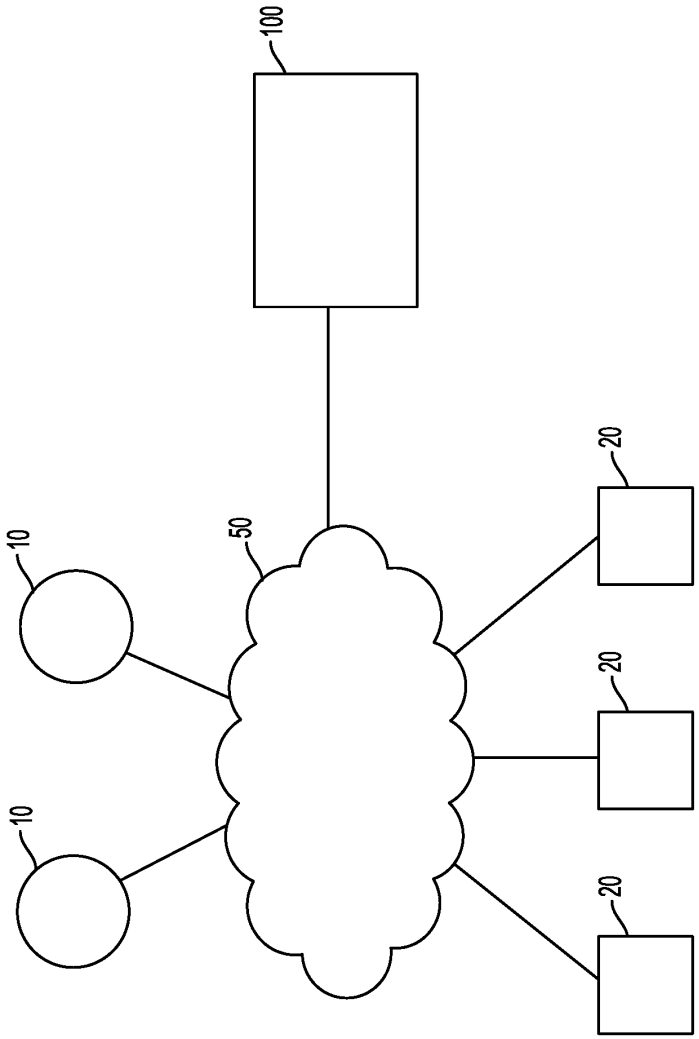



FIG. 1

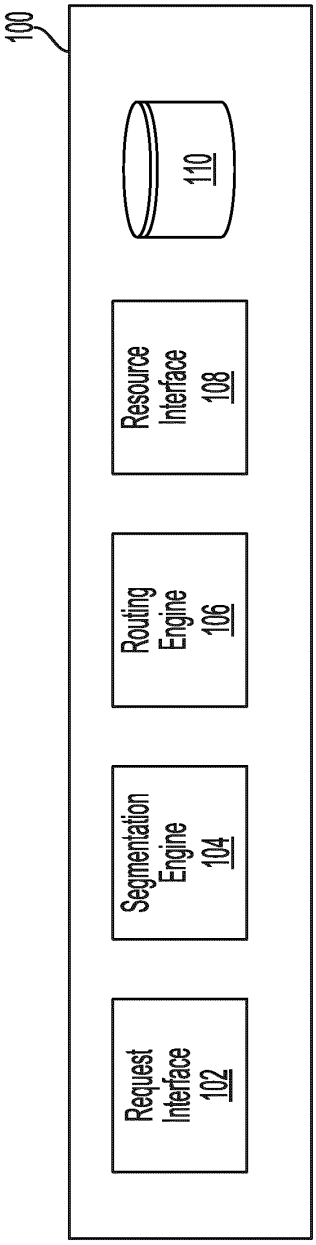

100
Request Interface 102
Segmentation Engine 104
Routing Engine 106
Resource Interface 108
110

FIG. 2

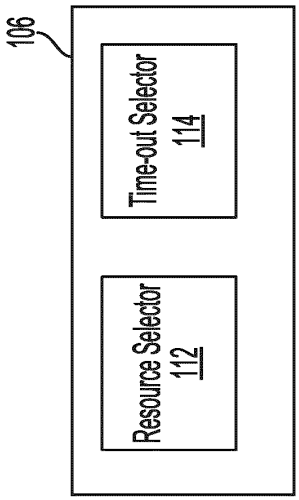

106
Resource Selector 112
Time-out Selector 114

FIG. 3

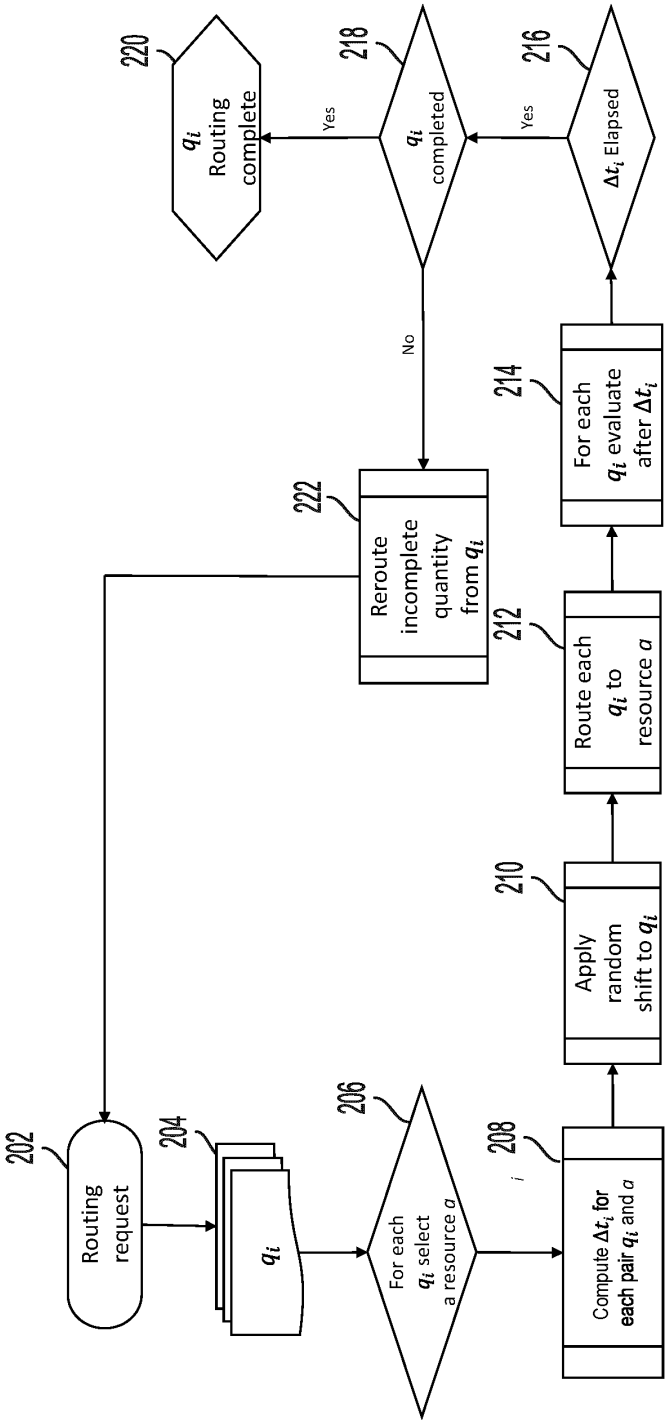

202
Routing request
204
$q_i$
206
For each $q_i$ select a resource $a$
208
Compute $\Delta t_i$ for each pair $q_i$ and $a$
210
Apply random shift to $q_i$
212
Route each $q_i$ to resource $a$
214
For each $q_i$ evaluate after $\Delta t_i$
216
$\Delta t_i$ Elapsed
Yes
218
$q_i$ completed
Yes
220
$q_i$ Routing complete
No
222
Reroute incomplete quantity from $q_i$

FIG. 4

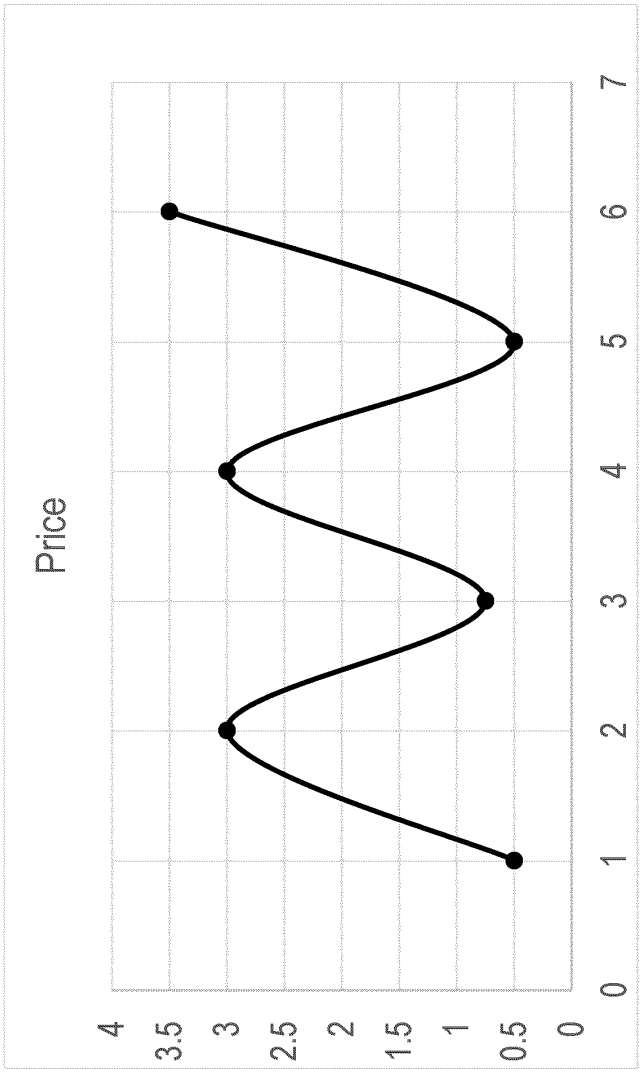



FIG. 5

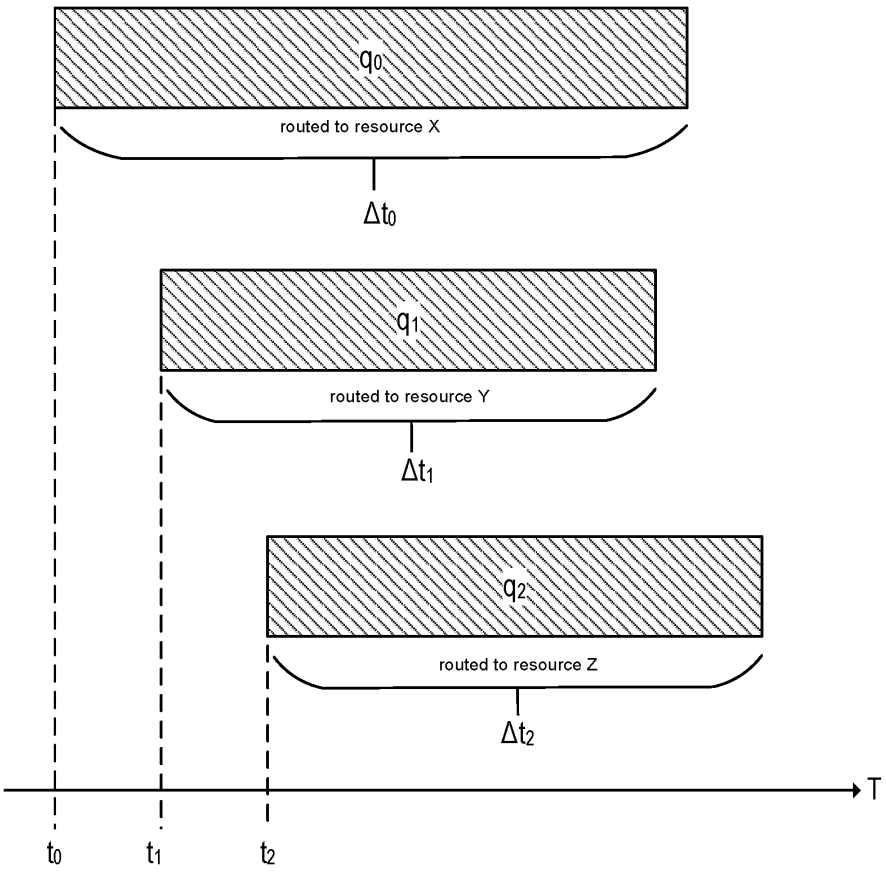

$q_0$
routed to resource X
$\Delta t_0$
$q_1$
routed to resource Y
$\Delta t_1$
$q_2$
routed to resource Z
$\Delta t_2$
T
$t_0$
$t_1$
$t_2$

FIG. 6

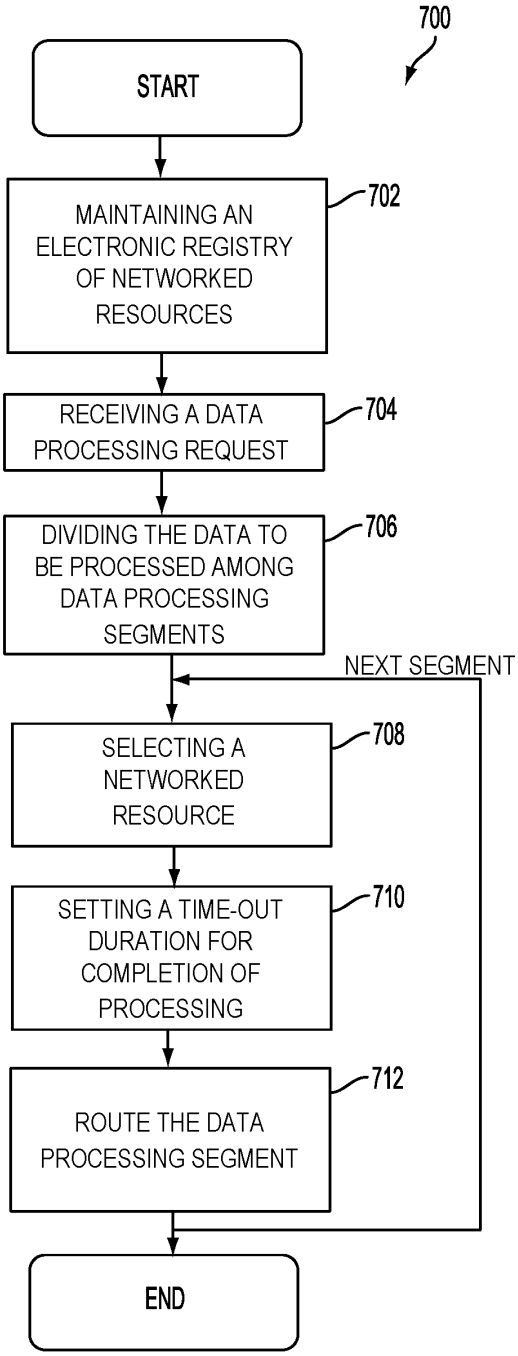

700
START
MAINTAINING AN ELECTRONIC REGISTRY OF NETWORKED RESOURCES
702
RECEIVING A DATA PROCESSING REQUEST
704
DIVIDING THE DATA TO BE PROCESSED AMONG DATA PROCESSING SEGMENTS
706
NEXT SEGMENT
SELECTING A NETWORKED RESOURCE
708
SETTING A TIME-OUT DURATION FOR COMPLETION OF PROCESSING
710
ROUTE THE DATA PROCESSING SEGMENT
712
END

FIG. 7

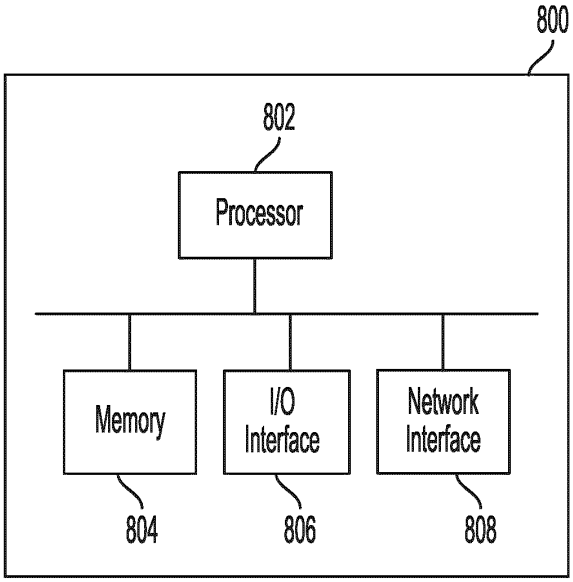

800
802
Processor
Memory
I/O Interface
Network Interface
804
806
808

FIG. 8