
110
120
Network

FIG. 1

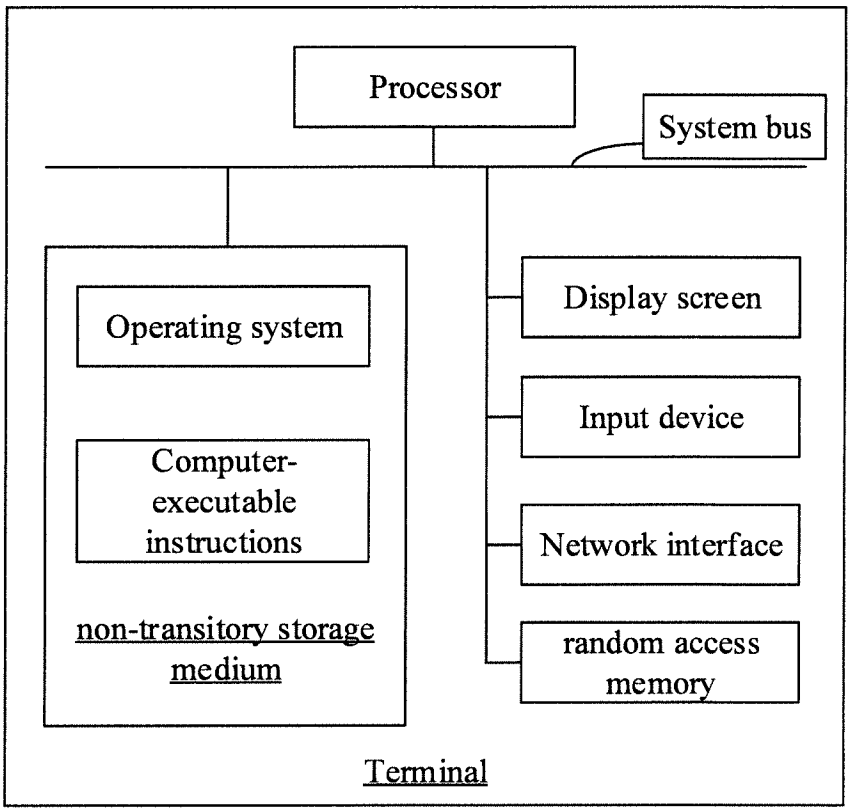

Processor
System bus
Operating system
Computer-executable instructions
non-transitory storage medium
Display screen
Input device
Network interface
random access memory
Terminal

FIG. 2

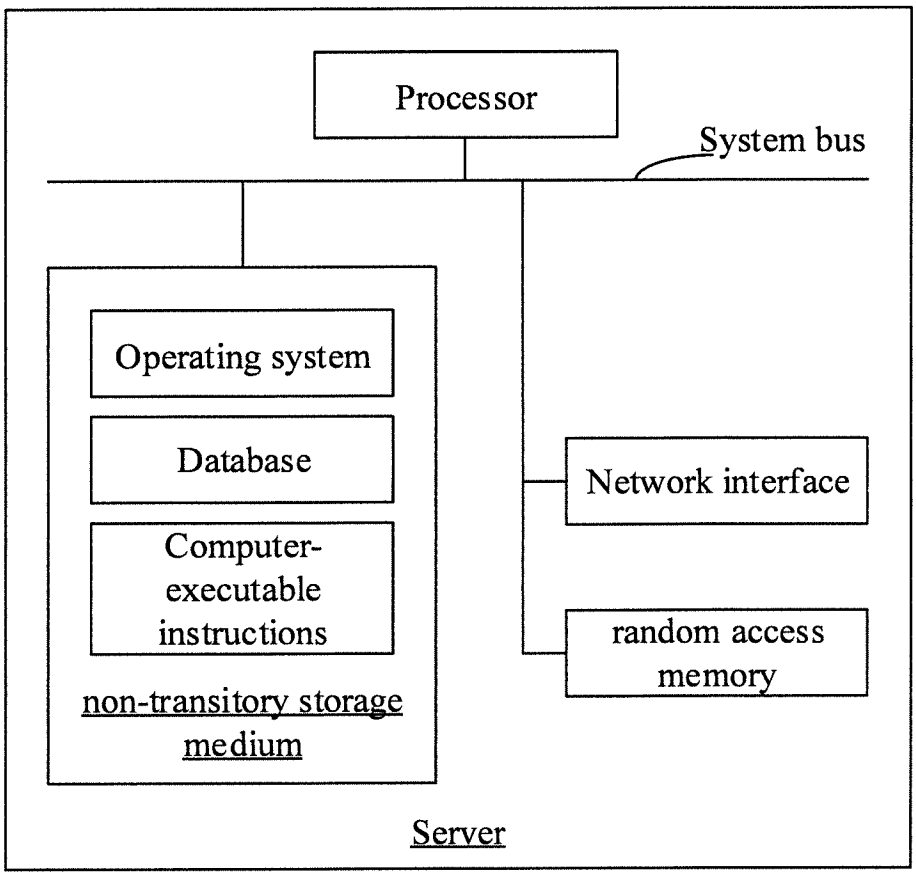

Processor
System bus
Operating system
Database
Computer-executable instructions
non-transitory storage medium
Network interface
random access memory
Server

FIG. 3

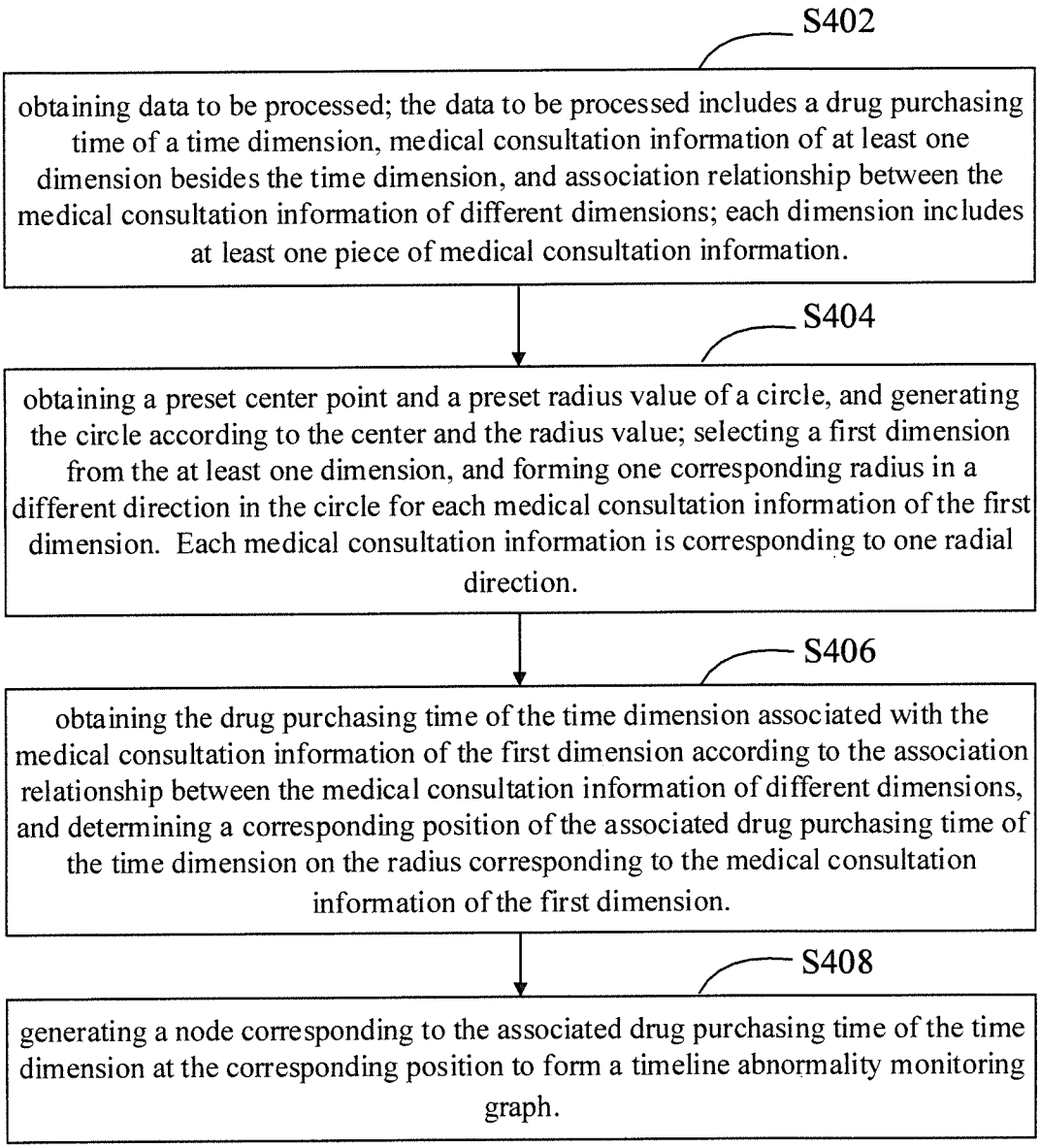

S402
obtaining data to be processed; the data to be processed includes a drug purchasing time of a time dimension, medical consultation information of at least one dimension besides the time dimension, and association relationship between the medical consultation information of different dimensions; each dimension includes at least one piece of medical consultation information.
S404
obtaining a preset center point and a preset radius value of a circle, and generating the circle according to the center and the radius value; selecting a first dimension from the at least one dimension, and forming one corresponding radius in a different direction in the circle for each medical consultation information of the first dimension. Each medical consultation information is corresponding to one radial direction.
S406
obtaining the drug purchasing time of the time dimension associated with the medical consultation information of the first dimension according to the association relationship between the medical consultation information of different dimensions, and determining a corresponding position of the associated drug purchasing time of the time dimension on the radius corresponding to the medical consultation information of the first dimension.
S408
generating a node corresponding to the associated drug purchasing time of the time dimension at the corresponding position to form a timeline abnormality monitoring graph.

FIG. 4

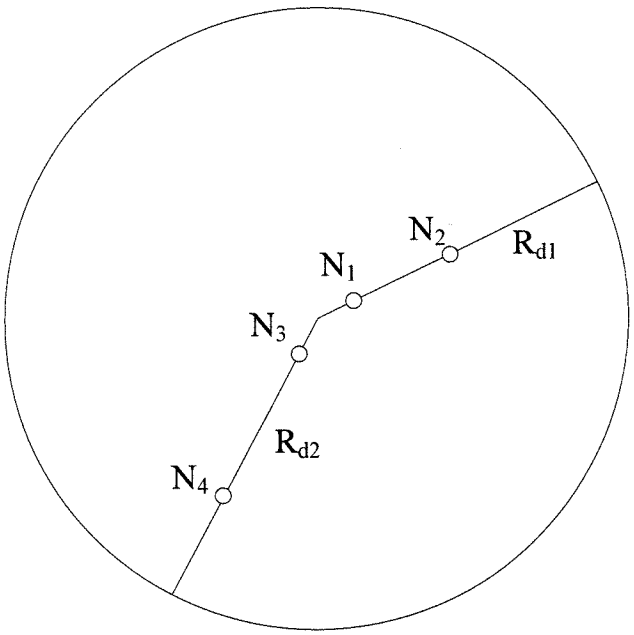

N2
Rd1
N1
N3
Rd2
N4

FIG. 5

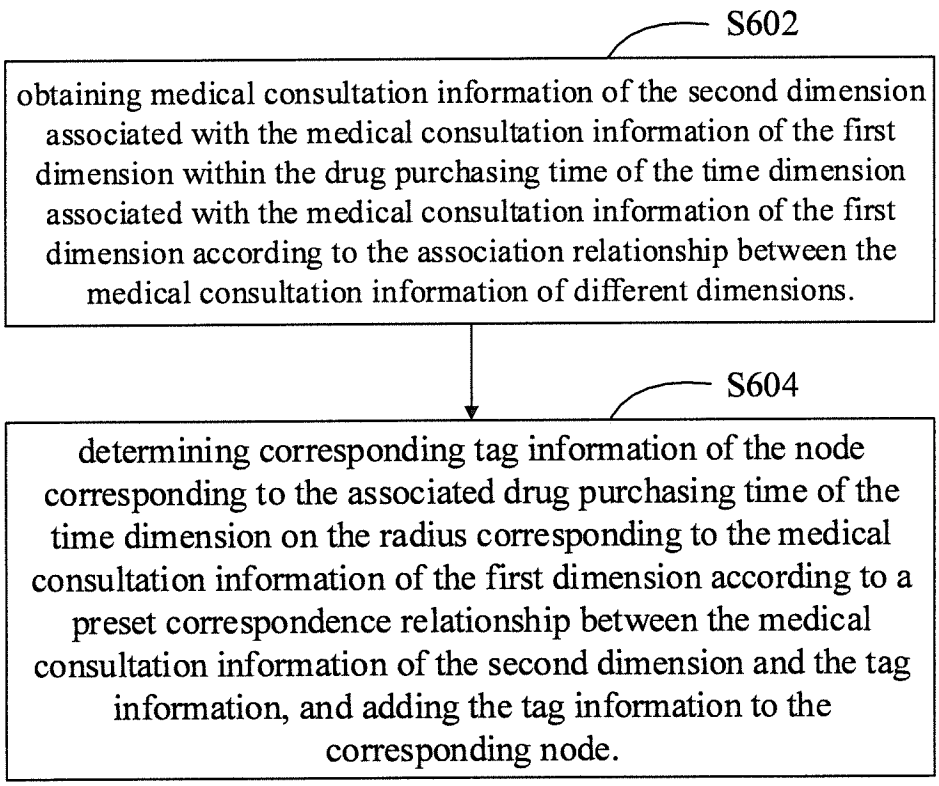

S602
obtaining medical consultation information of the second dimension associated with the medical consultation information of the first dimension within the drug purchasing time of the time dimension associated with the medical consultation information of the first dimension according to the association relationship between the medical consultation information of different dimensions.
S604
determining corresponding tag information of the node corresponding to the associated drug purchasing time of the time dimension on the radius corresponding to the medical consultation information of the first dimension according to a preset correspondence relationship between the medical consultation information of the second dimension and the tag information, and adding the tag information to the corresponding node.

FIG. 6

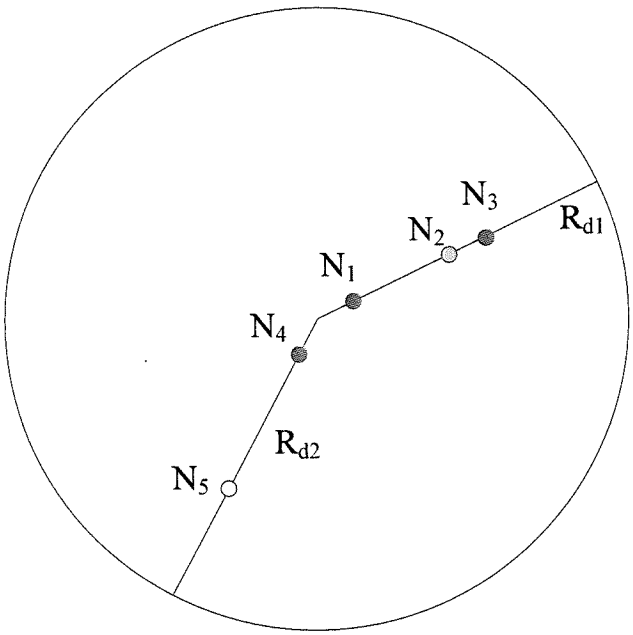


FIG. 7

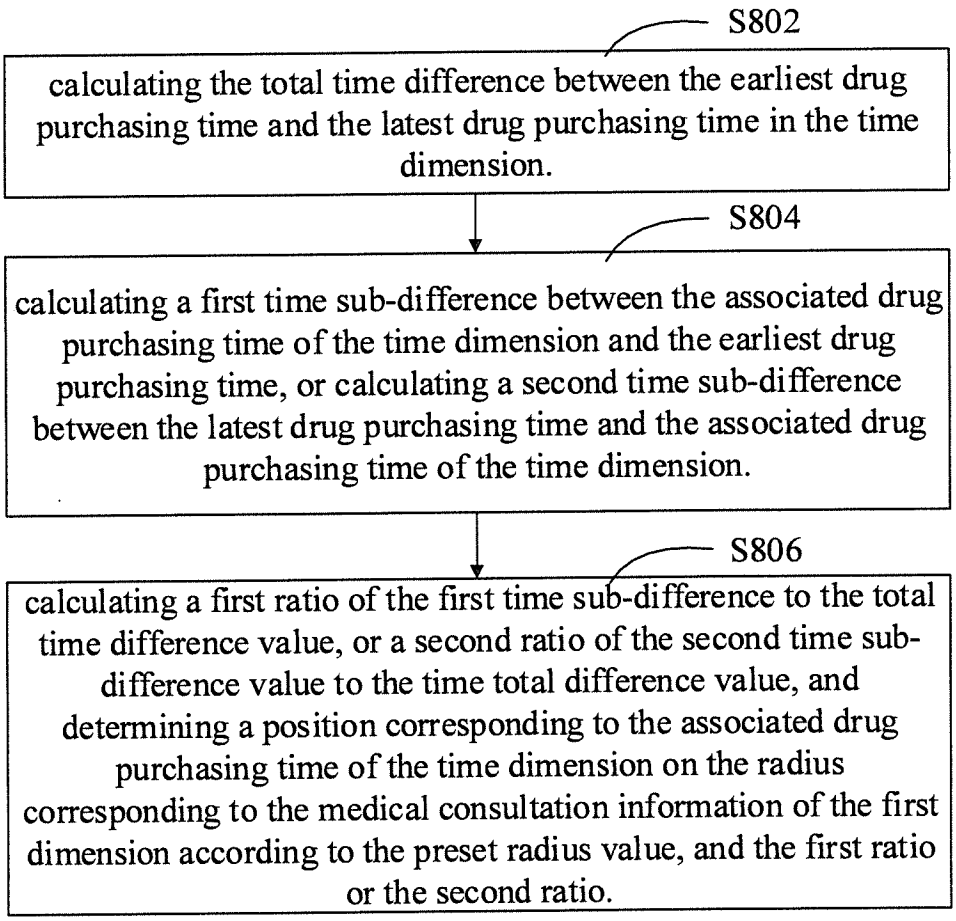

S802
calculating the total time difference between the earliest drug purchasing time and the latest drug purchasing time in the time dimension.
S804
calculating a first time sub-difference between the associated drug purchasing time of the time dimension and the earliest drug purchasing time, or calculating a second time sub-difference between the latest drug purchasing time and the associated drug purchasing time of the time dimension.
S806
calculating a first ratio of the first time sub-difference to the total time difference value, or a second ratio of the second time sub-difference value to the time total difference value, and determining a position corresponding to the associated drug purchasing time of the time dimension on the radius corresponding to the medical consultation information of the first dimension according to the preset radius value, and the first ratio or the second ratio.

FIG. 8

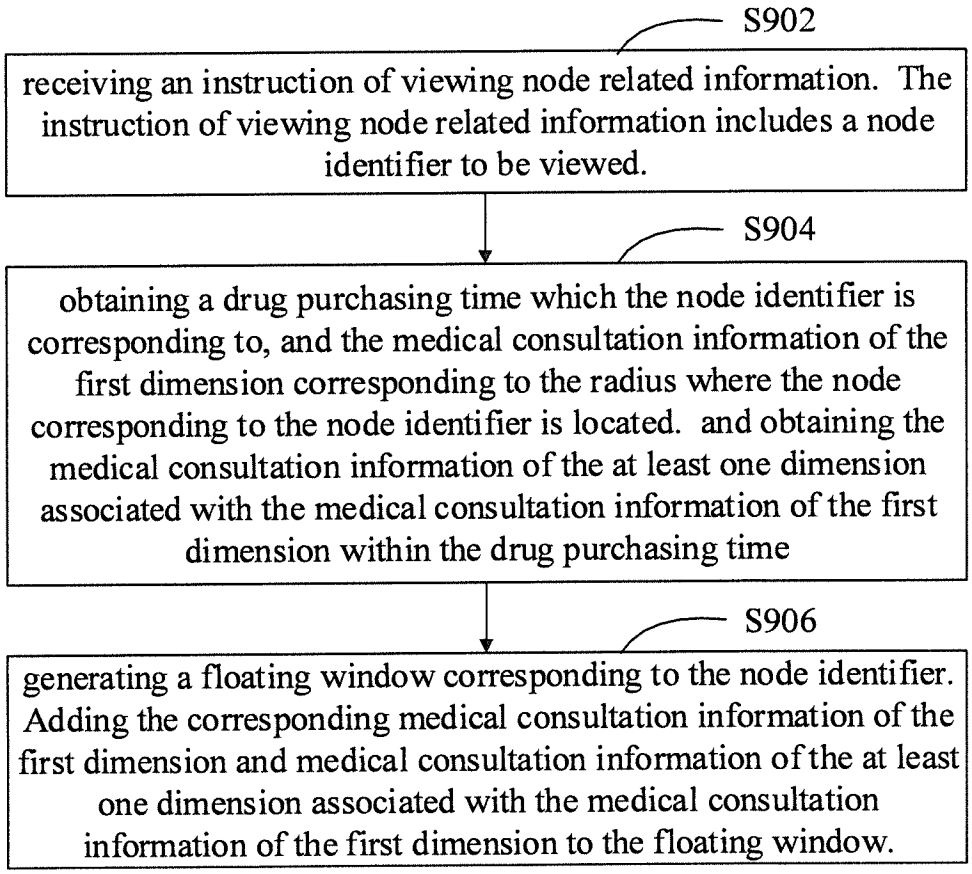

S902
receiving an instruction of viewing node related information. The instruction of viewing node related information includes a node identifier to be viewed.
S904
obtaining a drug purchasing time which the node identifier is corresponding to, and the medical consultation information of the first dimension corresponding to the radius where the node corresponding to the node identifier is located. and obtaining the medical consultation information of the at least one dimension associated with the medical consultation information of the first dimension within the drug purchasing time
S906
generating a floating window corresponding to the node identifier. Adding the corresponding medical consultation information of the first dimension and medical consultation information of the at least one dimension associated with the medical consultation information of the first dimension to the floating window.

FIG. 9

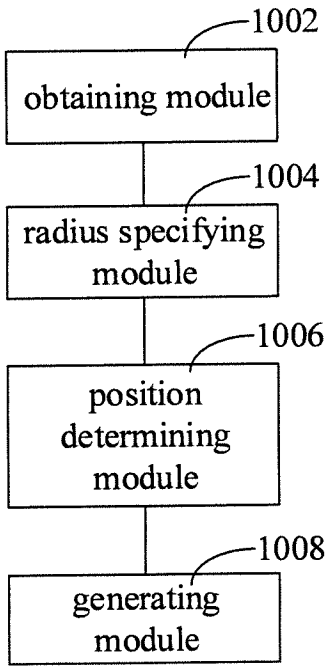

1002
obtaining module
1004
radius specifying module
1006
position determining module
1008
generating module

FIG. 10

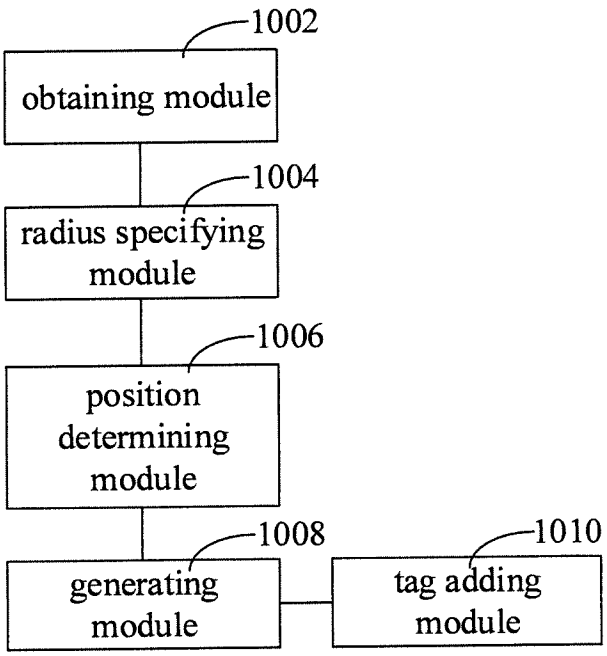

1002
obtaining module
1004
radius specifying module
1006
position determining module
1008
generating module
1010
tag adding module

FIG. 11

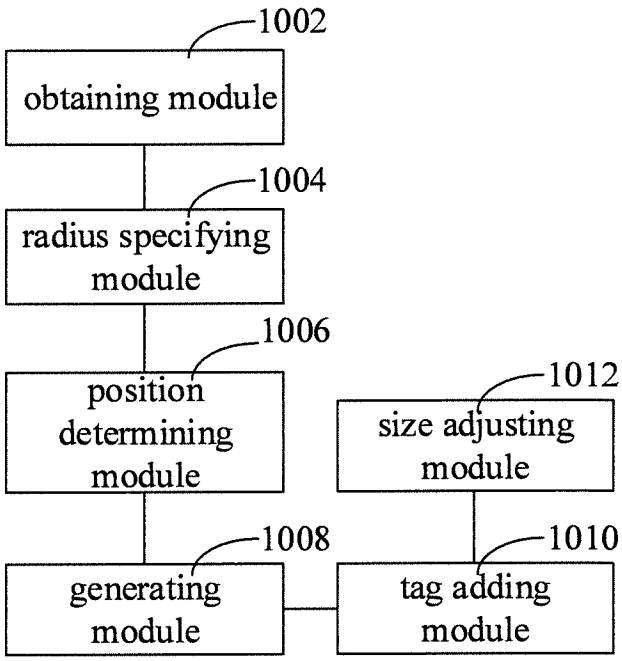

1002
obtaining module
1004
radius specifying module
1006
position determining module
1012
size adjusting module
1008
generating module
1010
tag adding module

FIG. 12