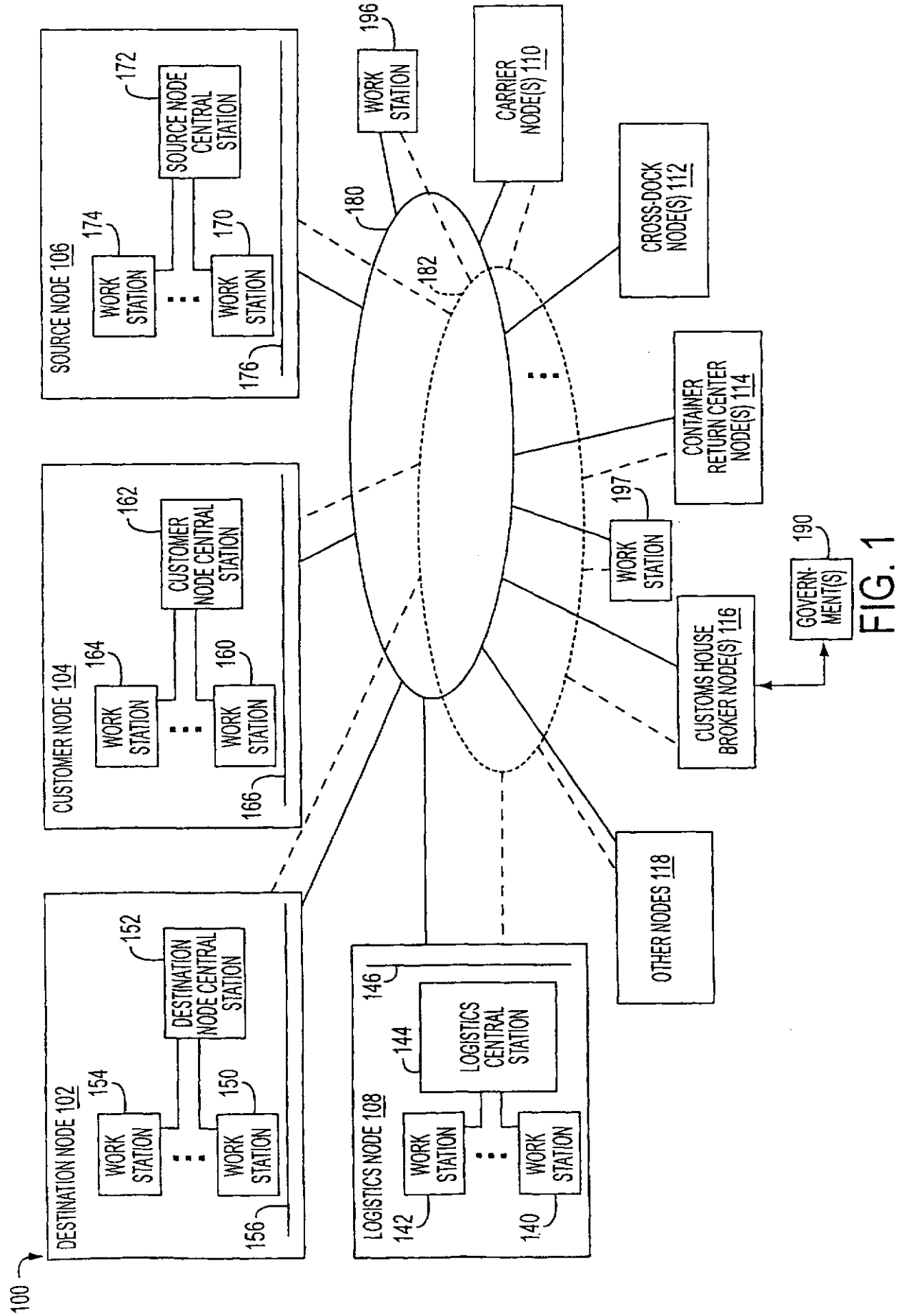

100
DESTINATION NODE 102
WORK STATION 154
WORK STATION 150
DESTINATION NODE CENTRAL STATION 152
156
SOURCE NODE 106
WORK STATION 174
WORK STATION 170
SOURCE NODE CENTRAL STATION 172
176
CUSTOMER NODE 104
WORK STATION 164
WORK STATION 160
CUSTOMER NODE CENTRAL STATION 162
166
LOGISTICS NODE 108
WORK STATION 142
WORK STATION 140
LOGISTICS CENTRAL STATION 144
146
WORK STATION 196
CARRIER NODE(S) 110
CROSS-DOCK NODE(S) 112
CONTAINER RETURN CENTER NODE(S) 114
WORK STATION 197
GOVERNMENT(S) 190
CUSTOMS HOUSE BROKER NODE(S) 116
OTHER NODES 118
180
182

FIG. 1

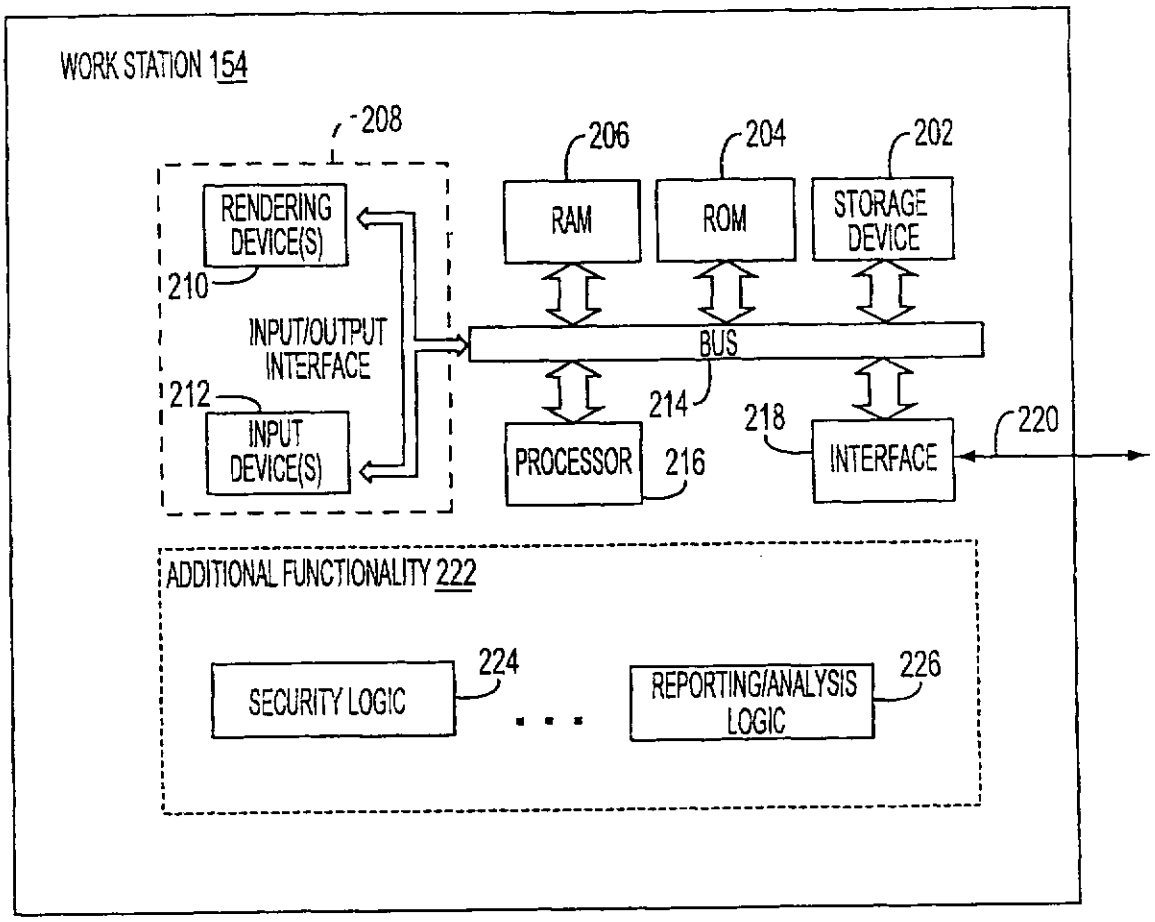

WORK STATION 154
208
206
204
202
RENDERING DEVICE(S)
210
RAM
ROM
STORAGE DEVICE
INPUT/OUTPUT INTERFACE
BUS
212
214
218
220
INPUT DEVICE(S)
PROCESSOR
216
INTERFACE
ADDITIONAL FUNCTIONALITY 222
224
226
SECURITY LOGIC
REPORTING/ANALYSIS LOGIC

FIG. 2

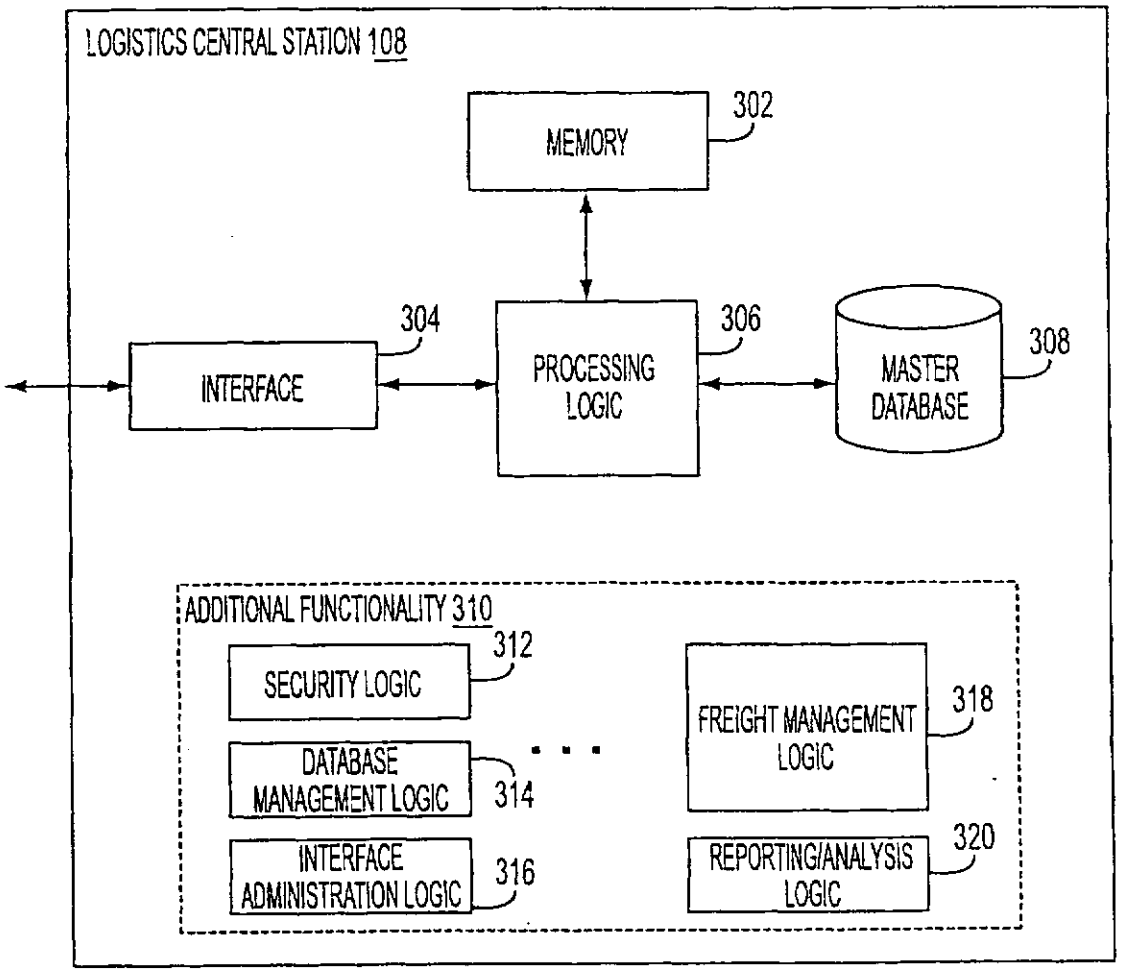

LOGISTICS CENTRAL STATION 108
MEMORY
302
304
INTERFACE
306
PROCESSING LOGIC
308
MASTER DATABASE
ADDITIONAL FUNCTIONALITY 310
312
SECURITY LOGIC
DATABASE MANAGEMENT LOGIC
314
INTERFACE ADMINISTRATION LOGIC
316
FREIGHT MANAGEMENT LOGIC
318
REPORTING/ANALYSIS LOGIC
320

FIG. 3

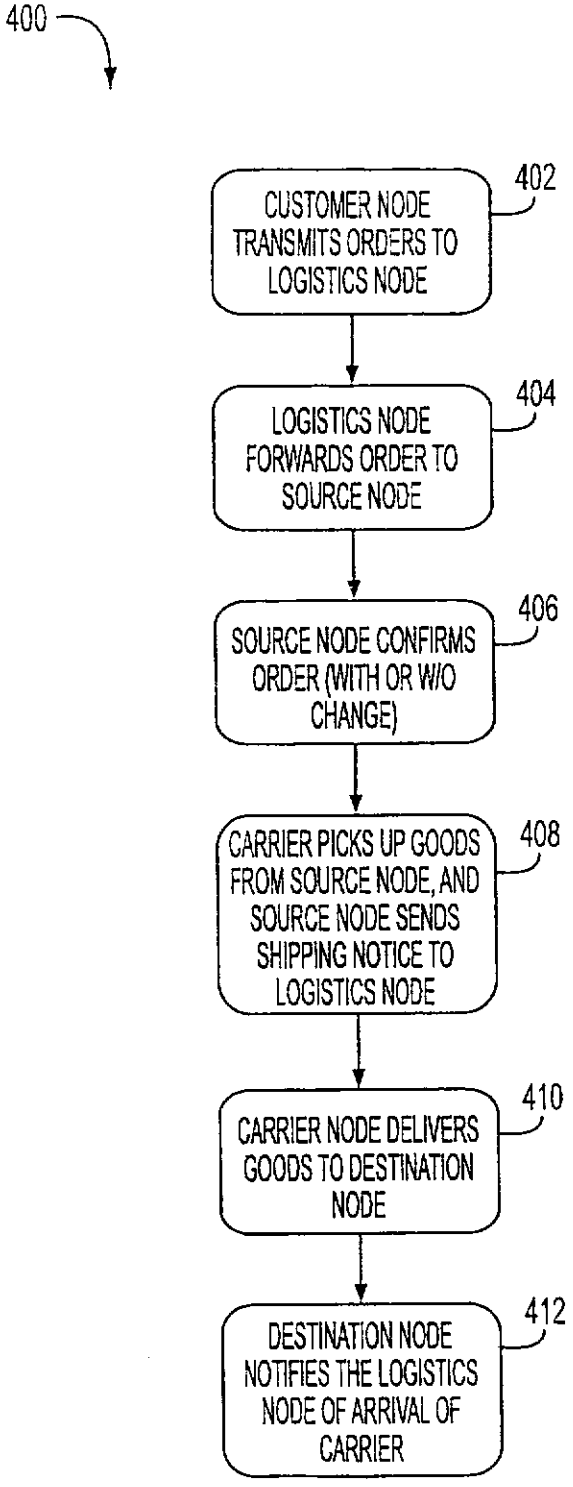

400
CUSTOMER NODE TRANSMITS ORDERS TO LOGISTICS NODE
402
LOGISTICS NODE FORWARDS ORDER TO SOURCE NODE
404
SOURCE NODE CONFIRMS ORDER (WITH OR W/O CHANGE)
406
CARRIER PICKS UP GOODS FROM SOURCE NODE, AND SOURCE NODE SENDS SHIPPING NOTICE TO LOGISTICS NODE
408
CARRIER NODE DELIVERS GOODS TO DESTINATION NODE
410
DESTINATION NODE NOTIFIES THE LOGISTICS NODE OF ARRIVAL OF CARRIER
412

FIG. 4

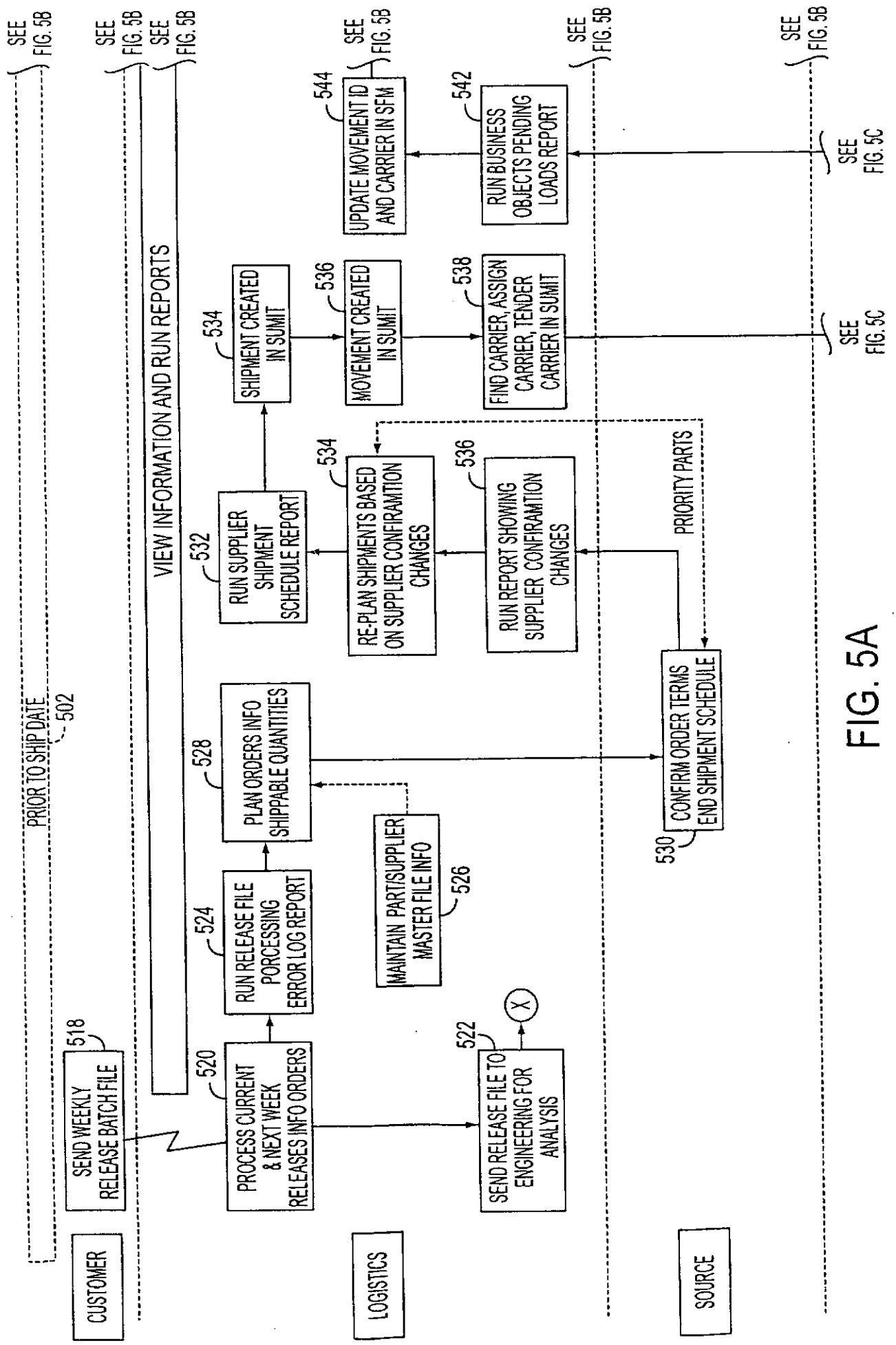

SEE FIG. 5B
SEE FIG. 5B
SEE FIG. 5B
SEE FIG. 5B
SEE FIG. 5B
SEE FIG. 5B
SEE FIG. 5C
SEE FIG. 5C
VIEW INFORMATION AND RUN REPORTS
PRIOR TO SHIP DATE
502
CUSTOMER
LOGISTICS
SOURCE
518
SEND WEEKLY RELEASE BATCH FILE
520
PROCESS CURRENT & NEXT WEEK RELEASES INFO ORDERS
522
SEND RELEASE FILE TO ENGINEERING FOR ANALYSIS
X
524
RUN RELEASE FILE PORCESSING ERROR LOG REPORT
526
MAINTAIN PART/SUPPLIER MASTER FILE INFO
528
PLAN ORDERS INFO SHIPPABLE QUANTITIES
530
CONFIRM ORDER TERMS END SHIPMENT SCHEDULE
532
RUN SUPPLIER SHIPMENT SCHEDULE REPORT
534
SHIPMENT CREATED IN SUMIT
534
RE-PLAN SHIPMENTS BASED ON SUPPLIER CONFIRAMTION CHANGES
536
RUN REPORT SHOWING SUPPLIER CONFIRAMTION CHANGES
PRIORITY PARTS
536
MOVEMENT CREATED IN SUMIT
538
FIND CARRIER, ASSIGN CARRIER, TENDER CARRIER IN SUMIT
542
RUN BUSINESS OBJECTS PENDING LOADS REPORT
544
UPDATE MOVEMENT ID AND CARRIER IN SFM

FIG. 5A

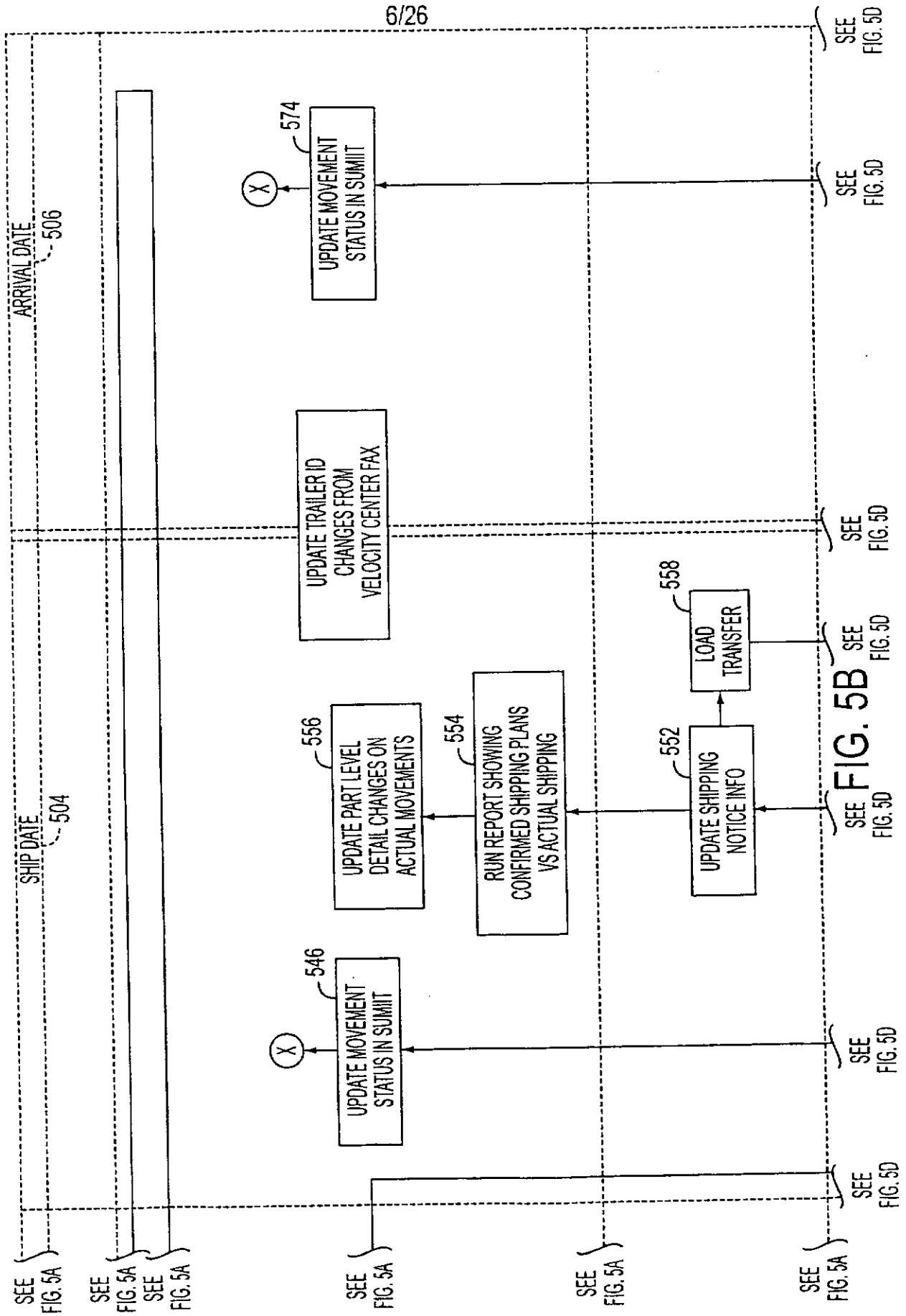

SHIP DATE
504
ARRIVAL DATE
506
UPDATE MOVEMENT STATUS IN SUMIT
574
UPDATE TRAILER ID CHANGES FROM VELOCITY CENTER FAX
UPDATE PART LEVEL DETAIL CHANGES ON ACTUAL MOVEMENTS
556
RUN REPORT SHOWING CONFIRMED SHIPPING PLANS VS ACTUAL SHIPPING
554
LOAD TRANSFER
558
UPDATE SHIPPING NOTICE INFO
552
UPDATE MOVEMENT STATUS IN SUMIT
546
SEE FIG. 5A
SEE FIG. 5D

FIG. 5B

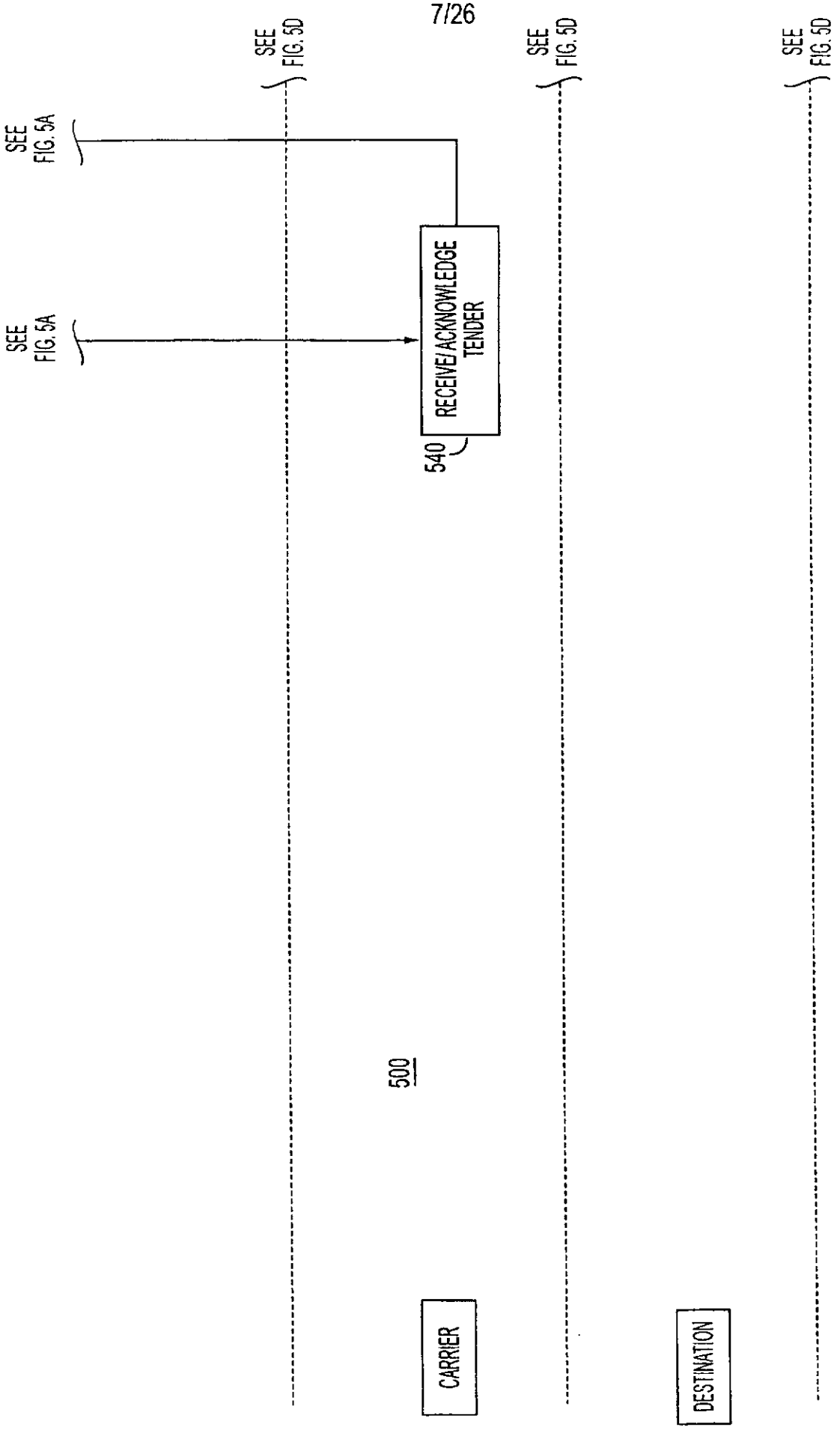

SEE FIG. 5D
SEE FIG. 5D
SEE FIG. 5D
SEE FIG. 5A
SEE FIG. 5A
RECEIVE/ ACKNOWLEDGE TENDER
540
500
CARRIER
DESTINATION

FIG. 5C

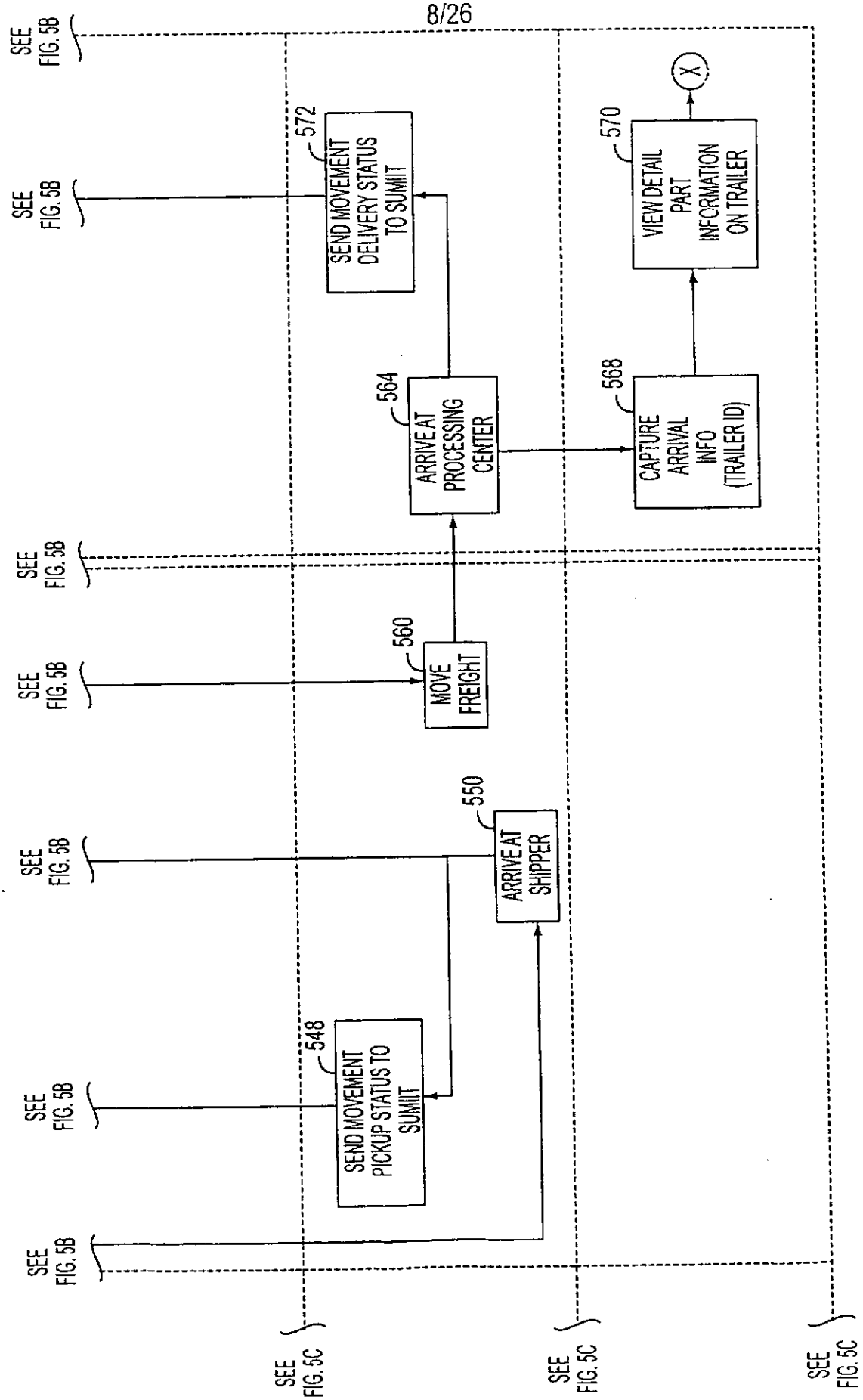

SEE FIG. 5B
SEE FIG. 5B
572
SEND MOVEMENT DELIVERY STATUS TO SUMIT
570
VIEW DETAIL PART INFORMATION ON TRAILER
X
564
ARRIVE AT PROCESSING CENTER
568
CAPTURE ARRIVAL INFO (TRAILER ID)
SEE FIG. 5B
SEE FIG. 5B
560
MOVE FREIGHT
SEE FIG. 5B
550
ARRIVE AT SHIPPER
SEE FIG. 5B
548
SEND MOVEMENT PICKUP STATUS TO SUMIT
SEE FIG. 5B
SEE FIG. 5C
SEE FIG. 5C
SEE FIG. 5C

FIG. 5D

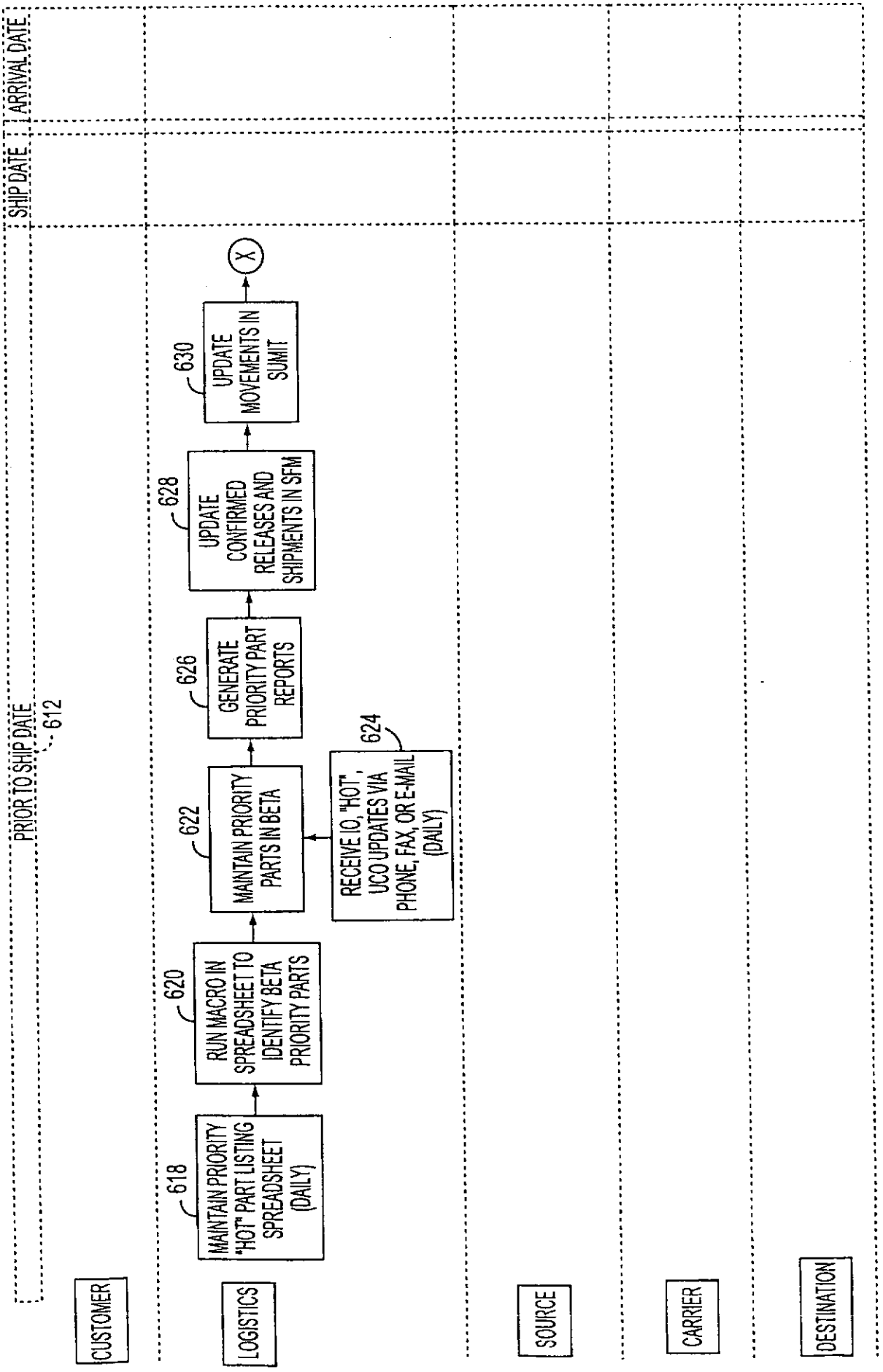

SHIP DATE
ARRIVAL DATE
PRIOR TO SHIP DATE
612
CUSTOMER
LOGISTICS
SOURCE
CARRIER
DESTINATION
618
MAINTAIN PRIORITY "HOT" PART LISTING SPREADSHEET (DAILY)
620
RUN MACRO IN SPREADSHEET TO IDENTIFY BETA PRIORITY PARTS
622
MAINTAIN PRIORITY PARTS IN BETA
624
RECEIVE IO, "HOT", UCO UPDATES VIA PHONE, FAX, OR E-MAIL (DAILY)
626
GENERATE PRIORITY PART REPORTS
628
UPDATE CONFIRMED RELEASES AND SHIPMENTS IN SFM
630
UPDATE MOVEMENTS IN SUMIT
X

FIG. 6

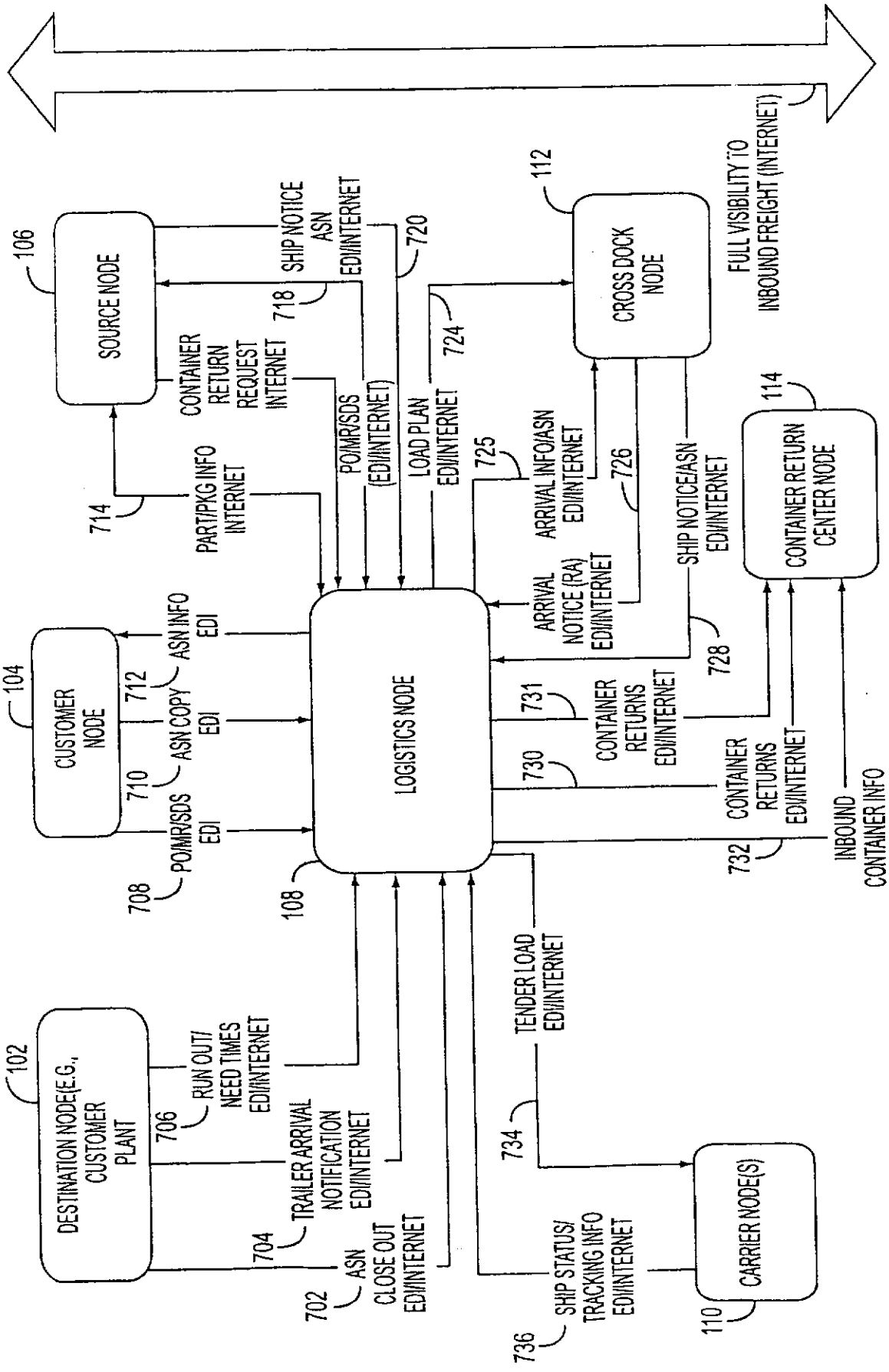

FULL VISIBILITY TO INBOUND FREIGHT (INTERNET)
SOURCE NODE
106
CROSS DOCK NODE
112
CONTAINER RETURN CENTER NODE
114
CUSTOMER NODE
104
LOGISTICS NODE
108
DESTINATION NODE(E.G., CUSTOMER PLANT
102
CARRIER NODE(S)
110
SHIP NOTICE ASN EDI/INTERNET
720
718
CONTAINER RETURN REQUEST INTERNET
PART/PKG INFO INTERNET
714
PO/MR/SDS (EDI/INTERNET)
LOAD PLAN EDI/INTERNET
724
725
ARRIVAL INFO/ASN EDI/INTERNET
726
ARRIVAL NOTICE (RA) EDI/INTERNET
SHIP NOTICE/ASN EDI/INTERNET
ASN INFO EDI
712
ASN COPY EDI
710
PO/MR/SDS EDI
708
731
CONTAINER RETURNS EDI/INTERNET
730
CONTAINER RETURNS EDI/INTERNET
732
INBOUND CONTAINER INFO EDI/INTERNET
728
TENDER LOAD EDI/INTERNET
734
RUN OUT/ NEED TIMES EDI/INTERNET
706
TRAILER ARRIVAL NOTIFICATION EDI/INTERNET
704
ASN CLOSE OUT EDI/INTERNET
702
SHIP STATUS/ TRACKING INFO EDI/INTERNET
736

FIG. 7

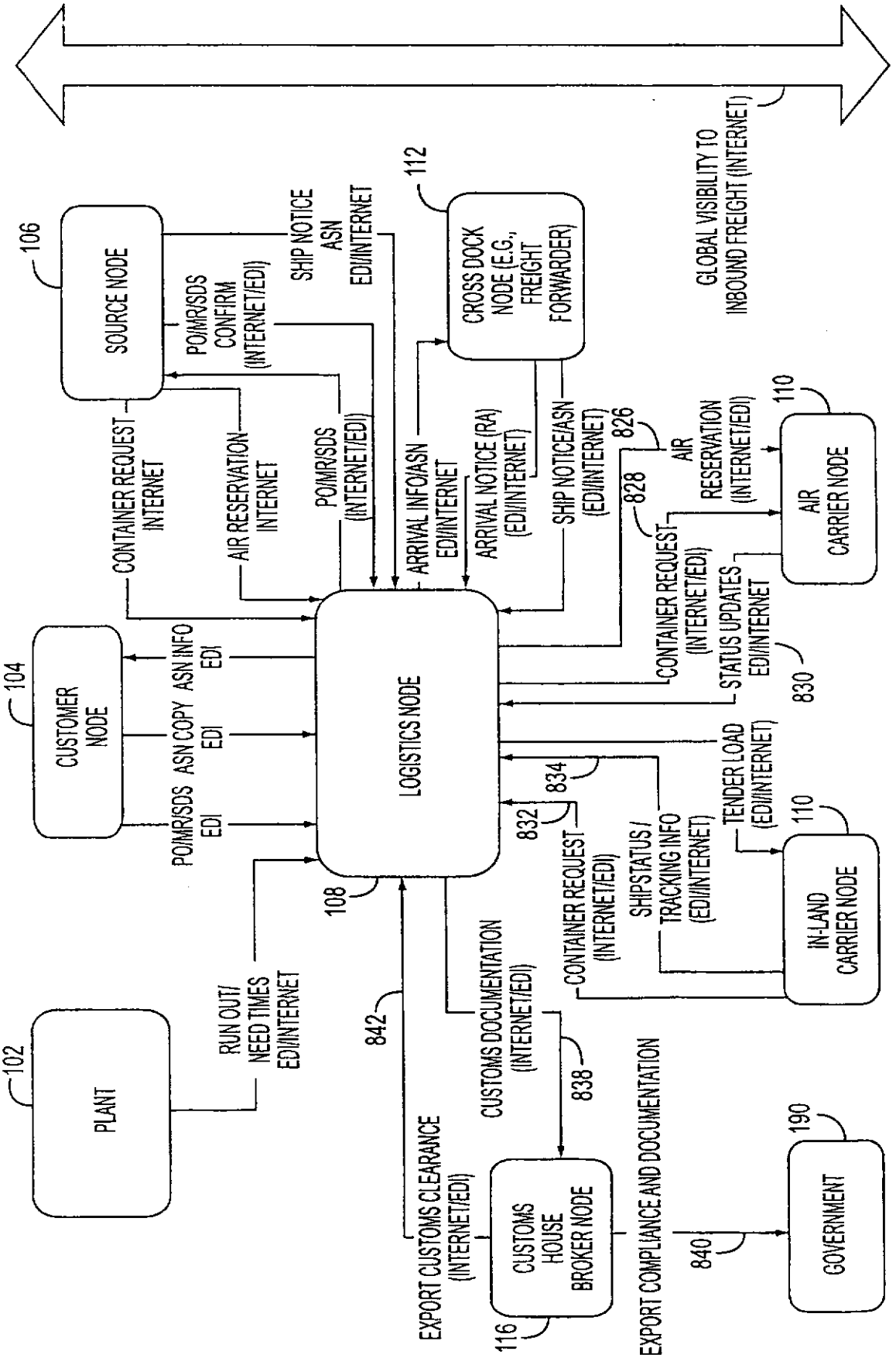

GLOBAL VISIBILITY TO INBOUND FREIGHT (INTERNET)
106
SOURCE NODE
112
CROSS DOCK NODE (E.G., FREIGHT FORWARDER)
110
AIR CARRIER NODE
104
CUSTOMER NODE
LOGISTICS NODE
108
102
PLANT
110
IN-LAND CARRIER NODE
116
CUSTOMS HOUSE BROKER NODE
190
GOVERNMENT
CONTAINER REQUEST INTERNET
AIR RESERVATION INTERNET
PO/MR/SDS (INTERNET/EDI)
ARRIVAL INFO/ASN EDI/INTERNET
ARRIVAL NOTICE (RA) (EDI/INTERNET)
SHIP NOTICE/ASN (EDI/INTERNET)
SHIP NOTICE ASN EDI/INTERNET
PO/MR/SDS CONFIRM (INTERNET/EDI)
AIR RESERVATION (INTERNET/EDI)
826
828
CONTAINER REQUEST (INTERNET/EDI)
STATUS UPDATES EDI/INTERNET
830
ASN INFO EDI
ASN COPY EDI
PO/MR/SDS EDI
TENDER LOAD (EDI/INTERNET)
834
832
CONTAINER REQUEST (INTERNET/EDI)
SHIPSTATUS / TRACKING INFO (EDI/INTERNET)
RUN OUT/ NEED TIMES EDI/INTERNET
842
CUSTOMS DOCUMENTATION (INTERNET/EDI)
838
EXPORT CUSTOMS CLEARANCE (INTERNET/EDI)
EXPORT COMPLIANCE AND DOCUMENTATION
840

FIG. 8

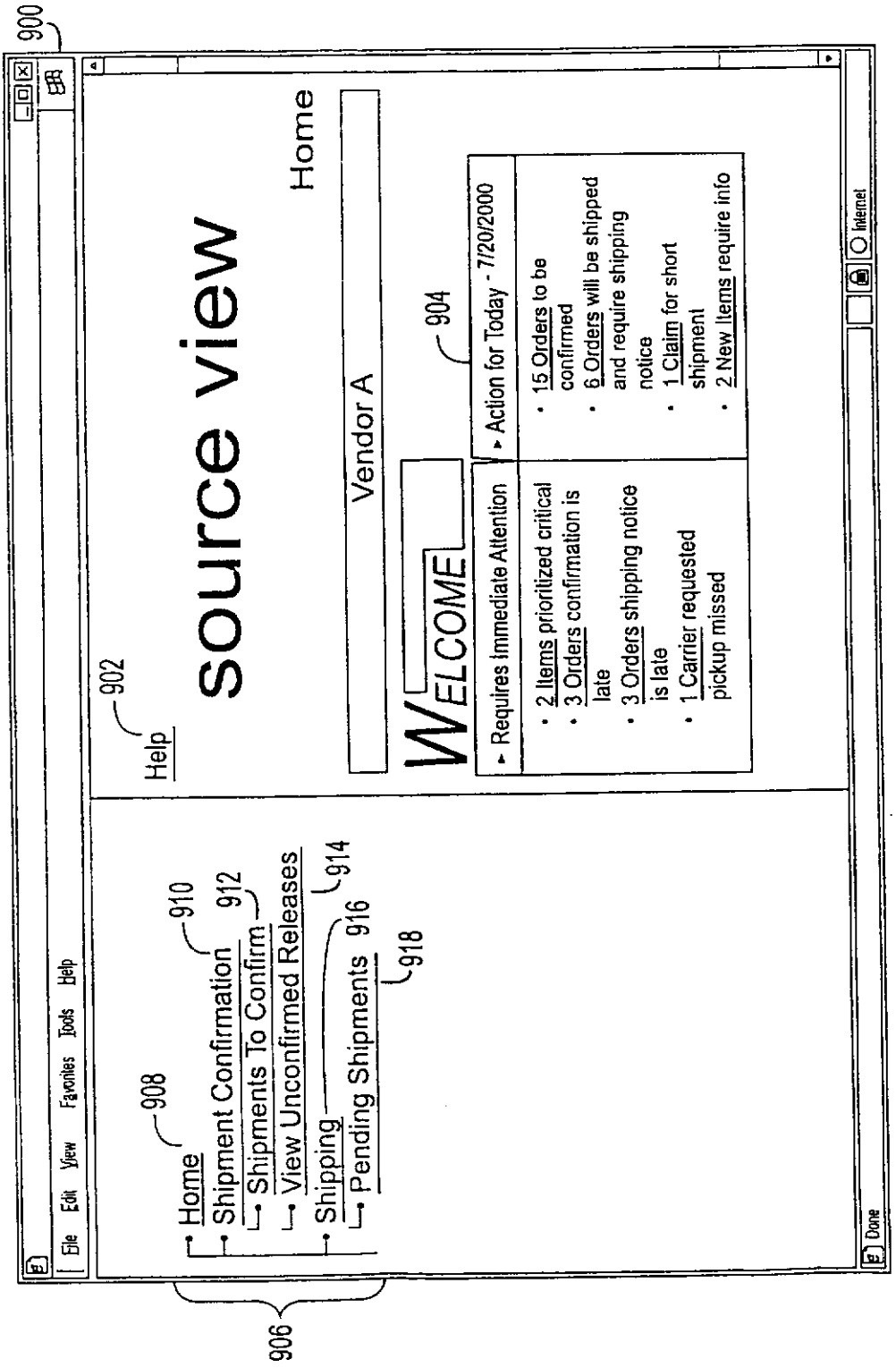

900
File Edit View Favorites Tools Help
902
Help
source view
Home
Vendor A
WELCOME
904
Requires Immediate Attention
2 Items prioritized critical
3 Orders confirmation is late
3 Orders shipping notice is late
1 Carrier requested pickup missed
Action for Today - 7/20/2000
15 Orders to be confirmed
6 Orders will be shipped and require shipping notice
1 Claim for short shipment
2 New Items require info
Done
Internet
906
908
Home
910
Shipment Confirmation
912
Shipments To Confirm
View Unconfirmed Releases
914
Shipping
916
Pending Shipments
918

FIG. 9A

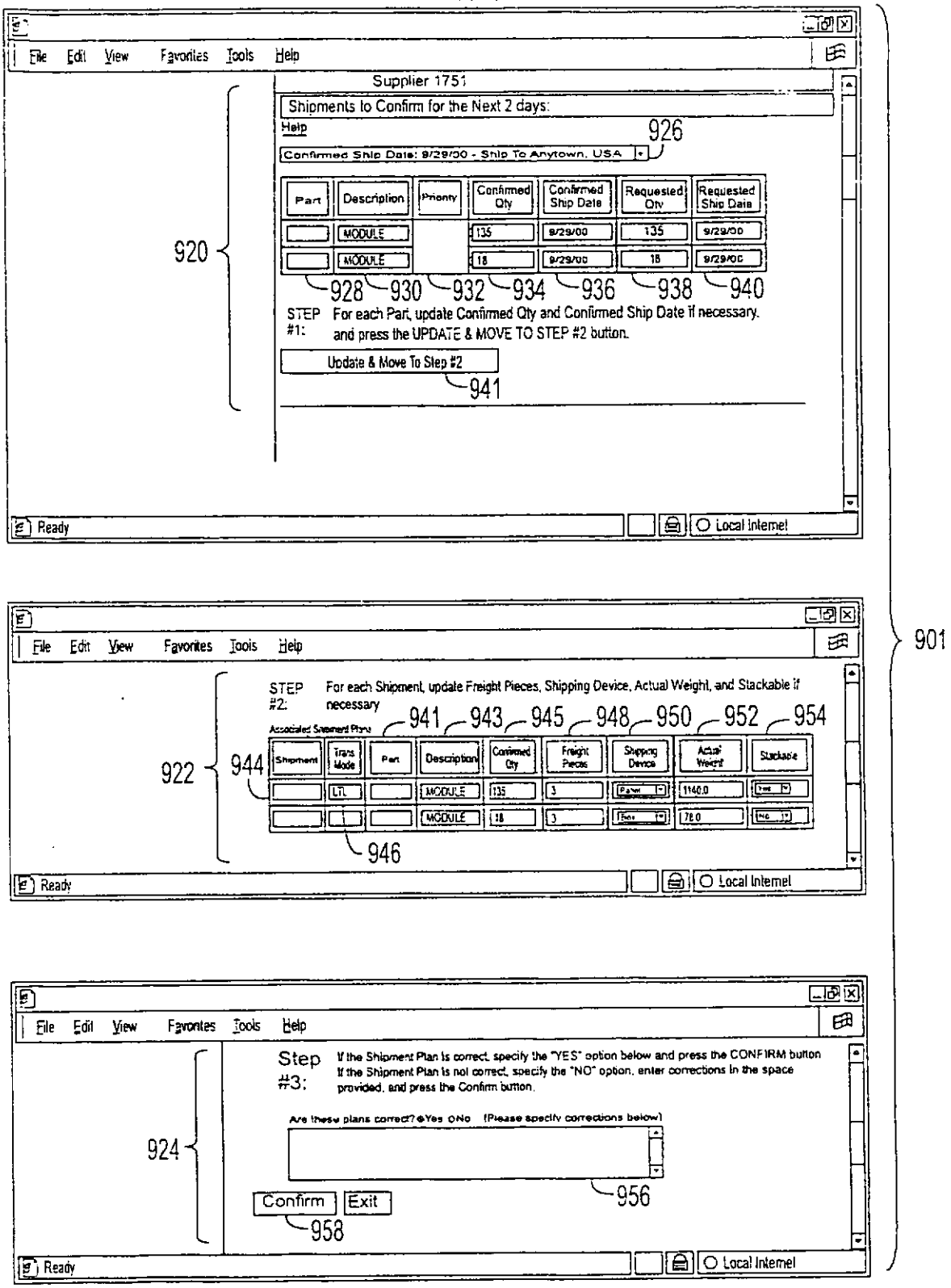

File Edit View Favorites Tools Help
Supplier 1751
Shipments to Confirm for the Next 2 days:
Help
926
Confirmed Ship Date: 9/29/00 - Ship To Anytown, USA
920
Part
Description
Priority
Confirmed Qty
Confirmed Ship Date
Requested Qty
Requested Ship Date
MODULE
135
9/29/00
MODULE
18
9/29/00
928 930 932 934 936 938 940
STEP #1: For each Part, update Confirmed Qty and Confirmed Ship Date if necessary, and press the UPDATE & MOVE TO STEP #2 button.
Update & Move To Step #2
941
Ready
Local Intemet
File Edit View Favorites Tools Help
922
STEP #2: For each Shipment, update Freight Pieces, Shipping Device, Actual Weight, and Stackable if necessary
941 943 945 948 950 952 954
944
Shipment
Trans Mode
Part
Description
Confirmed Qty
Freight Pieces
Shipping Device
Actual Weight
Stackable
LTL
MODULE
135
1140.0
MODULE
18
78.0
946
Ready
Local Intemet
File Edit View Favorites Tools Help
924
Step #3: If the Shipment Plan is correct, specify the "YES" option below and press the CONFIRM button. If the Shipment Plan is not correct, specify the "NO" option, enter corrections in the space provided, and press the Confirm button.
Are these plans correct? Yes No (Please specify corrections below)
956
Confirm
Exit
958
Ready
Local Intemet
901

FIG. 9B

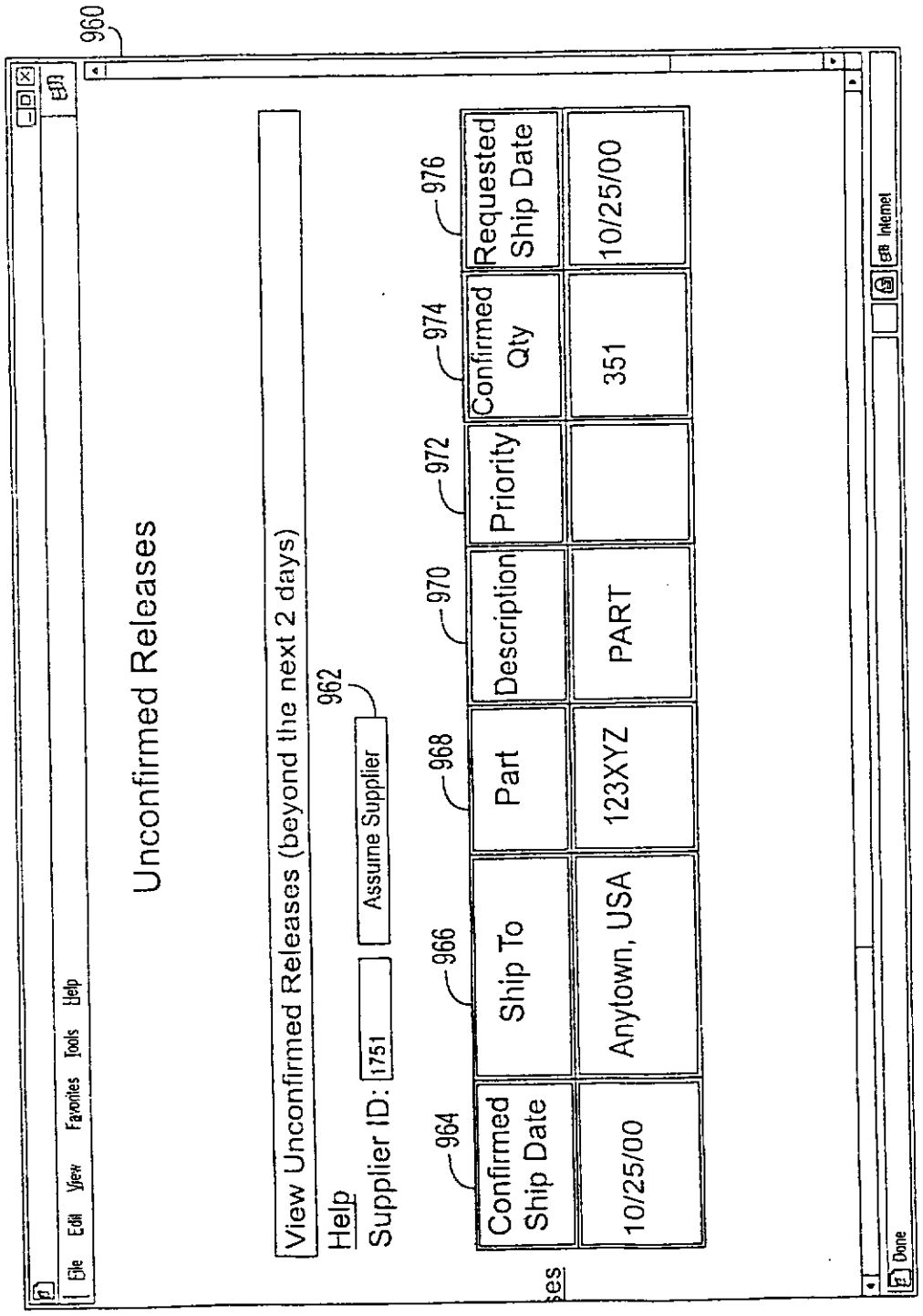

960
File Edit View Favorites Tools Help
Unconfirmed Releases
View Unconfirmed Releases (beyond the next 2 days)
962
Help
Supplier ID: 1751
Assume Supplier
964
966
968
970
972
974
976
Confirmed Ship Date
Ship To
Part
Description
Priority
Confirmed Qty
Requested Ship Date
10/25/00
Anytown, USA
123XYZ
PART
351
10/25/00
Done
Internet

FIG. 9C

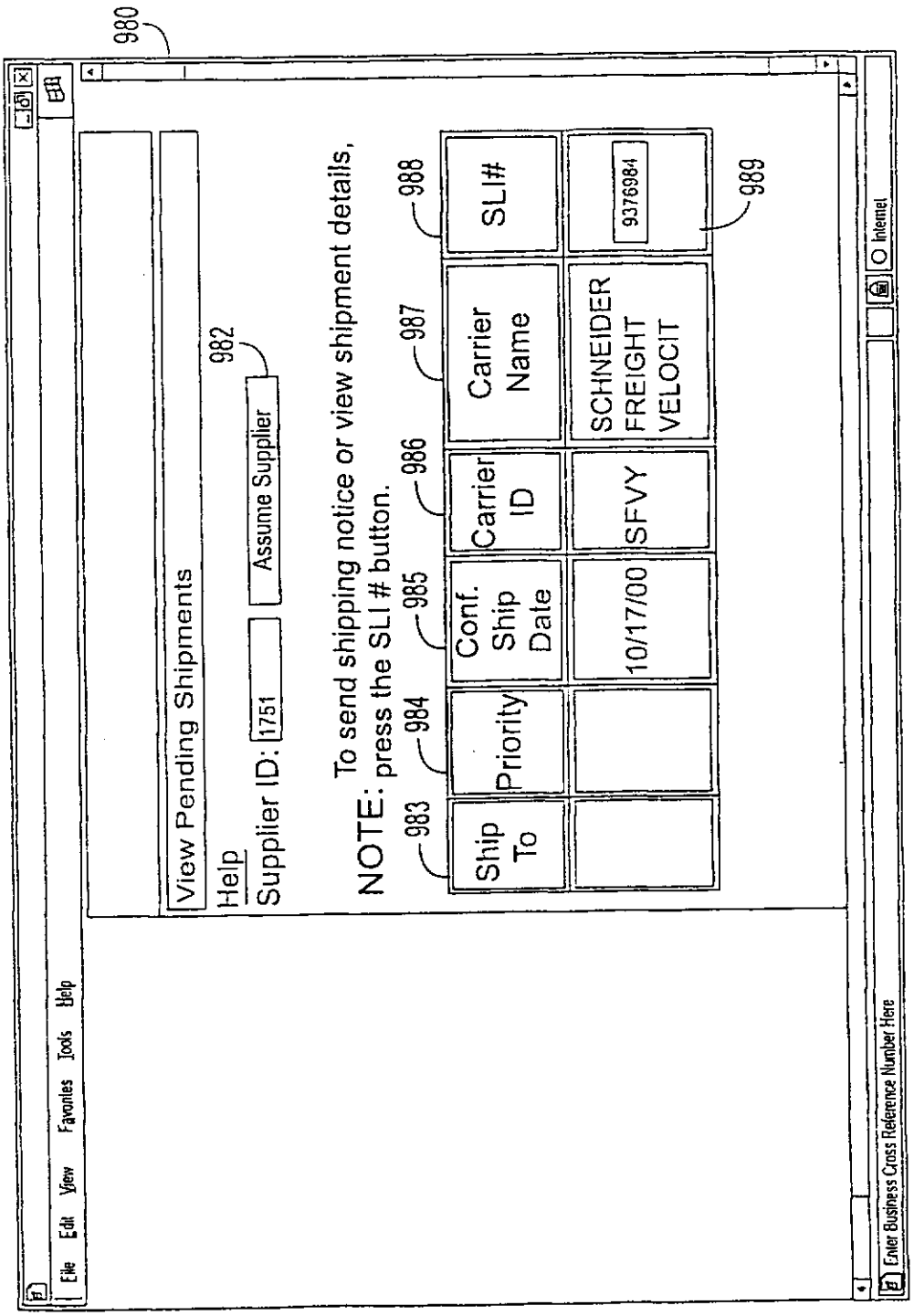

980
File Edit View Favorites Tools Help
Enter Business Cross Reference Number Here
Internet
View Pending Shipments
982
Help
Supplier ID: 1751
Assume Supplier
NOTE: To send shipping notice or view shipment details, press the SLI # button.
983
984
985
986
987
988
989
Ship To
Priority
Conf. Ship Date
Carrier ID
Carrier Name
SLI#
10/17/00
SFVY
SCHNEIDER FREIGHT VELOCIT
93769841

FIG. 9D

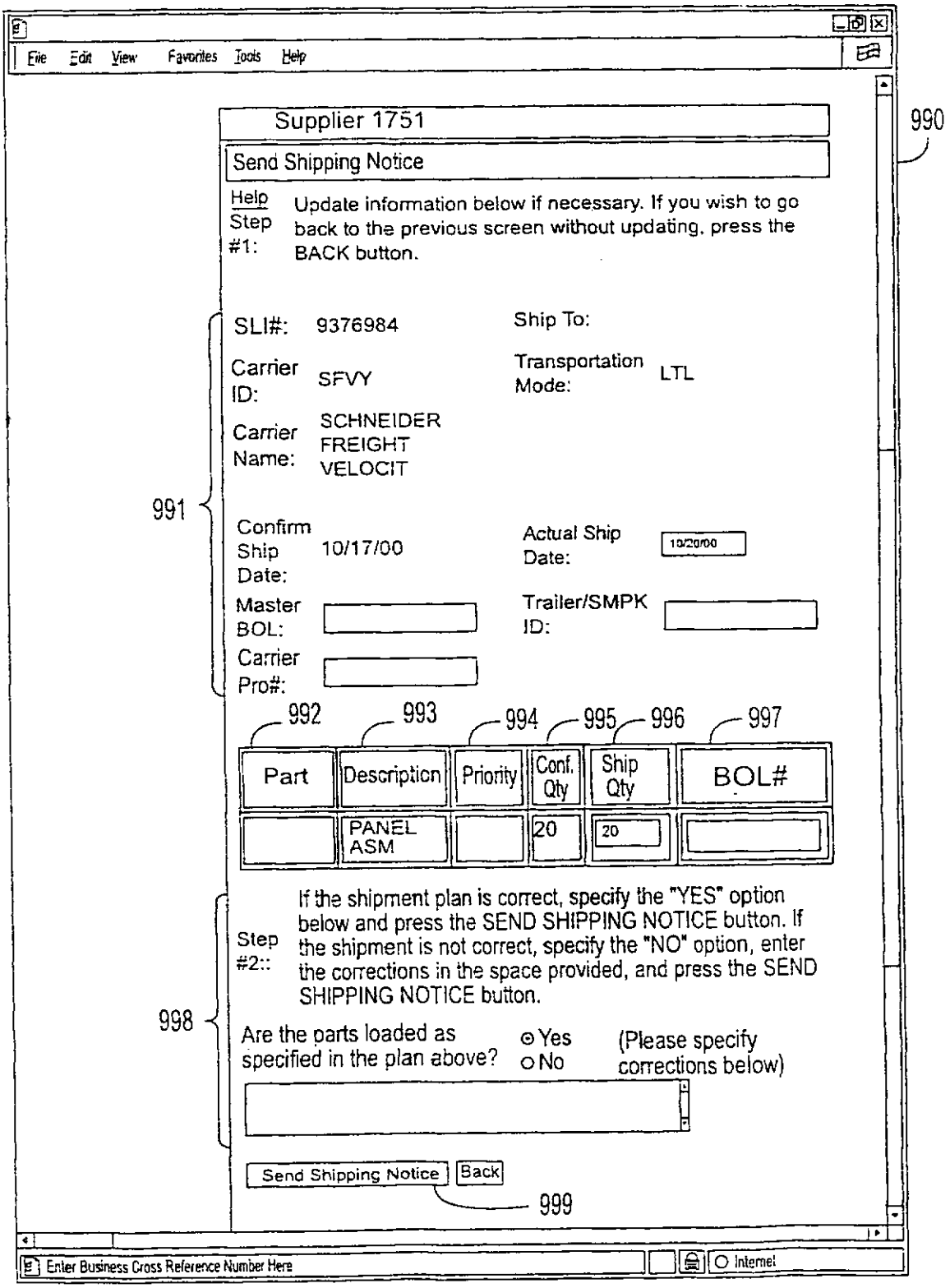

File Edit View Favorites Tools Help
990
Supplier 1751
Send Shipping Notice
Help
Step #1:
Update information below if necessary. If you wish to go back to the previous screen without updating, press the BACK button.
991
SLI#: 9376984
Ship To:
Carrier ID: SFVY
Transportation Mode: LTL
Carrier Name: SCHNEIDER FREIGHT VELOCIT
Confirm Ship Date: 10/17/00
Actual Ship Date: 10/20/00
Master BOL:
Trailer/SMPK ID:
Carrier Pro#:
992
993
994
995
996
997
Part
Description
Priority
Conf. Qty
Ship Qty
BOL#
PANEL ASM
20
20
998
Step #2::
If the shipment plan is correct, specify the "YES" option below and press the SEND SHIPPING NOTICE button. If the shipment is not correct, specify the "NO" option, enter the corrections in the space provided, and press the SEND SHIPPING NOTICE button.
Are the parts loaded as specified in the plan above?
Yes
No
(Please specify corrections below)
Send Shipping Notice
Back
999
Enter Business Cross Reference Number Here
Internet

FIG. 9E

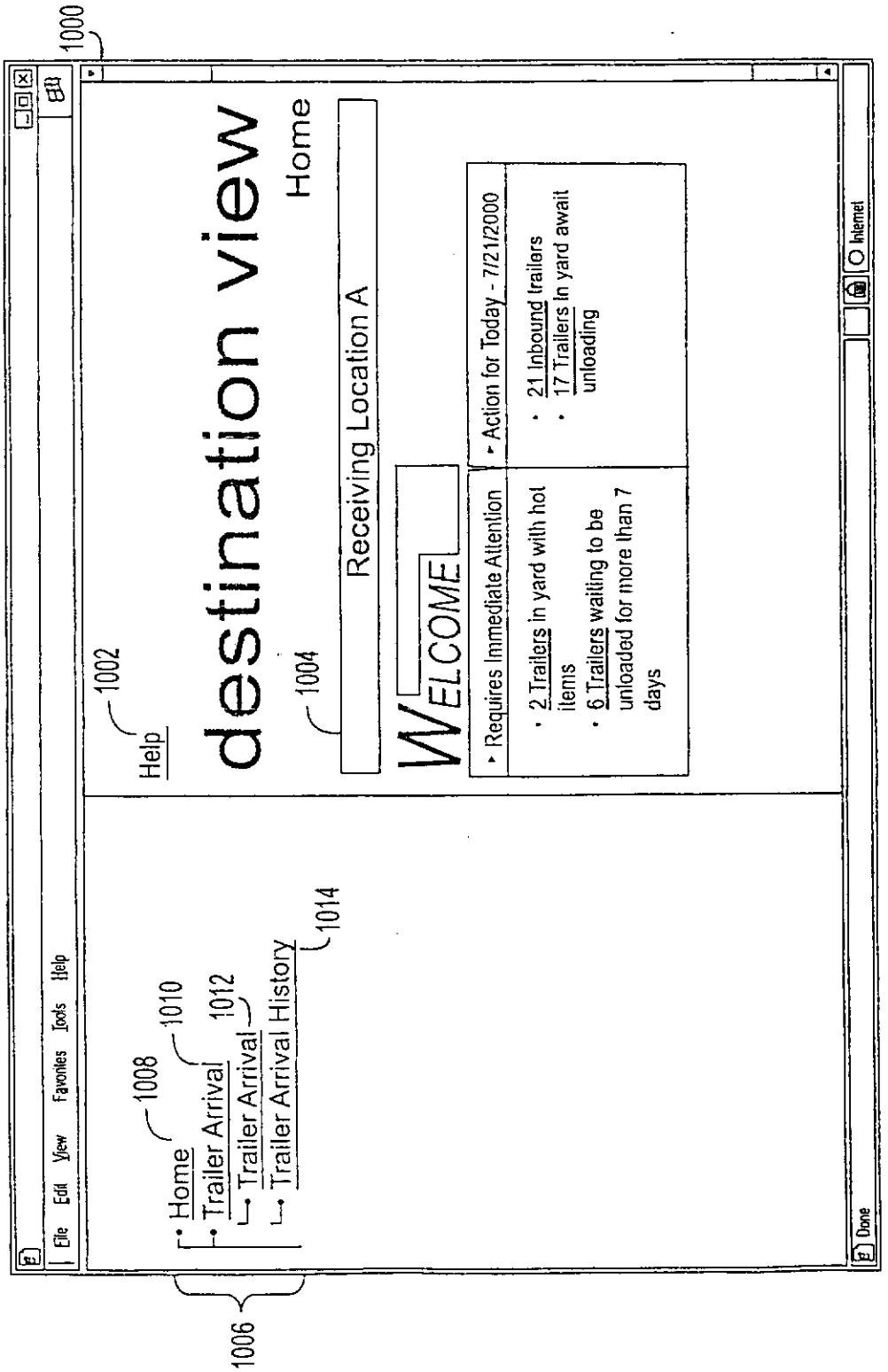

1000
File Edit View Favorites Tools Help
Done
Internet
1002
Help
destination view
Home
1004
Receiving Location A
WELCOME
Requires Immediate Attention
2 Trailers in yard with hot items
6 Trailers waiting to be unloaded for more than 7 days
Action for Today - 7/21/2000
21 Inbound trailers
17 Trailers in yard await unloading
1006
Home
1008
Trailer Arrival
1010
Trailer Arrival
1012
Trailer Arrival History
1014

FIG. 10A

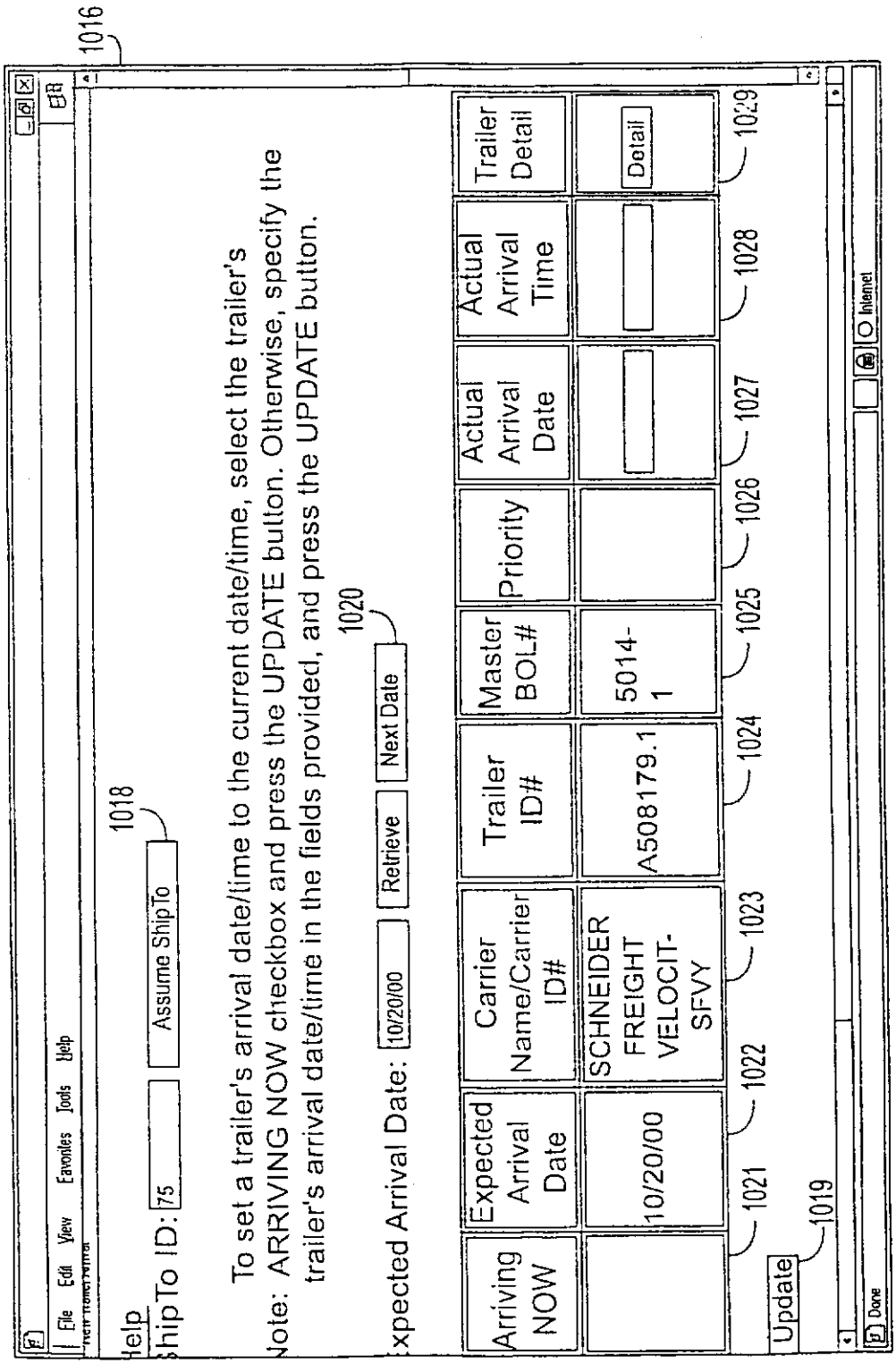

1016
File Edit View Favorites Tools Help
Help
ShipTo ID: 75
Assume ShipTo
1018
To set a trailer's arrival date/time to the current date/time, select the trailer's
Note: ARRIVING NOW checkbox and press the UPDATE button. Otherwise, specify the
trailer's arrival date/time in the fields provided, and press the UPDATE button.
1020
Expected Arrival Date: 10/20/00
Retrieve
Next Date
Arriving NOW
Expected Arrival Date
Carrier Name/Carrier ID#
Trailer ID#
Master BOL#
Priority
Actual Arrival Date
Actual Arrival Time
Trailer Detail
10/20/00
SCHNEIDER FREIGHT VELOCIT-SFVY
A508179.1
5014-1
Detail
1021
1022
1023
1024
1025
1026
1027
1028
1029
Update
1019
Done
Internet

FIG. 10B

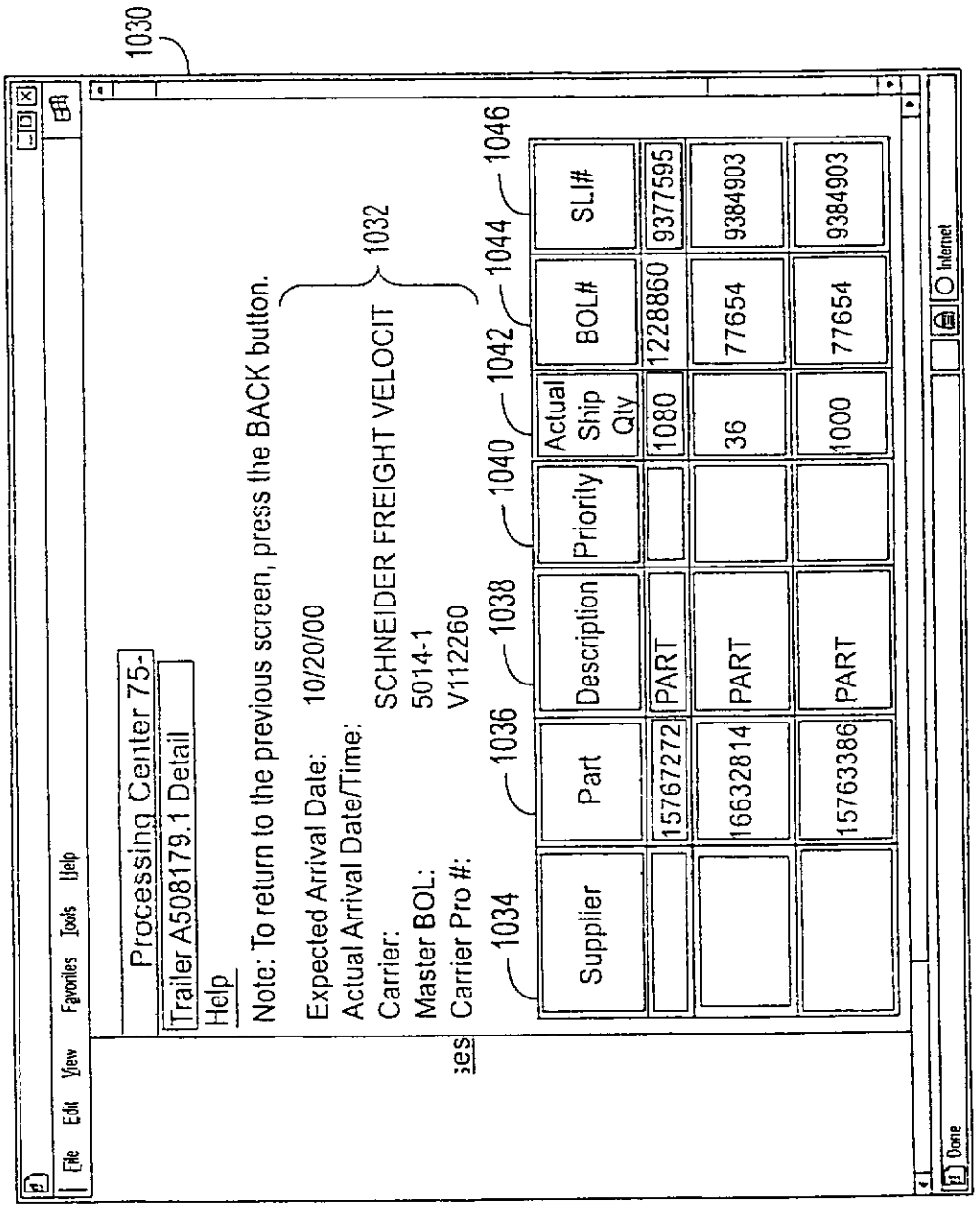

1030
File Edit View Favorites Tools Help
Processing Center 75-
Trailer A508179.1 Detail
Help
Note: To return to the previous screen, press the BACK button.
Expected Arrival Date: 10/20/00
Actual Arrival Date/Time:
Carrier: SCHNEIDER FREIGHT VELOCIT
Master BOL: 5014-1
Carrier Pro #: V112260
1032
1034
1036
1038
1040
1042
1044
1046
Supplier
Part
Description
Priority
Actual Ship Qty
BOL#
SLI#
15767272 PART 1080 1228860 9377595
16632814 PART 36 77654 9384903
15763386 PART 1000 77654 9384903
Done
Internet

FIG. 10C

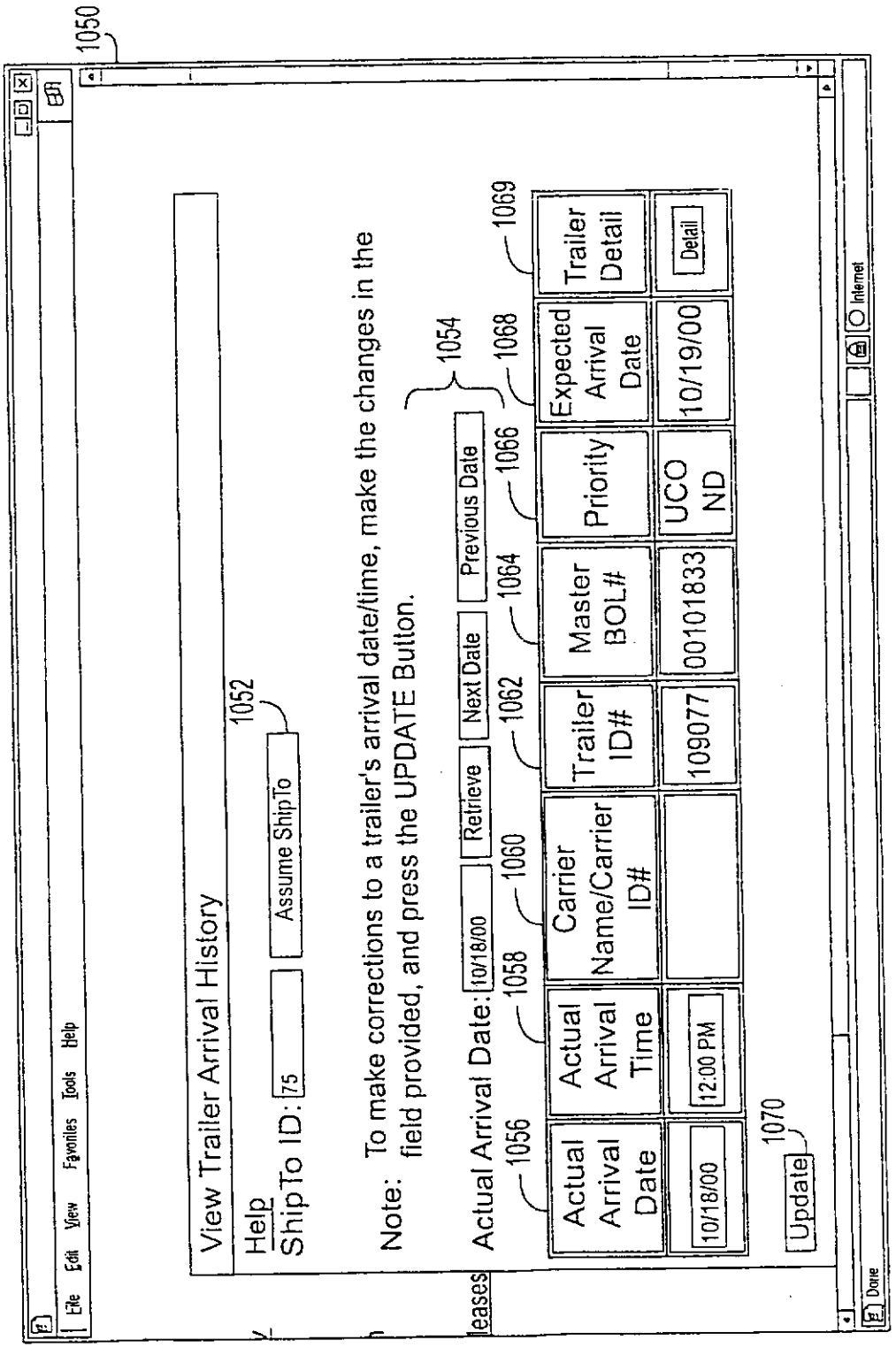

1050
File Edit View Favorites Tools Help
View Trailer Arrival History
Help
Ship To ID: 75
Assume ShipTo
1052
Note: To make corrections to a trailer's arrival date/time, make the changes in the field provided, and press the UPDATE Button.
1054
Actual Arrival Date: 10/18/00
Retrieve
Next Date
Previous Date
1056
1058
1060
1062
1064
1066
1068
1069
Actual Arrival Date
Actual Arrival Time
Carrier Name/Carrier ID#
Trailer ID#
Master BOL#
Priority
Expected Arrival Date
Trailer Detail
10/18/00
12:00 PM
109077
00101833
UCO ND
10/19/00
Detail
1070
Update
leases
Done
Internet

FIG. 10D

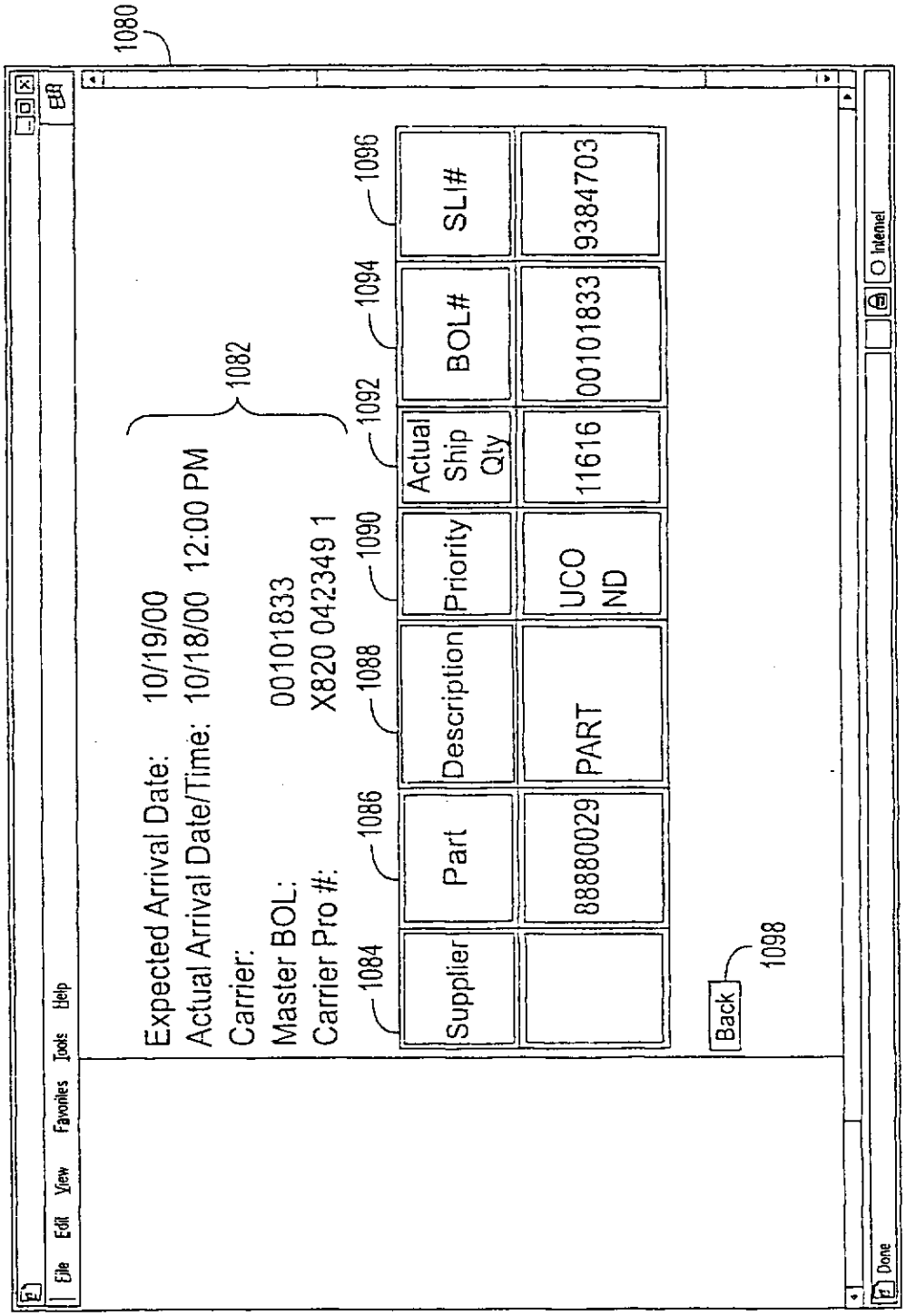

1080
File Edit View Favorites Tools Help
Expected Arrival Date: 10/19/00
Actual Arrival Date/Time: 10/18/00 12:00 PM
Carrier:
Master BOL: 00101833
Carrier Pro #: X820 042349 1
1082
1084
1086
1088
1090
1092
1094
1096
Supplier
Part
Description
Priority
Actual Ship Qty
BOL#
SLI#
88880029
PART
UCO ND
11616
00101833
9384703
Back
1098
Done
Internet

FIG. 10E

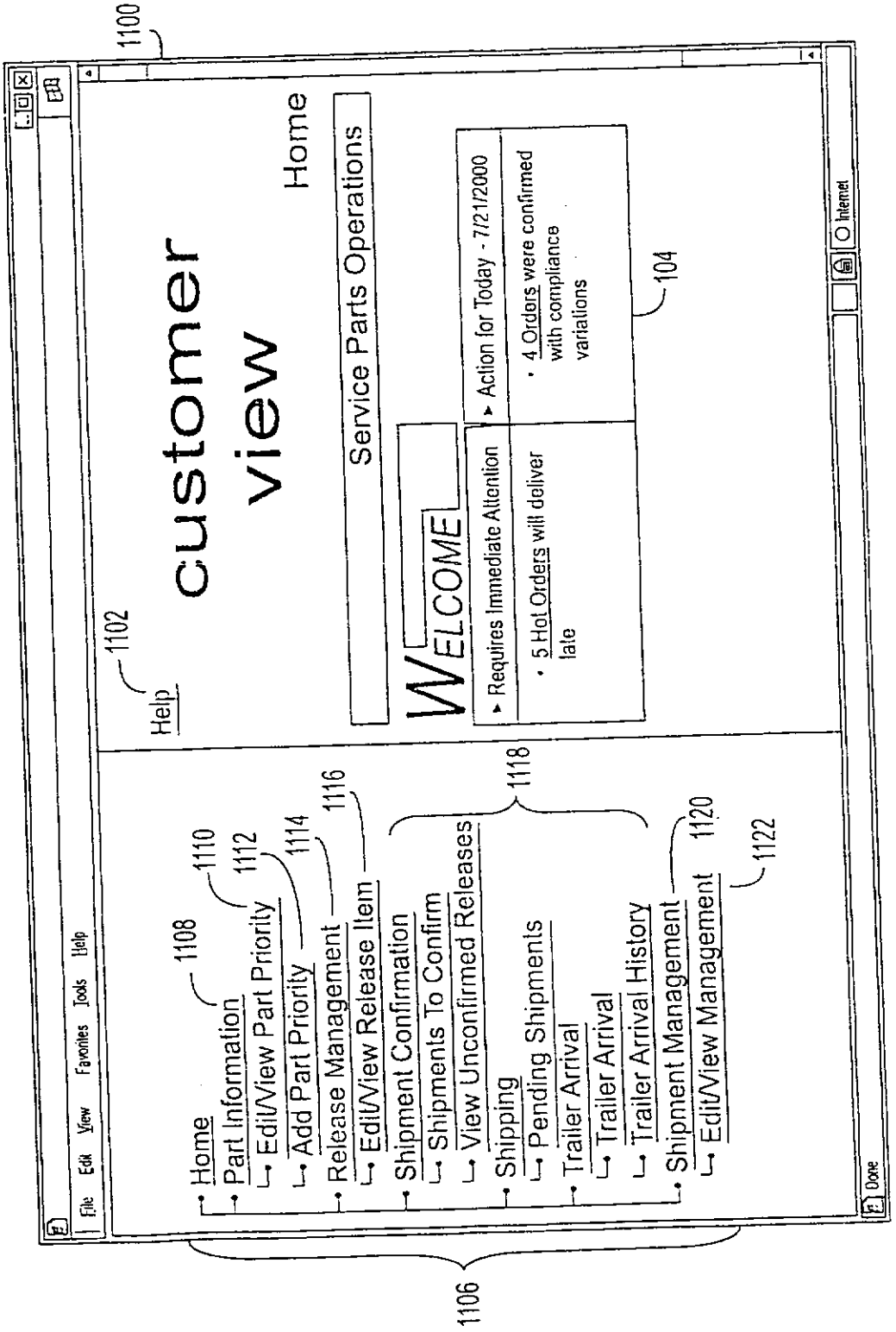

1100
1102
customer view
Home
Help
Service Parts Operations
WELCOME
Action for Today - 7/21/2000
Requires Immediate Attention
4 Orders were confirmed with compliance variations
5 Hot Orders will deliver late
104
File Edit View Favorites Tools Help
Done
Internet
Home
Part Information
Edit/View Part Priority
Add Part Priority
Release Management
Edit/View Release Item
Shipment Confirmation
Shipments To Confirm
View Unconfirmed Releases
Shipping
Pending Shipments
Trailer Arrival
Trailer Arrival
Trailer Arrival History
Shipment Management
Edit/View Management
1106
1108
1110
1112
1114
1116
1118
1120
1122

FIG. 11A

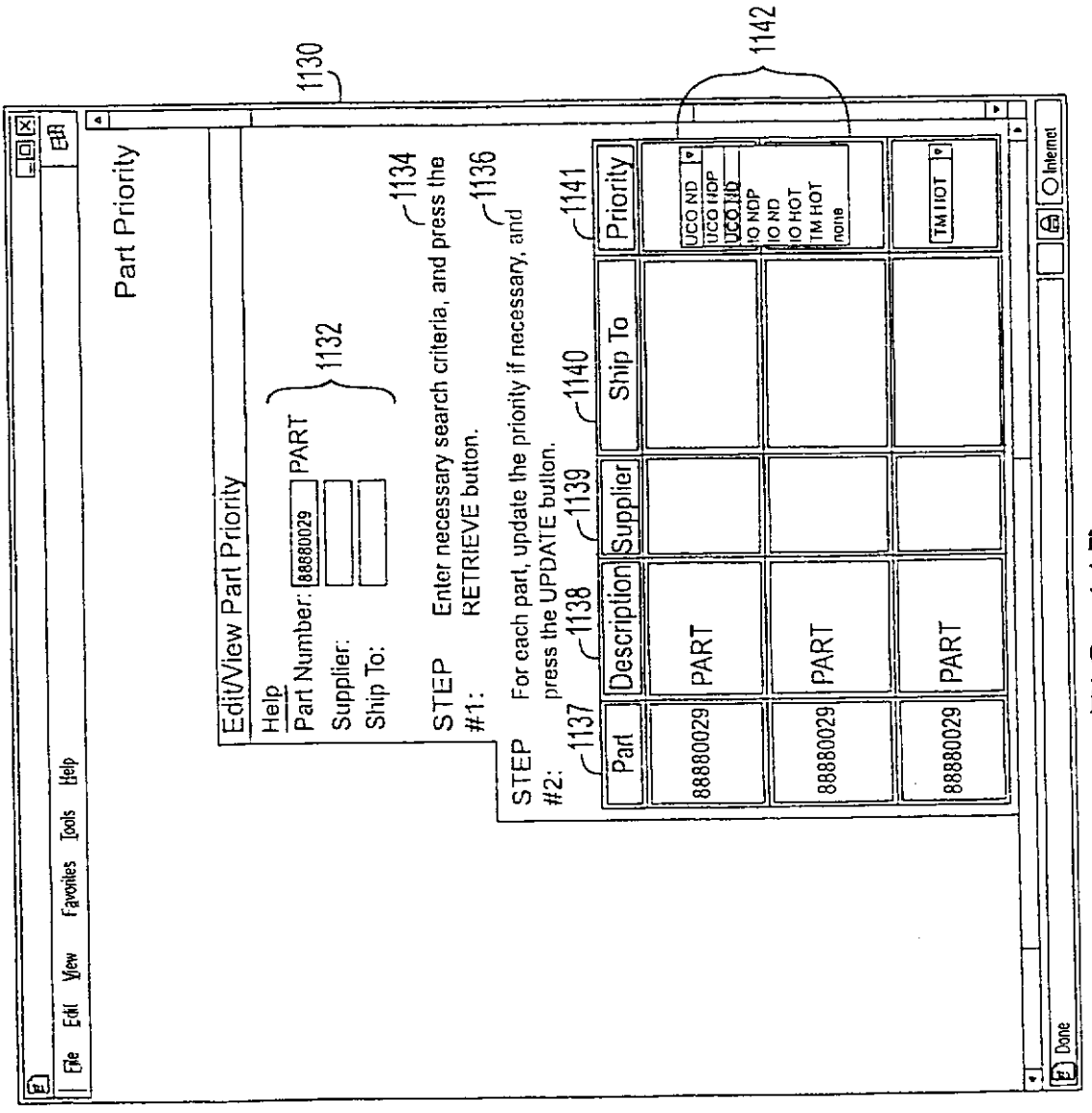

1130
1142
Part Priority
File Edit View Favorites Tools Help
Edit/View Part Priority
Help
Part Number: 88880029 PART
1132
Supplier:
Ship To:
1134
STEP #1: Enter necessary search criteria, and press the RETRIEVE button.
1136
STEP #2: For each part, update the priority if necessary, and press the UPDATE button.
1137
1138
1139
1140
1141
Part
Description
Supplier
Ship To
Priority
88880029 PART
88880029 PART
88880029 PART
UCO ND
UCO HOP
UCO HO
HO NOP
IO ND
IO HOT
TM HOT
none
TM HOT
Done
Internet

FIG. 11B

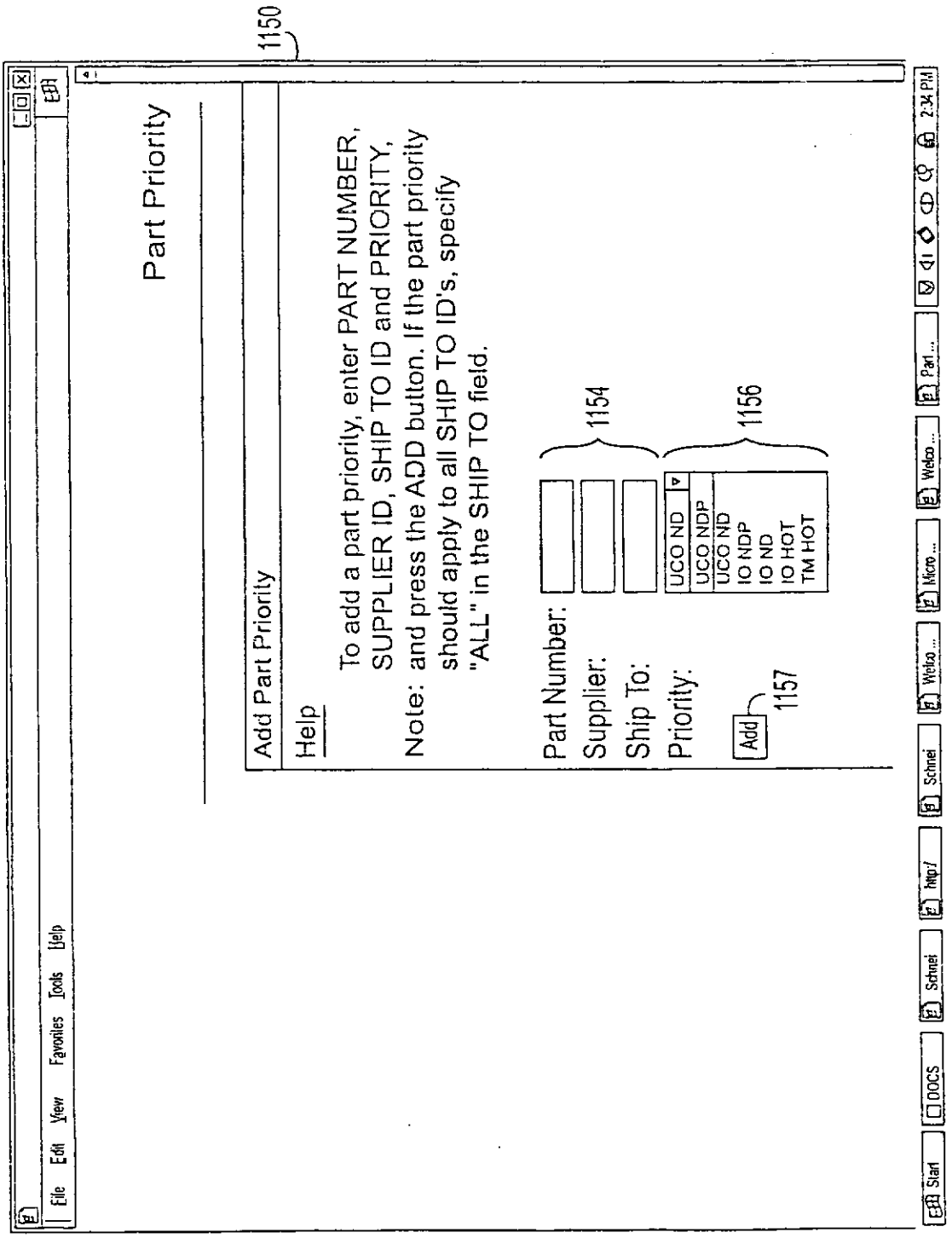

1150
Part Priority
File Edit View Favorites Tools Help
Add Part Priority
Help
To add a part priority, enter PART NUMBER, SUPPLIER ID, SHIP TO ID and PRIORITY,
Note: and press the ADD button. If the part priority should apply to all SHIP TO ID's, specify "ALL" in the SHIP TO field.
Part Number:
Supplier:
Ship To:
Priority:
1154
1156
UCO ND
UCO NDP
UCO ND
IO NDP
IO ND
IO HOT
TM HOT
Add
1157
Start
DOCS
Schnei
http:/
Schnei
Welco...
Micro...
Welco...
Part...
2:34 PM

FIG. 11C

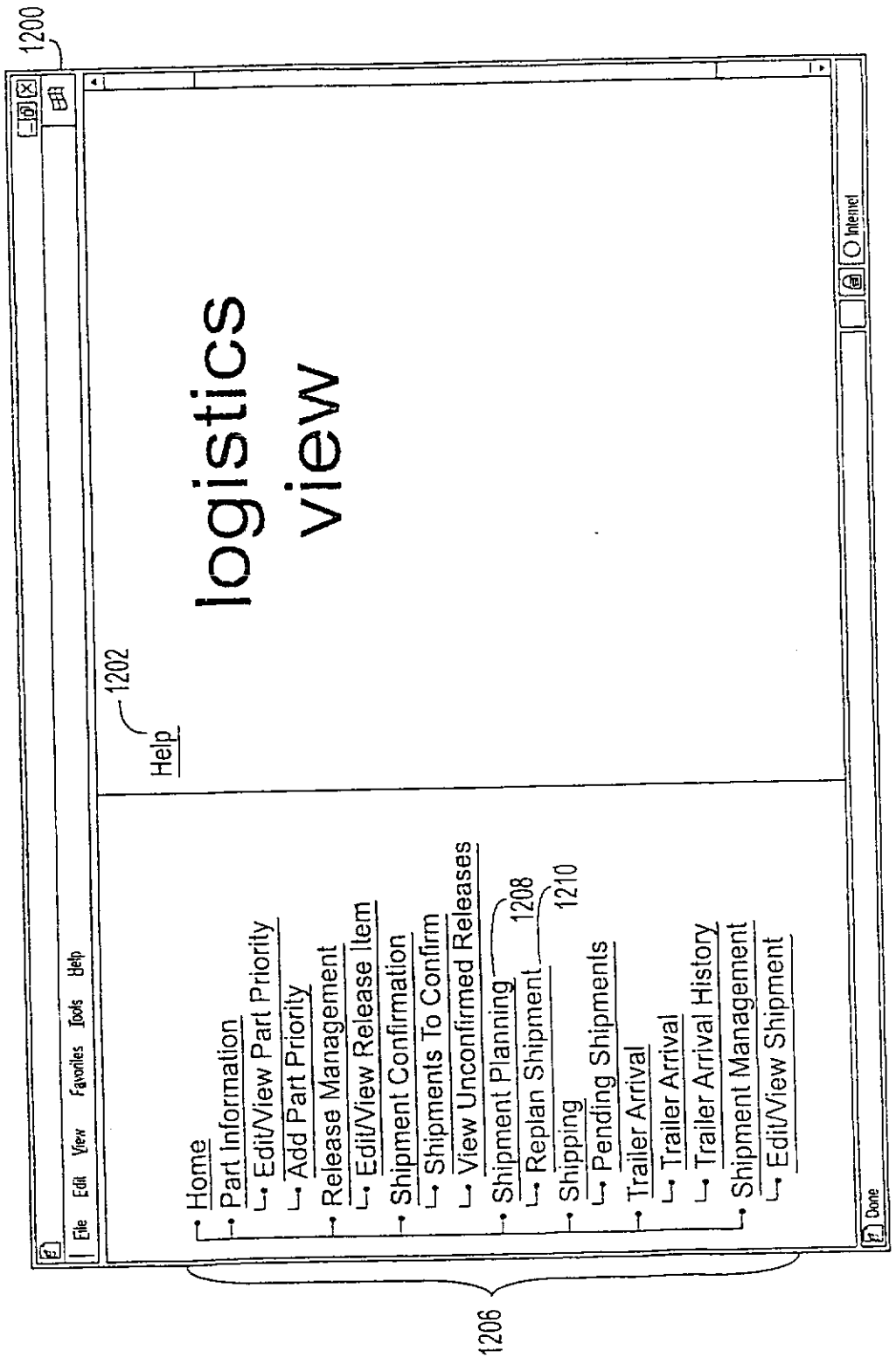

1200
File Edit View Favorites Tools Help
Done
Internet
logistics view
1202
Help
Home
Part Information
Edit/View Part Priority
Add Part Priority
Release Management
Edit/View Release Item
Shipment Confirmation
Shipments To Confirm
View Unconfirmed Releases
Shipment Planning
1208
Replan Shipment
Shipping
1210
Pending Shipments
Trailer Arrival
Trailer Arrival
Trailer Arrival History
Shipment Management
Edit/View Shipment
1206

FIG. 12A

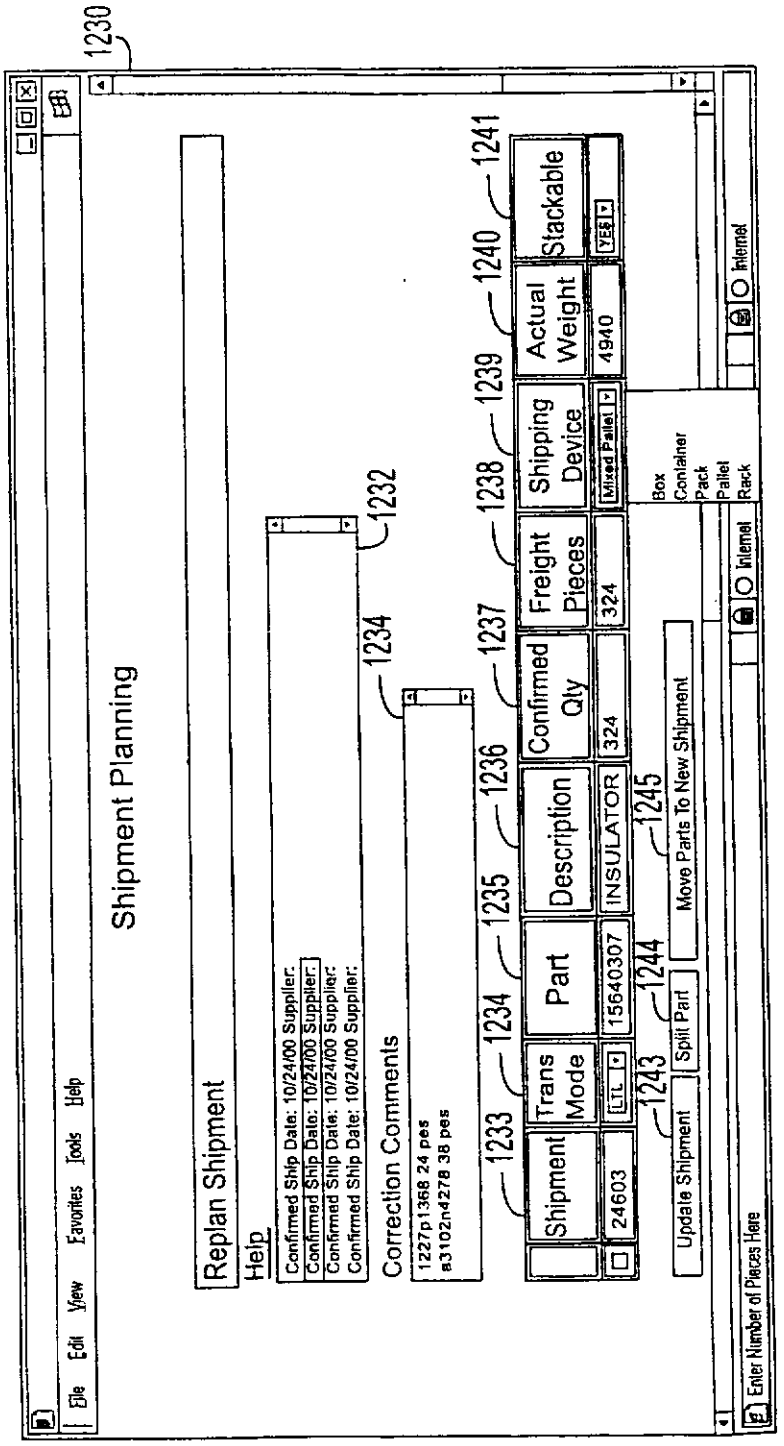

1230
File Edit View Favorites Tools Help
Shipment Planning
Replan Shipment
Help
Confirmed Ship Date: 10/24/00 Supplier:
Confirmed Ship Date: 10/24/00 Supplier:
Confirmed Ship Date: 10/24/00 Supplier:
Confirmed Ship Date: 10/24/00 Supplier:
1232
Correction Comments
1227p1368 24 pes
s3102n4278 38 pes
1234
1233
1234
1235
1236
1237
1238
1239
1240
1241
Shipment
Trans Mode
Part
Description
Confirmed Qty
Freight Pieces
Shipping Device
Actual Weight
Stackable
24603
LTL
15640307
INSULATOR
324
324
Mixed Pallet
4940
YES
1243
1244
1245
Update Shipment
Split Part
Move Parts To New Shipment
Box
Container
Pack
Pallet
Rack
Internet
Enter Number of Pieces Here

FIG. 12B