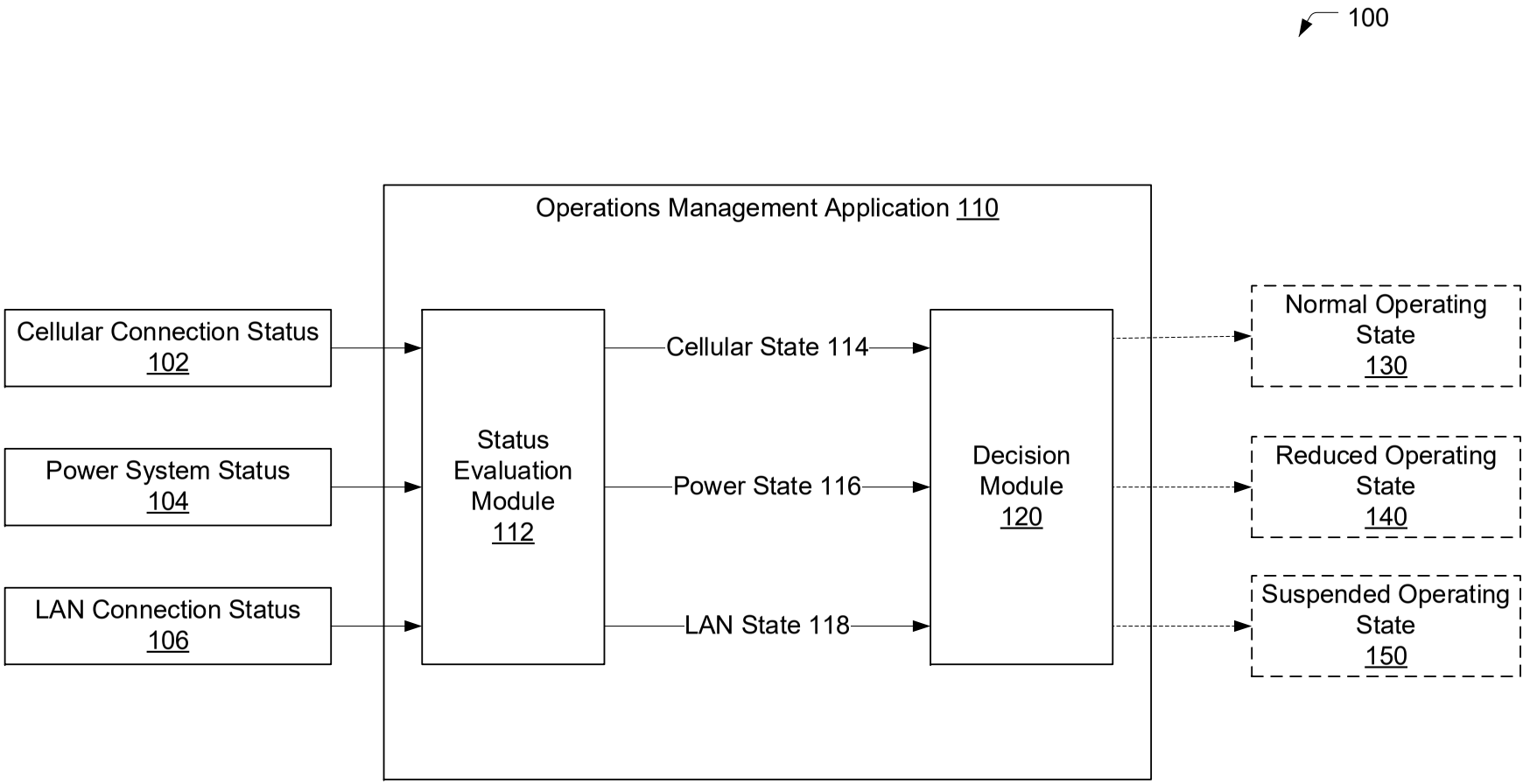

100
Operations Management Application 110
Cellular Connection Status
102
Power System Status
104
LAN Connection Status
106
Status
Evaluation
Module
112
Cellular State 114
Power State 116
LAN State 118
Decision
Module
120
Normal Operating
State
130
Reduced Operating
State
140
Suspended Operating
State
150

FIGURE 1

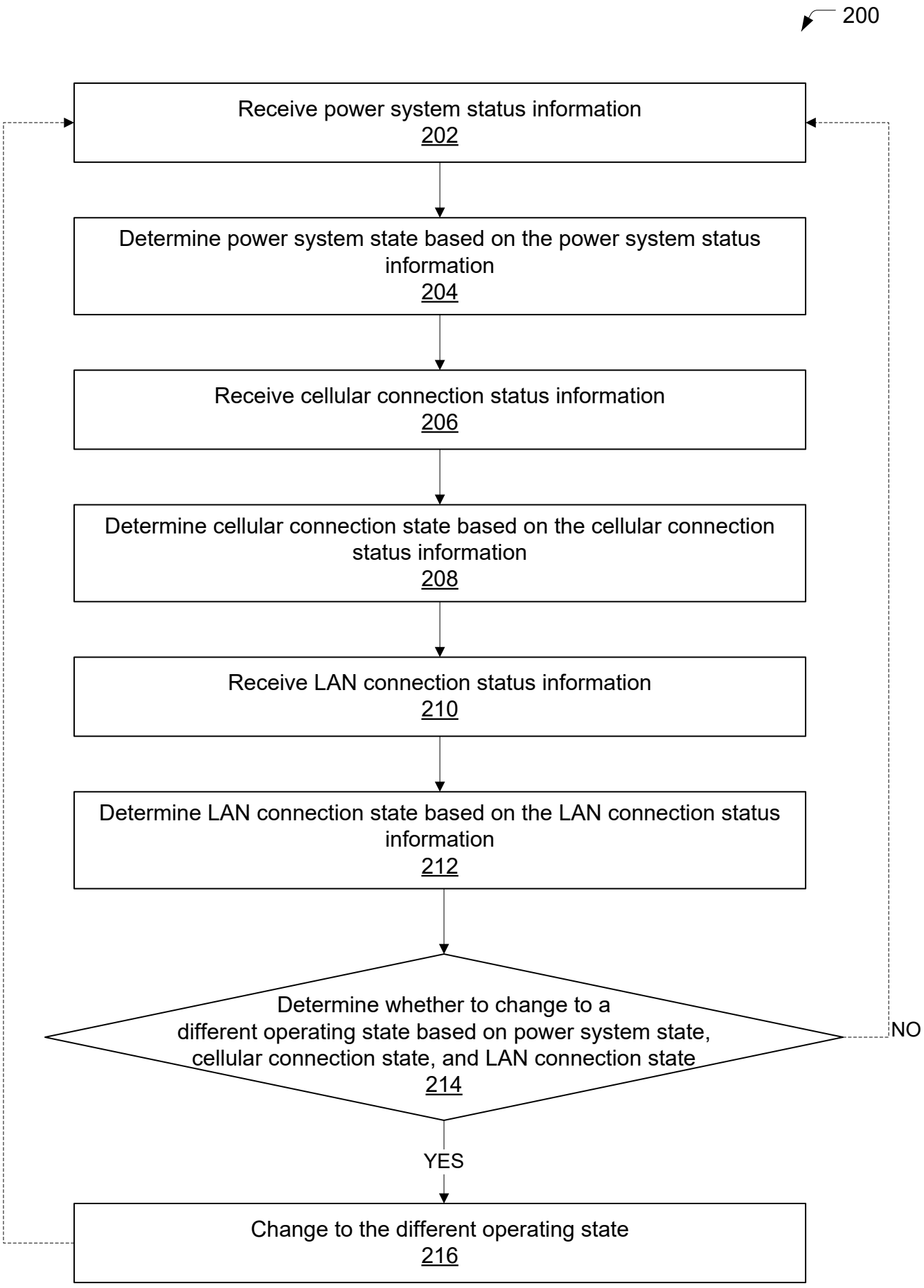

200
Receive power system status information
202
Determine power system state based on the power system status information
204
Receive cellular connection status information
206
Determine cellular connection state based on the cellular connection status information
208
Receive LAN connection status information
210
Determine LAN connection state based on the LAN connection status information
212
Determine whether to change to a different operating state based on power system state, cellular connection state, and LAN connection state
214
NO
YES
Change to the different operating state
216

FIGURE 2

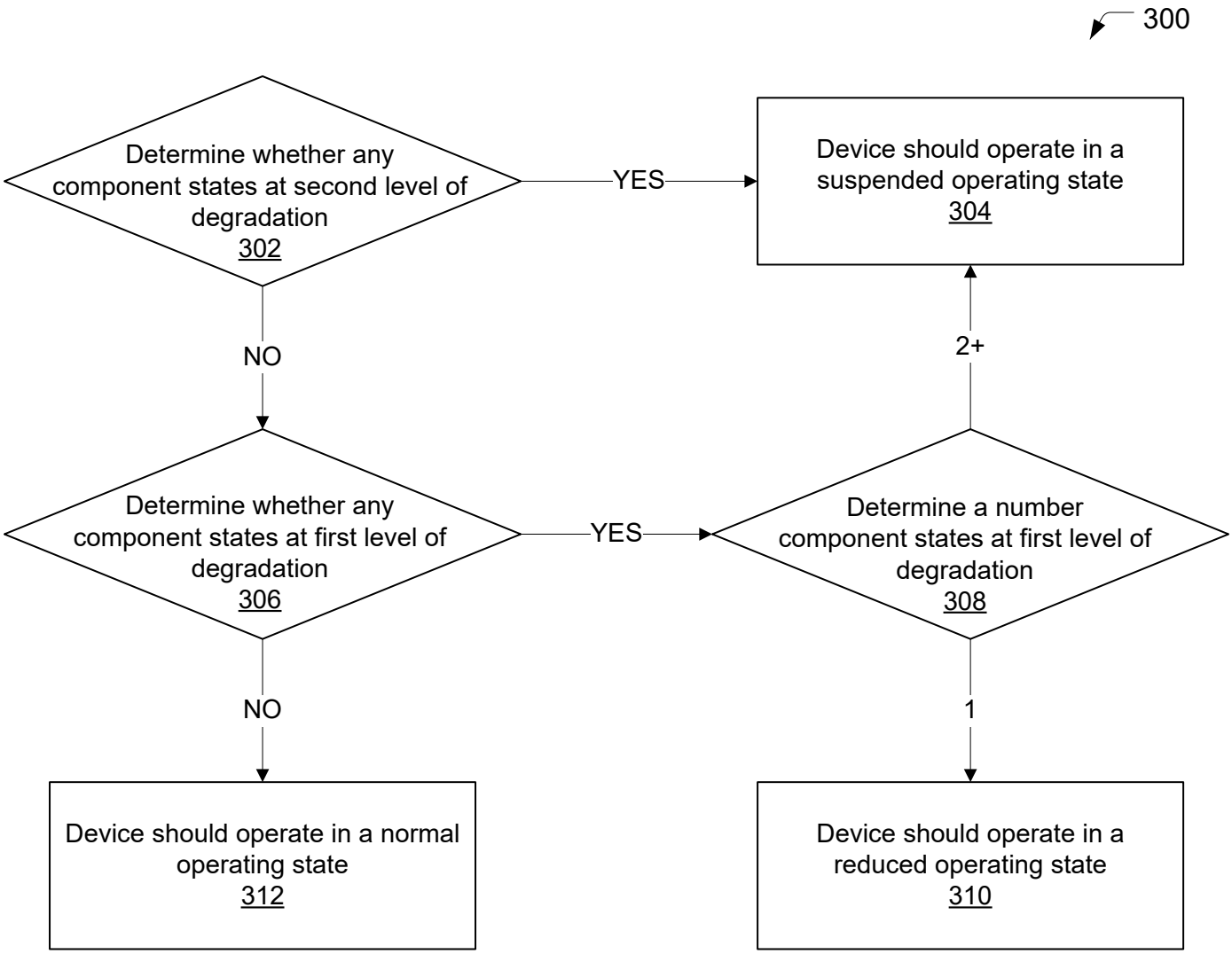

300
Determine whether any component states at second level of degradation
302
YES
Device should operate in a suspended operating state
304
NO
2+
Determine whether any component states at first level of degradation
306
YES
Determine a number component states at first level of degradation
308
NO
1
Device should operate in a normal operating state
312
Device should operate in a reduced operating state
310

FIGURE 3

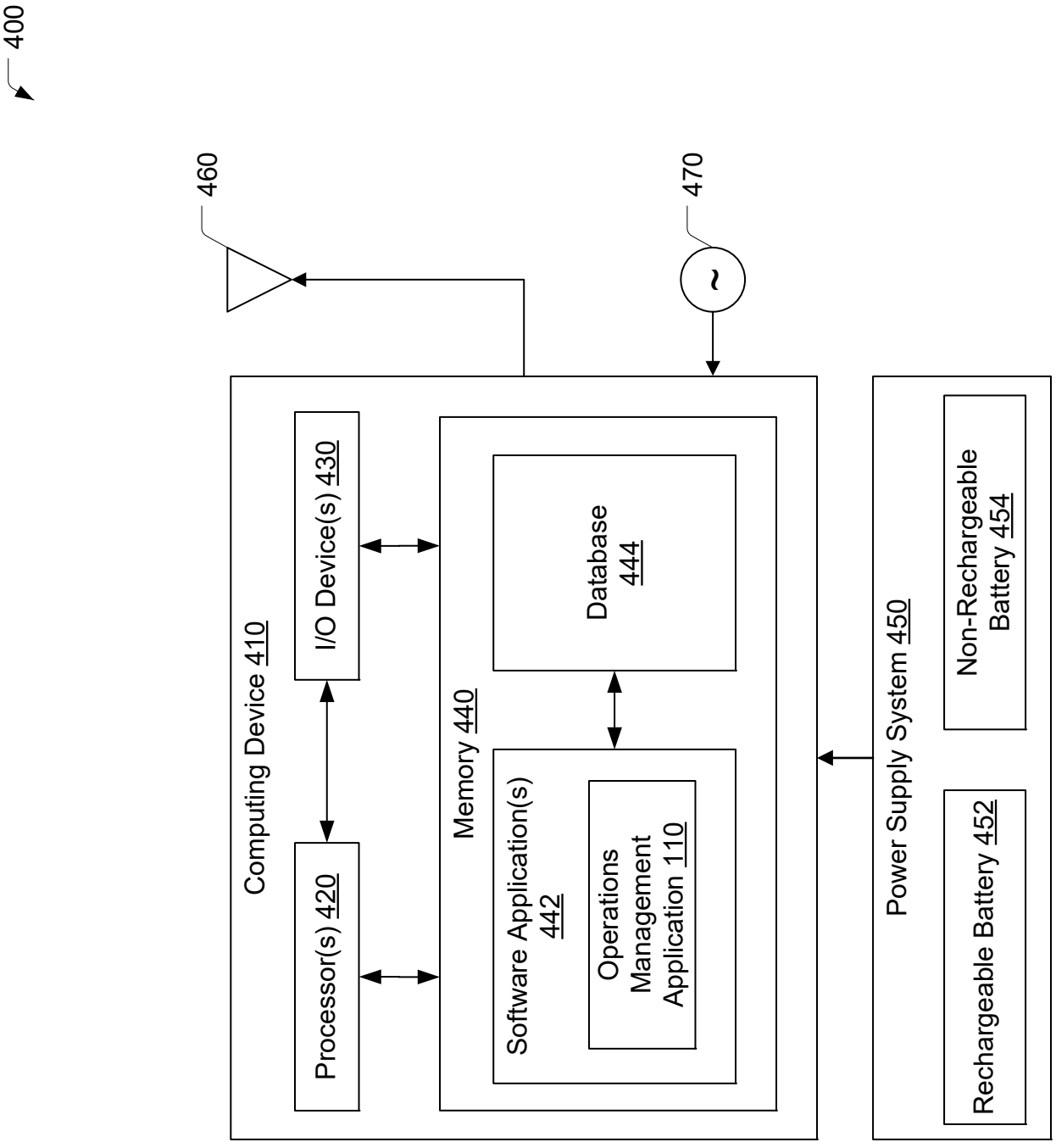

400
460
470
Computing Device 410
I/O Device(s) 430
Processor(s) 420
Memory 440
Database 444
Software Application(s) 442
Operations Management Application 110
Power Supply System 450
Non-Rechargeable Battery 454
Rechargeable Battery 452

FIGURE 4

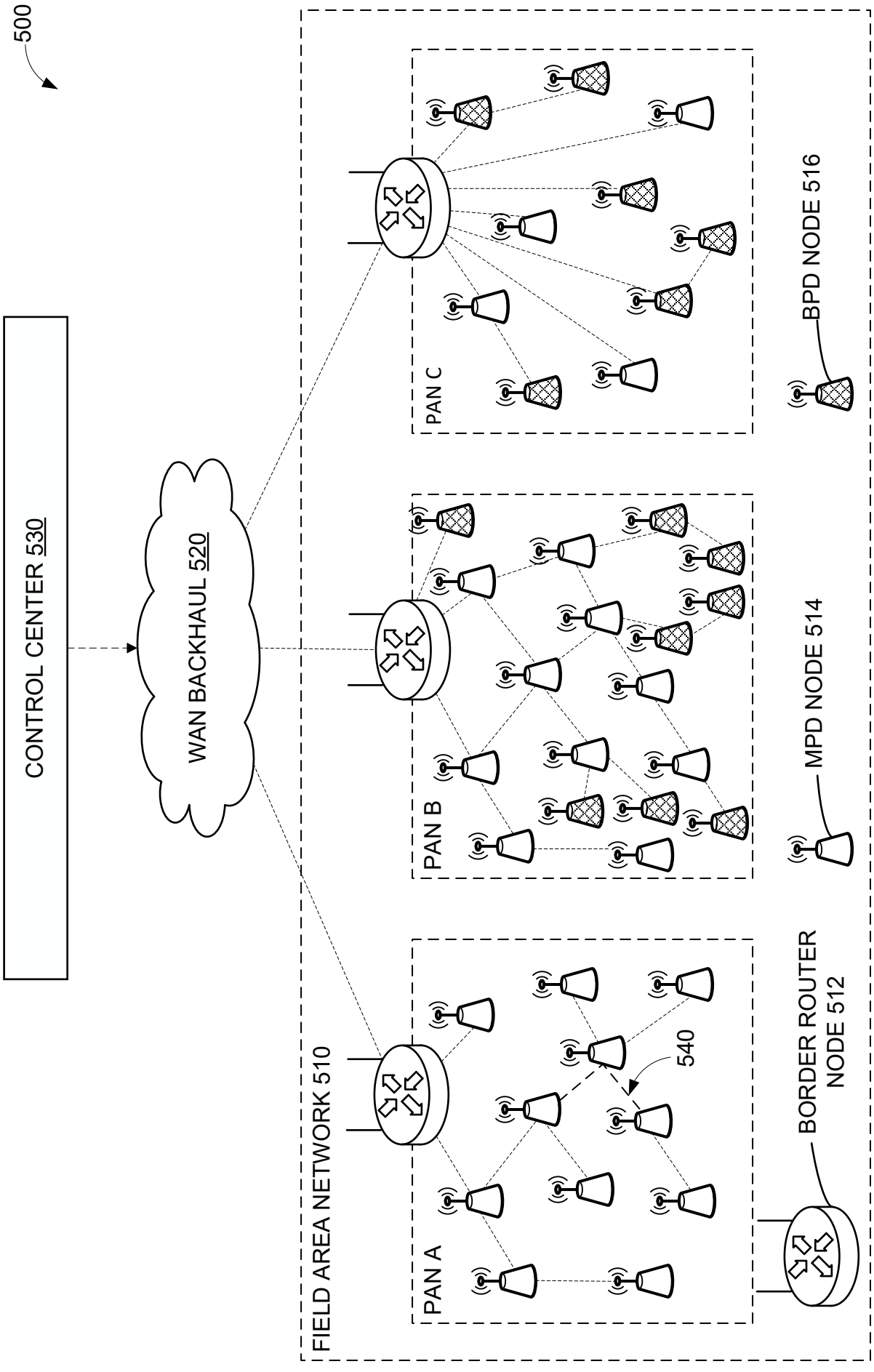

500
CONTROL CENTER 530
WAN BACKHAUL 520
FIELD AREA NETWORK 510
PAN A
PAN B
PAN C
540
BORDER ROUTER NODE 512
MPD NODE 514
BPD NODE 516

FIGURE 5