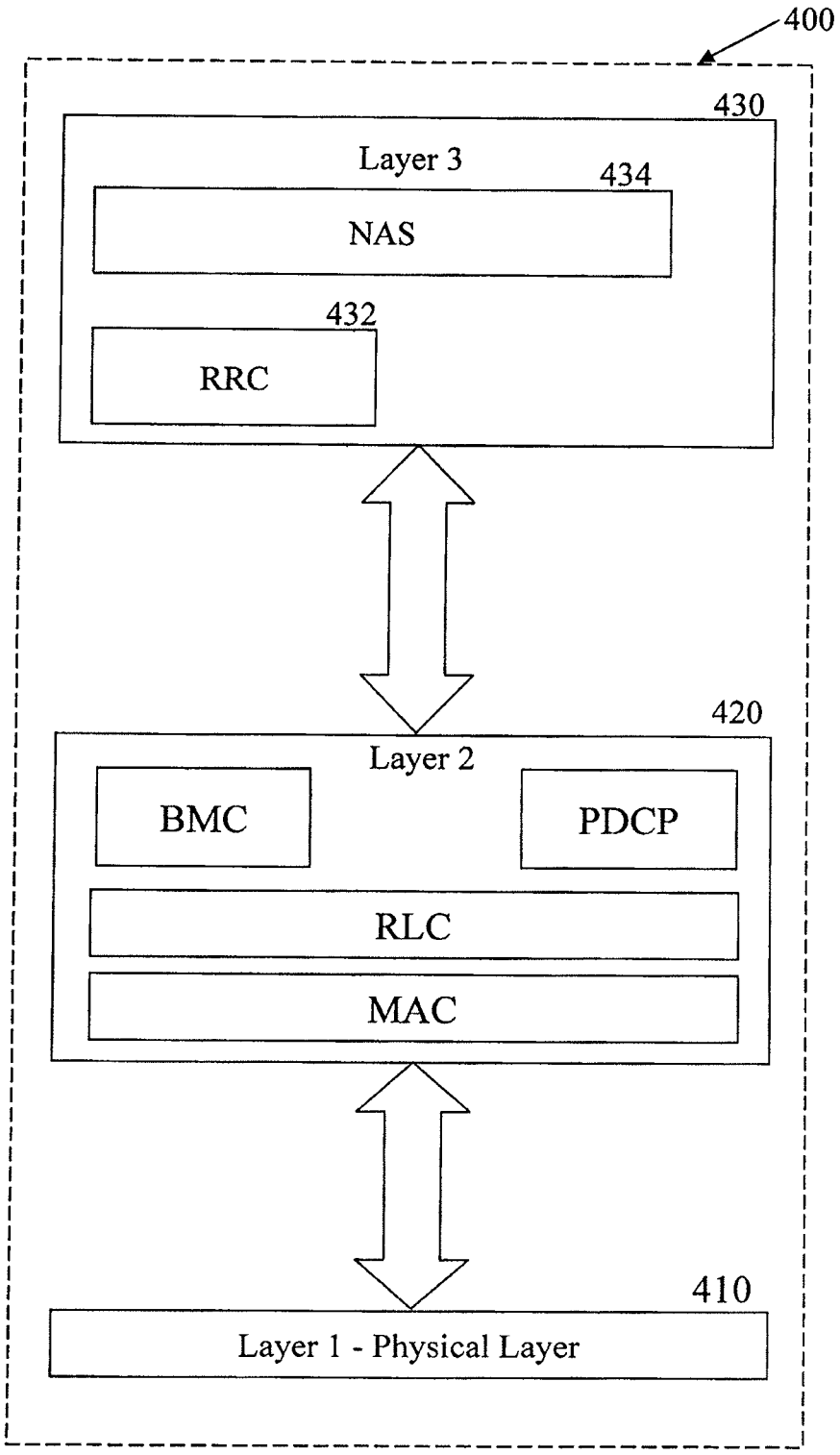

400
430
Layer 3
434
NAS
432
RRC
420
Layer 2
BMC
PDCP
RLC
MAC
410
Layer 1 - Physical Layer

Fig. 4

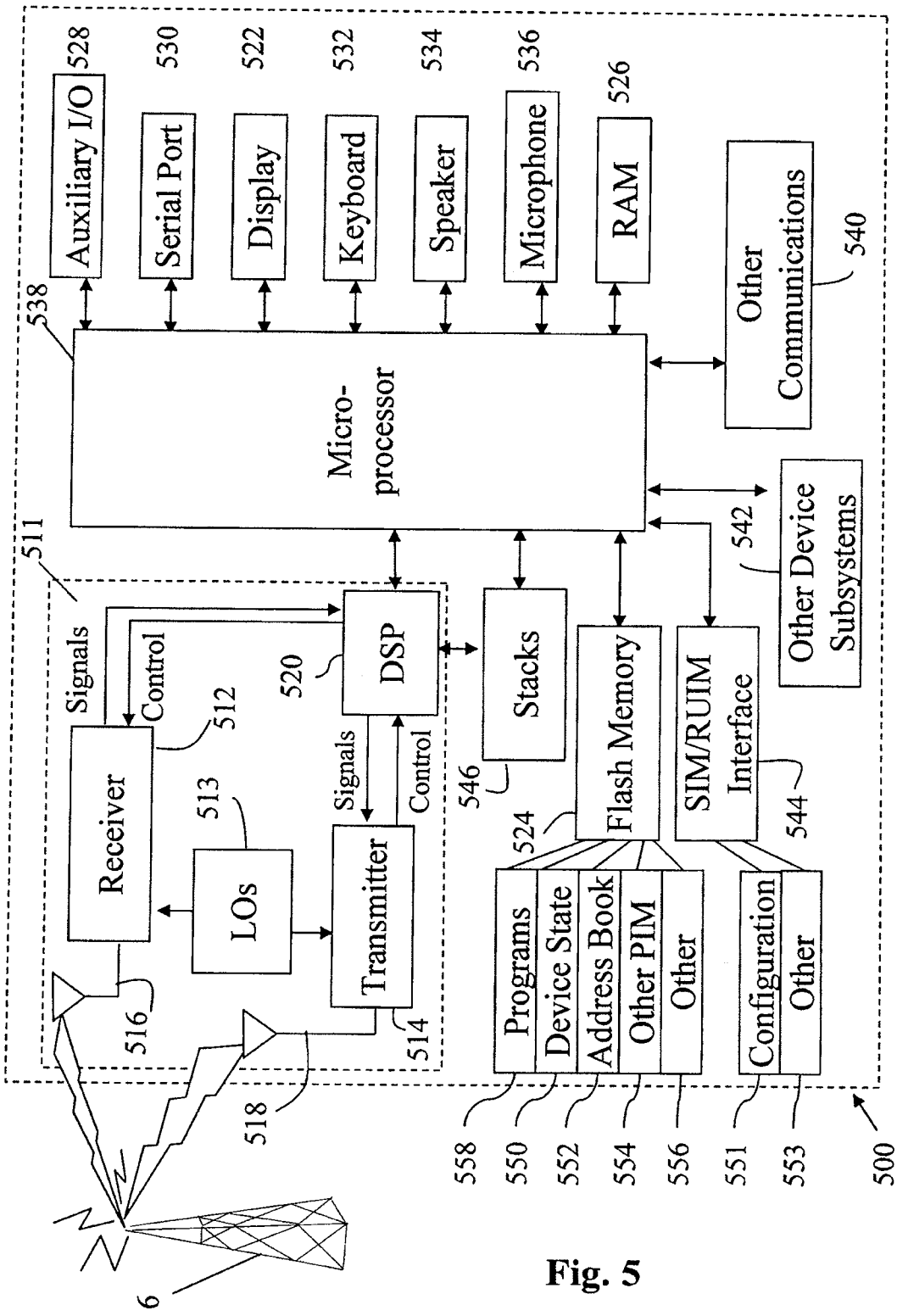

Auxiliary I/O
528
Serial Port
530
Display
522
Keyboard
532
Speaker
534
Microphone
536
RAM
526
Other Communications
540
538
Micro-processor
511
Signals
Control
Receiver
512
513
LOs
Transmitter
516
514
518
520
DSP
Signals
Control
Stacks
546
524
Flash Memory
SIM/RUIM Interface
544
542
Other Device Subsystems
Programs
Device State
Address Book
Other PIM
Other
Configuration
Other
558
550
552
554
556
551
553
500
6

Fig. 5