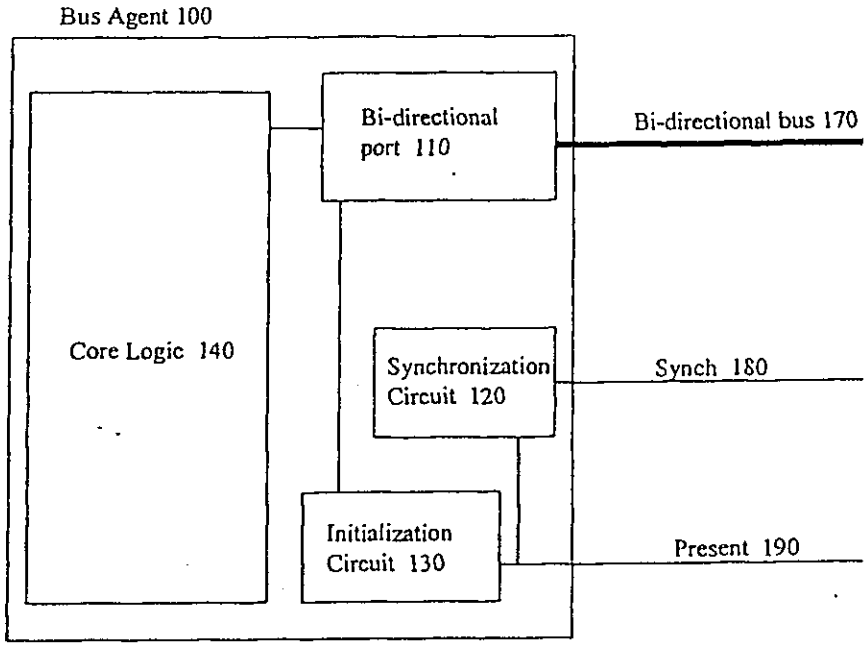

Bus Agent 100
Bi-directional port 110
Bi-directional bus 170
Core Logic 140
Synchronization Circuit 120
Synch 180
Initialization Circuit 130
Present 190

Figure 1

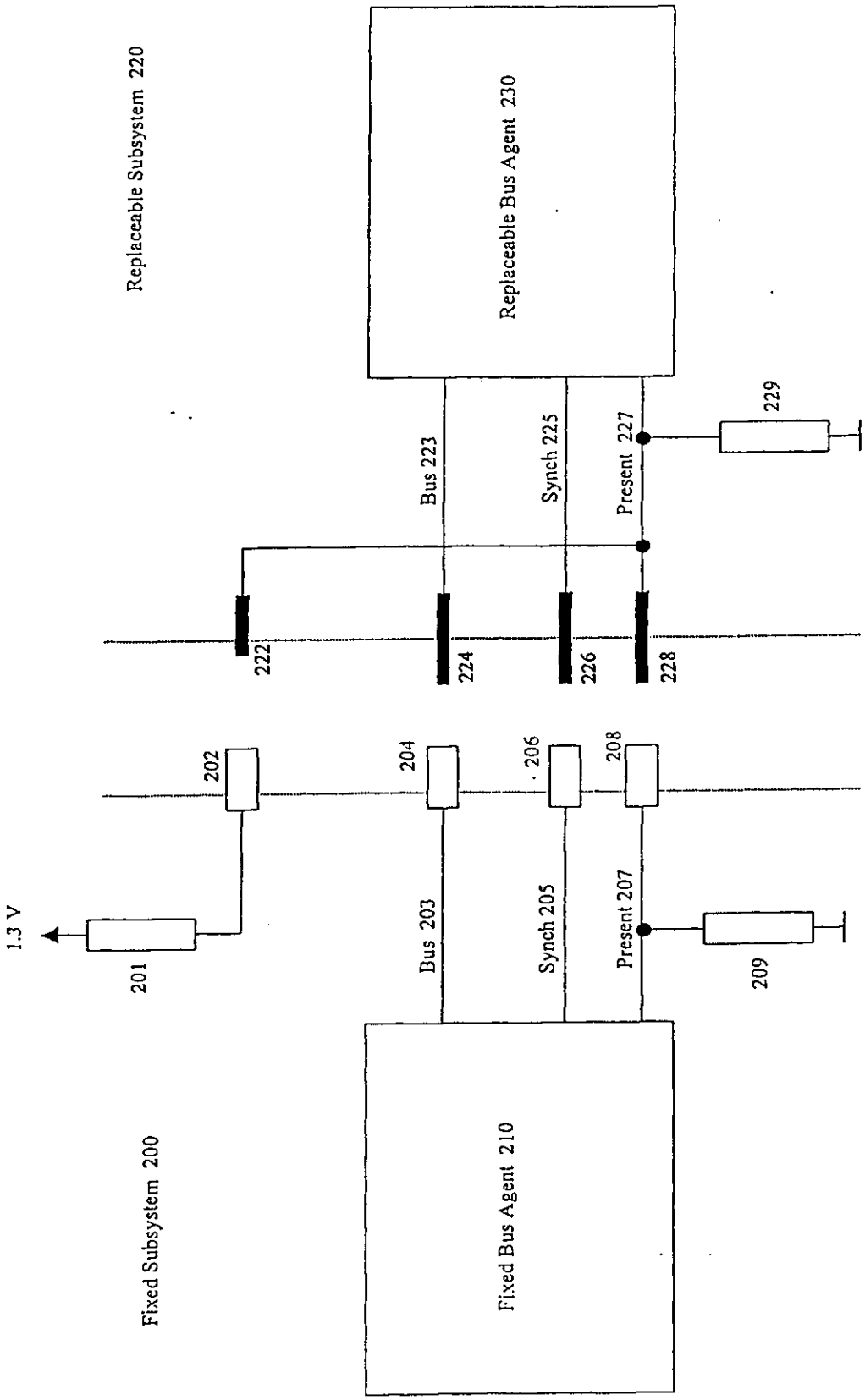

Replaceable Subsystem 220
Replaceable Bus Agent 230
Bus 223
Synch 225
Present 227
229
222
224
226
228
202
204
206
208
1.3 V
201
Bus 203
Synch 205
Present 207
209
Fixed Subsystem 200
Fixed Bus Agent 210

Figure 2

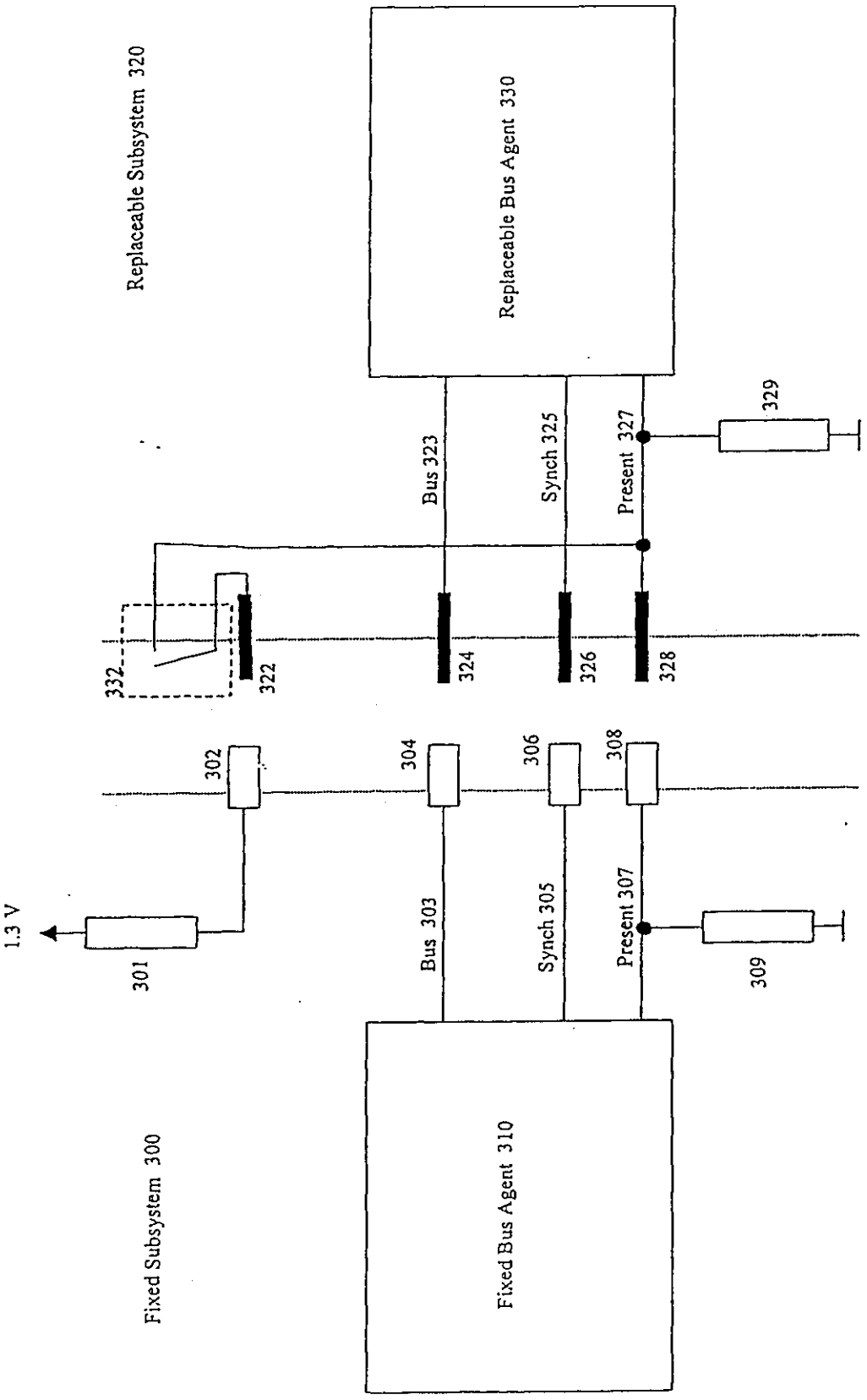

Replaceable Subsystem 320
Replaceable Bus Agent 330
Bus 323
Synch 325
Present 327
329
332
322
324
326
328
302
304
306
308
1.3 V
301
Bus 303
Synch 305
Present 307
309
Fixed Subsystem 300
Fixed Bus Agent 310

Figure 3

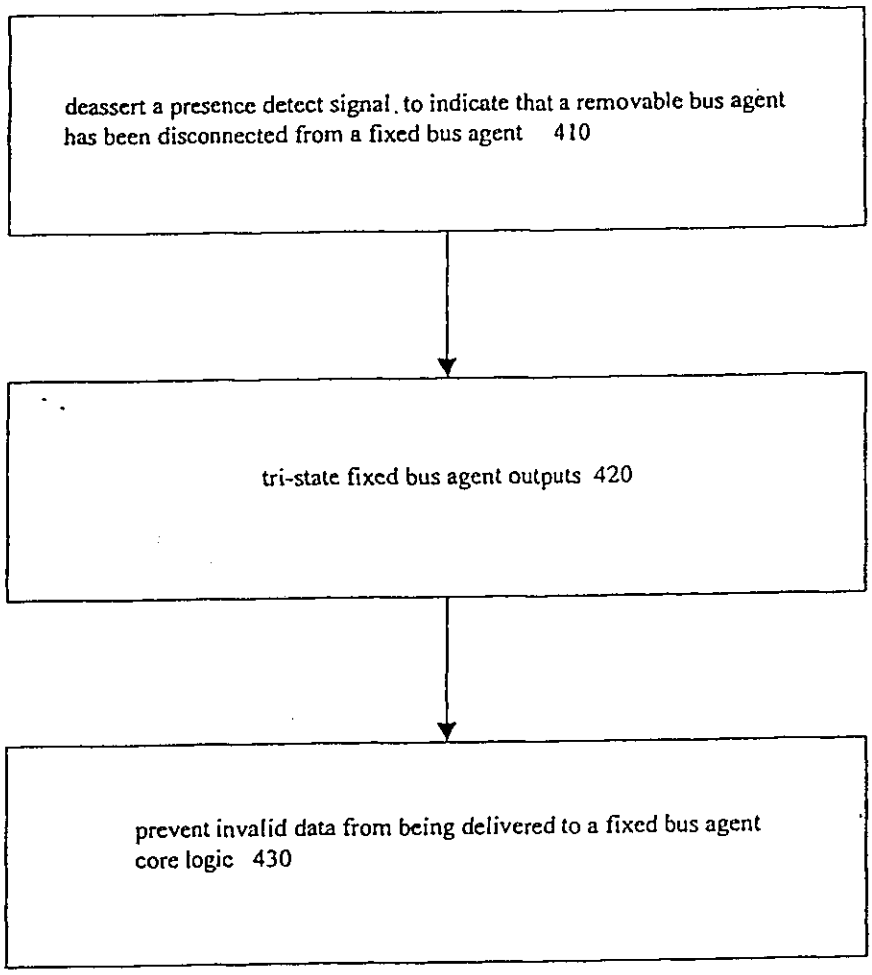

deassert a presence detect signal, to indicate that a removable bus agent has been disconnected from a fixed bus agent 410
tri-state fixed bus agent outputs 420
prevent invalid data from being delivered to a fixed bus agent core logic 430

Figure 4

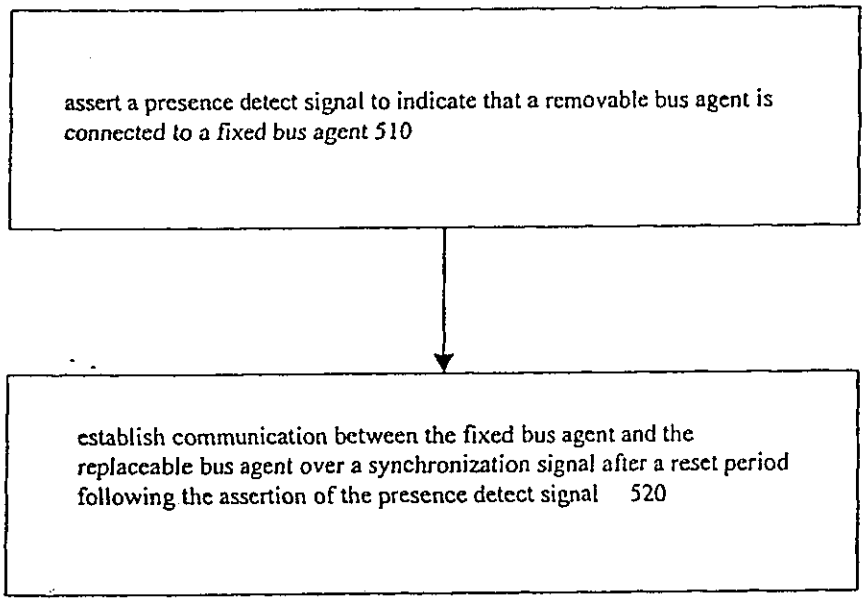

assert a presence detect signal to indicate that a removable bus agent is connected to a fixed bus agent 510
establish communication between the fixed bus agent and the replaceable bus agent over a synchronization signal after a reset period following the assertion of the presence detect signal 520

Figure 5