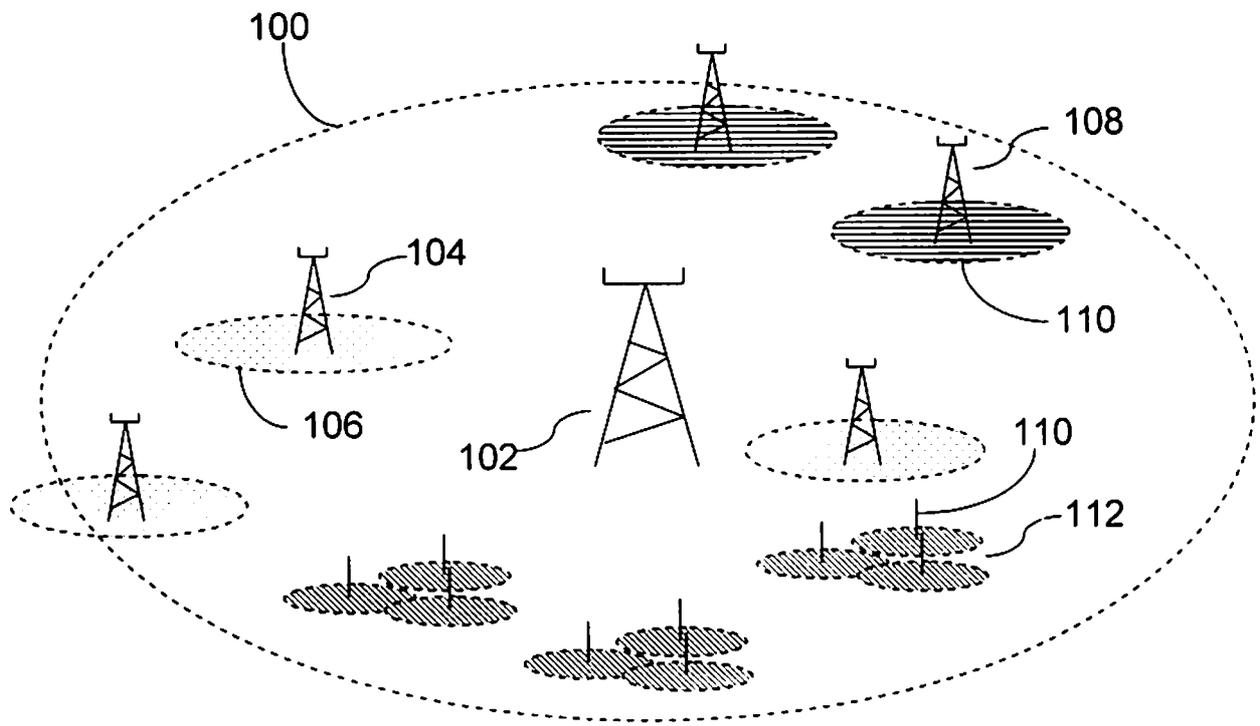


 High traffic area/Hot Spot

Figure 1a (prior art)



 Macro cell

 Femto cell

 Pico cell

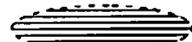
 Relay

Figure 1b (prior art)

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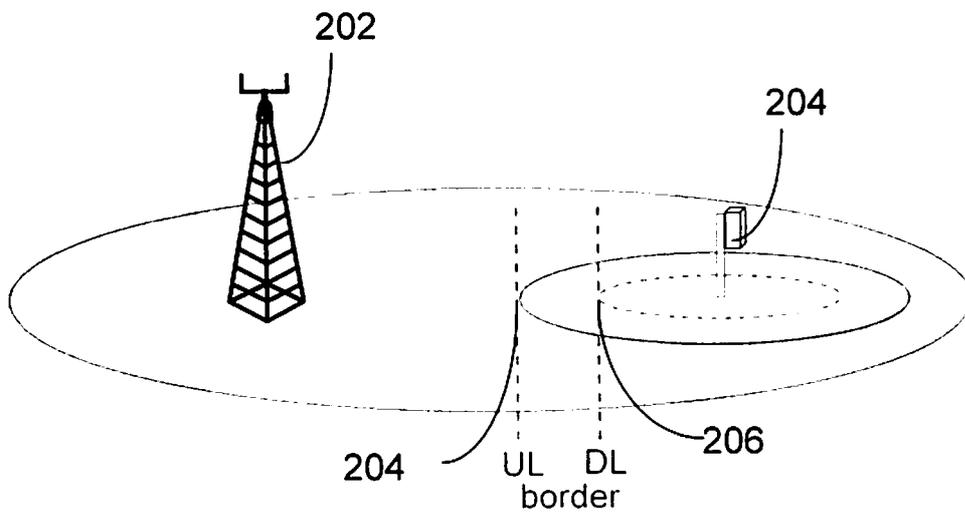


Figure 2 (prior art)

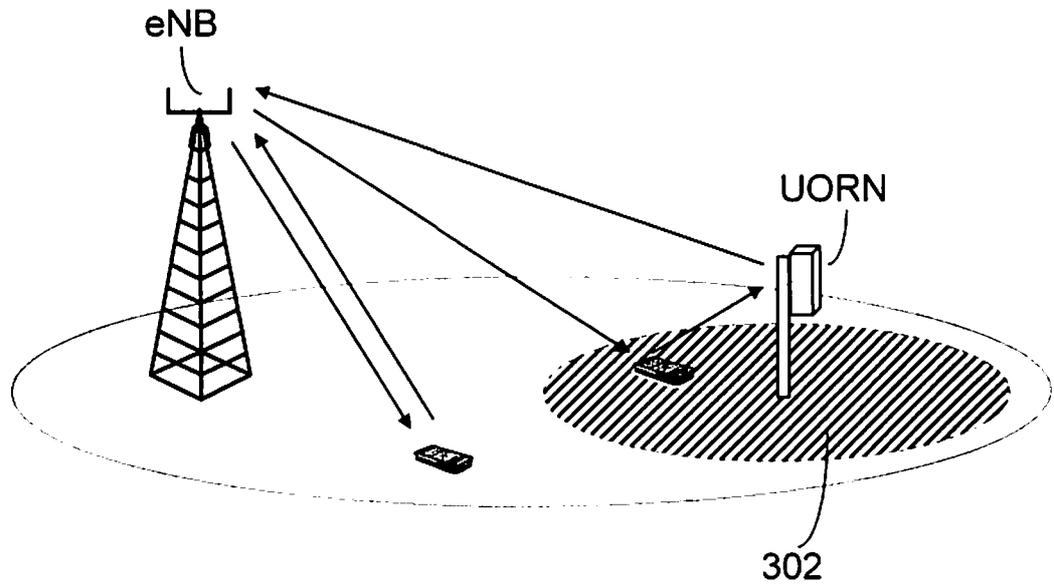
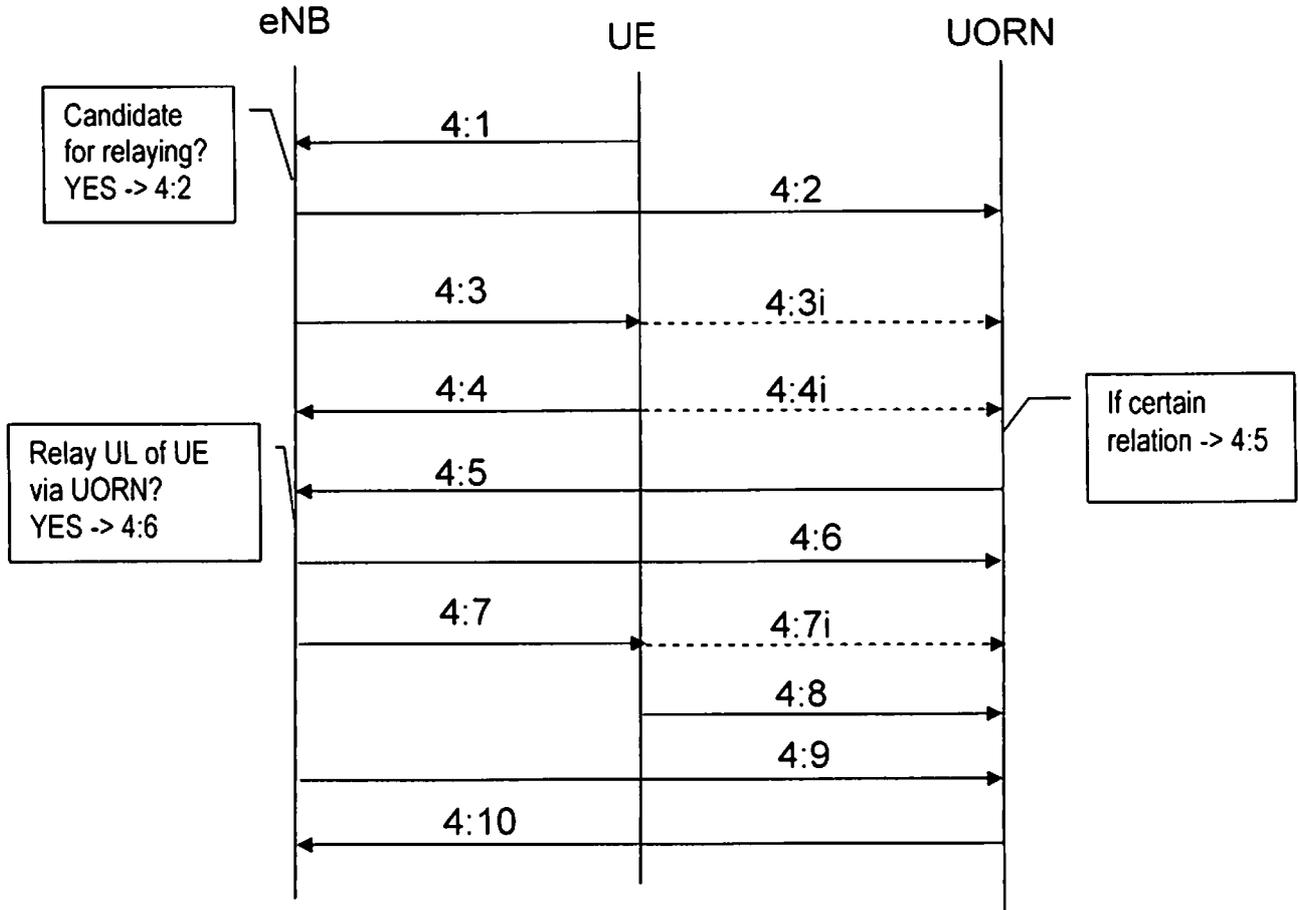


Figure 3

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- 4:1 : RSRP report
- 4:2 : Indication of UE to monitor
- 4:3 : Grant for UL transmission
- 4:4 : UL transmission
- 4:5 : Indication of certain relation concerning direct and relayed UL communication
- 4:6 : Indication of UE to be relayed
- 4:7 : Grant for UL transmission comprising LA for relaying
- 4:8 : UL transmission
- 4:9 : Grant for UL transmission
- 4:10: Relayed UL transmission (4:8)

i= intercepted

Figure 4

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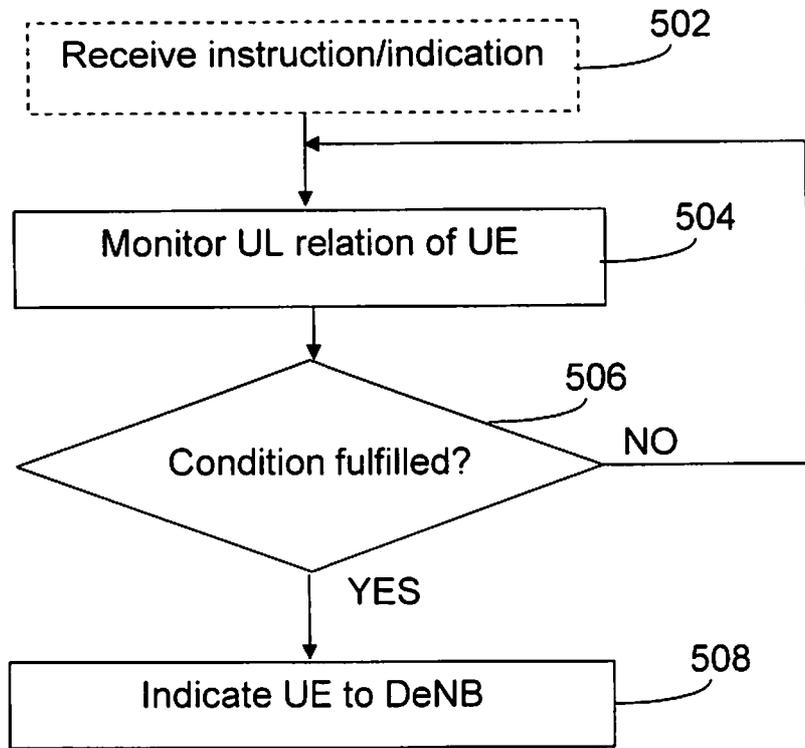


Figure 5a

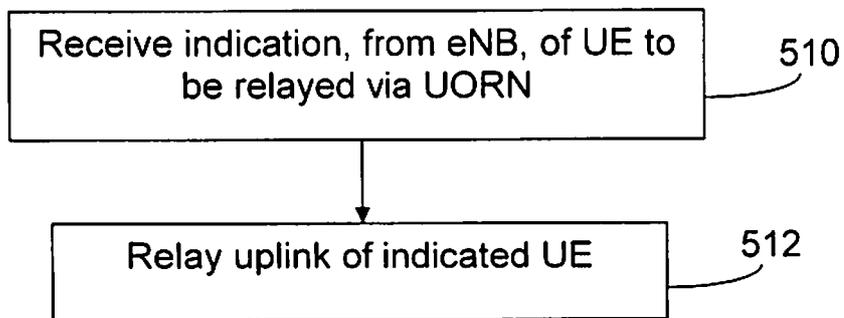


Figure 5b

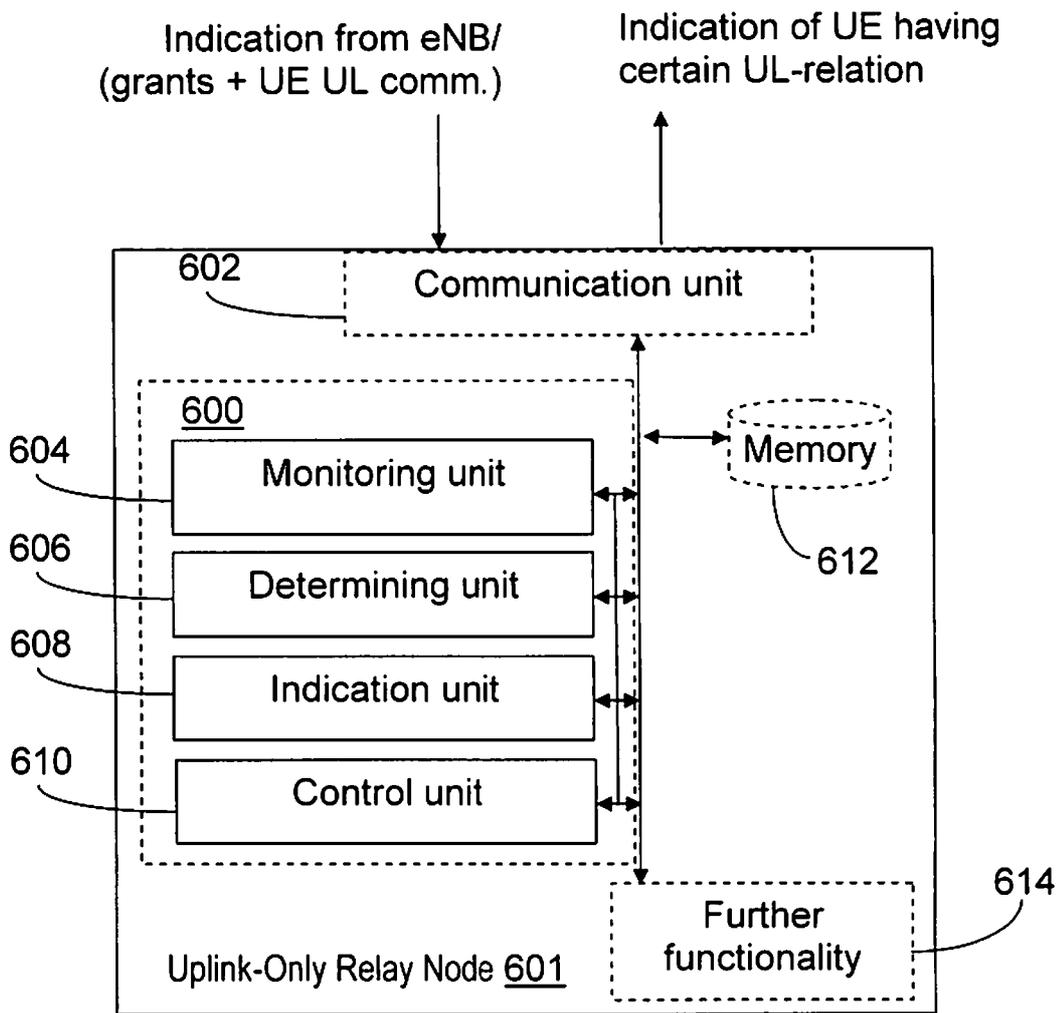


Figure 6

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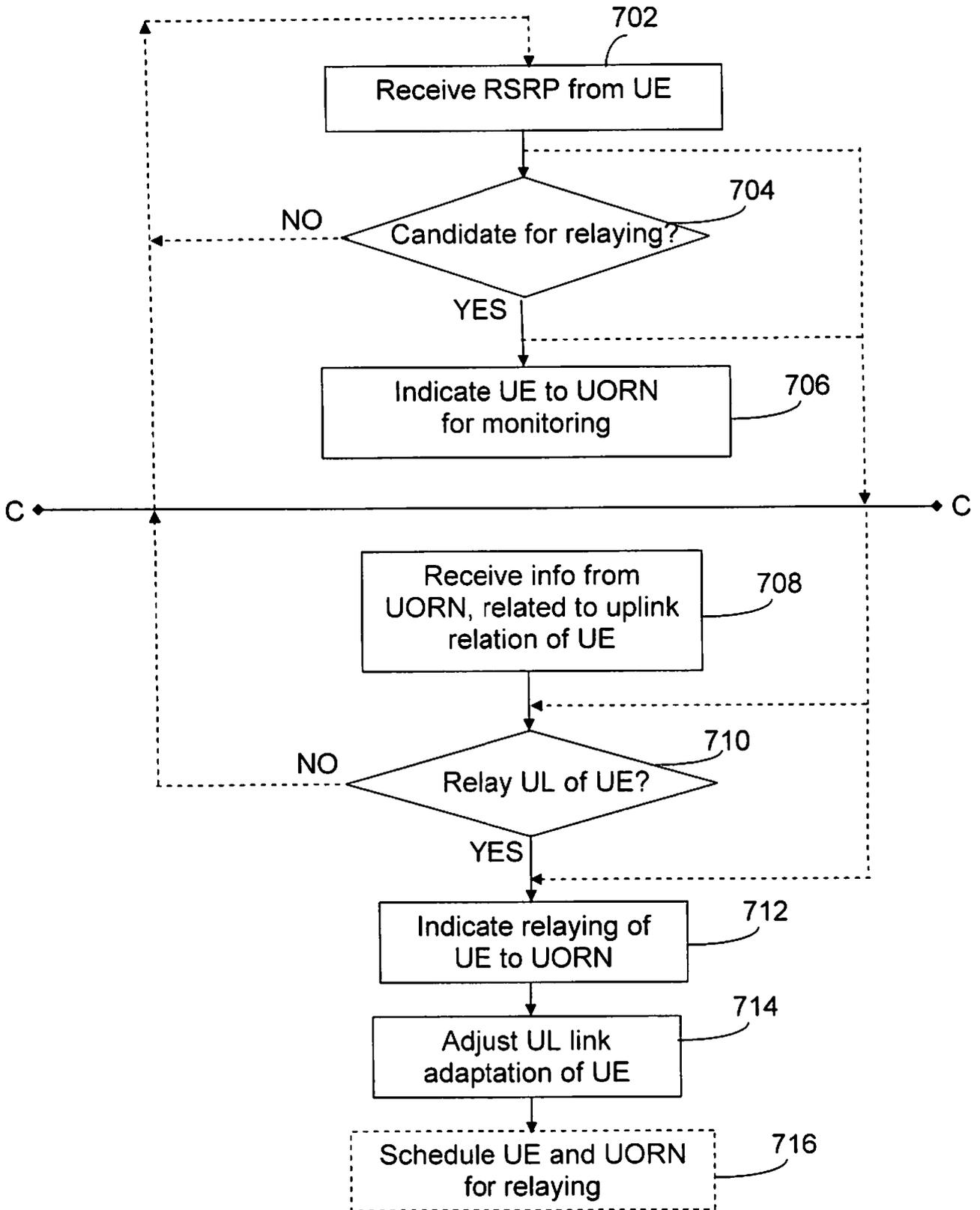


Figure 7

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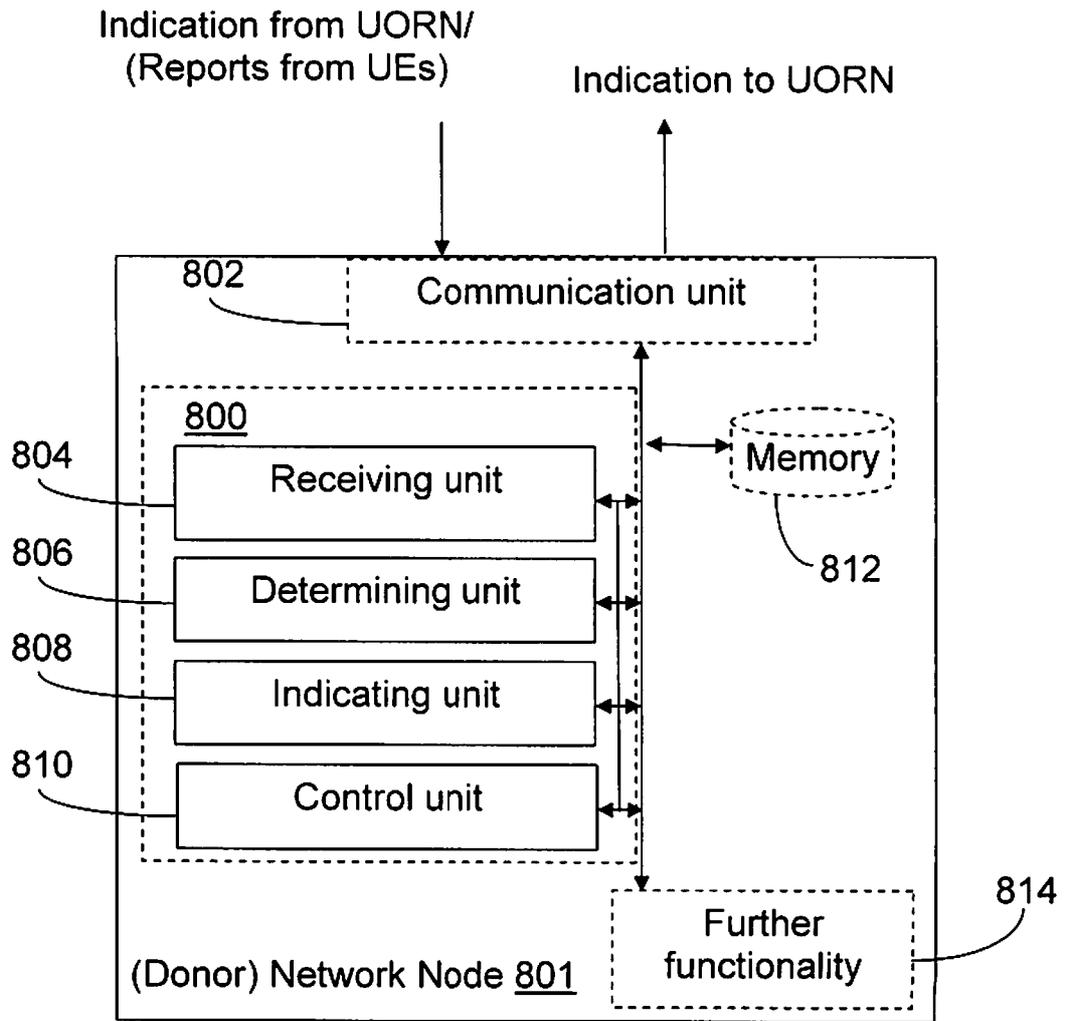


Figure 8

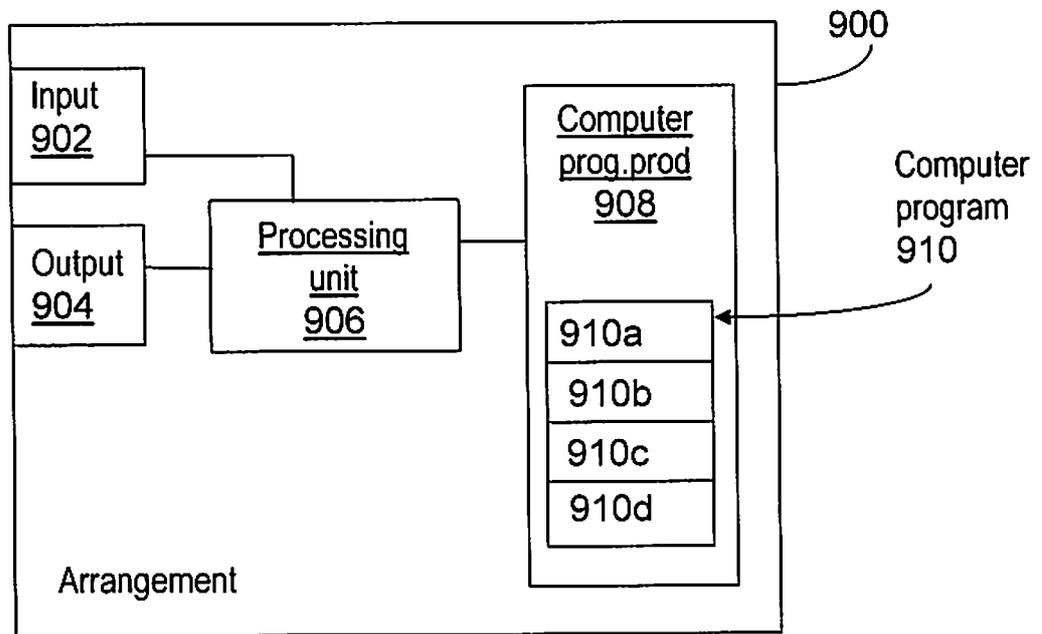


Figure 9