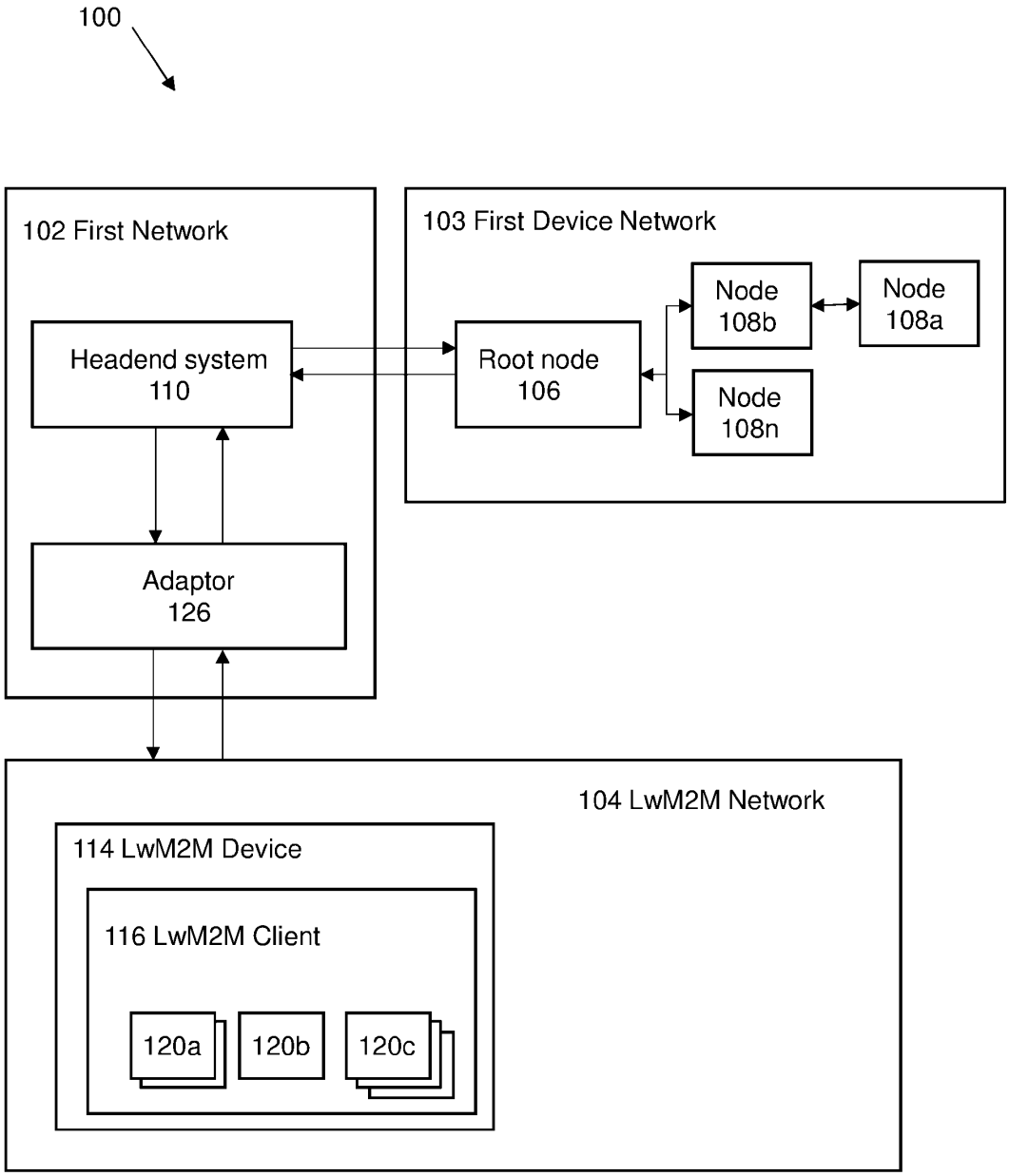

100
102 First Network
103 First Device Network
Node 108b
Node 108a
Headend system 110
Root node 106
Node 108n
Adaptor 126
104 LwM2M Network
114 LwM2M Device
116 LwM2M Client
120a
120b
120c

Fig. 1

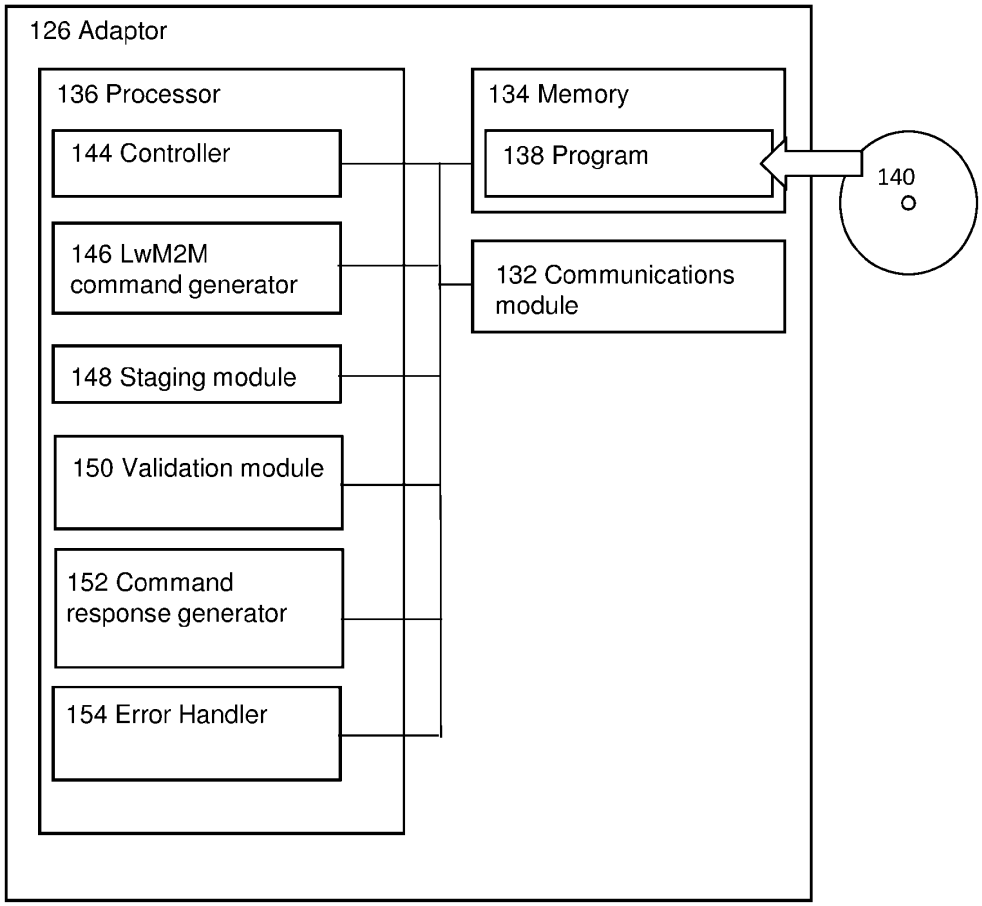

126 Adaptor
136 Processor
144 Controller
146 LwM2M command generator
148 Staging module
150 Validation module
152 Command response generator
154 Error Handler
134 Memory
138 Program
132 Communications module
140

Fig. 2

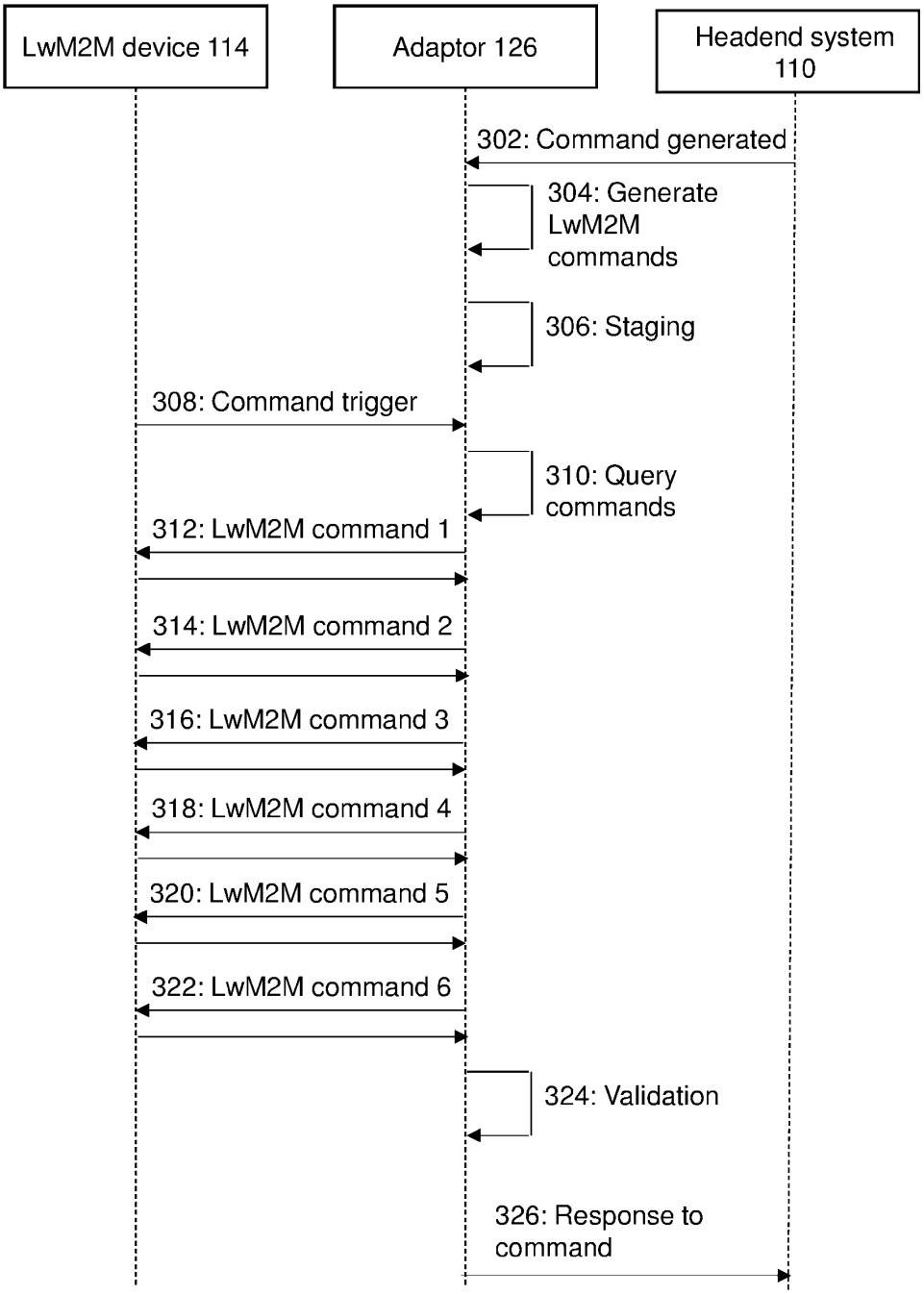

LwM2M device 114
Adaptor 126
Headend system 110
302: Command generated
304: Generate LwM2M commands
306: Staging
308: Command trigger
310: Query commands
312: LwM2M command 1
314: LwM2M command 2
316: LwM2M command 3
318: LwM2M command 4
320: LwM2M command 5
322: LwM2M command 6
324: Validation
326: Response to command

Fig. 3

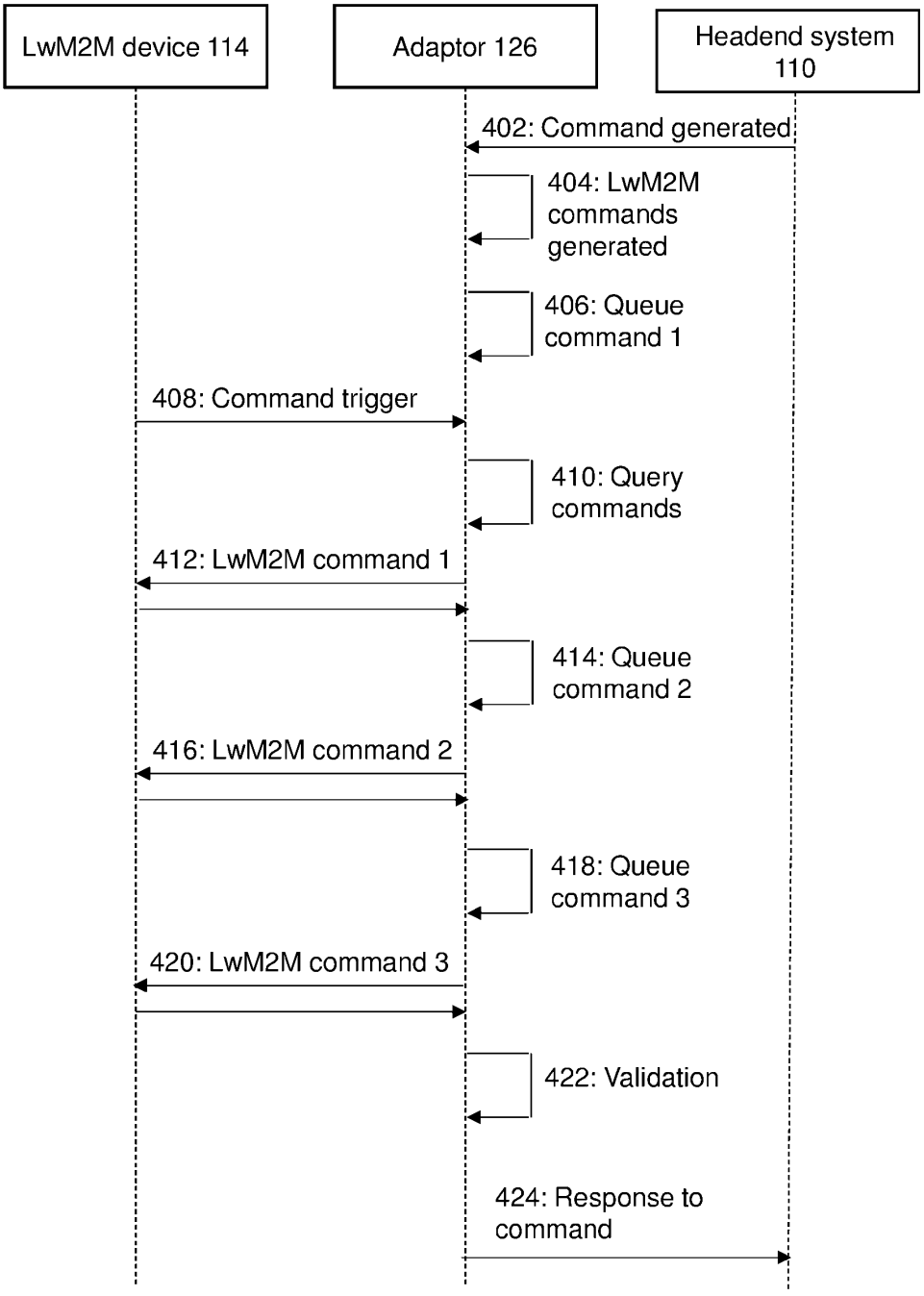

LwM2M device 114
Adaptor 126
Headend system 110
402: Command generated
404: LwM2M commands generated
406: Queue command 1
408: Command trigger
410: Query commands
412: LwM2M command 1
414: Queue command 2
416: LwM2M command 2
418: Queue command 3
420: LwM2M command 3
422: Validation
424: Response to command

Fig. 4