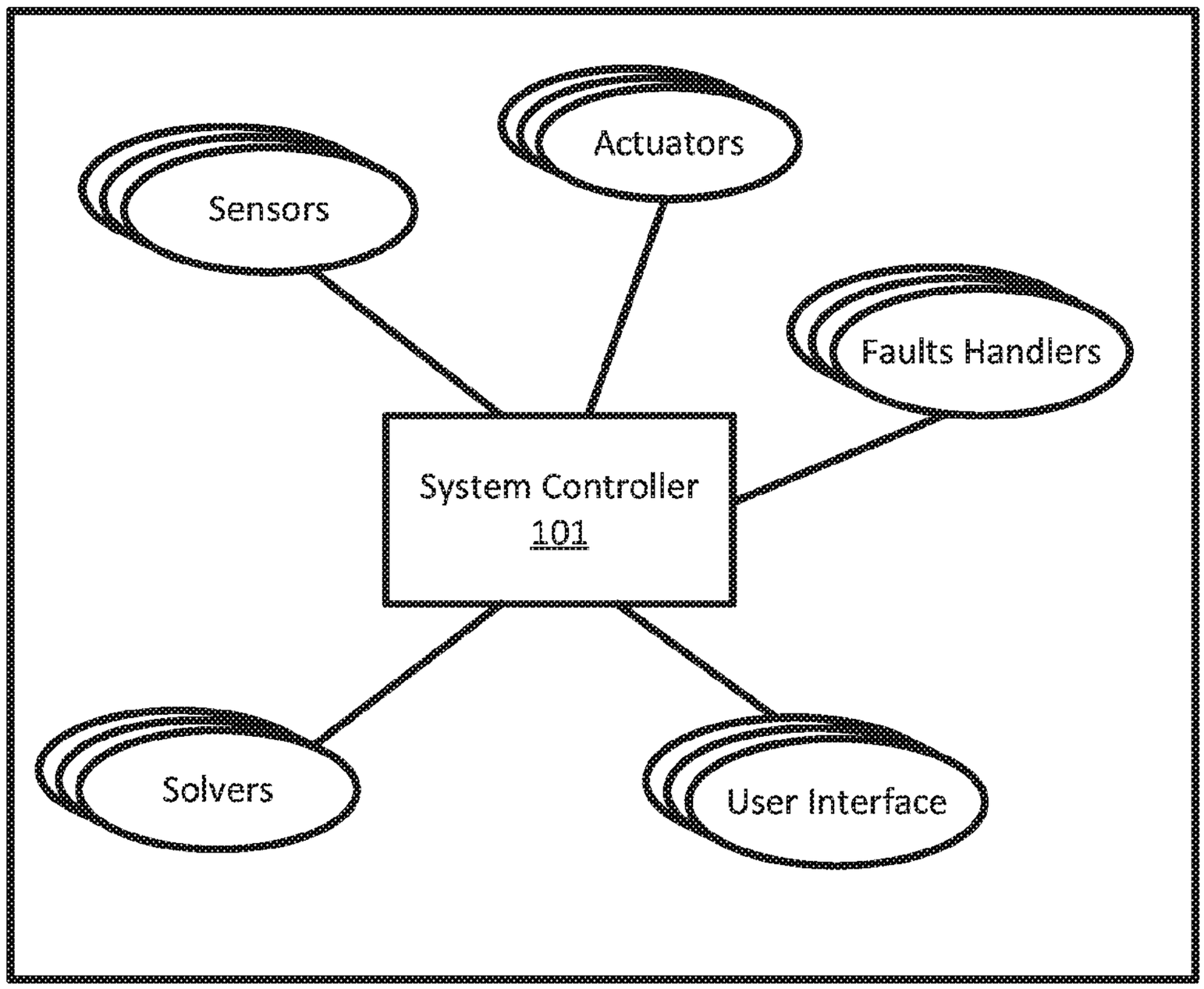


Figure 1A

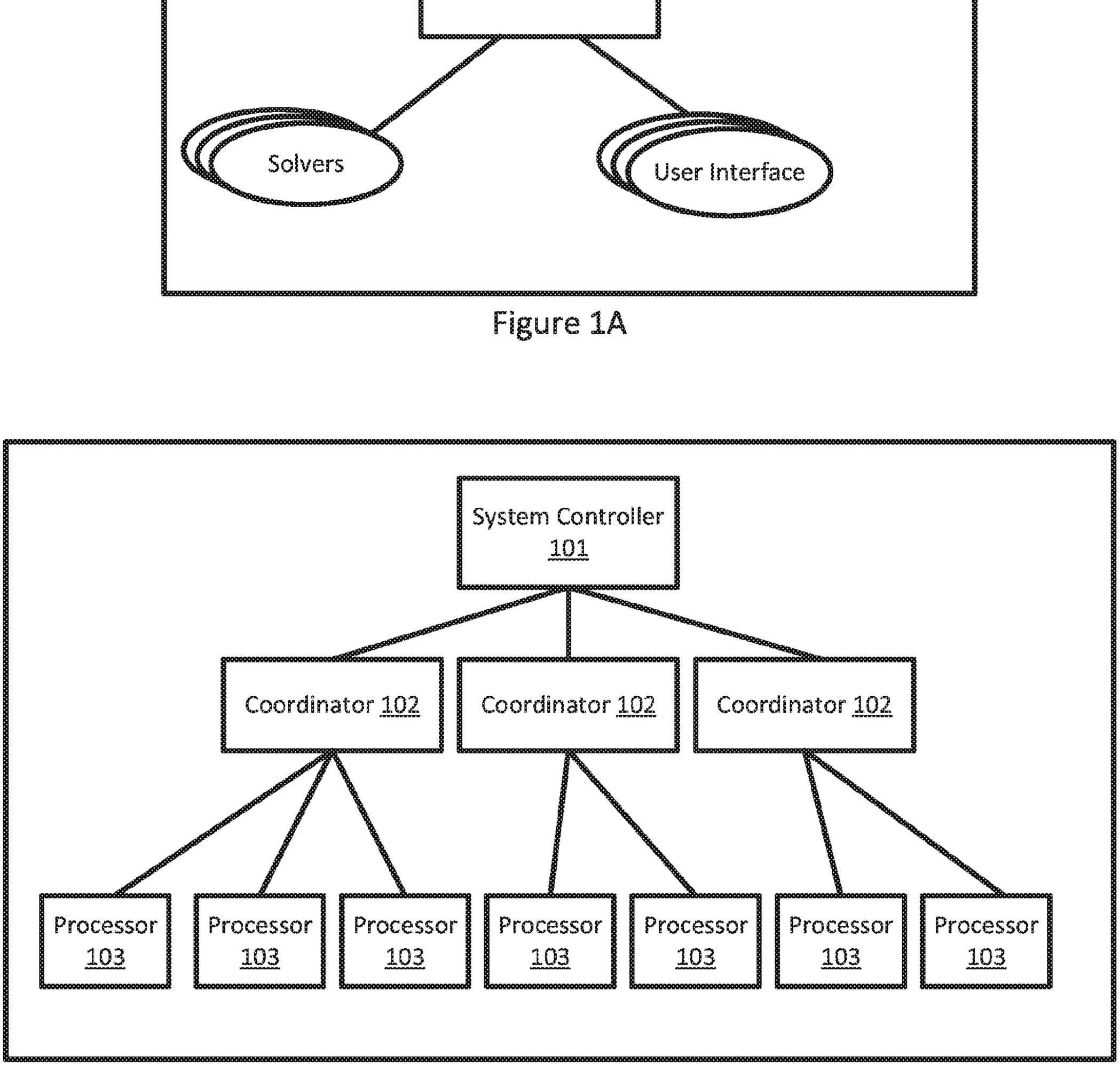


Figure 1B

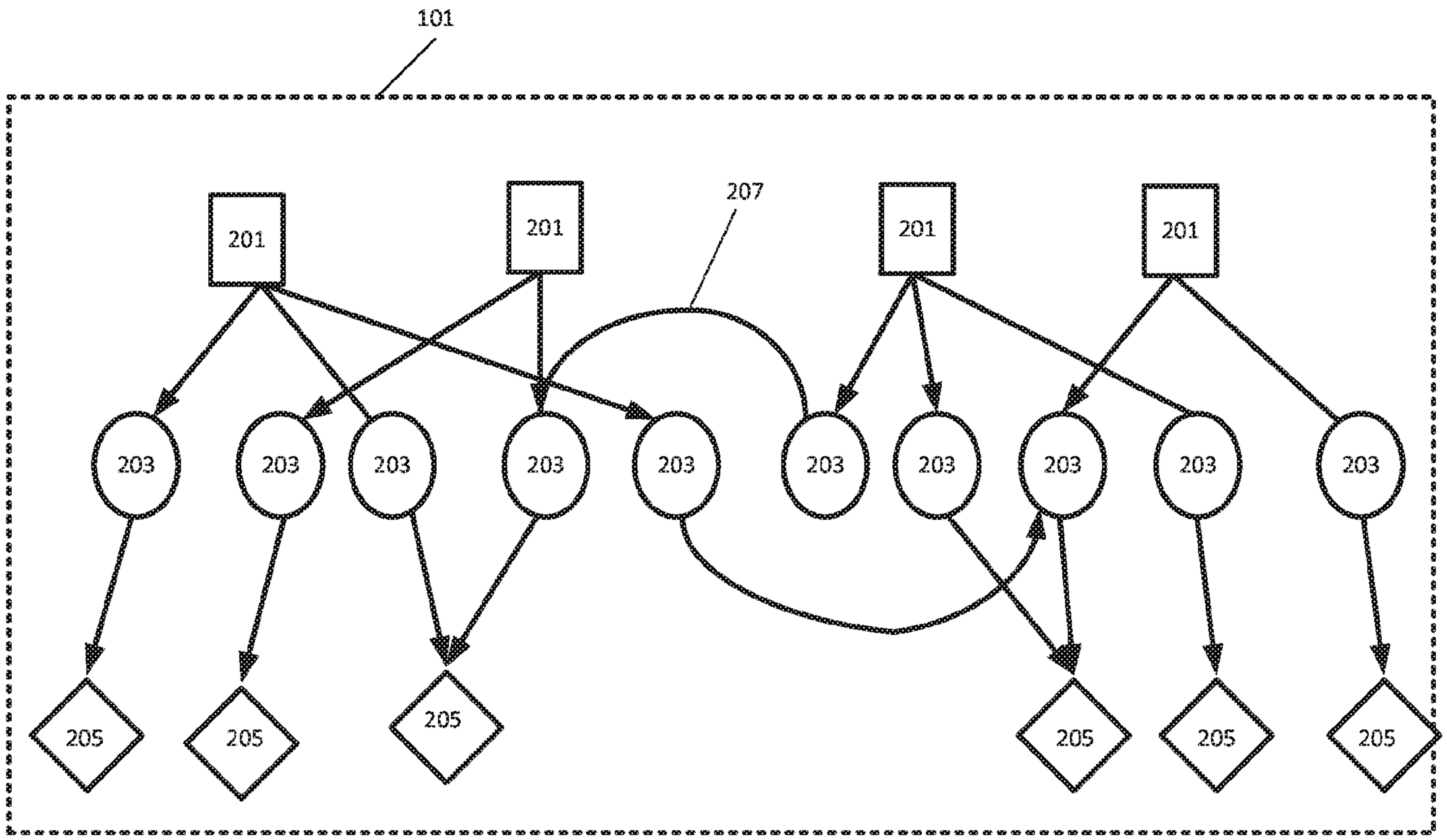

101
201
201
207
201
201
203
203
203
203
203
203
203
203
203
203
205
205
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205
205

Figure 2

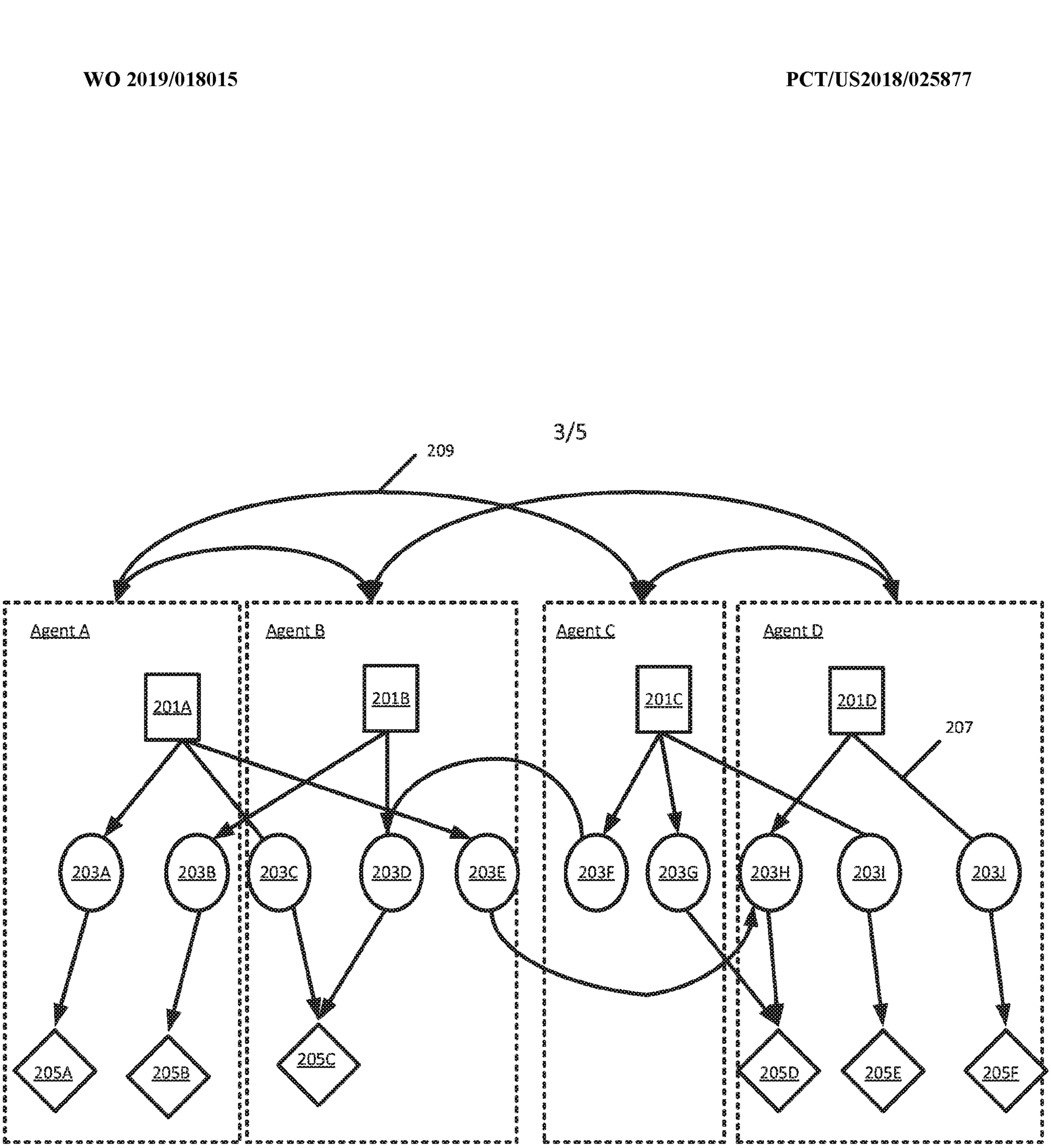

209
Agent A
Agent B
Agent C
Agent D
201A
201B
201C
201D
207
203A
203B
203C
203D
203E
203F
203G
203H
203I
203J
205A
205B
205C
205D
205E
205F

Figure 3

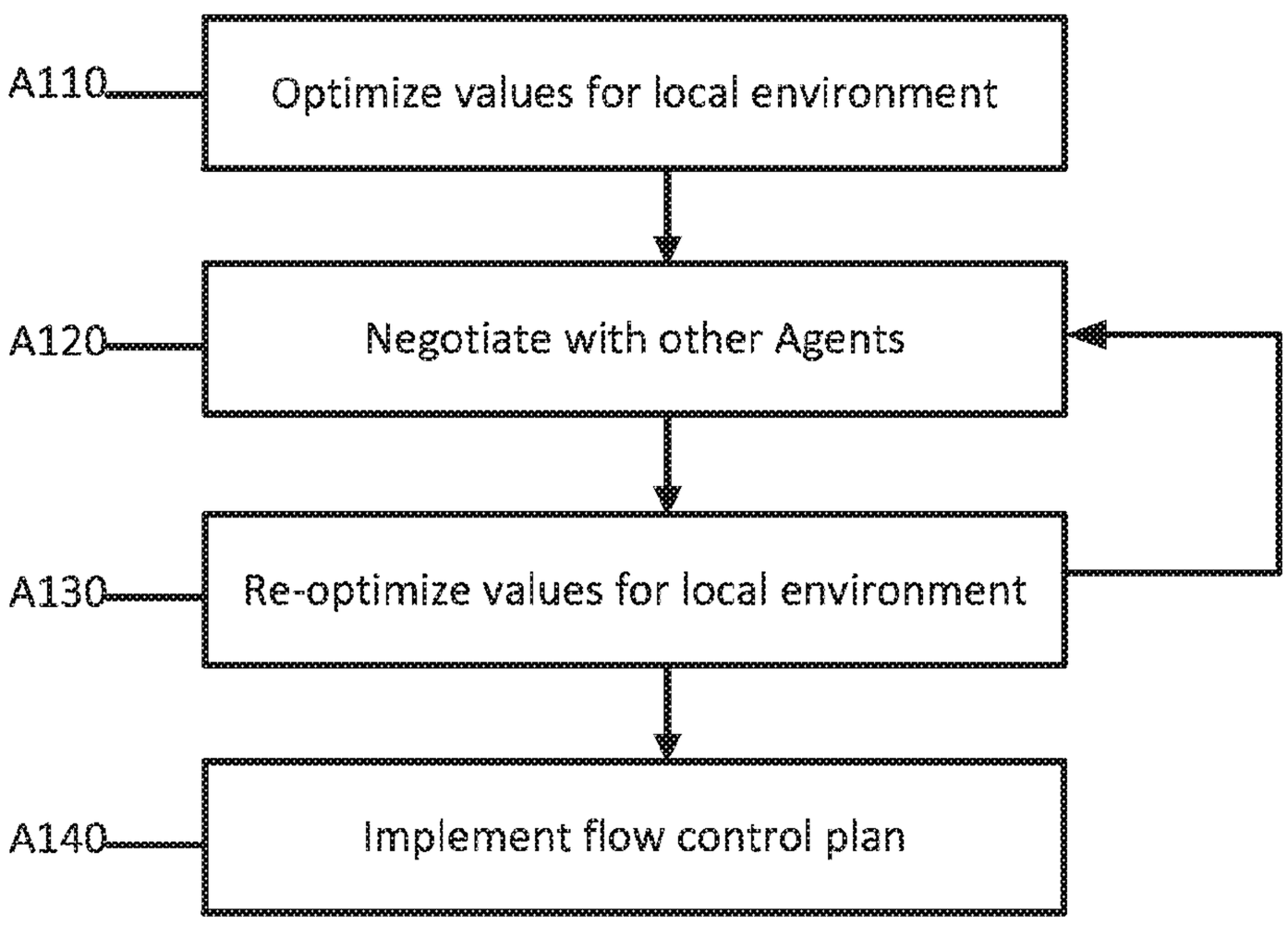

A110
Optimize values for local environment
A120
Negotiate with other Agents
A130
Re-optimize values for local environment
A140
Implement flow control plan

Figure 4

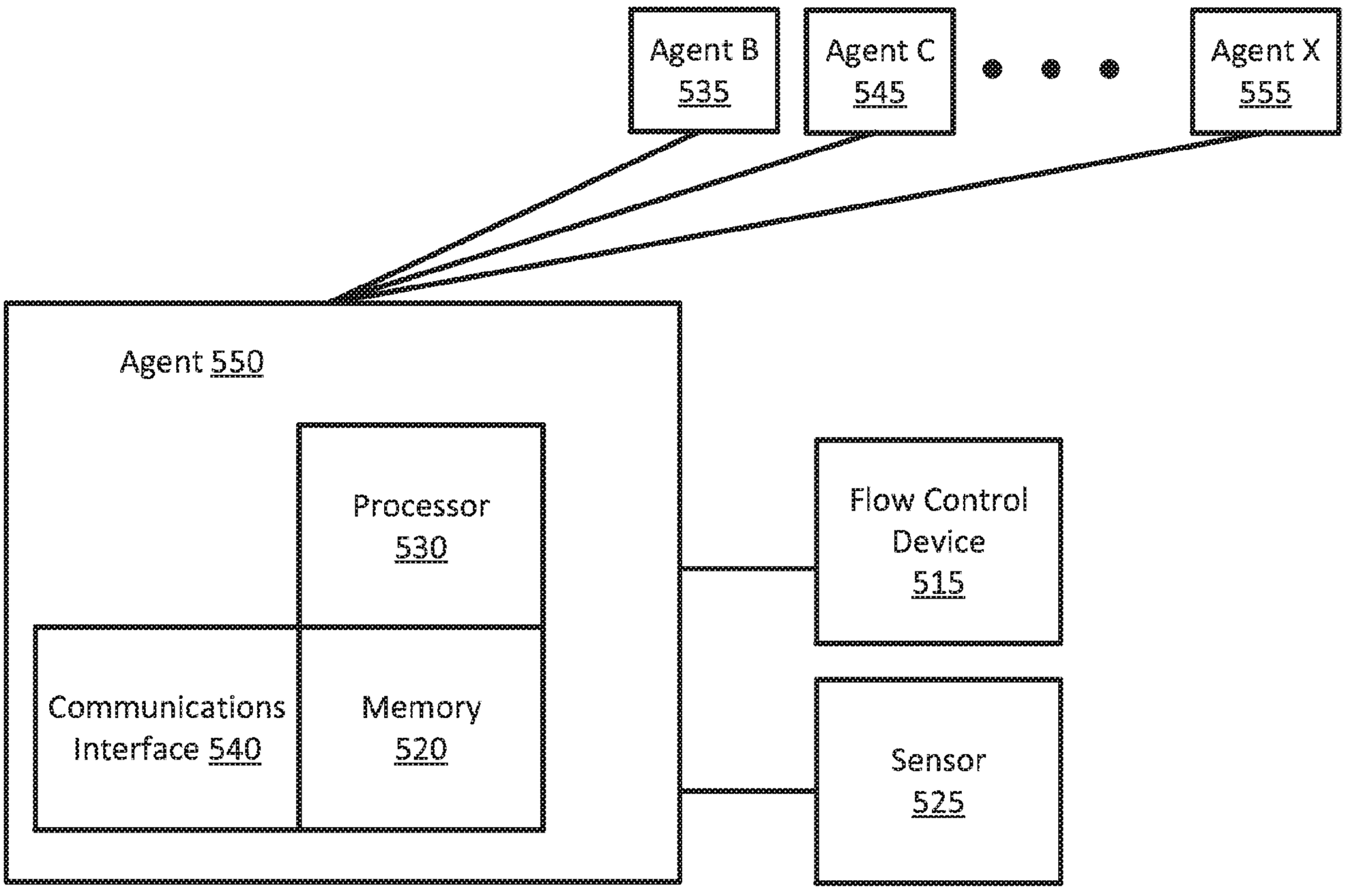

Agent B
535
Agent C
545
Agent X
555
Agent 550
Processor
530
Communications
Interface 540
Memory
520
Flow Control
Device
515
Sensor
525

Figure 5