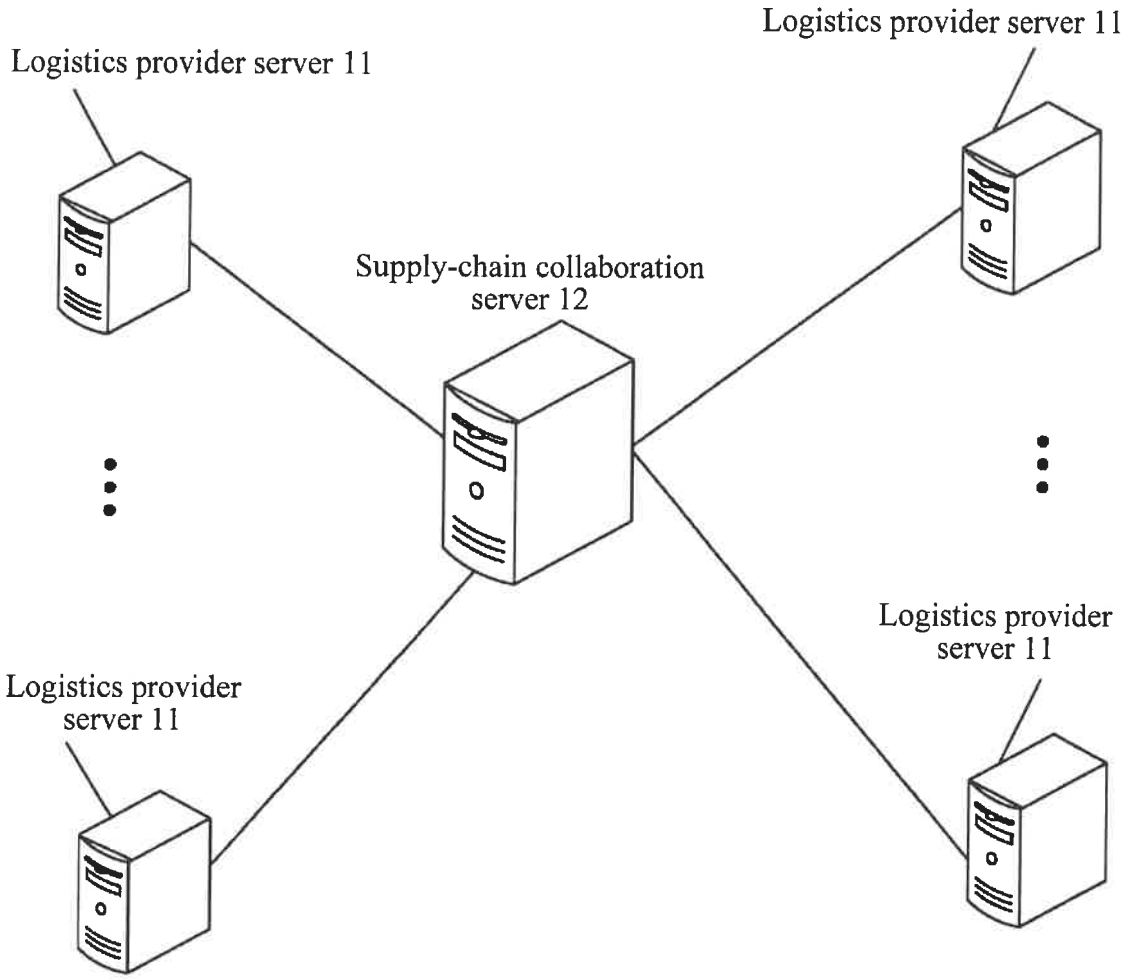

Logistics provider server 11
Logistics provider server 11
Supply-chain collaboration server 12
Logistics provider server 11
Logistics provider server 11

FIG. 1

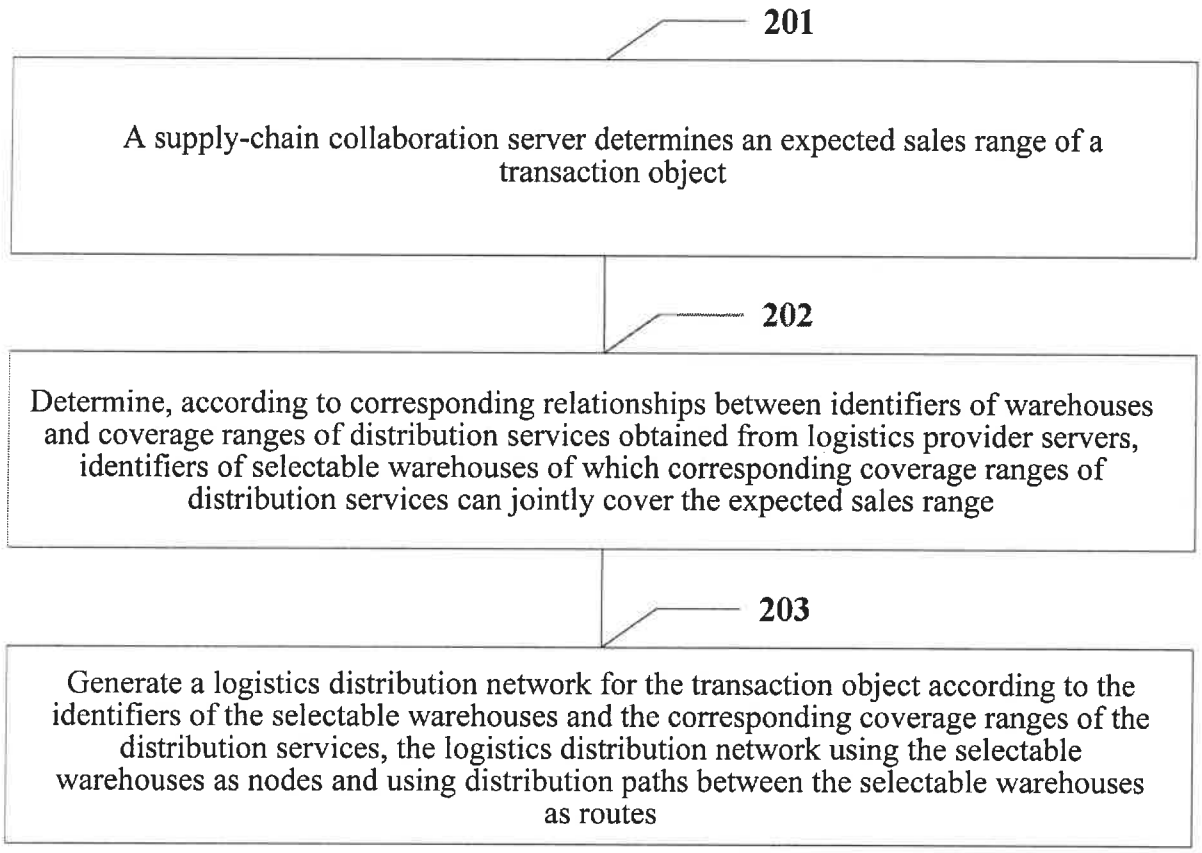

201
A supply-chain collaboration server determines an expected sales range of a transaction object
202
Determine, according to corresponding relationships between identifiers of warehouses and coverage ranges of distribution services obtained from logistics provider servers, identifiers of selectable warehouses of which corresponding coverage ranges of distribution services can jointly cover the expected sales range
203
Generate a logistics distribution network for the transaction object according to the identifiers of the selectable warehouses and the corresponding coverage ranges of the distribution services, the logistics distribution network using the selectable warehouses as nodes and using distribution paths between the selectable warehouses as routes

FIG. 2

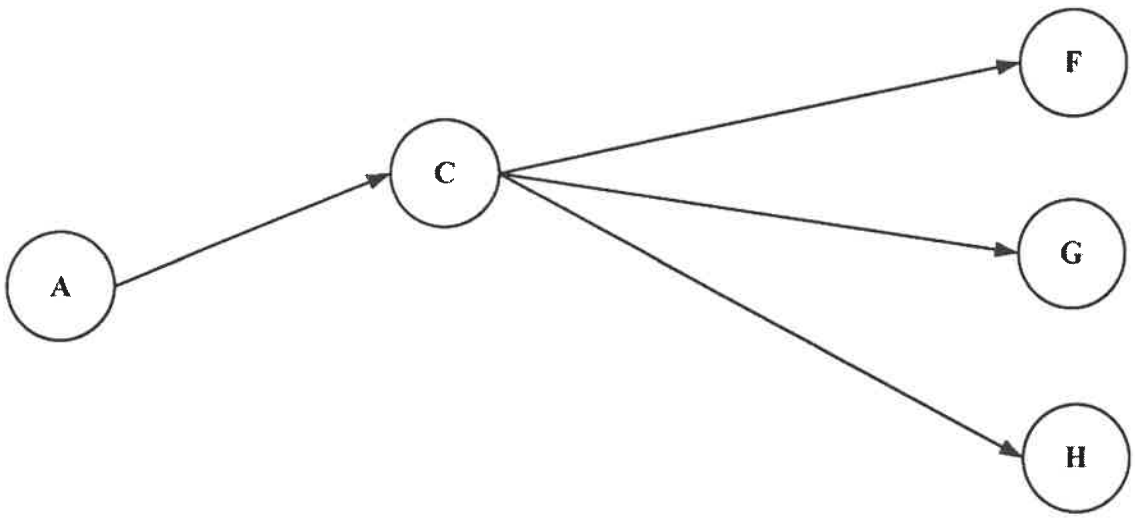

A
C
F
G
H

FIG. 3

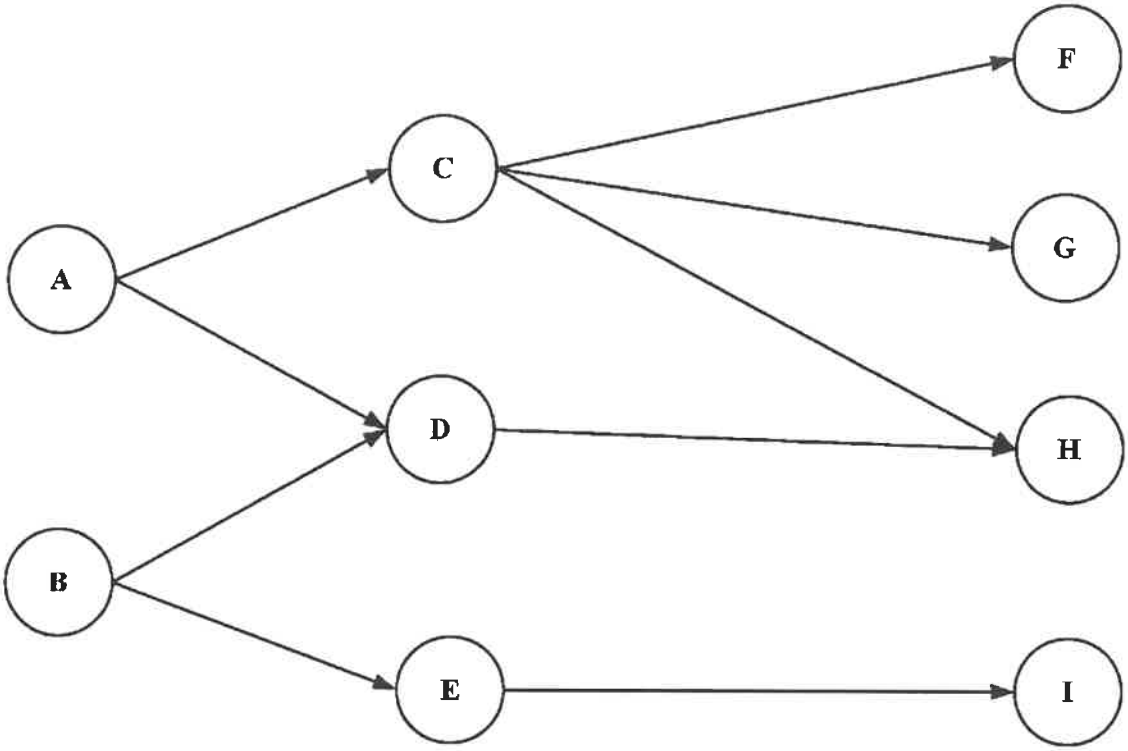


FIG. 4

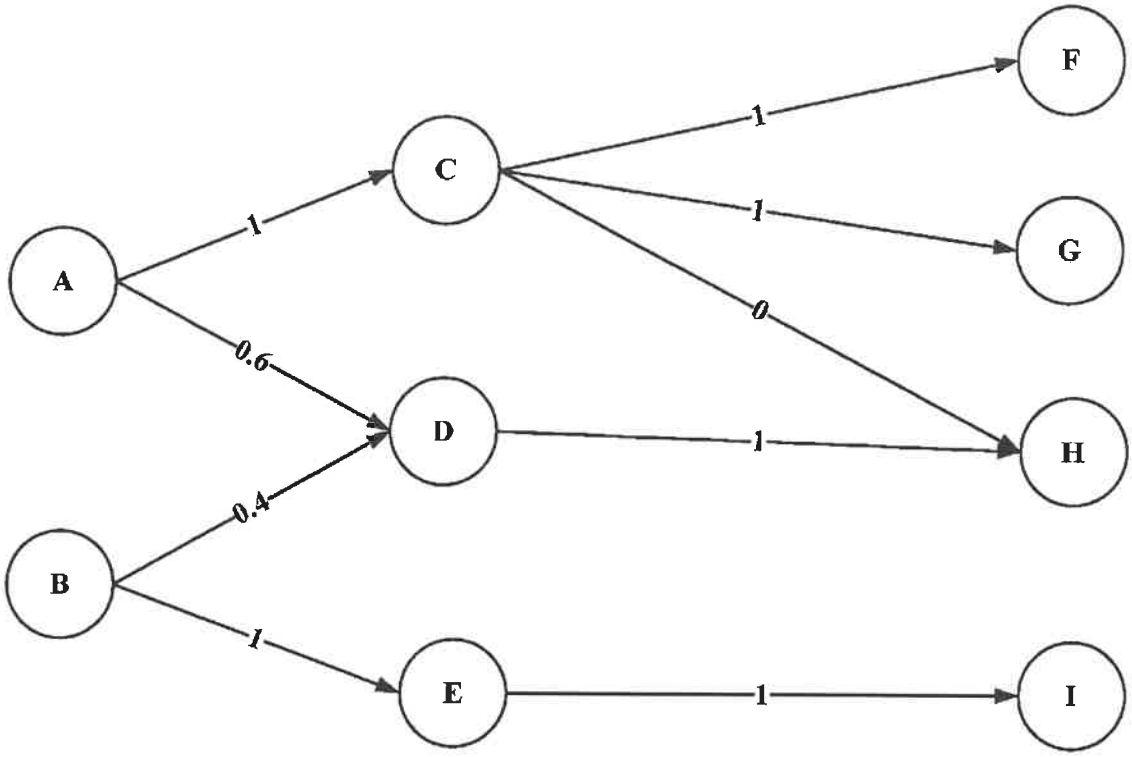


FIG. 5

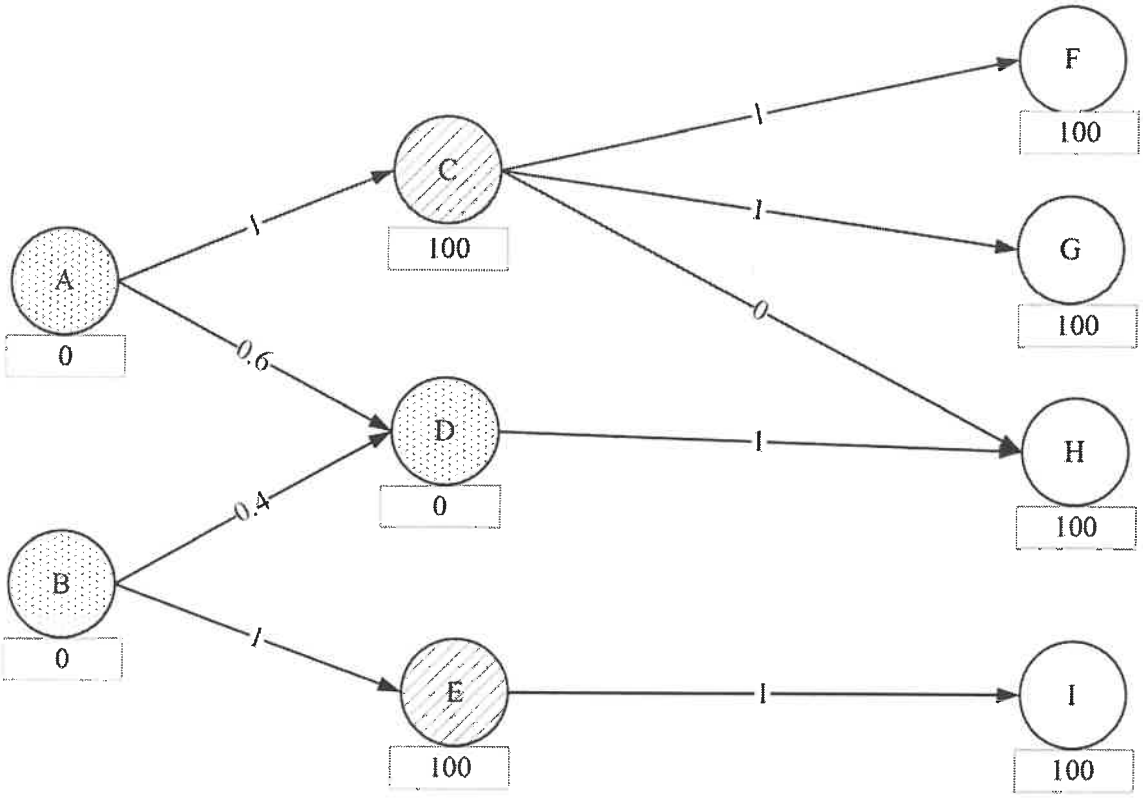


FIG. 6

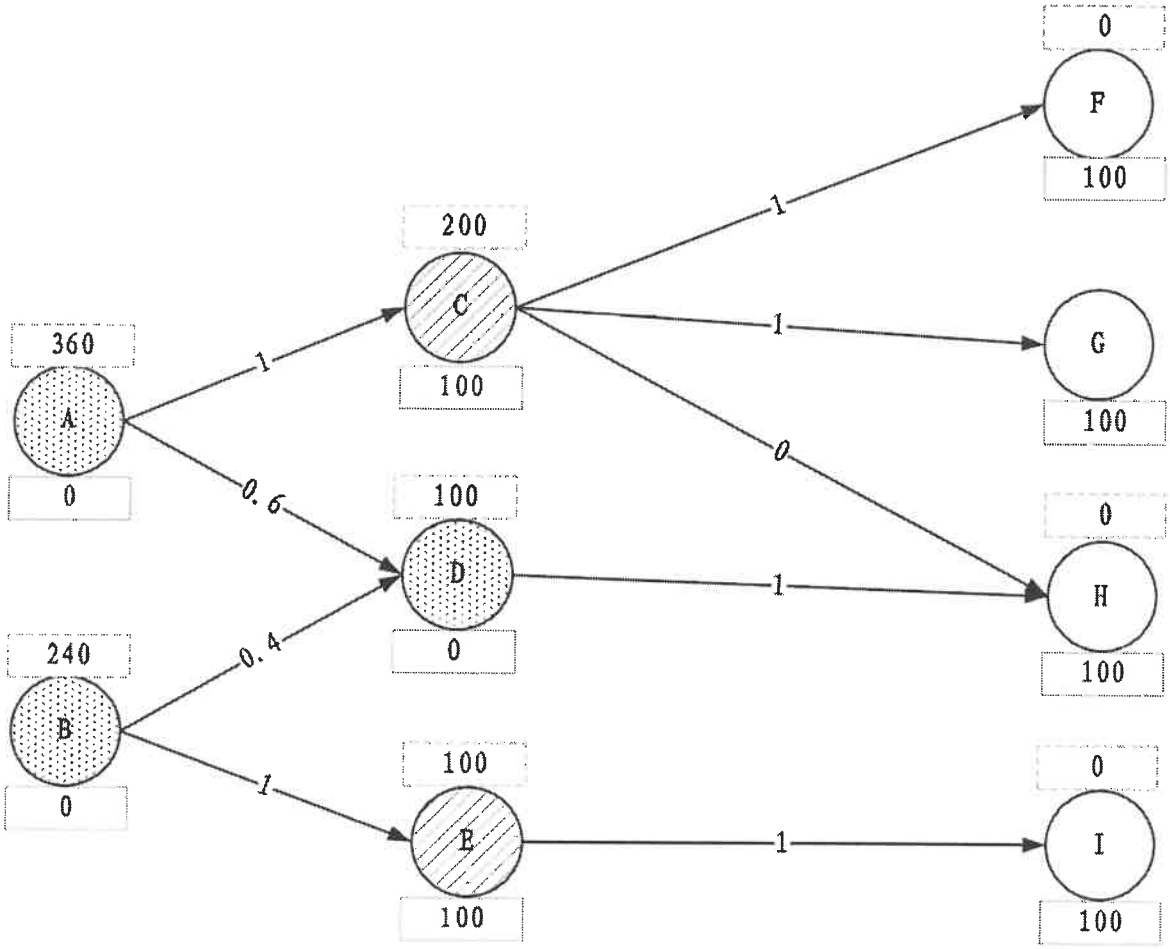

360
A
0
240
B
0
200
C
100
100
D
0
100
E
100
0
F
100
G
100
0
H
100
0
I
100
1
0.6
0.4
1
1
1
0
1
1

FIG. 7

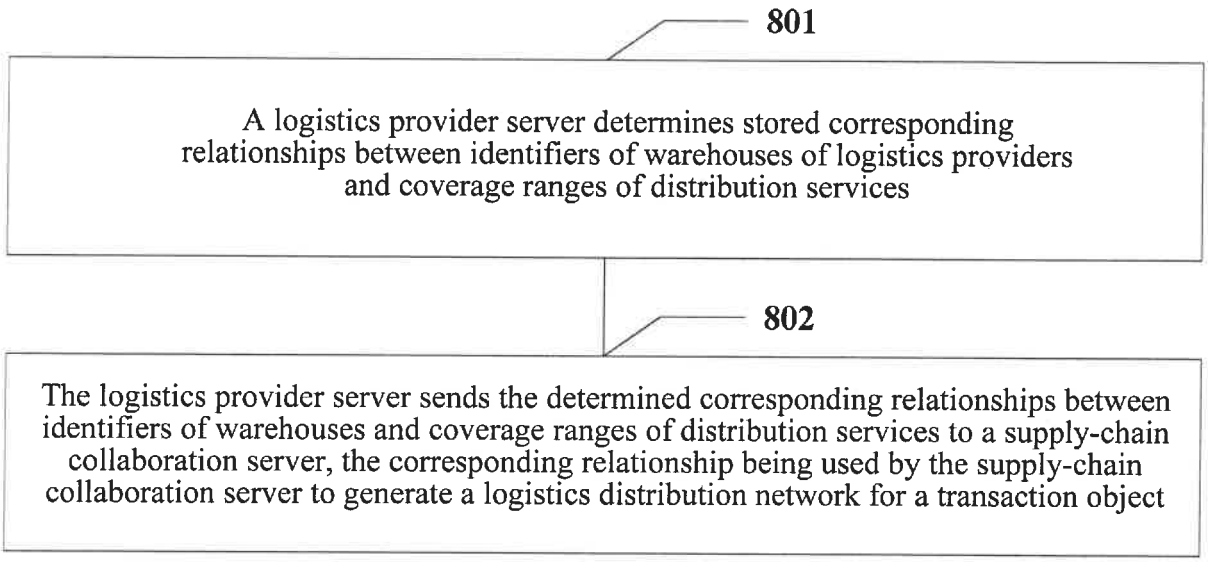

801
A logistics provider server determines stored corresponding relationships between identifiers of warehouses of logistics providers and coverage ranges of distribution services
802
The logistics provider server sends the determined corresponding relationships between identifiers of warehouses and coverage ranges of distribution services to a supply-chain collaboration server, the corresponding relationship being used by the supply-chain collaboration server to generate a logistics distribution network for a transaction object

FIG. 8

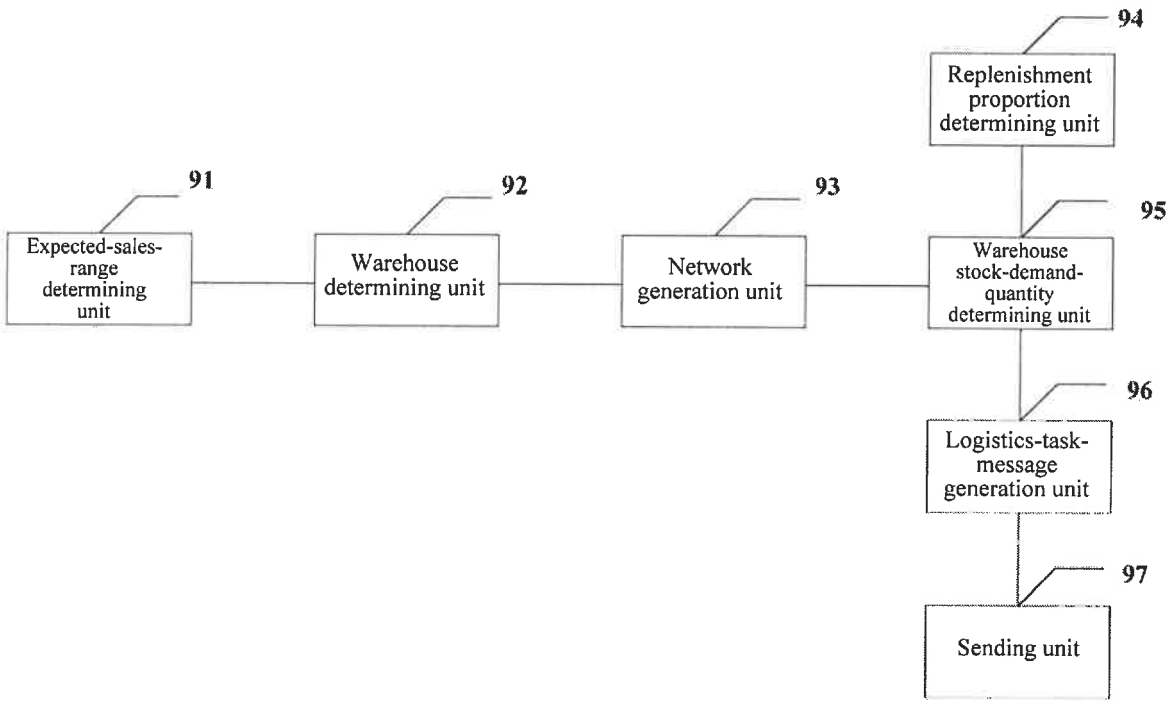

91
Expected-sales-range determining unit
92
Warehouse determining unit
93
Network generation unit
94
Replenishment proportion determining unit
95
Warehouse stock-demand-quantity determining unit
96
Logistics-task-message generation unit
97
Sending unit

FIG. 9

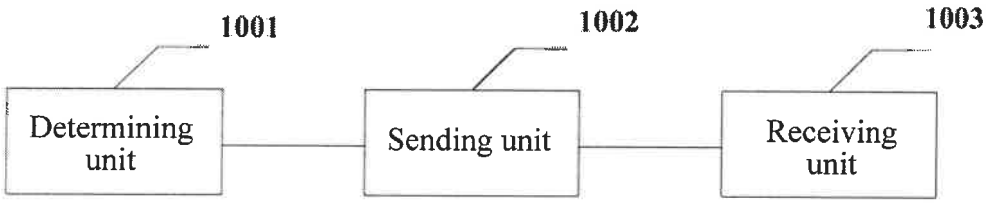

1001
1002
1003
Determining unit
Sending unit
Receiving unit

FIG. 10