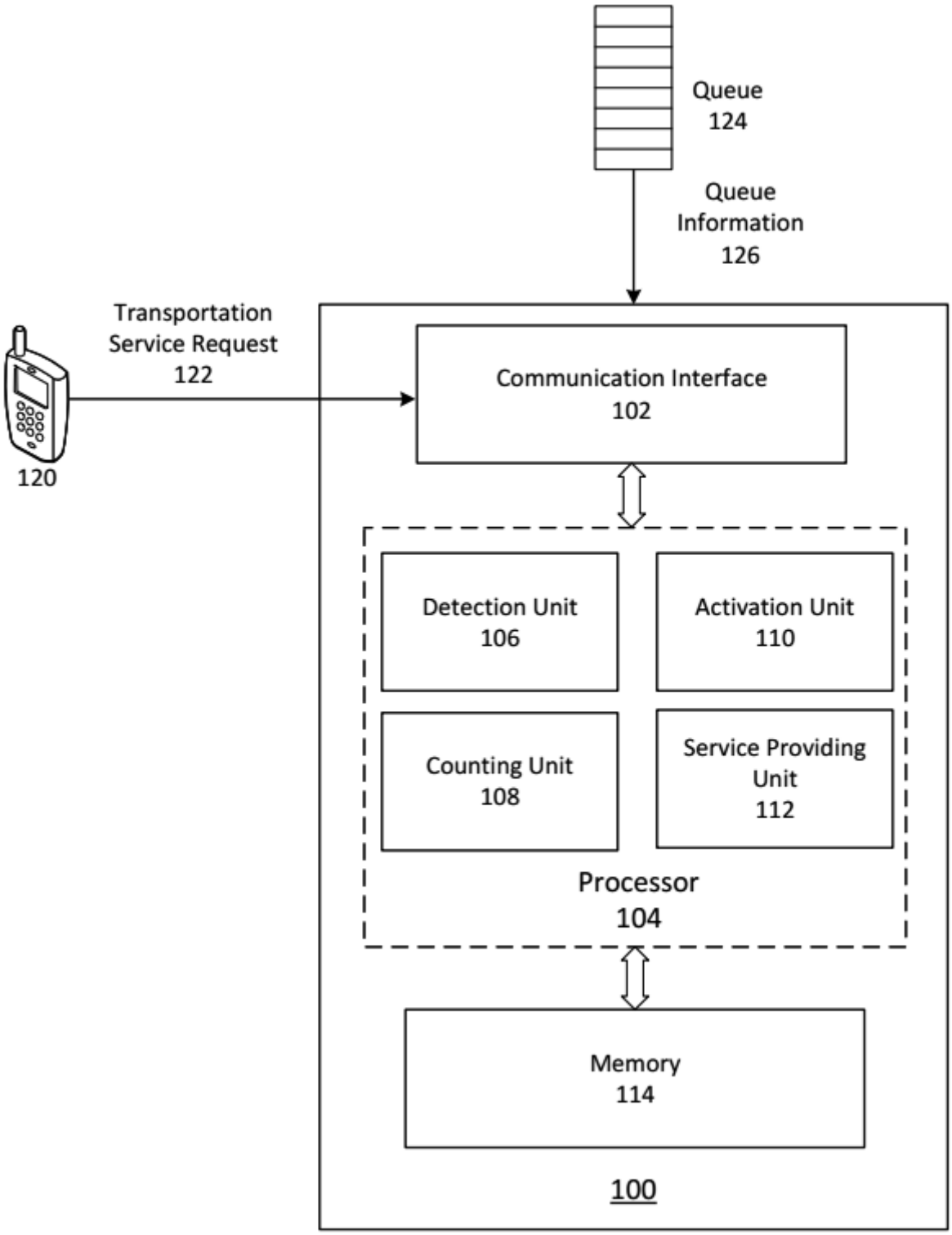

Queue
124
Queue
Information
126
Transportation
Service Request
122
120
Communication Interface
102
Detection Unit
106
Activation Unit
110
Counting Unit
108
Service Providing
Unit
112
Processor
104
Memory
114
100

FIG. 1

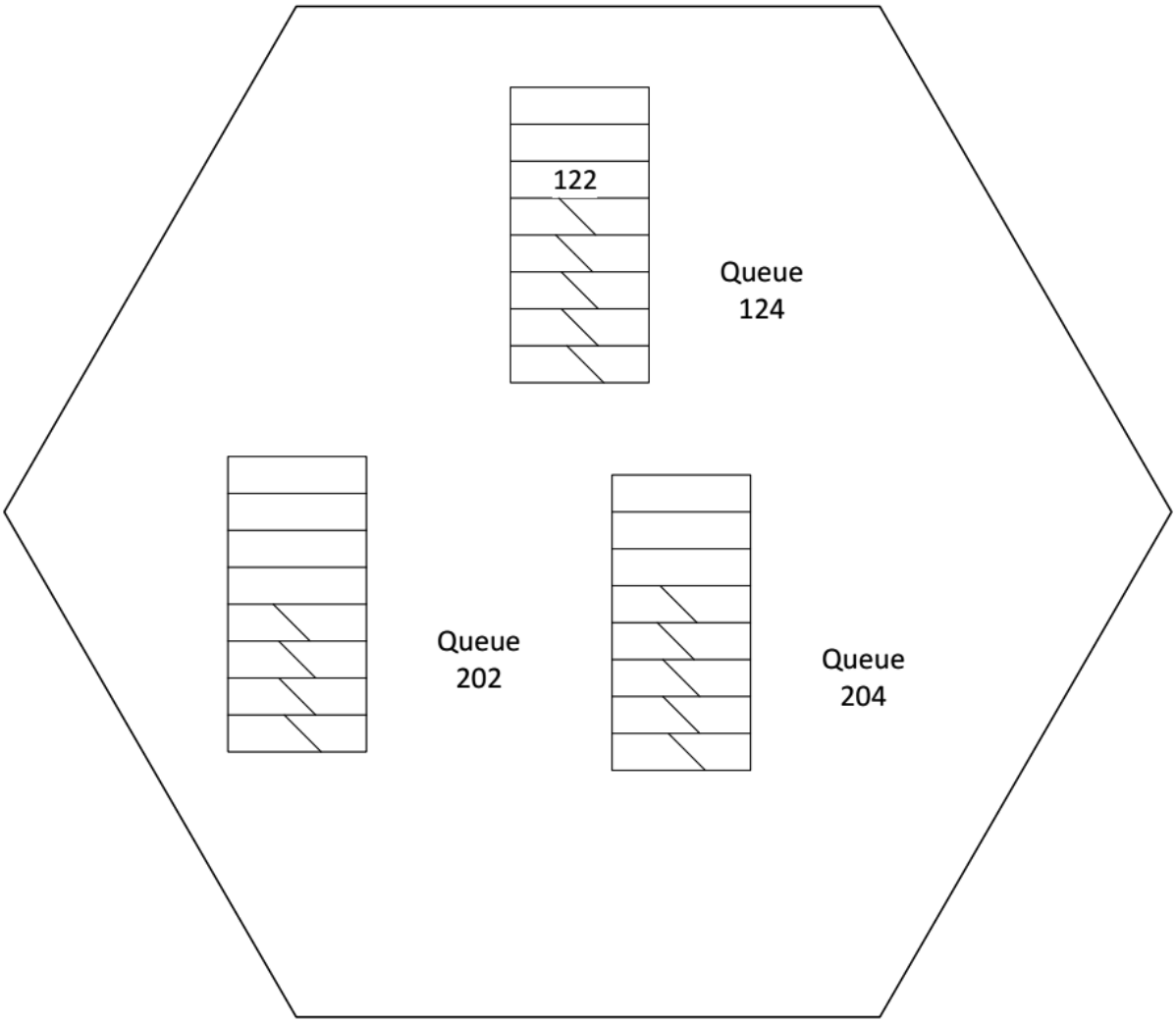


FIG. 2

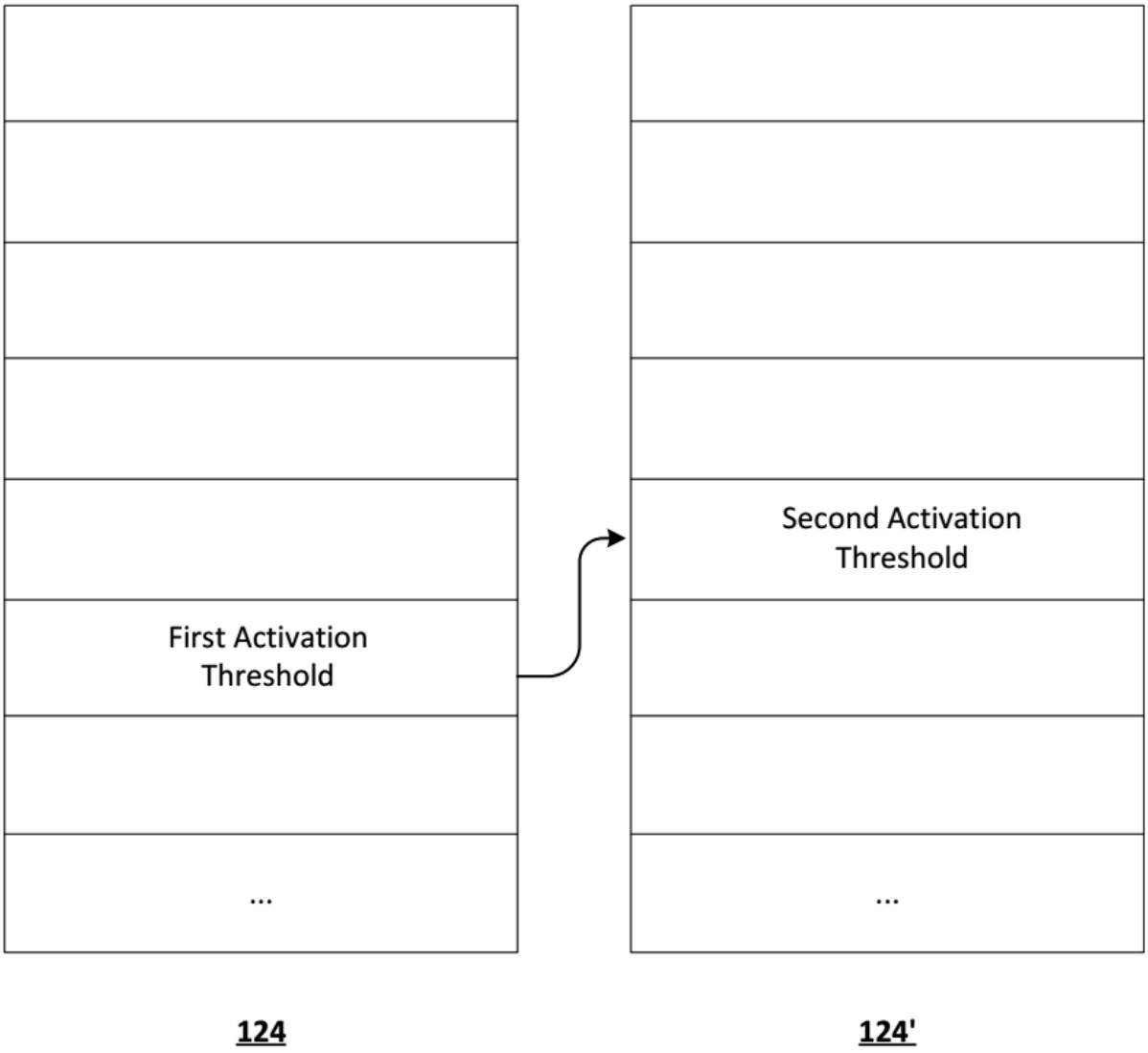

First Activation Threshold
...
Second Activation Threshold
...
124
124'

FIG. 3

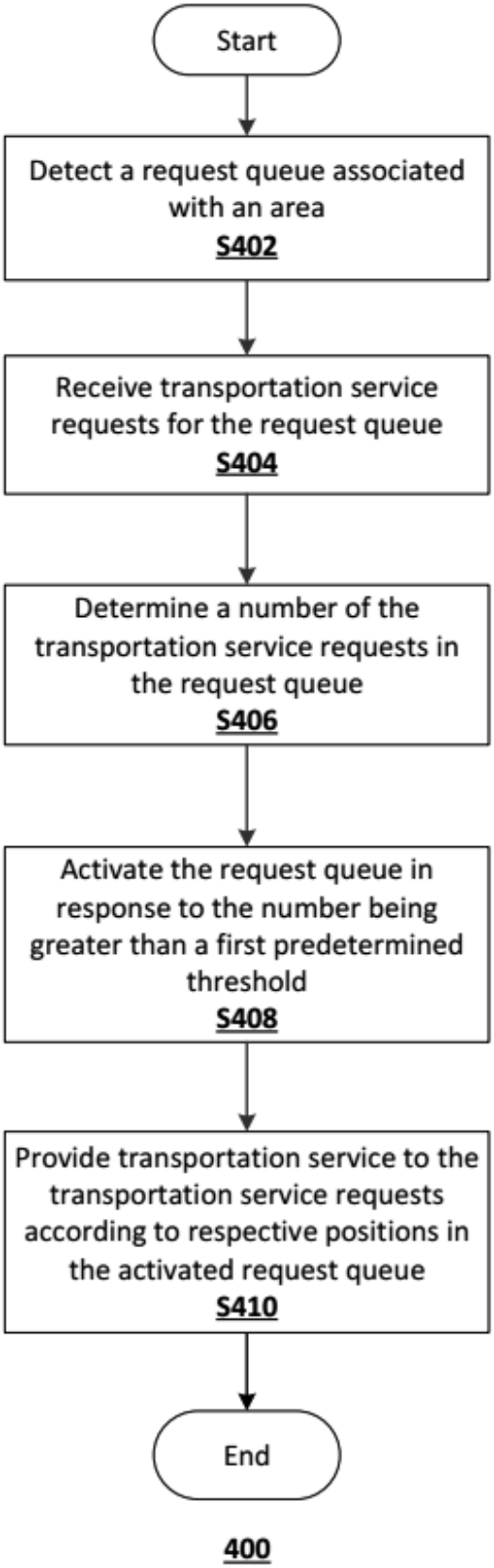

Start
Detect a request queue associated with an area
S402
Receive transportation service requests for the request queue
S404
Determine a number of the transportation service requests in the request queue
S406
Activate the request queue in response to the number being greater than a first predetermined threshold
S408
Provide transportation service to the transportation service requests according to respective positions in the activated request queue
S410
End
400

FIG. 4

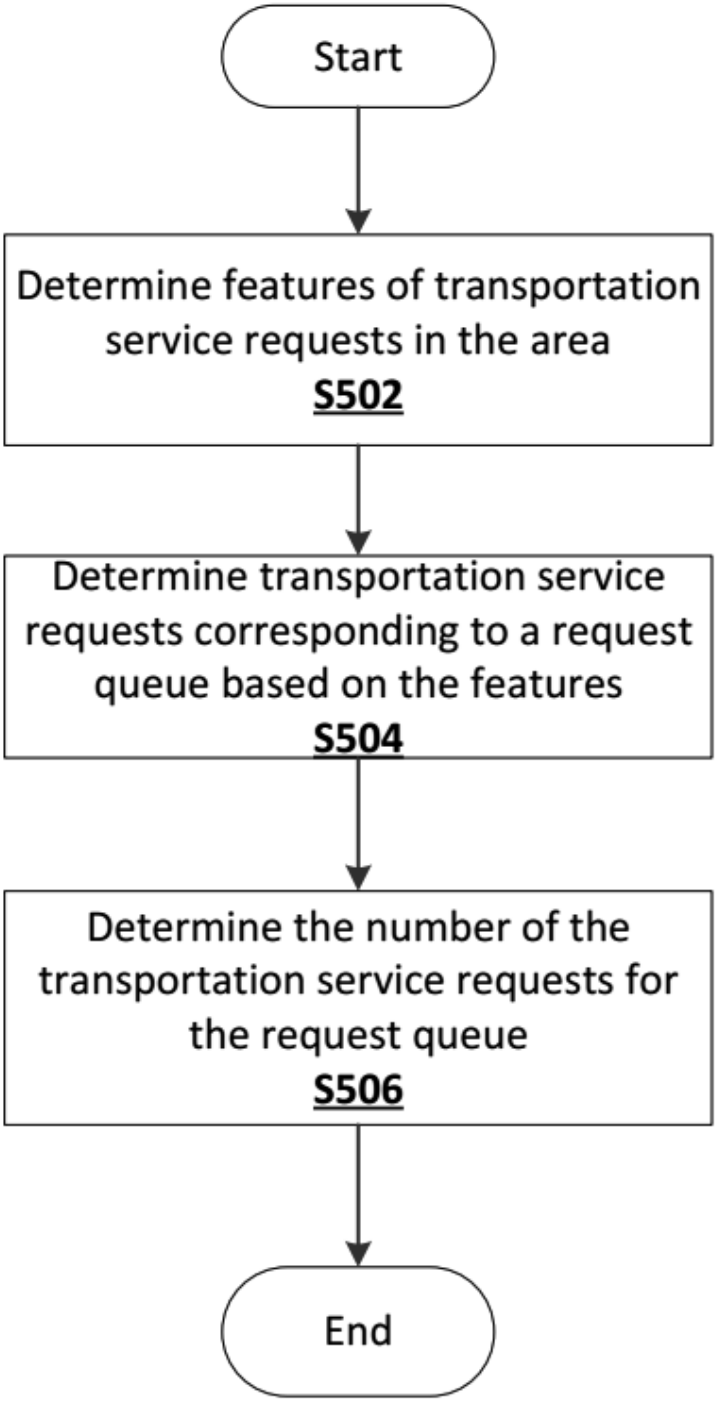

Start
Determine features of transportation service requests in the area
S502
Determine transportation service requests corresponding to a request queue based on the features
S504
Determine the number of the transportation service requests for the request queue
S506
End
500

FIG. 5