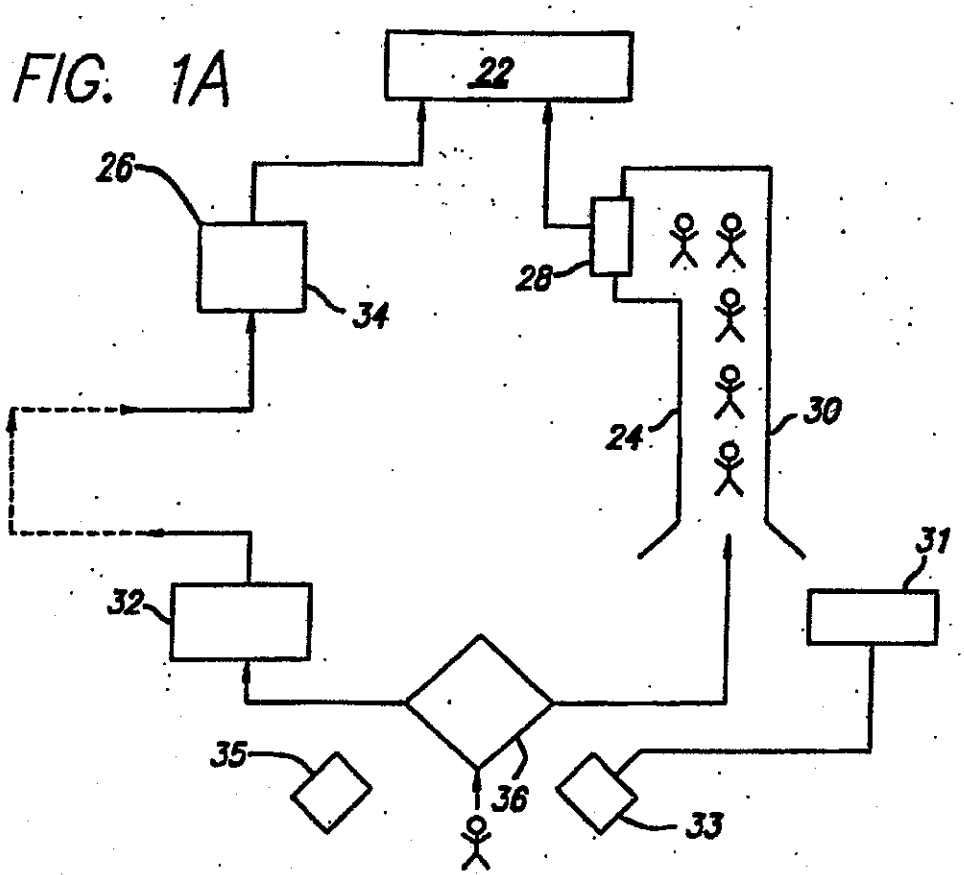
FIG. 1A



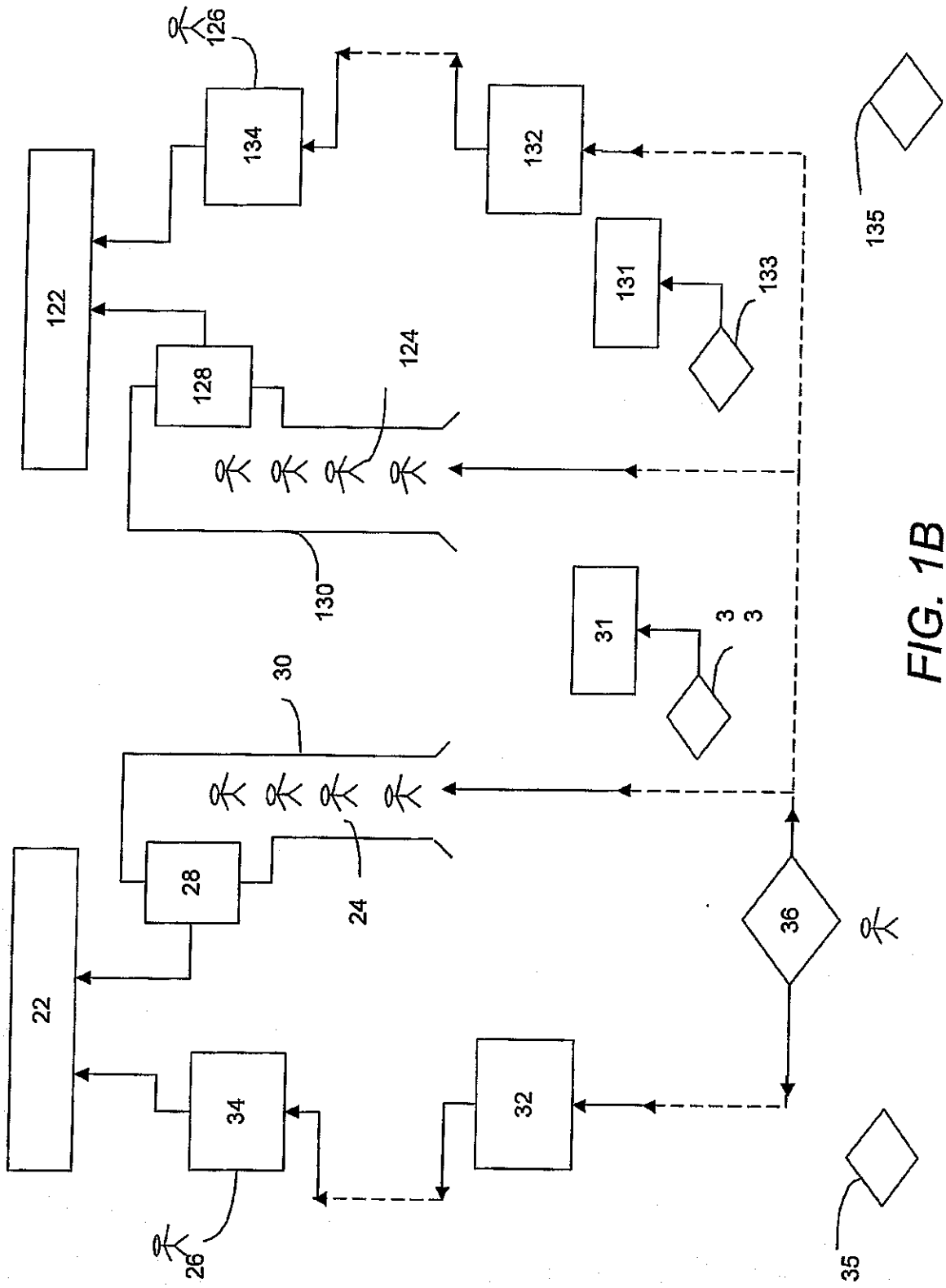

126
134
132
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35

FIG. 1B

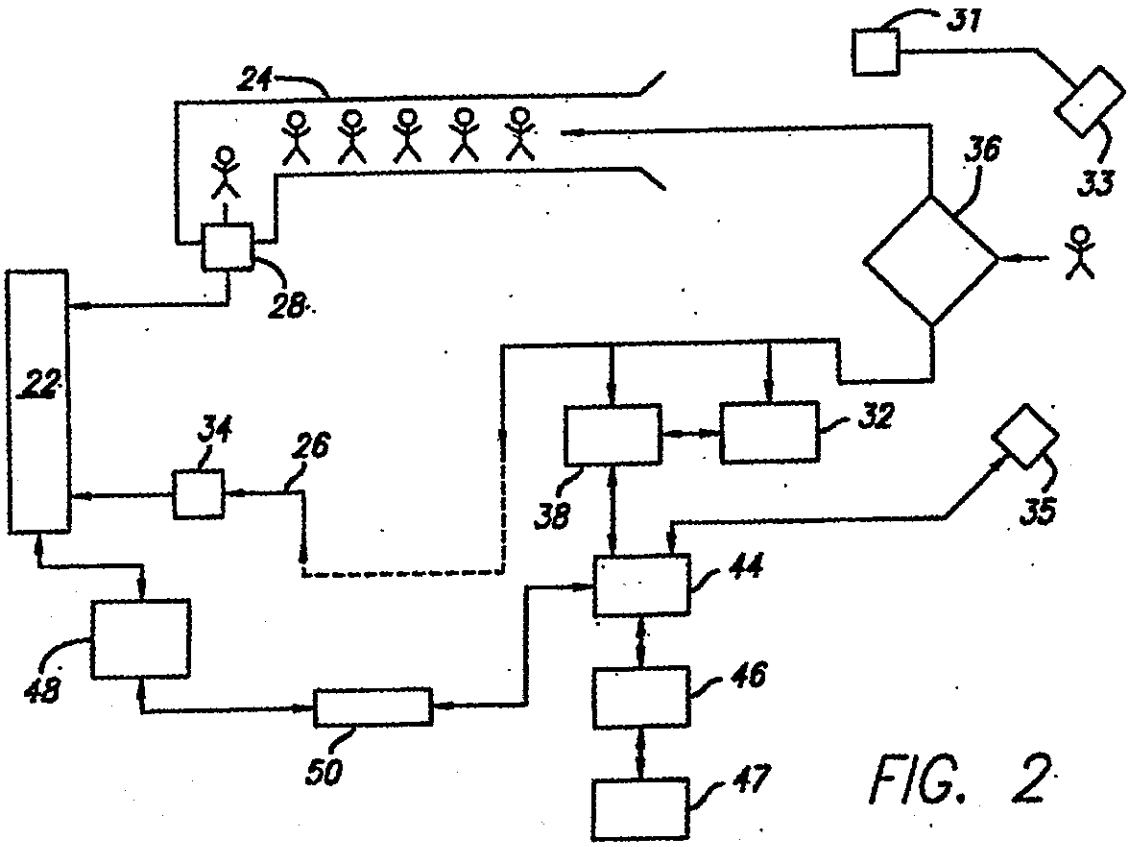


FIG. 2

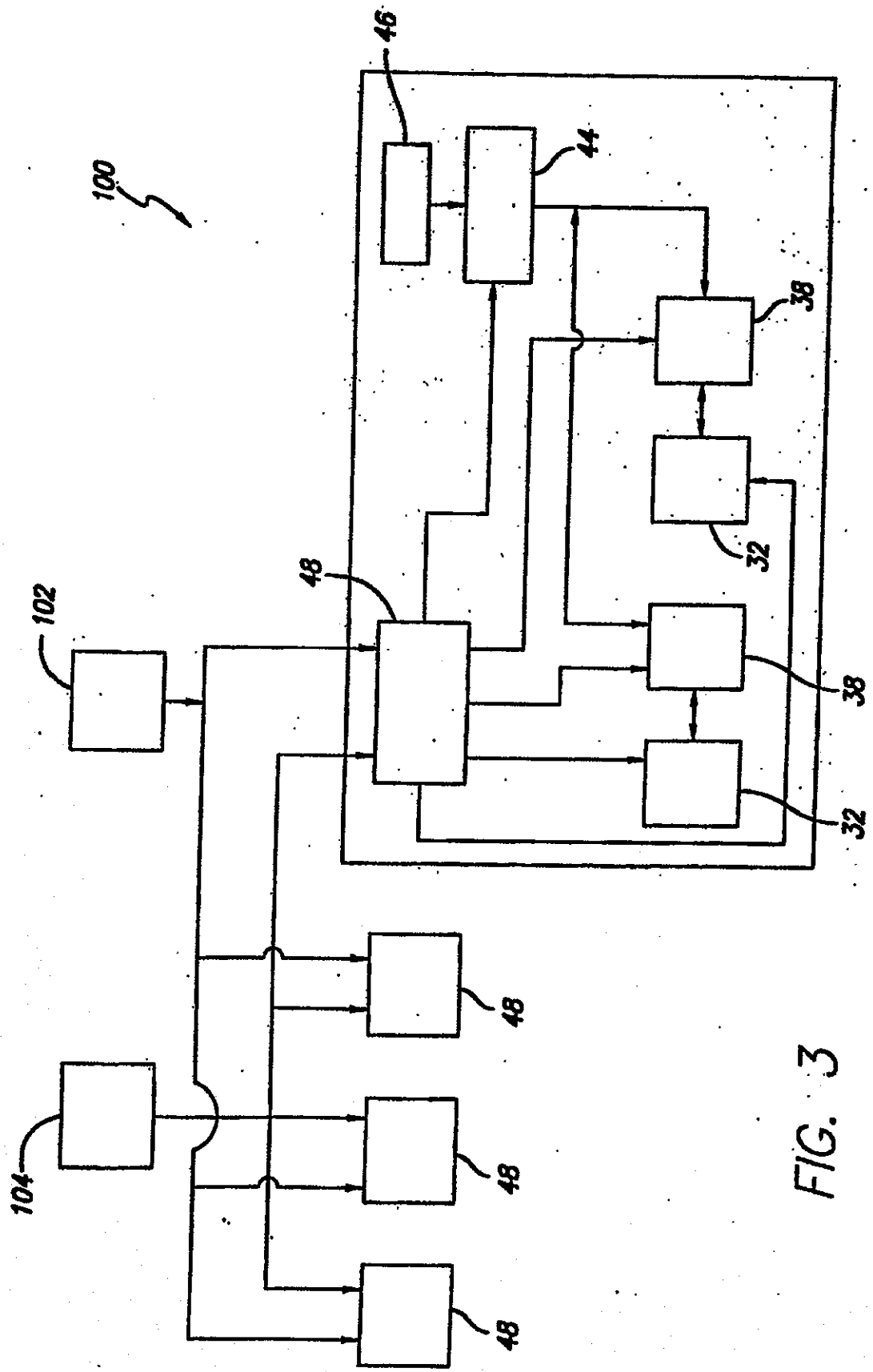


FIG. 3

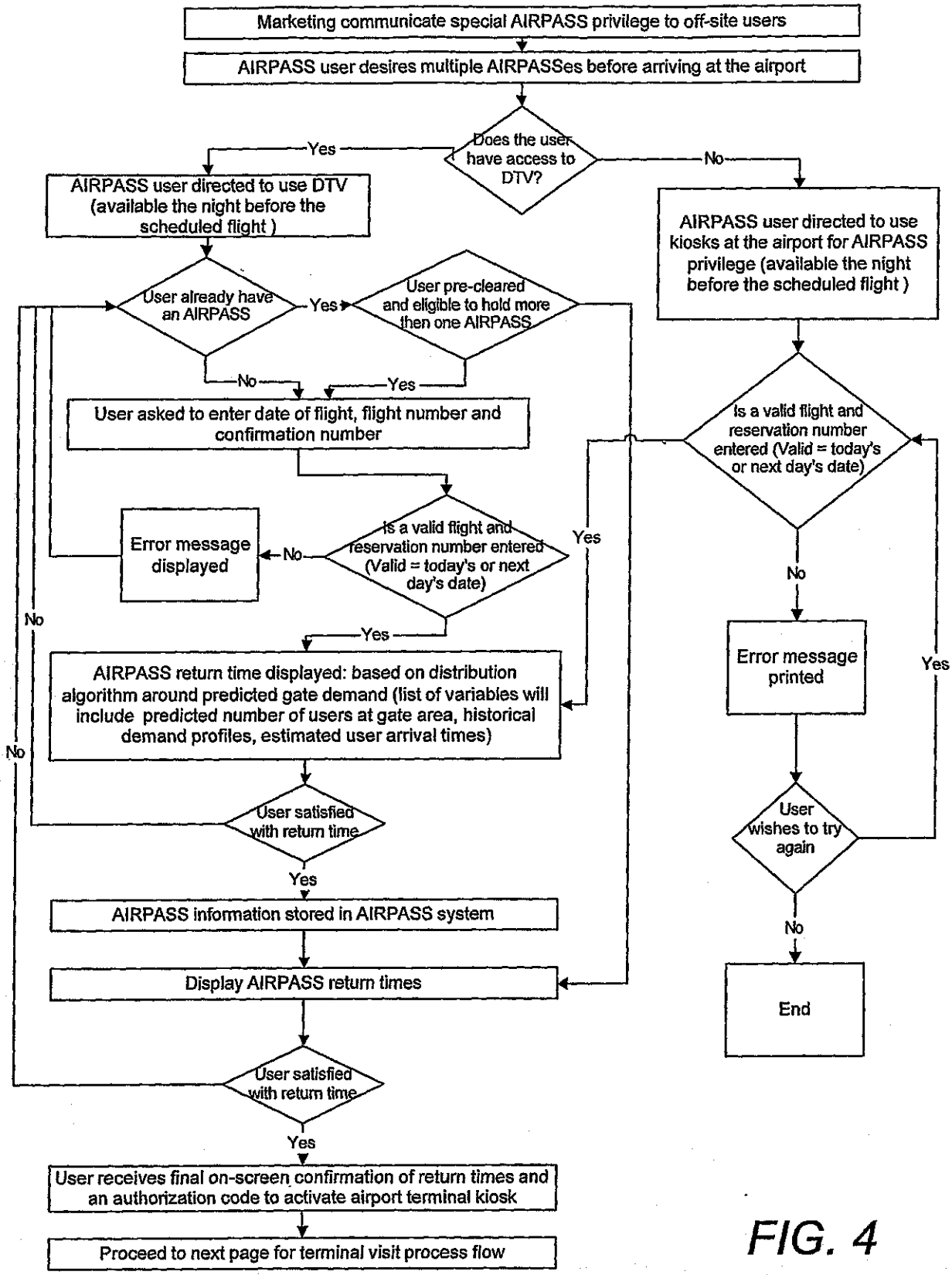

Marketing communicate special AIRPASS privilege to off-site users
AIRPASS user desires multiple AIRPASSes before arriving at the airport
Does the user have access to DTV?
Yes
No
AIRPASS user directed to use DTV (available the night before the scheduled flight)
AIRPASS user directed to use kiosks at the airport for AIRPASS privilege (available the night before the scheduled flight)
User already have an AIRPASS
Yes
User pre-cleared and eligible to hold more then one AIRPASS
No
Yes
User asked to enter date of flight, flight number and confirmation number
Is a valid flight and reservation number entered (Valid = today's or next day's date)
Error message displayed
No
Is a valid flight and reservation number entered (Valid = today's or next day's date)
Yes
No
Yes
AIRPASS return time displayed: based on distribution algorithm around predicted gate demand (list of variables will include predicted number of users at gate area, historical demand profiles, estimated user arrival times)
No
User satisfied with return time
Yes
AIRPASS information stored in AIRPASS system
Display AIRPASS return times
User satisfied with return time
Yes
User receives final on-screen confirmation of return times and an authorization code to activate airport terminal kiosk
Proceed to next page for terminal visit process flow
Error message printed
Yes
User wishes to try again
No
End

FIG. 4

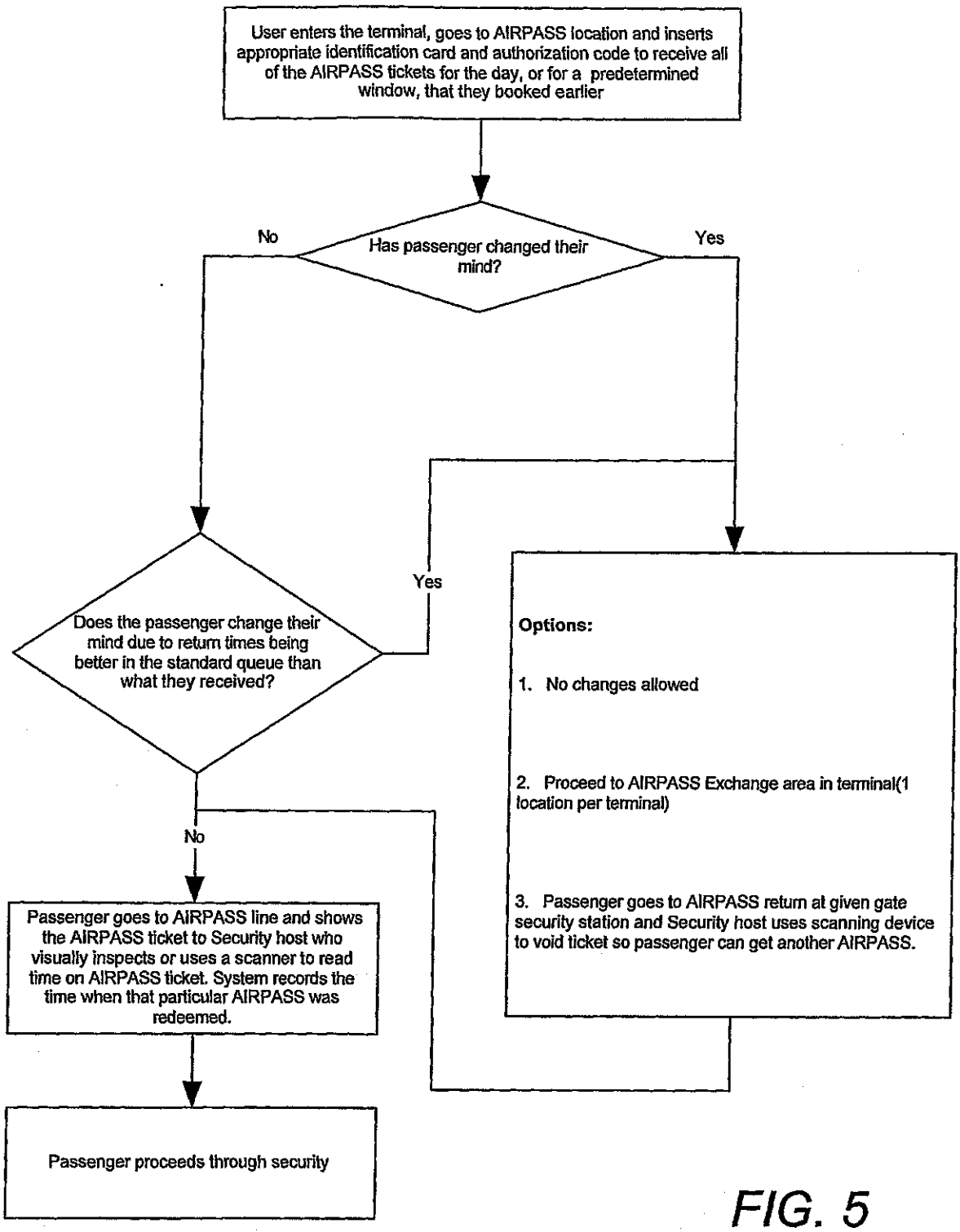

User enters the terminal, goes to AIRPASS location and inserts appropriate identification card and authorization code to receive all of the AIRPASS tickets for the day, or for a predetermined window, that they booked earlier
Has passenger changed their mind?
No
Yes
Does the passenger change their mind due to return times being better in the standard queue than what they received?
Yes
No
Options:
1. No changes allowed
2. Proceed to AIRPASS Exchange area in terminal(1 location per terminal)
3. Passenger goes to AIRPASS return at given gate security station and Security host uses scanning device to void ticket so passenger can get another AIRPASS.
Passenger goes to AIRPASS line and shows the AIRPASS ticket to Security host who visually inspects or uses a scanner to read time on AIRPASS ticket. System records the time when that particular AIRPASS was redeemed.
Passenger proceeds through security

FIG. 5

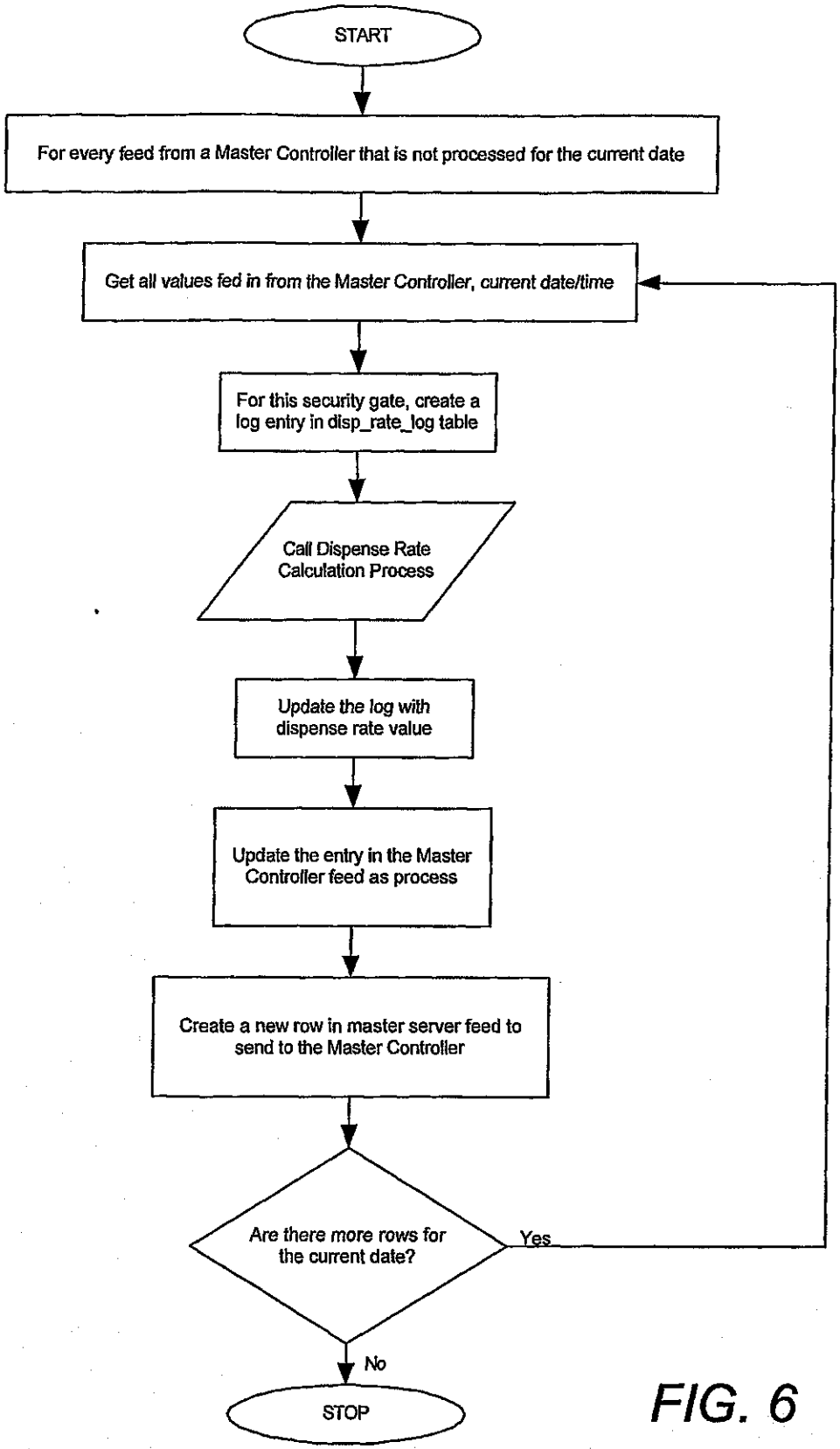

START
For every feed from a Master Controller that is not processed for the current date
Get all values fed in from the Master Controller, current date/time
For this security gate, create a log entry in disp_rate_log table
Call Dispense Rate Calculation Process
Update the log with dispense rate value
Update the entry in the Master Controller feed as process
Create a new row in master server feed to send to the Master Controller
Are there more rows for the current date?
Yes
No
STOP

FIG. 6

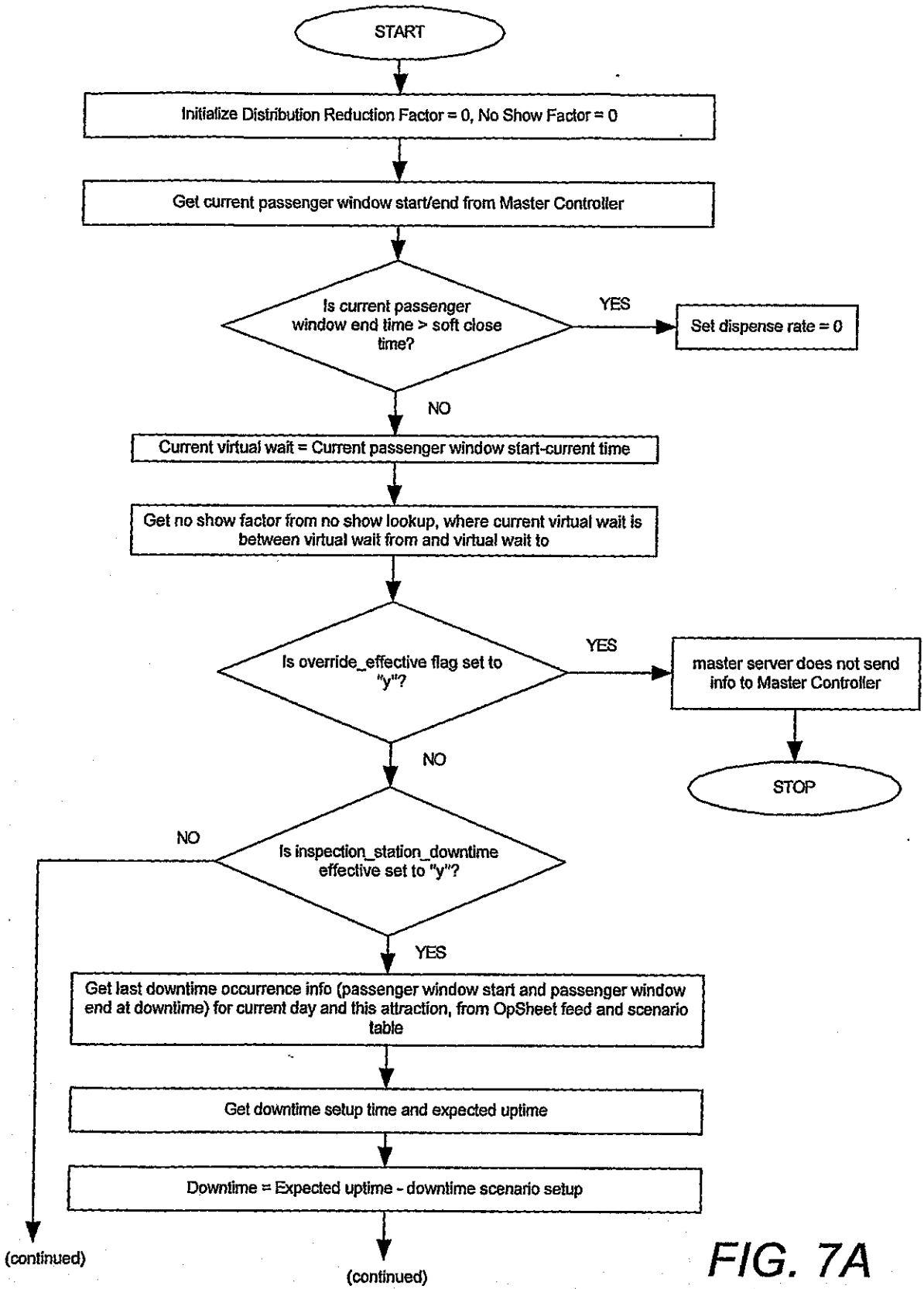

START
Initialize Distribution Reduction Factor = 0, No Show Factor = 0
Get current passenger window start/end from Master Controller
Is current passenger window end time > soft close time?
YES
Set dispense rate = 0
NO
Current virtual wait = Current passenger window start-current time
Get no show factor from no show lookup, where current virtual wait is between virtual wait from and virtual wait to
Is override_effective flag set to "y"?
YES
master server does not send info to Master Controller
STOP
NO
Is inspection_station_downtime effective set to "y"?
NO
YES
Get last downtime occurrence info (passenger window start and passenger window end at downtime) for current day and this attraction, from OpSheet feed and scenario table
Get downtime setup time and expected uptime
Downtime = Expected uptime - downtime scenario setup
(continued)
(continued)

FIG. 7A

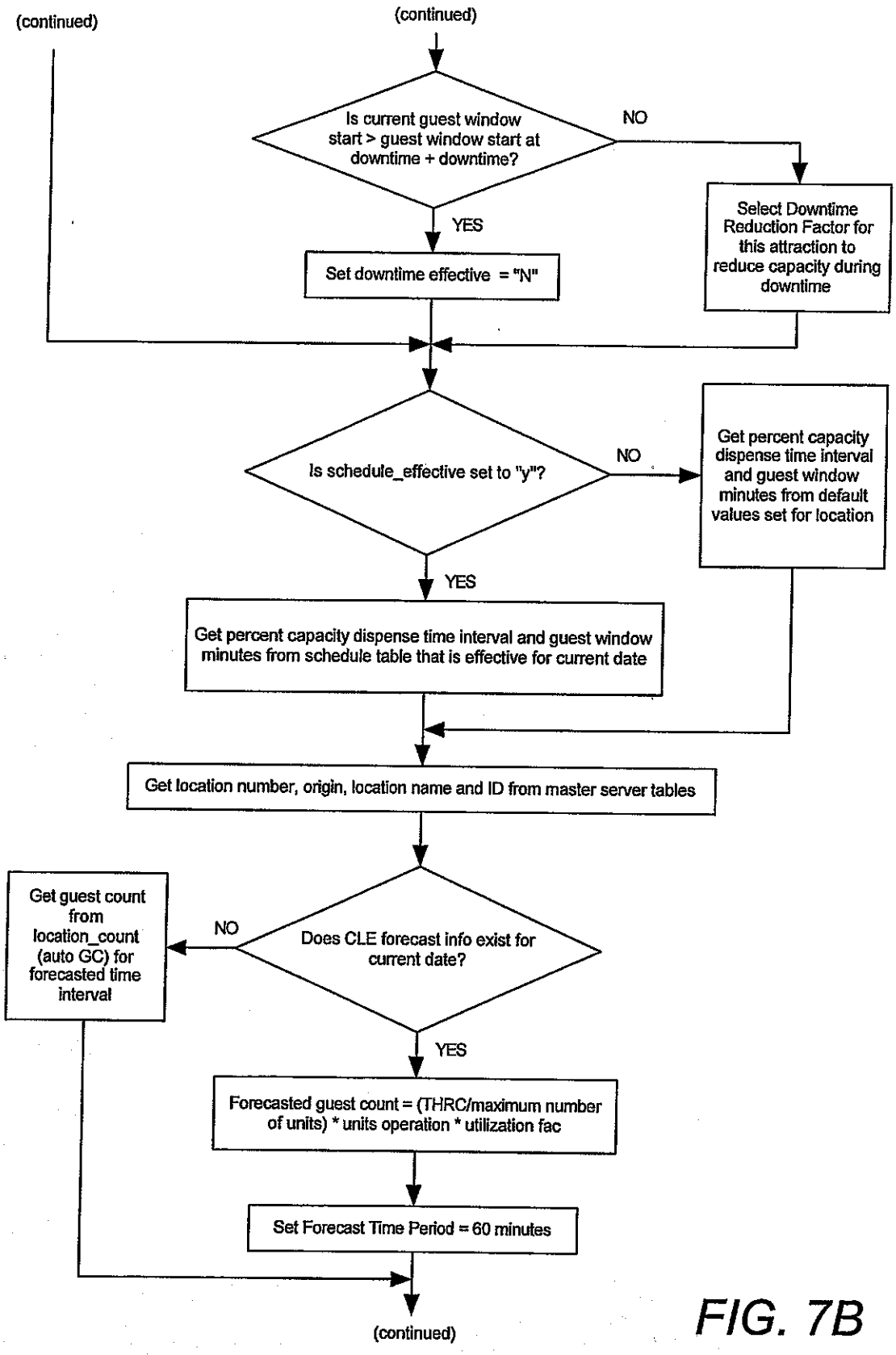

(continued)
(continued)
Is current guest window start > guest window start at downtime + downtime?
NO
YES
Select Downtime Reduction Factor for this attraction to reduce capacity during downtime
Set downtime effective = "N"
Is schedule_effective set to "y"?
NO
Get percent capacity dispense time interval and guest window minutes from default values set for location
YES
Get percent capacity dispense time interval and guest window minutes from schedule table that is effective for current date
Get location number, origin, location name and ID from master server tables
Get guest count from location_count (auto GC) for forecasted time interval
NO
Does CLE forecast info exist for current date?
YES
Forecasted guest count = (THRC/maximum number of units) * units operation * utilization fac
Set Forecast Time Period = 60 minutes
(continued)

FIG. 7B

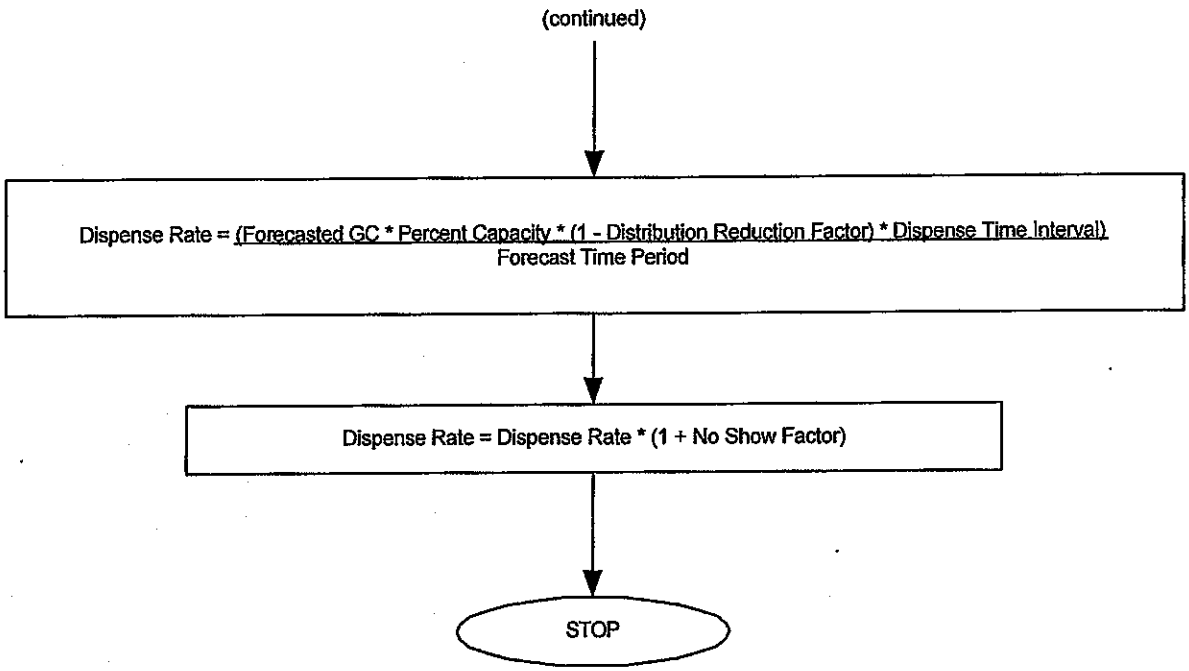

(continued)
Dispense Rate = (Forecasted GC * Percent Capacity * (1 - Distribution Reduction Factor) * Dispense Time Interval)
Forecast Time Period
Dispense Rate = Dispense Rate * (1 + No Show Factor)
STOP

FIG. 7C

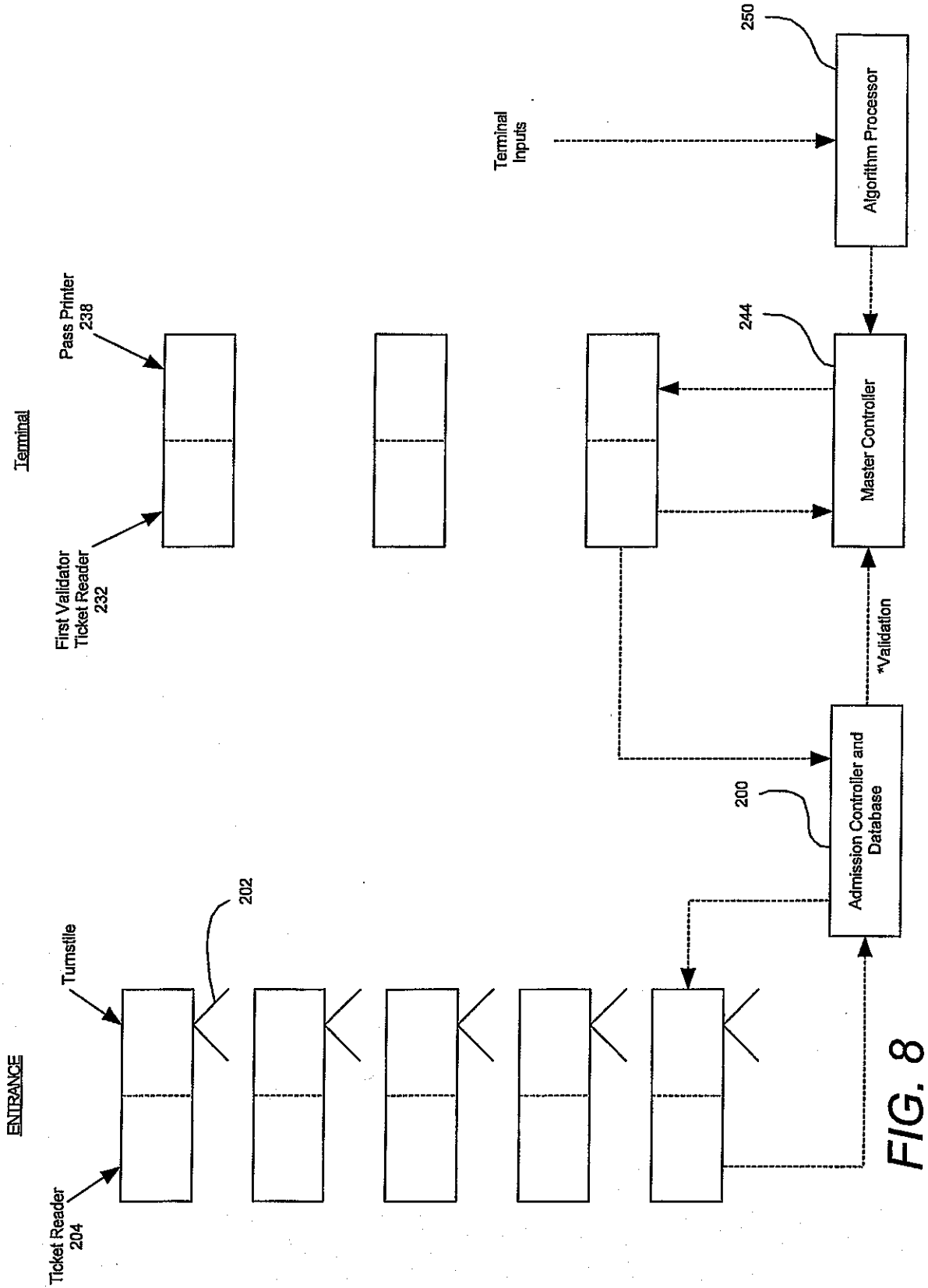

ENTRANCE
Ticket Reader
204
Turnstile
202
Terminal
First Validator
Ticket Reader
232
Pass Printer
238
Admission Controller and
Database
200
Validation
Master Controller
244
Terminal
Inputs
Algorithm Processor
250

FIG. 8

FIG. 9

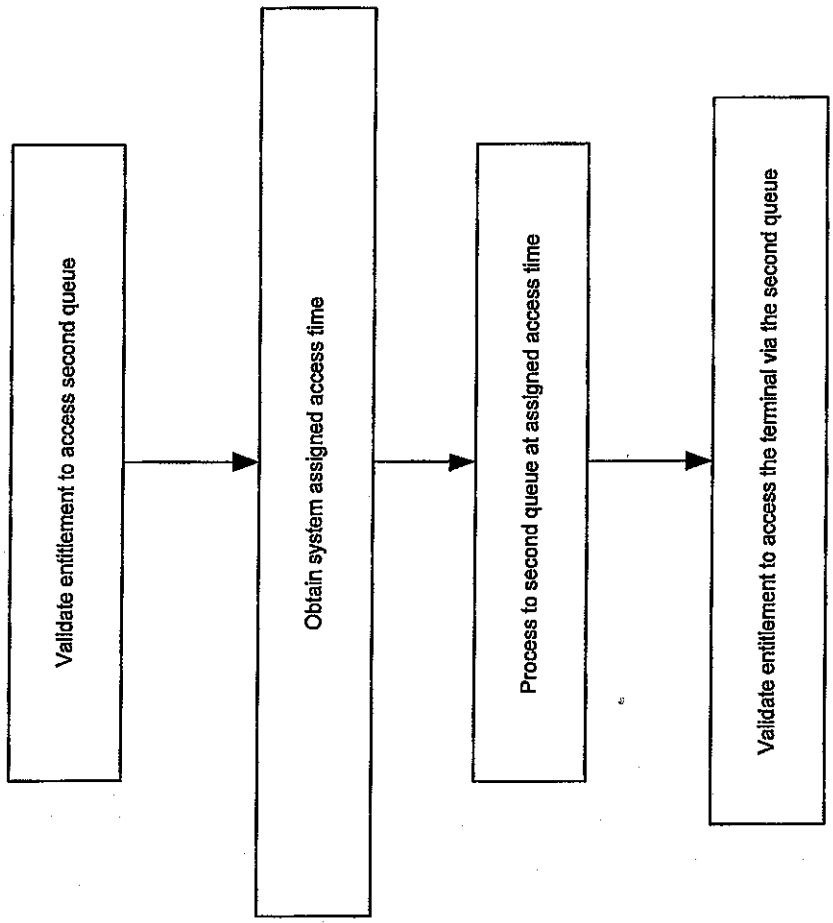
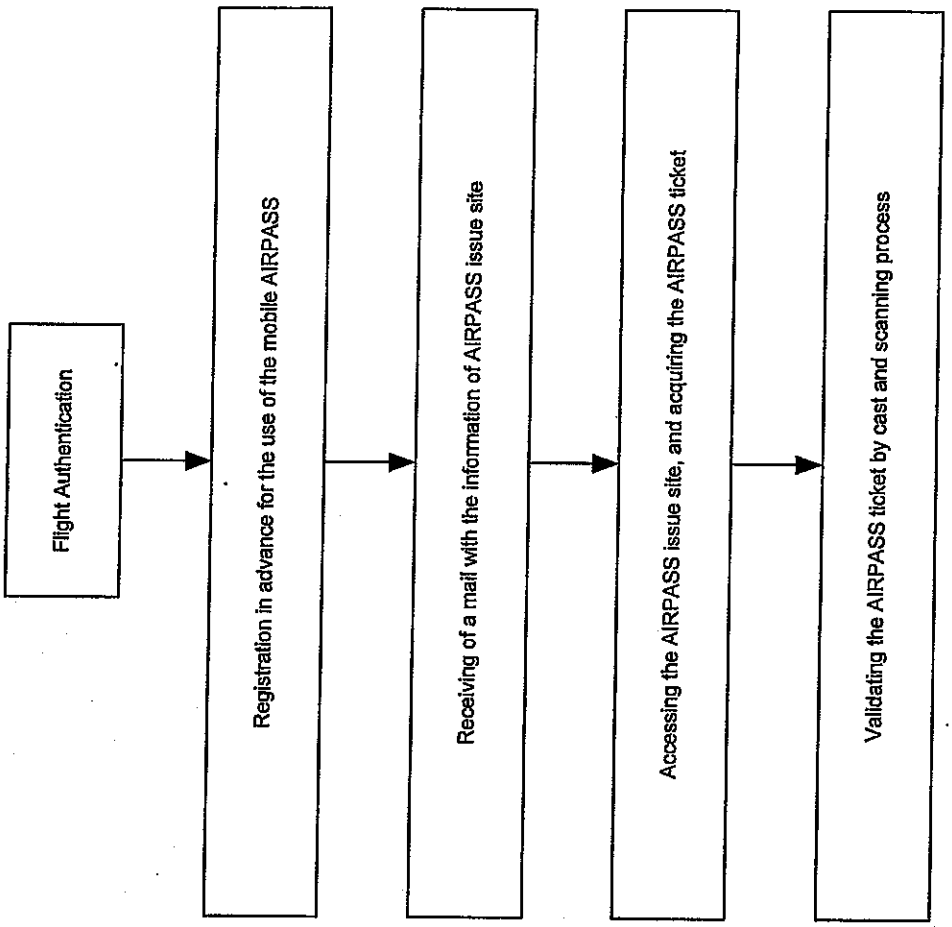

Validate entitlement to access second queue
Obtain system assigned access time
Process to second queue at assigned access time
Validate entitlement to access the terminal via the second queue

FIG. 10


Flight Authentication
Registration in advance for the use of the mobile AIRPASS
Receiving of a mail with the information of AIRPASS issue site
Accessing the AIRPASS issue site, and acquiring the AIRPASS ticket
Validating the AIRPASS ticket by cast and scanning process

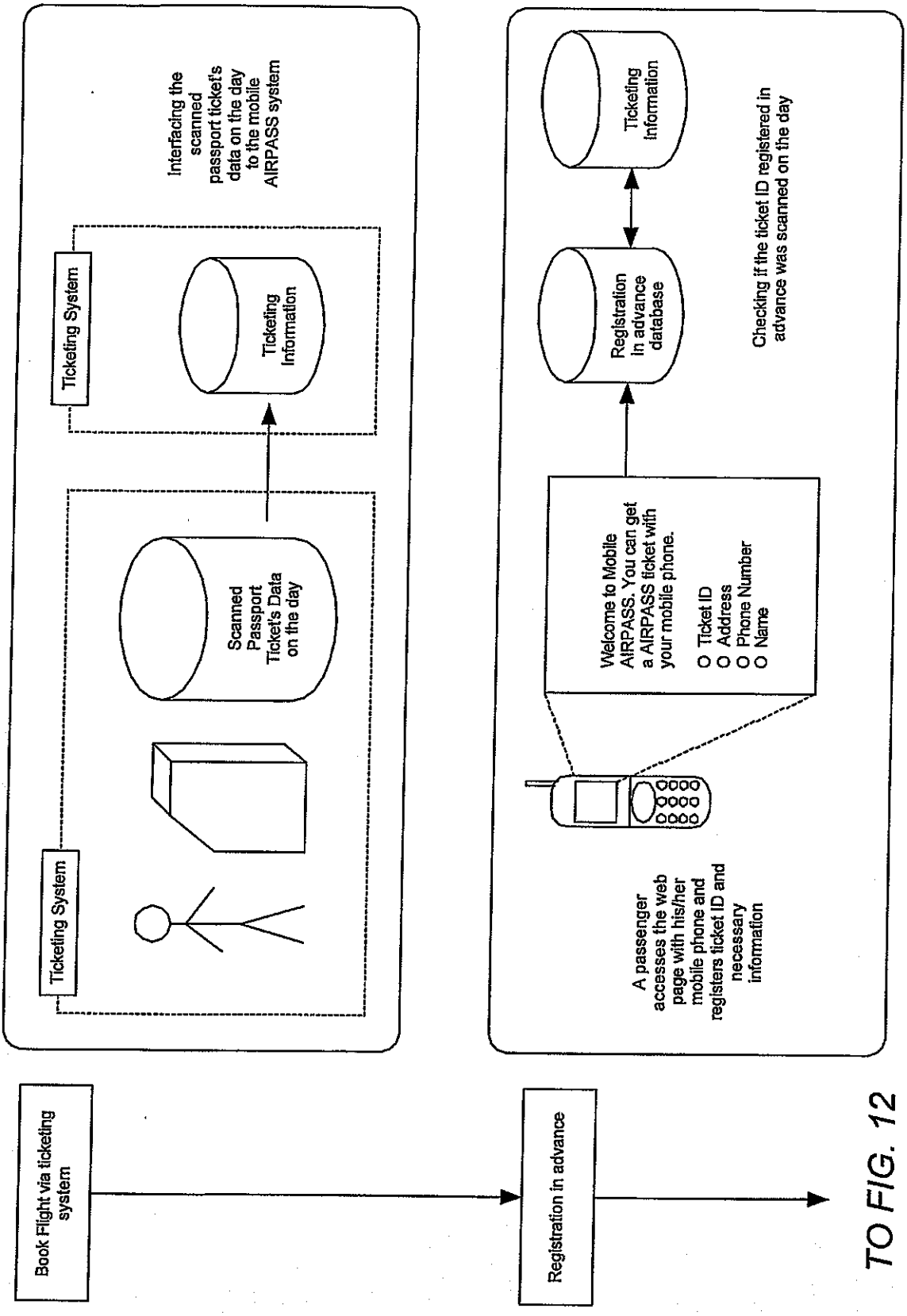

Book Flight via ticketing system
Registration in advance
Ticketing System
Scanned Passport Ticket's Data on the day
Ticketing System
Ticketing Information
Interfacing the scanned passport ticket's data on the day to the mobile AIRPASS system
A passenger accesses the web page with his/her mobile phone and registers ticket ID and necessary information
Welcome to Mobile AIRPASS. You can get a AIRPASS ticket with your mobile phone.
O Ticket ID
O Address
O Phone Number
O Name
Registration in advance database
Ticketing Information
Checking if the ticket ID registered in advance was scanned on the day
TO FIG. 12

FIG. 11

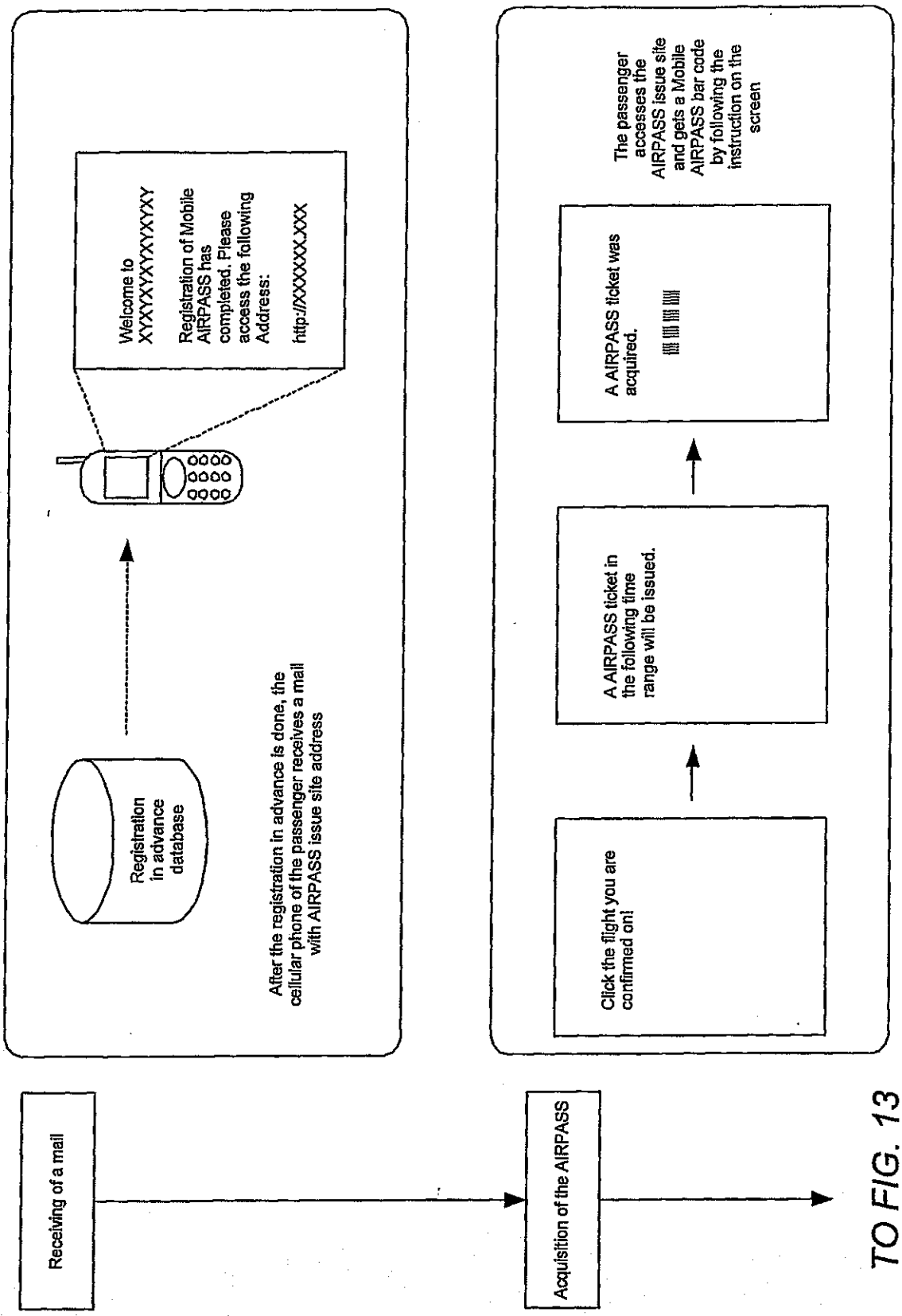


FIG. 12

TO FIG. 13

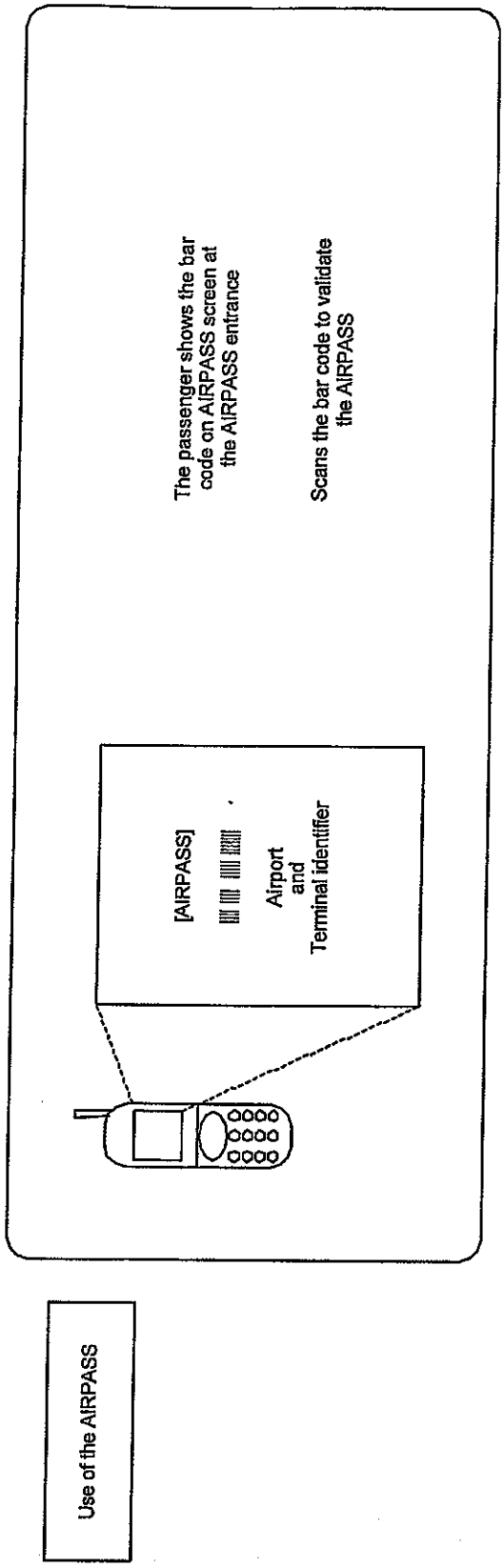

Use of the AIRPASS
[AIRPASS]
Airport
and
Terminal identifier
The passenger shows the bar code on AIRPASS screen at the AIRPASS entrance
Scans the bar code to validate the AIRPASS

FIG. 13

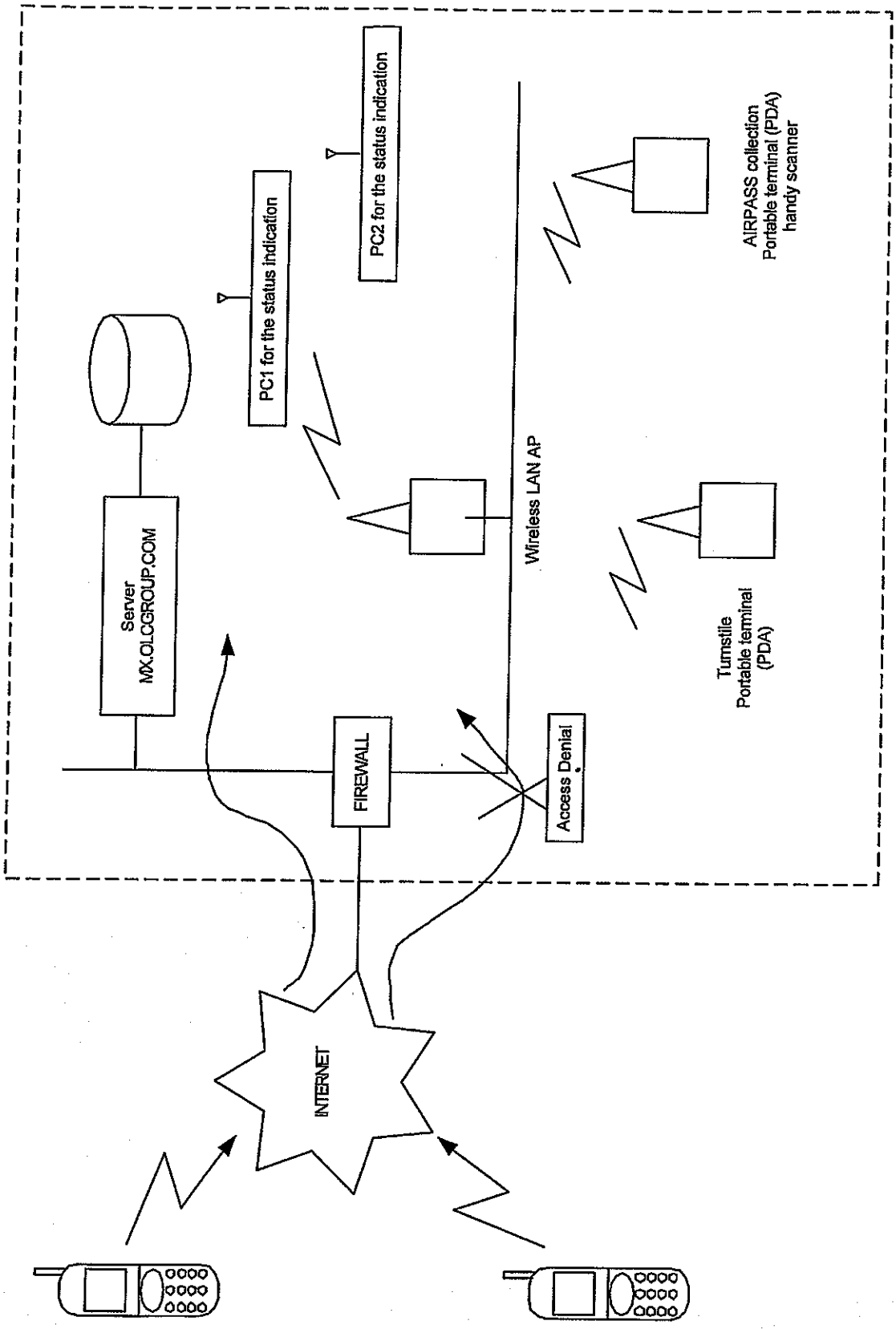

PC2 for the status indication
PC1 for the status indication
AIRPASS collection
Portable terminal (PDA)
handy scanner
Server
MX.OLCGROUP.COM
Wireless LAN AP
Turnstile
Portable terminal
(PDA)
FIREWALL
Access Denial
INTERNET

FIG. 14

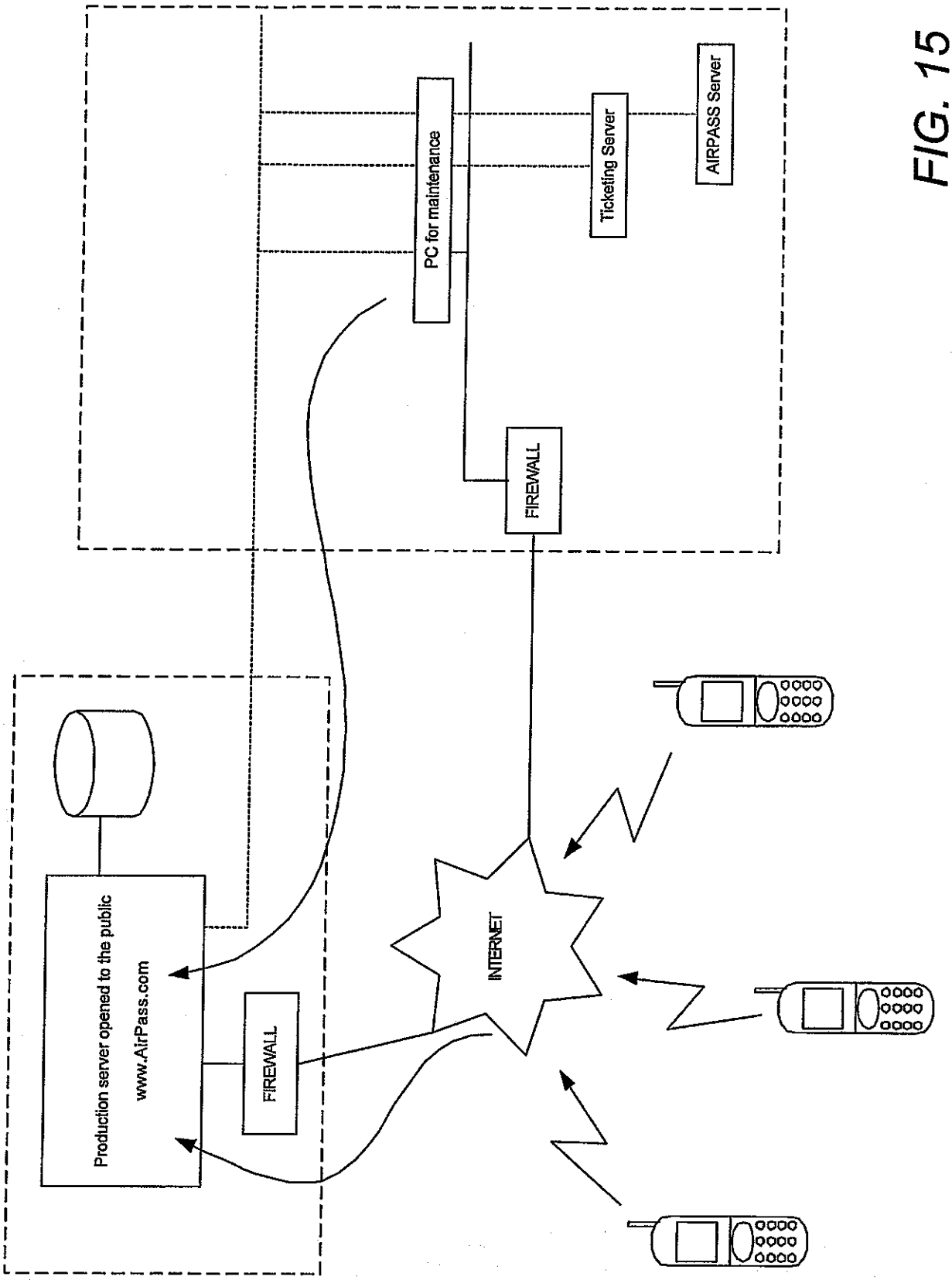

PC for maintenance
Ticketing Server
AIRPASS Server
FIREWALL
INTERNET
Production server opened to the public
www.AirPass.com
FIREWALL

FIG. 15

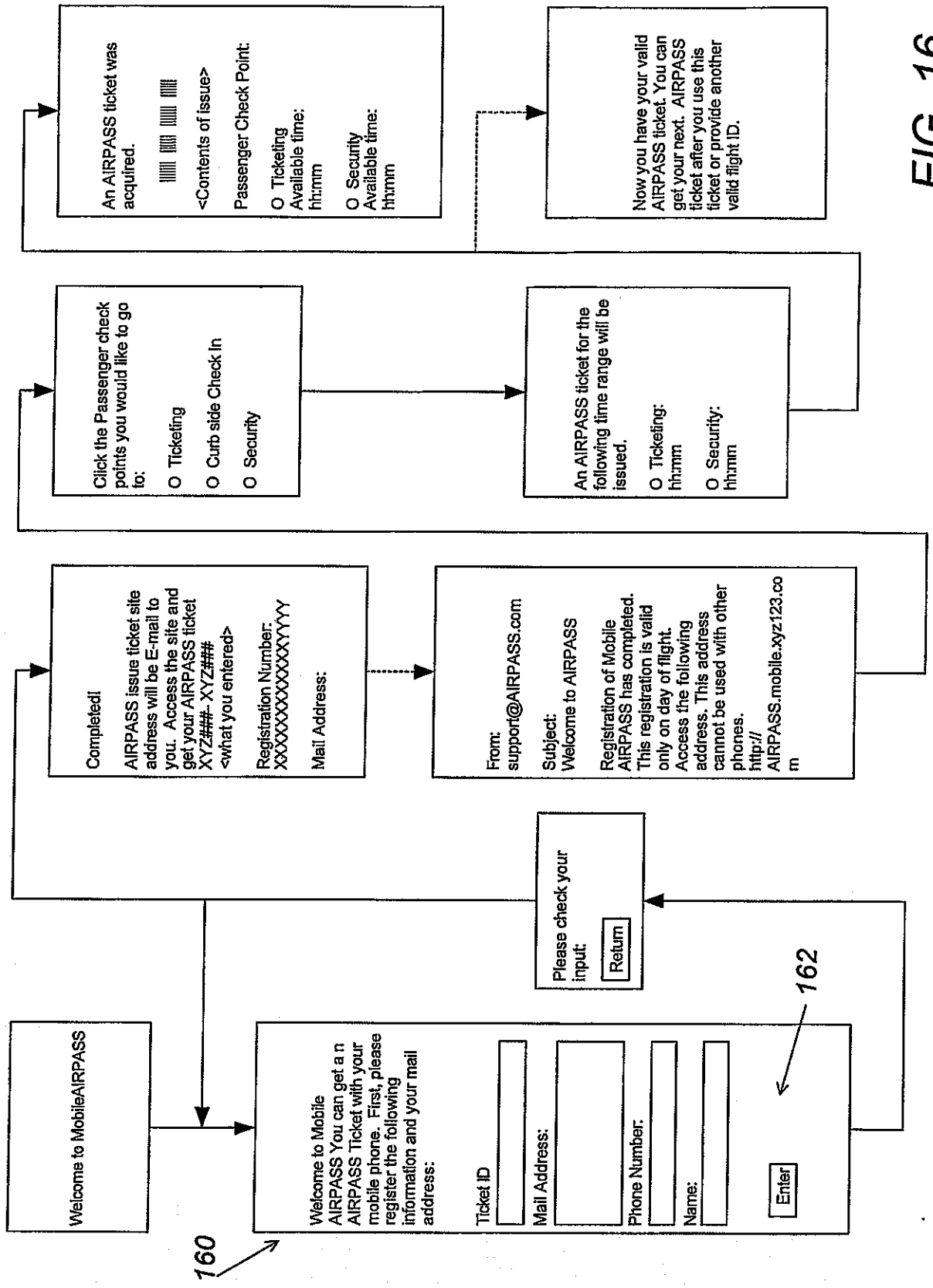

Welcome to MobileAIRPASS
160
Welcome to Mobile AIRPASS You can get a n AIRPASS Ticket with your mobile phone. First, please register the following information and your mail address:
Ticket ID
Mail Address:
Phone Number:
Name:
Enter
162
Please check your input:
Return
Completed!
AIRPASS issue ticket site address will be E-mail to you. Access the site and get your AIRPASS ticket XYZ### XYZ### <what you entered>
Registration Number: XXXXXXXXXXXXYYYY
Mail Address:
From: support@AIRPASS.com
Subject: Welcome to AIRPASS
Registration of Mobile AIRPASS has completed. This registration is valid only on day of flight. Access the following address. This address cannot be used with other phones. http:// AIRPASS.mobile.xyz123.com
Click the Passenger check points you would like to go to:
O Ticketing
O Curb side Check In
O Security
An AIRPASS ticket for the following time range will be issued.
O Ticketing: hh:mm
O Security: hh:mm
An AIRPASS ticket was acquired.
<Contents of issue>
Passenger Check Point:
O Ticketing Available time: hh:mm
O Security Available time: hh:mm
Now you have your valid AIRPASS ticket. You can get your next. AIRPASS ticket after you use this ticket or provide another valid flight ID.

FIG. 16

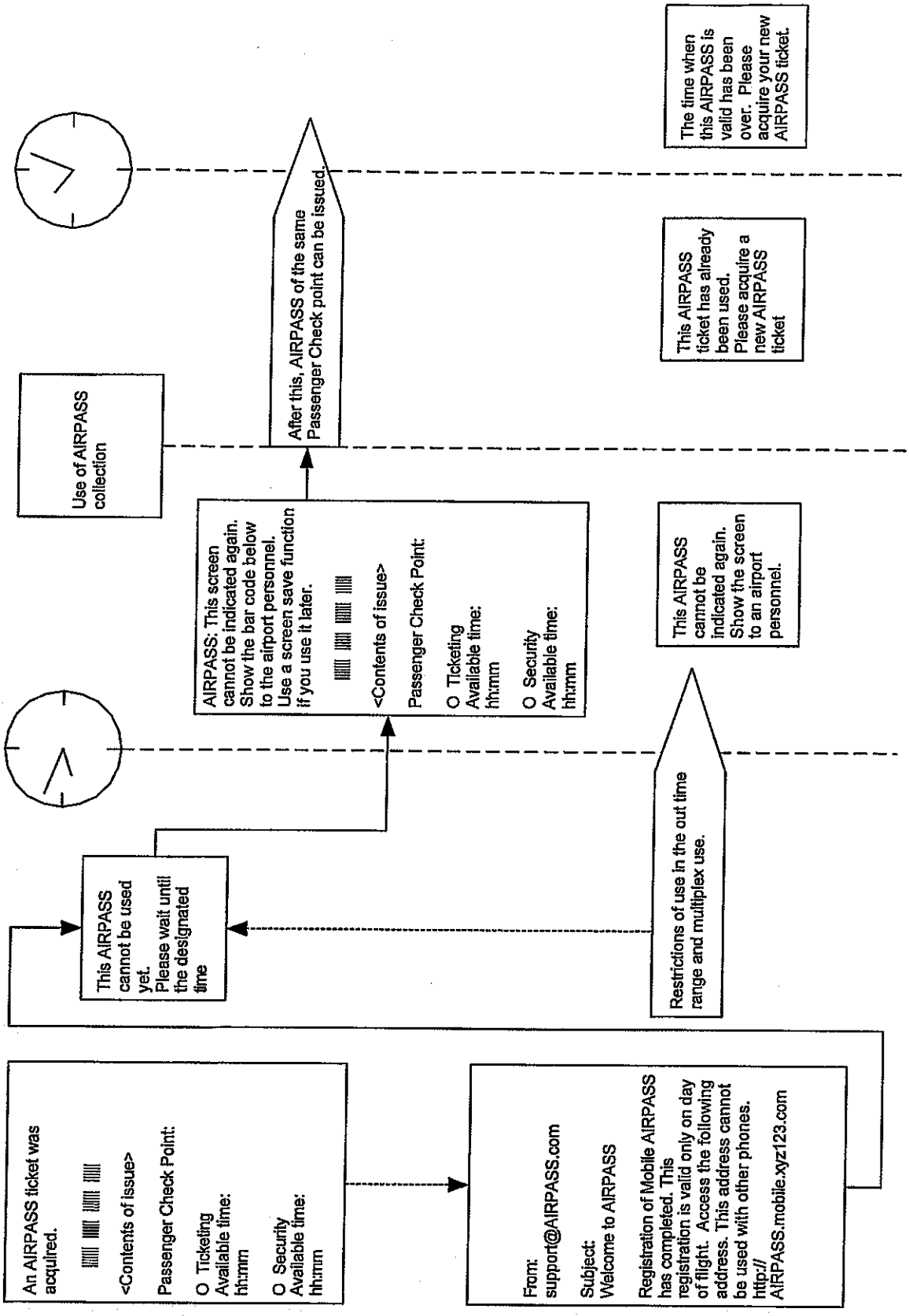

An AIRPASS ticket was acquired.
<Contents of issue>
Passenger Check Point:
O Ticketing Available time: hh:mm
O Security Available time: hh:mm
From: support@AIRPASS.com
Subject: Welcome to AIRPASS
Registration of Mobile AIRPASS has completed. This registration is valid only on day of flight. Access the following address. This address cannot be used with other phones. http:// AIRPASS.mobile.xyz123.com
This AIRPASS cannot be used yet. Please wait until the designated time
Restrictions of use in the out time range and multiplex use.
AIRPASS: This screen cannot be indicated again. Show the bar code below to the airport personnel. Use a screen save function if you use it later.
<Contents of issue>
Passenger Check Point:
O Ticketing Available time: hh:mm
O Security Available time: hh:mm
This AIRPASS cannot be indicated again. Show the screen to an airport personnel.
Use of AIRPASS collection
After this, AIRPASS of the same Passenger Check point can be issued.
This AIRPASS ticket has already been used. Please acquire a new AIRPASS ticket
The time when this AIRPASS is valid has been over. Please acquire your new AIRPASS ticket.

FIG. 17

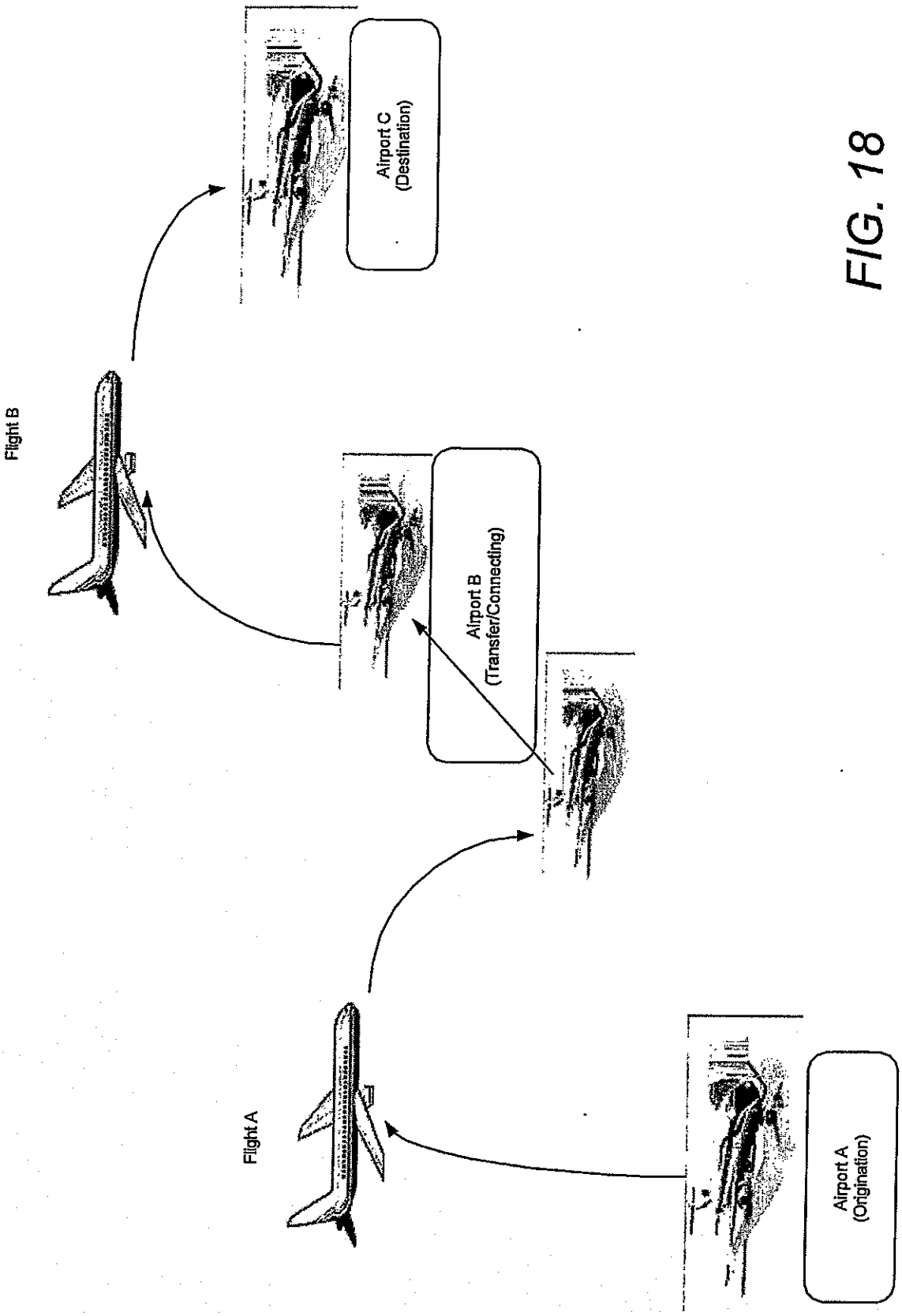

Airport A
(Origination)
Flight A
Airport B
(Transfer/Connecting)
Flight B
Airport C
(Destination)

FIG. 18