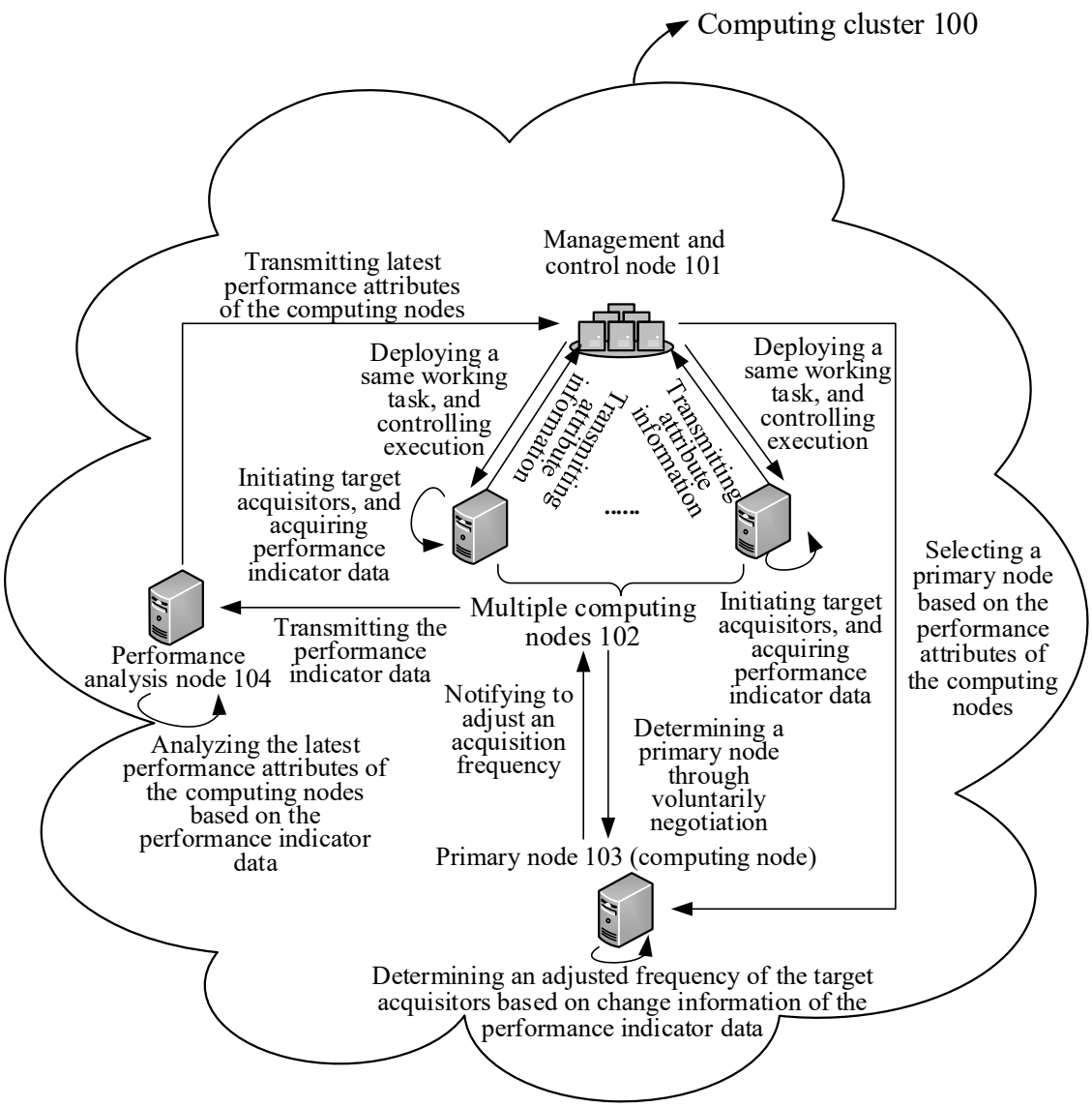

Computing cluster 100
Management and control node 101
Transmitting latest performance attributes of the computing nodes
Deploying a same working task, and controlling execution
Transmitting attribute information
Transmitting attribute information
Deploying a same working task, and controlling execution
Initiating target acquisitors, and acquiring performance indicator data
.....
Multiple computing nodes 102
Initiating target acquisitors, and acquiring performance indicator data
Selecting a primary node based on the performance attributes of the computing nodes
Performance analysis node 104
Transmitting the performance indicator data
Notifying to adjust an acquisition frequency
Determining a primary node through voluntarily negotiation
Analyzing the latest performance attributes of the computing nodes based on the performance indicator data
Primary node 103 (computing node)
Determining an adjusted frequency of the target acquisitors based on change information of the performance indicator data

FIG. 1a

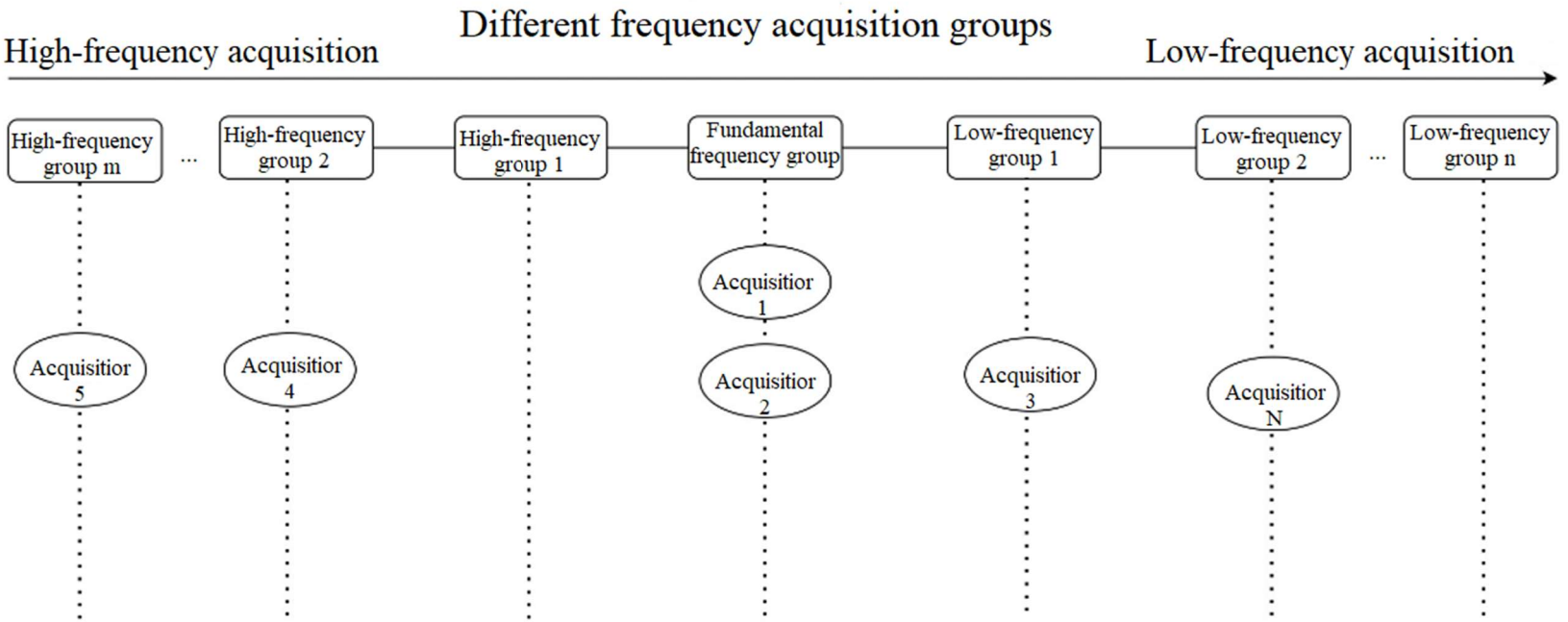

Different frequency acquisition groups
High-frequency acquisition
Low-frequency acquisition
High-frequency group m
High-frequency group 2
High-frequency group 1
Fundamental frequency group
Low-frequency group 1
Low-frequency group 2
Low-frequency group n
Acquisitior 5
Acquisitior 4
Acquisitior 1
Acquisitior 2
Acquisitior 3
Acquisitior N

FIG. 1b

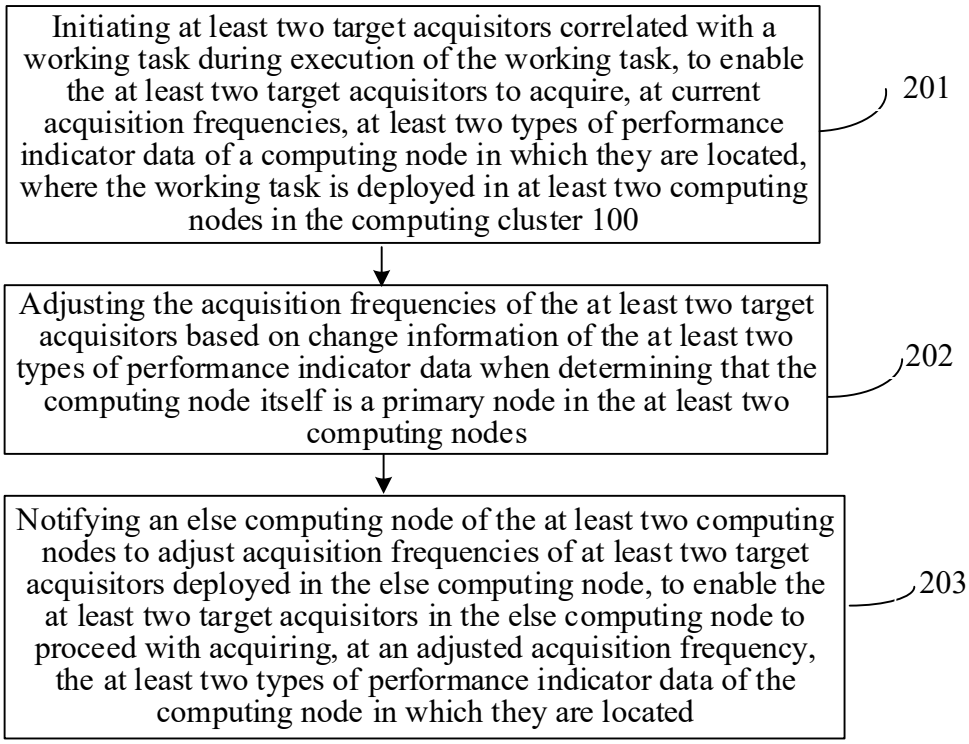

Initiating at least two target acquisitors correlated with a working task during execution of the working task, to enable the at least two target acquisitors to acquire, at current acquisition frequencies, at least two types of performance indicator data of a computing node in which they are located, where the working task is deployed in at least two computing nodes in the computing cluster 100
201
Adjusting the acquisition frequencies of the at least two target acquisitors based on change information of the at least two types of performance indicator data when determining that the computing node itself is a primary node in the at least two computing nodes
202
Notifying an else computing node of the at least two computing nodes to adjust acquisition frequencies of at least two target acquisitors deployed in the else computing node, to enable the at least two target acquisitors in the else computing node to proceed with acquiring, at an adjusted acquisition frequency, the at least two types of performance indicator data of the computing node in which they are located
203

FIG. 2

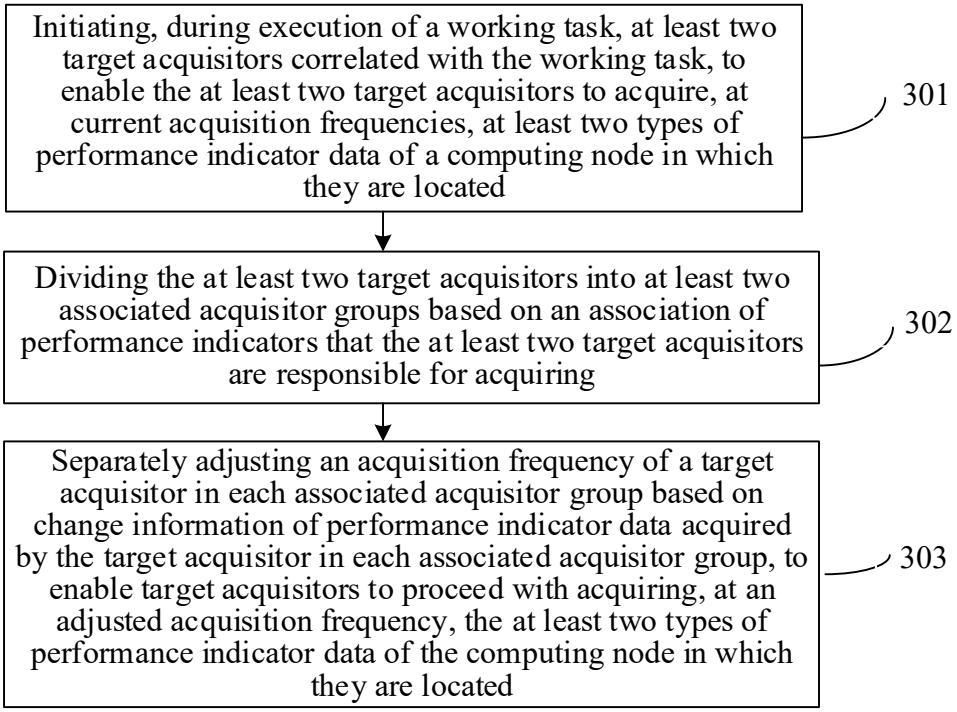

Initiating, during execution of a working task, at least two target acquisitors correlated with the working task, to enable the at least two target acquisitors to acquire, at current acquisition frequencies, at least two types of performance indicator data of a computing node in which they are located
301
Dividing the at least two target acquisitors into at least two associated acquisitor groups based on an association of performance indicators that the at least two target acquisitors are responsible for acquiring
302
Separately adjusting an acquisition frequency of a target acquisitor in each associated acquisitor group based on change information of performance indicator data acquired by the target acquisitor in each associated acquisitor group, to enable target acquisitors to proceed with acquiring, at an adjusted acquisition frequency, the at least two types of performance indicator data of the computing node in which they are located
303

FIG. 3

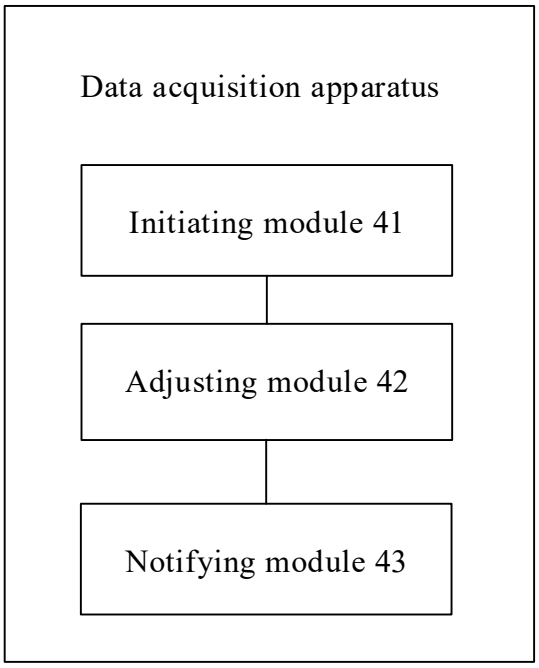

Data acquisition apparatus
Initiating module 41
Adjusting module 42
Notifying module 43

FIG. 4

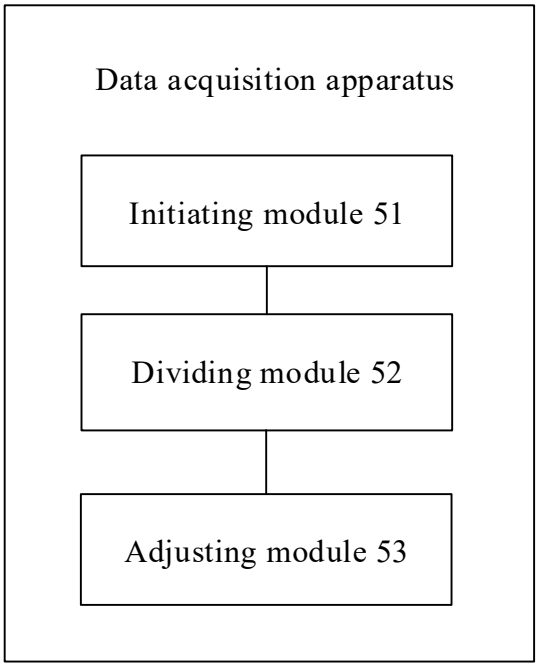

Data acquisition apparatus
Initiating module 51
Dividing module 52
Adjusting module 53

FIG. 5

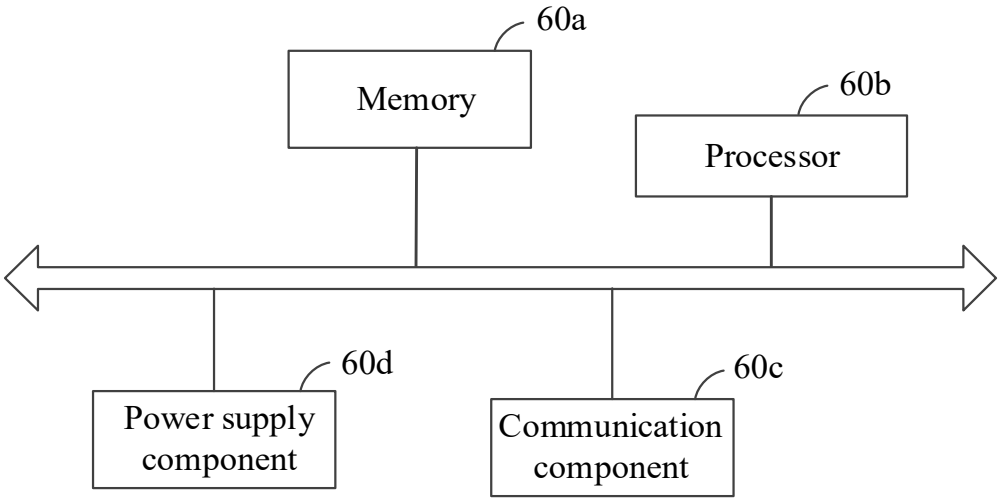

60a
Memory
60b
Processor
60d
Power supply component
60c
Communication component

FIG. 6