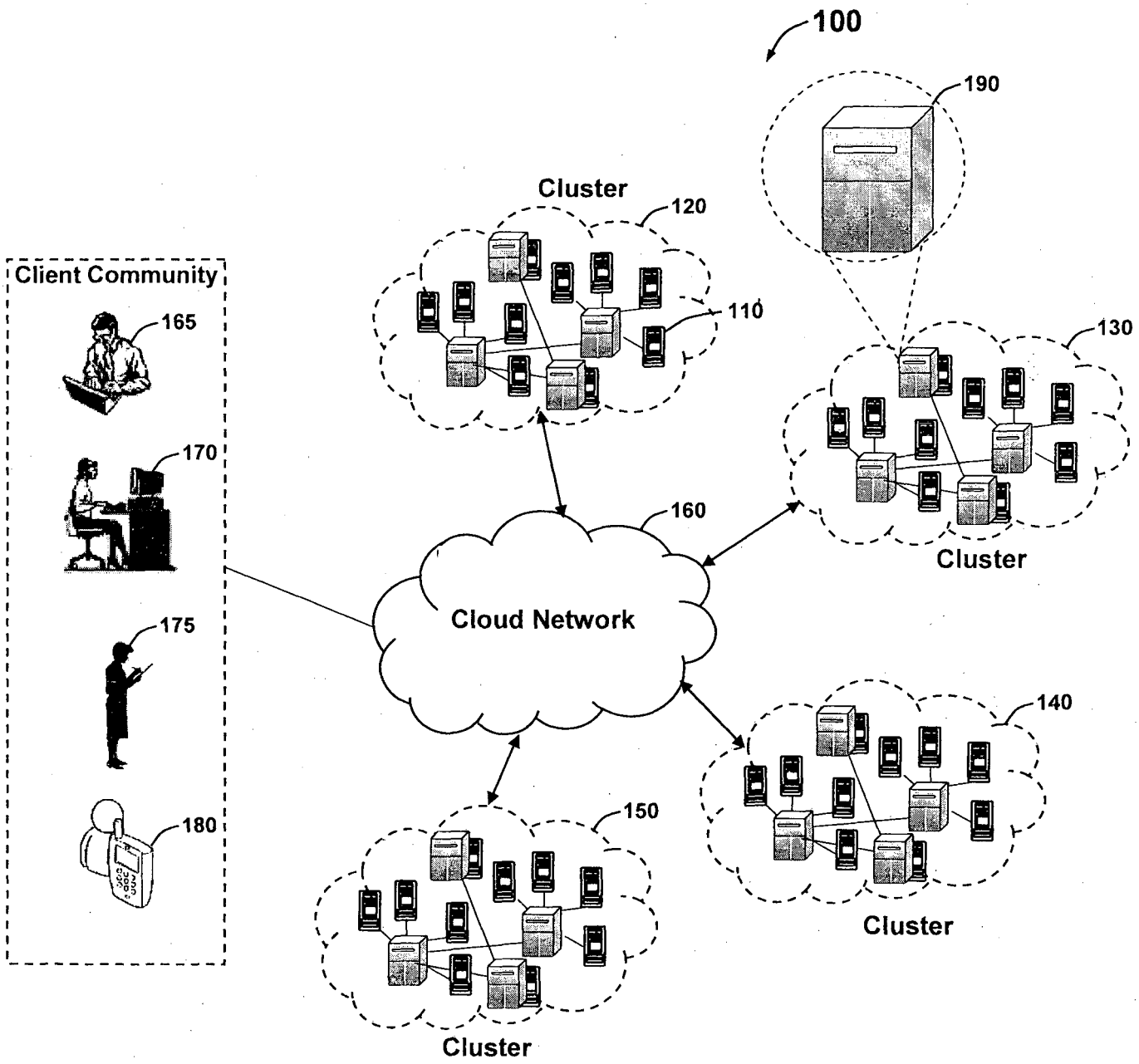
100
190
Cluster
120
110
130
Client Community
165
170
160
Cloud Network
Cluster
175
140
180
150
Cluster
Cluster

FIG.1

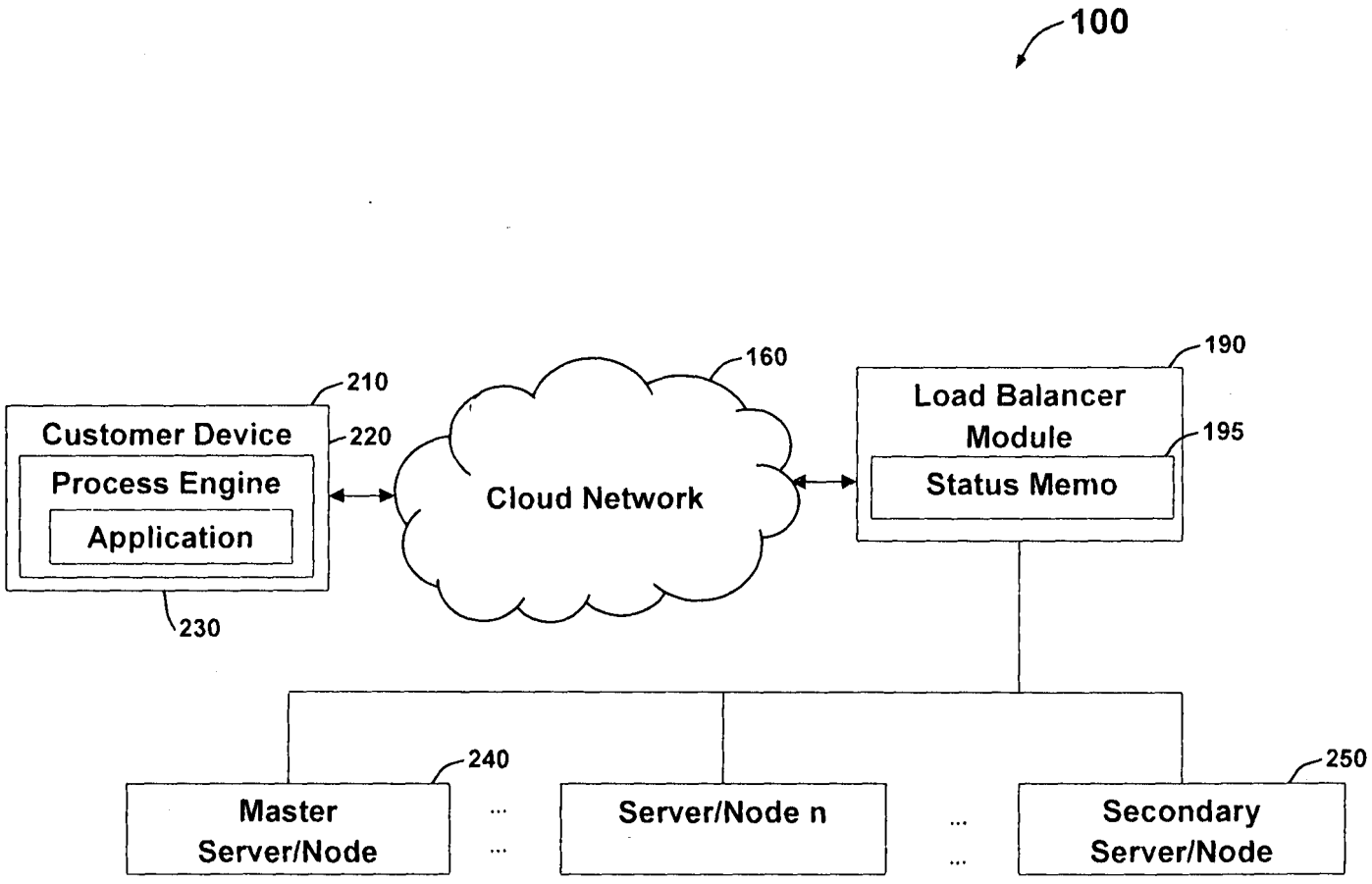
100
Customer Device
Process Engine
Application
210
220
230
160
Cloud Network
190
Load Balancer Module
195
Status Memo
240
Master Server/Node
Server/Node n
250
Secondary Server/Node

FIG.2

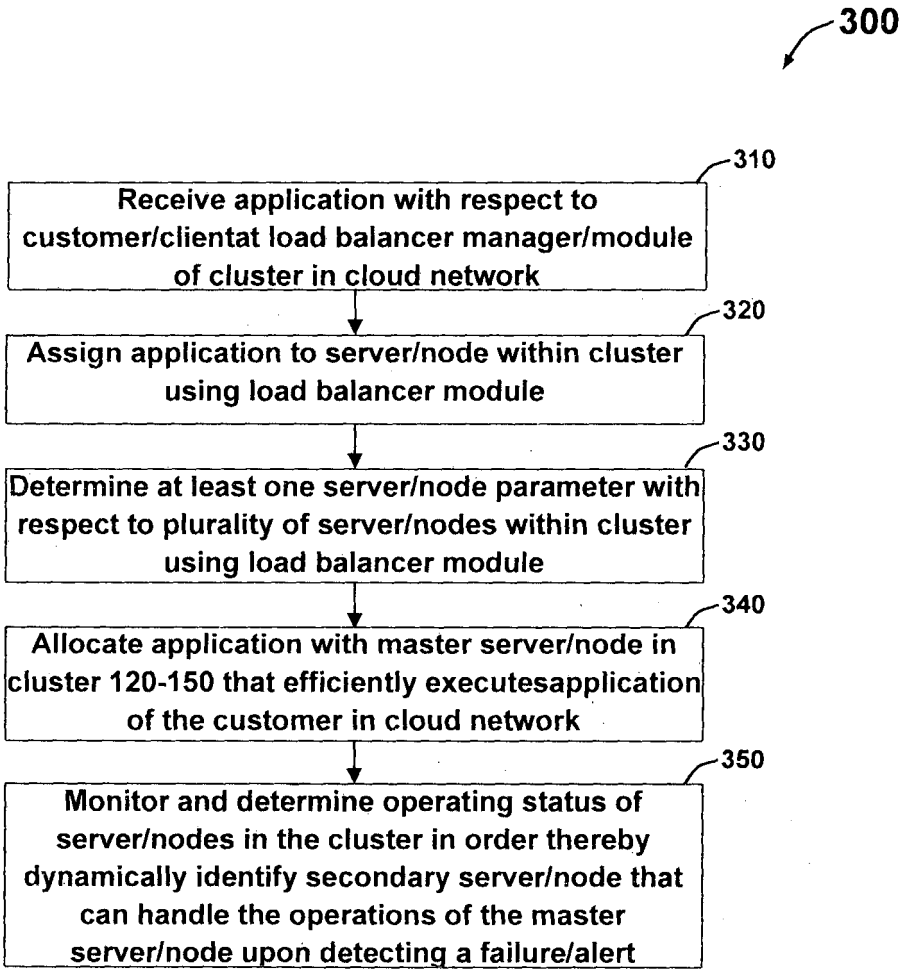
300
310
Receive application with respect to customer/clientat load balancer manager/module of cluster in cloud network
320
Assign application to server/node within cluster using load balancer module
330
Determine at least one server/node parameter with respect to plurality of server/nodes within cluster using load balancer module
340
Allocate application with master server/node in cluster 120-150 that efficiently executesapplication of the customer in cloud network
350
Monitor and determine operating status of server/nodes in the cluster in order thereby dynamically identify secondary server/node that can handle the operations of the master server/node upon detecting a failure/alert

FIG.3