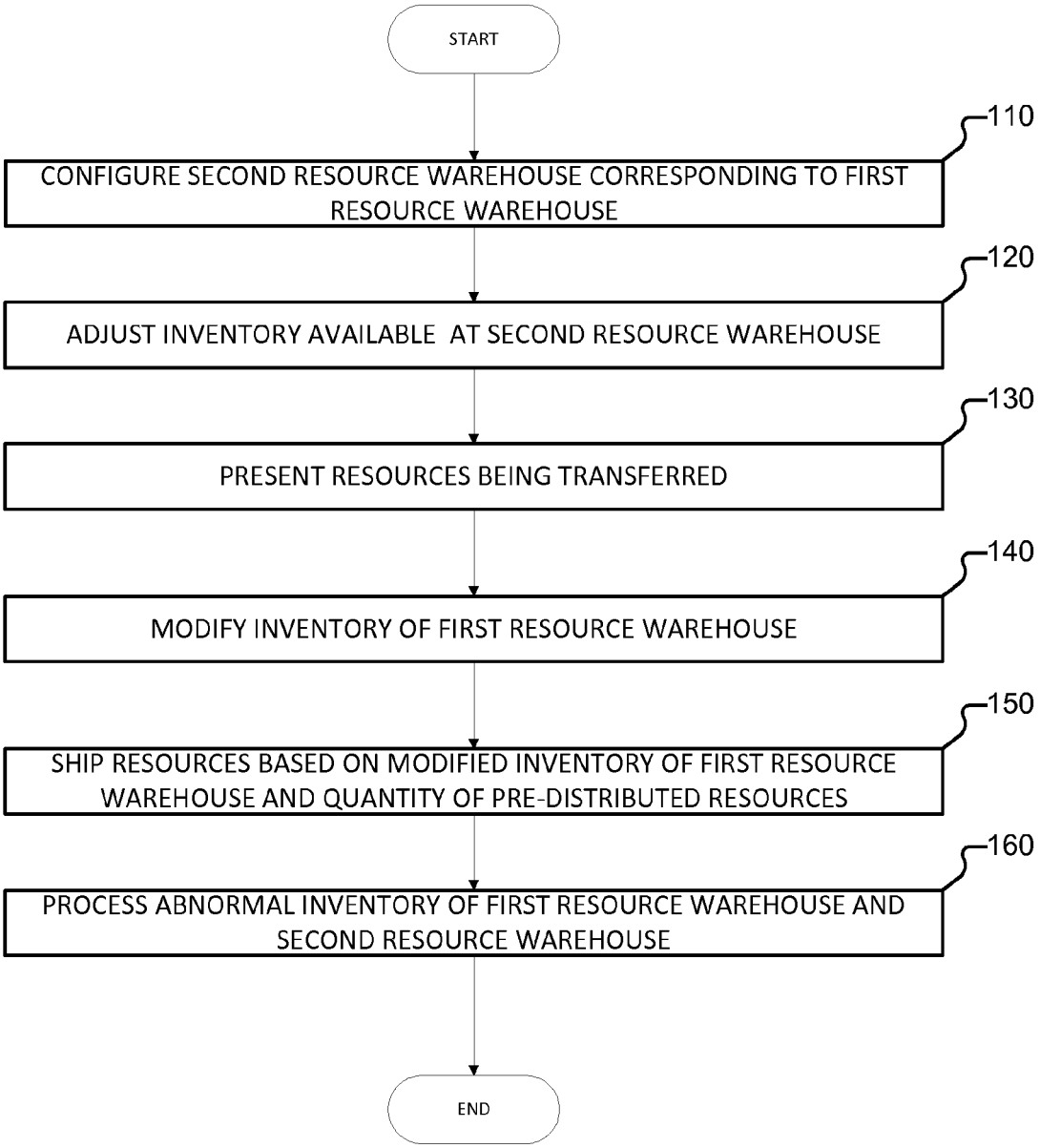
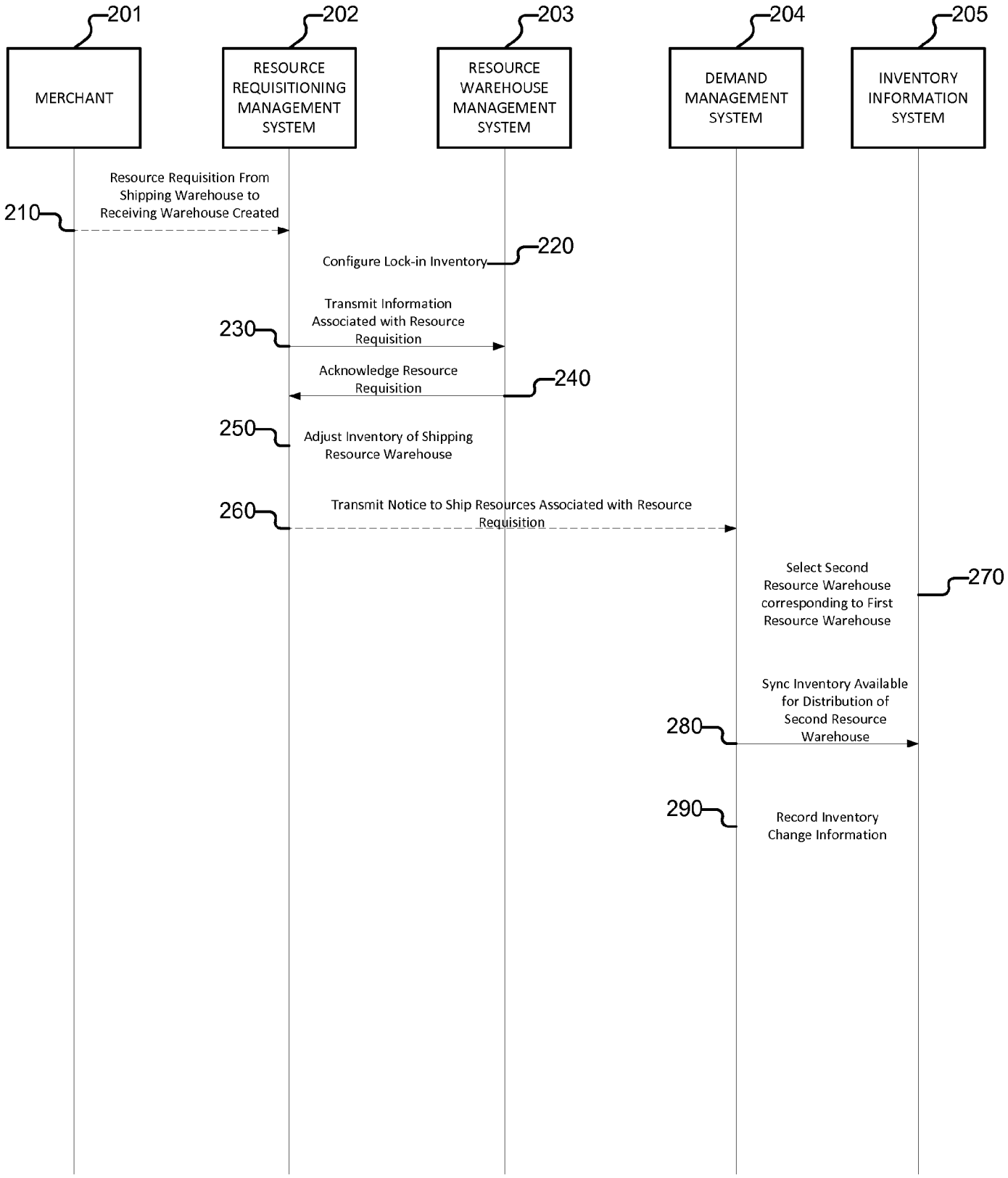

START
110
CONFIGURE SECOND RESOURCE WAREHOUSE CORRESPONDING TO FIRST RESOURCE WAREHOUSE
120
ADJUST INVENTORY AVAILABLE AT SECOND RESOURCE WAREHOUSE
130
PRESENT RESOURCES BEING TRANSFERRED
140
MODIFY INVENTORY OF FIRST RESOURCE WAREHOUSE
150
SHIP RESOURCES BASED ON MODIFIED INVENTORY OF FIRST RESOURCE WAREHOUSE AND QUANTITY OF PRE-DISTRIBUTED RESOURCES
160
PROCESS ABNORMAL INVENTORY OF FIRST RESOURCE WAREHOUSE AND SECOND RESOURCE WAREHOUSE
END

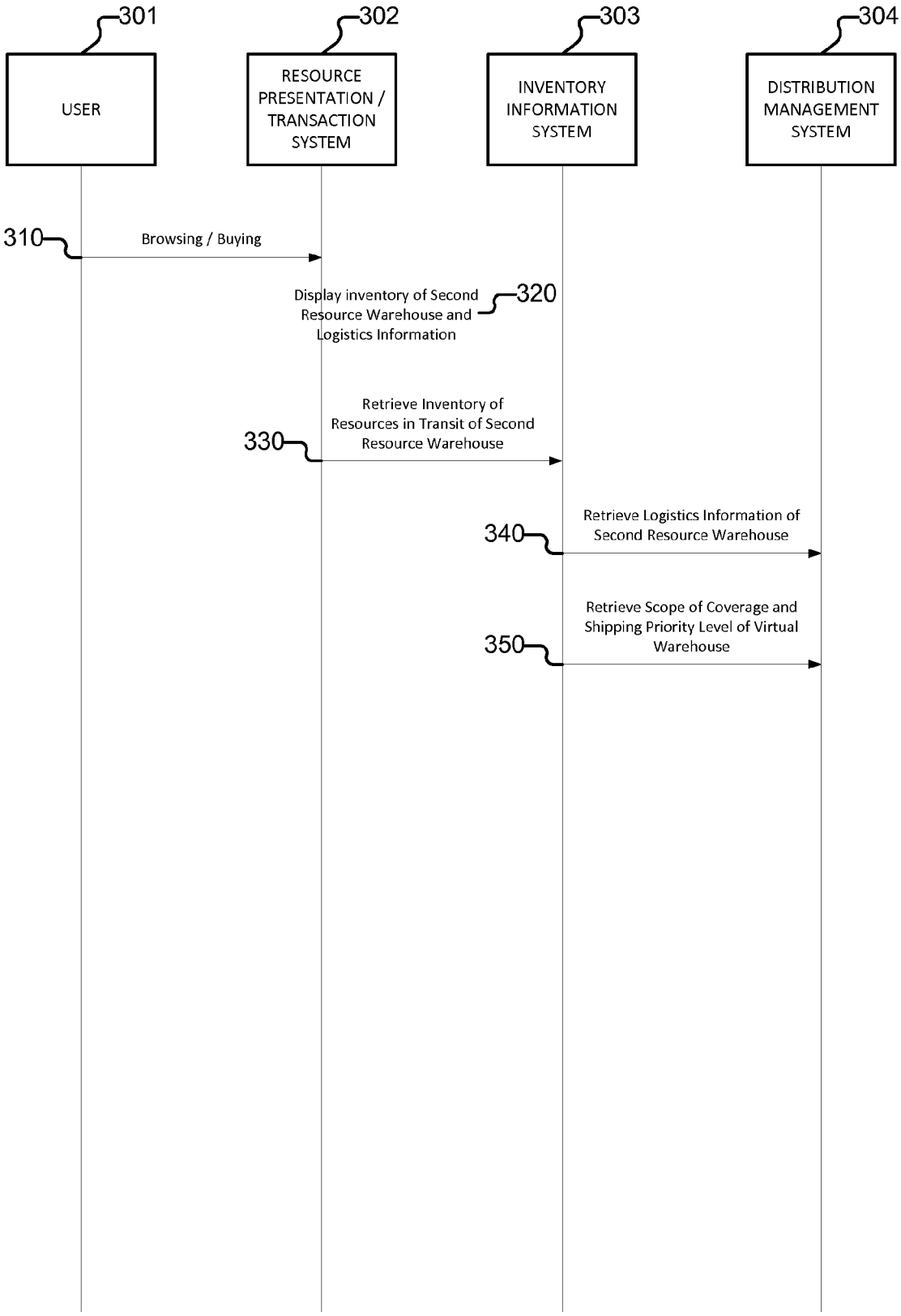
100

FIG. 1


201
202
203
204
205
MERCHANT
RESOURCE REQUISITIONING MANAGEMENT SYSTEM
RESOURCE WAREHOUSE MANAGEMENT SYSTEM
DEMAND MANAGEMENT SYSTEM
INVENTORY INFORMATION SYSTEM
210
Resource Requisition From Shipping Warehouse to Receiving Warehouse Created
220
Configure Lock-in Inventory
230
Transmit Information Associated with Resource Requisition
240
Acknowledge Resource Requisition
250
Adjust Inventory of Shipping Resource Warehouse
260
Transmit Notice to Ship Resources Associated with Resource Requisition
270
Select Second Resource Warehouse corresponding to First Resource Warehouse
280
Sync Inventory Available for Distribution of Second Resource Warehouse
290
Record Inventory Change Information

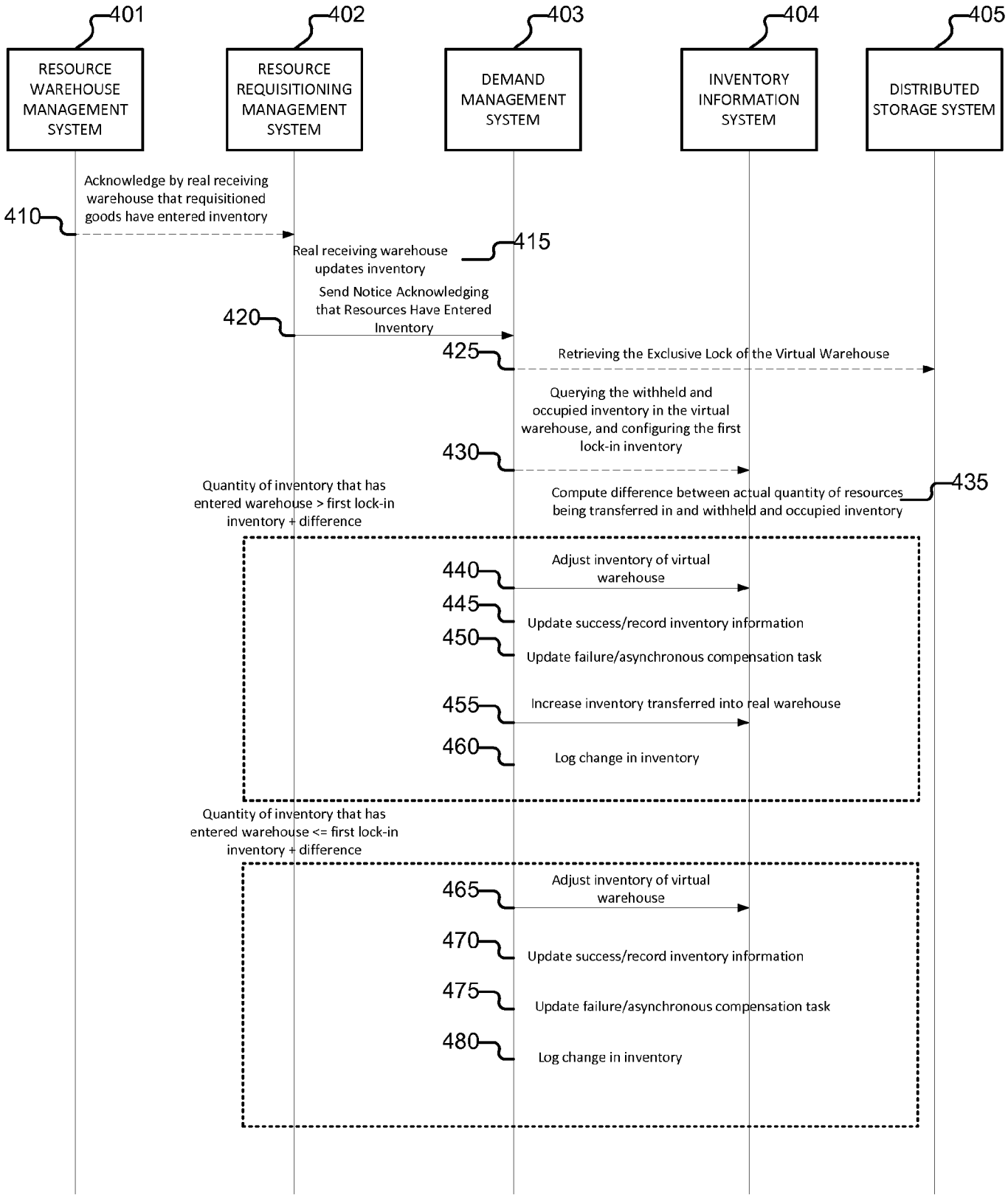
200

FIG. 2


301
302
303
304
USER
RESOURCE PRESENTATION / TRANSACTION SYSTEM
INVENTORY INFORMATION SYSTEM
DISTRIBUTION MANAGEMENT SYSTEM
310
Browsing / Buying
Display inventory of Second Resource Warehouse and Logistics Information
320
Retrieve Inventory of Resources in Transit of Second Resource Warehouse
330
Retrieve Logistics Information of Second Resource Warehouse
340
Retrieve Scope of Coverage and Shipping Priority Level of Virtual Warehouse
350

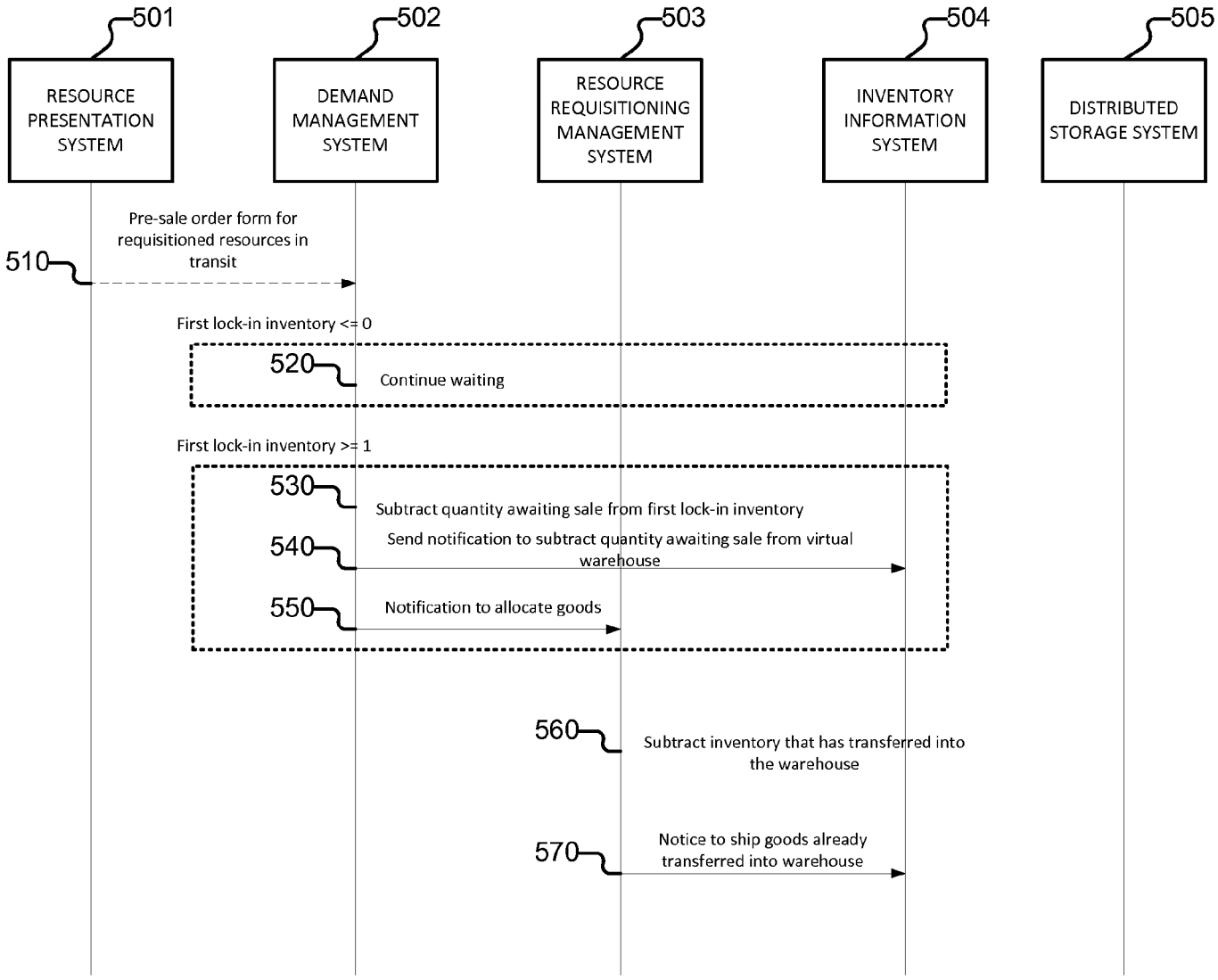
300

FIG. 3


401
RESOURCE WAREHOUSE MANAGEMENT SYSTEM
402
RESOURCE REQUISITIONING MANAGEMENT SYSTEM
403
DEMAND MANAGEMENT SYSTEM
404
INVENTORY INFORMATION SYSTEM
405
DISTRIBUTED STORAGE SYSTEM
410
Acknowledge by real receiving warehouse that requisitioned goods have entered inventory
415
Real receiving warehouse updates inventory
420
Send Notice Acknowledging that Resources Have Entered Inventory
425
Retrieving the Exclusive Lock of the Virtual Warehouse
430
Querying the withheld and occupied inventory in the virtual warehouse, and configuring the first lock-in inventory
435
Compute difference between actual quantity of resources being transferred in and withheld and occupied inventory
Quantity of inventory that has entered warehouse > first lock-in inventory + difference
440
Adjust inventory of virtual warehouse
445
Update success/record inventory information
450
Update failure/asynchronous compensation task
455
Increase inventory transferred into real warehouse
460
Log change in inventory
Quantity of inventory that has entered warehouse <= first lock-in inventory + difference
465
Adjust inventory of virtual warehouse
470
Update success/record inventory information
475
Update failure/asynchronous compensation task
480
Log change in inventory

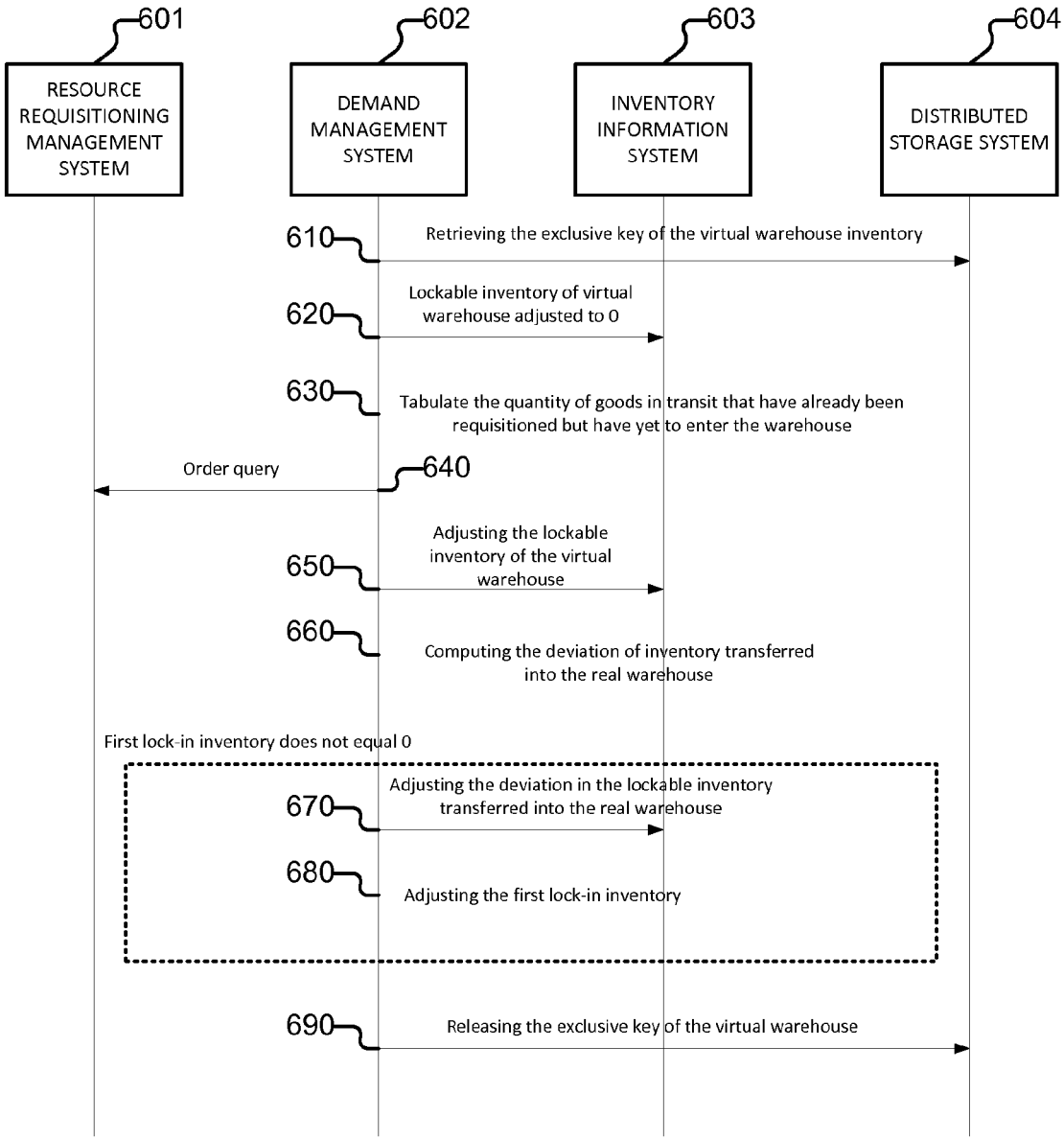
400

FIG. 4


501
RESOURCE PRESENTATION SYSTEM
502
DEMAND MANAGEMENT SYSTEM
503
RESOURCE REQUISITIONING MANAGEMENT SYSTEM
504
INVENTORY INFORMATION SYSTEM
505
DISTRIBUTED STORAGE SYSTEM
510
Pre-sale order form for requisitioned resources in transit
First lock-in inventory <= 0
520
Continue waiting
First lock-in inventory >= 1
530
Subtract quantity awaiting sale from first lock-in inventory
540
Send notification to subtract quantity awaiting sale from virtual warehouse
550
Notification to allocate goods
560
Subtract inventory that has transferred into the warehouse
570
Notice to ship goods already transferred into warehouse

500

FIG. 5


601
602
603
604
RESOURCE REQUISITIONING MANAGEMENT SYSTEM
DEMAND MANAGEMENT SYSTEM
INVENTORY INFORMATION SYSTEM
DISTRIBUTED STORAGE SYSTEM
610
Retrieving the exclusive key of the virtual warehouse inventory
620
Lockable inventory of virtual warehouse adjusted to 0
630
Tabulate the quantity of goods in transit that have already been requisitioned but have yet to enter the warehouse
Order query
640
650
Adjusting the lockable inventory of the virtual warehouse
660
Computing the deviation of inventory transferred into the real warehouse
First lock-in inventory does not equal 0
670
Adjusting the deviation in the lockable inventory transferred into the real warehouse
680
Adjusting the first lock-in inventory
690
Releasing the exclusive key of the virtual warehouse

600

FIG. 6

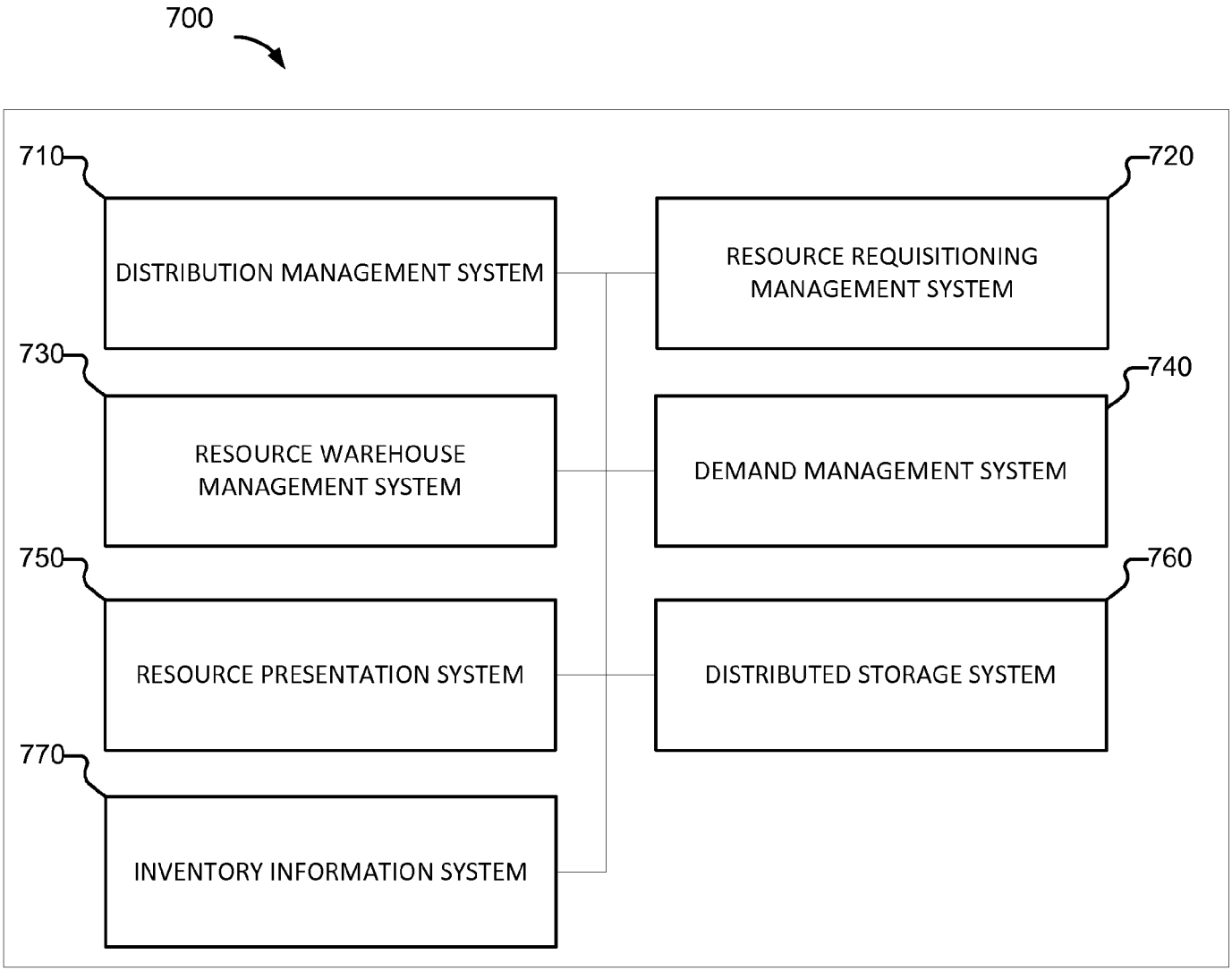

700
710
DISTRIBUTION MANAGEMENT SYSTEM
720
RESOURCE REQUISITIONING MANAGEMENT SYSTEM
730
RESOURCE WAREHOUSE MANAGEMENT SYSTEM
740
DEMAND MANAGEMENT SYSTEM
750
RESOURCE PRESENTATION SYSTEM
760
DISTRIBUTED STORAGE SYSTEM
770
INVENTORY INFORMATION SYSTEM

FIG. 7

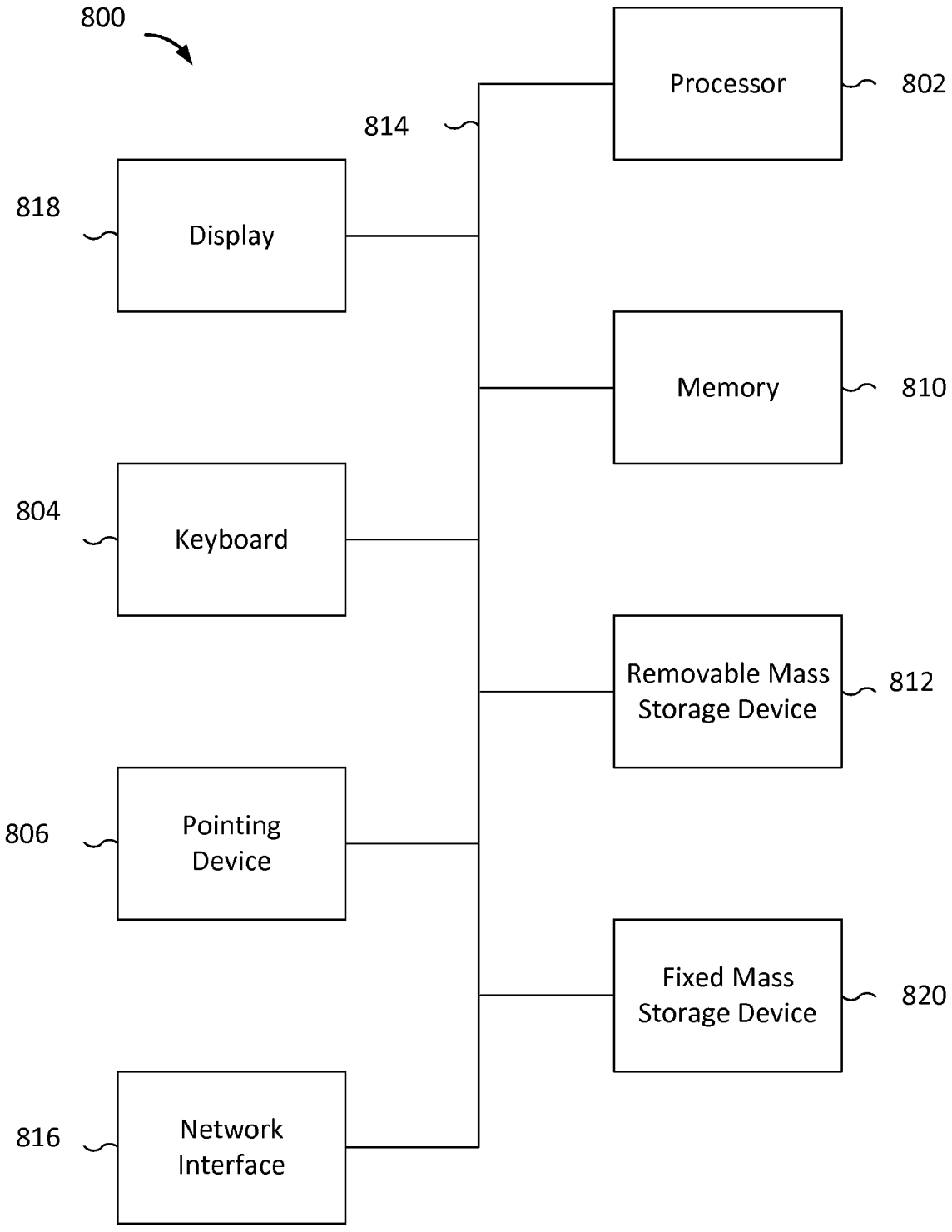

800
Processor
802
814
818
Display
Memory
810
804
Keyboard
Removable Mass Storage Device
812
806
Pointing Device
Fixed Mass Storage Device
820
816
Network Interface

FIG. 8