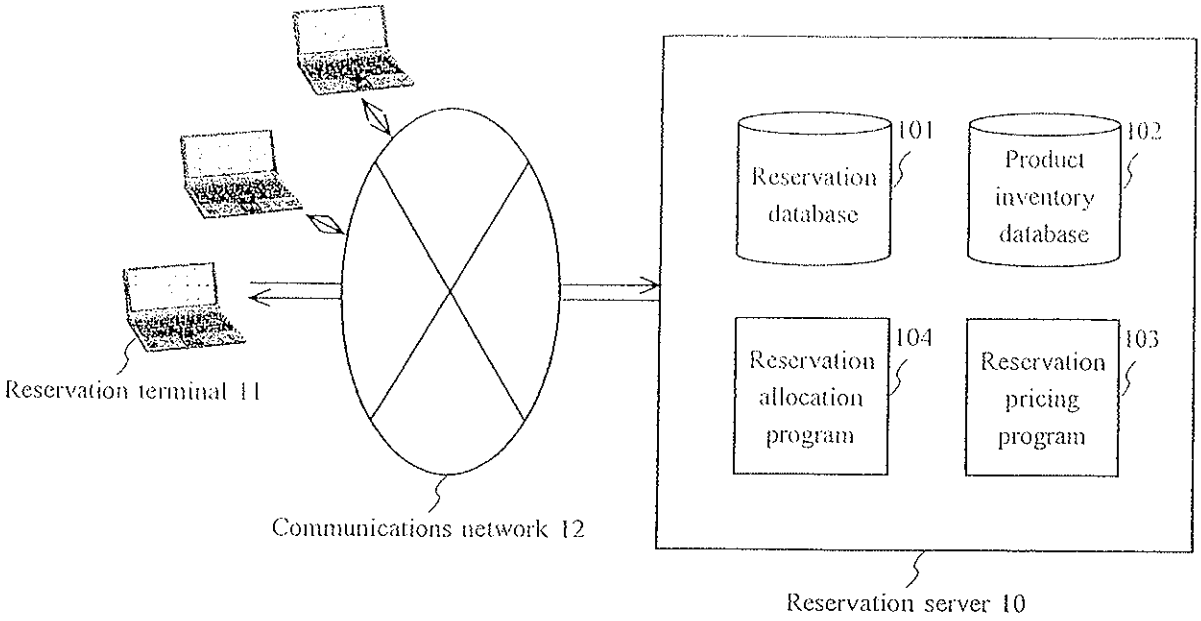

Reservation terminal 11
Communications network 12
Reservation database
101
Product inventory database
102
Reservation allocation program
104
Reservation pricing program
103
Reservation server 10

Fig.1

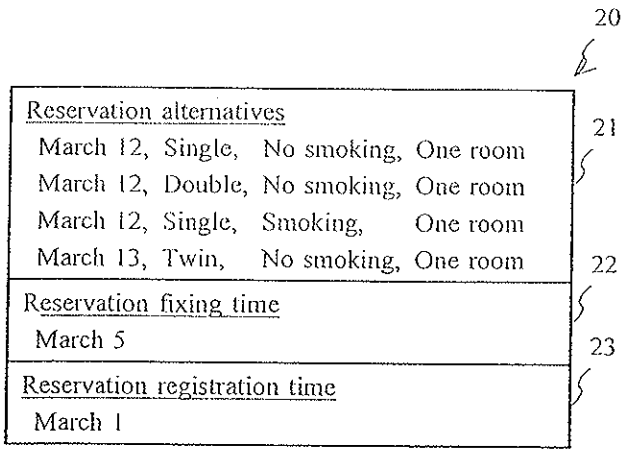

20
Reservation alternatives
March 12, Single, No smoking, One room
March 12, Double, No smoking, One room
March 12, Single, Smoking, One room
March 13, Twin, No smoking, One room
21
Reservation fixing time
March 5
22
Reservation registration time
March 1
23

Fig.2

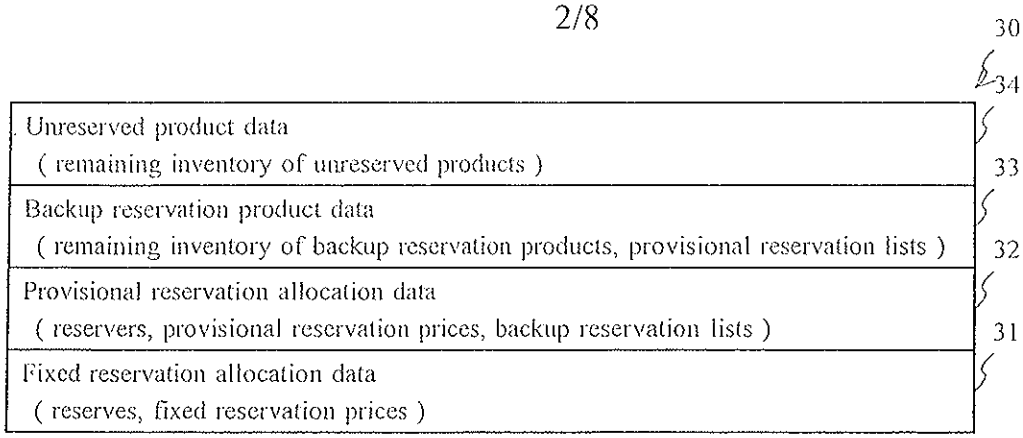

30
34
Unreserved product data
(remaining inventory of unreserved products)
33
Backup reservation product data
(remaining inventory of backup reservation products, provisional reservation lists)
32
Provisional reservation allocation data
(reservers, provisional reservation prices, backup reservation lists)
31
Fixed reservation allocation data
(reserves, fixed reservation prices)

Fig.3

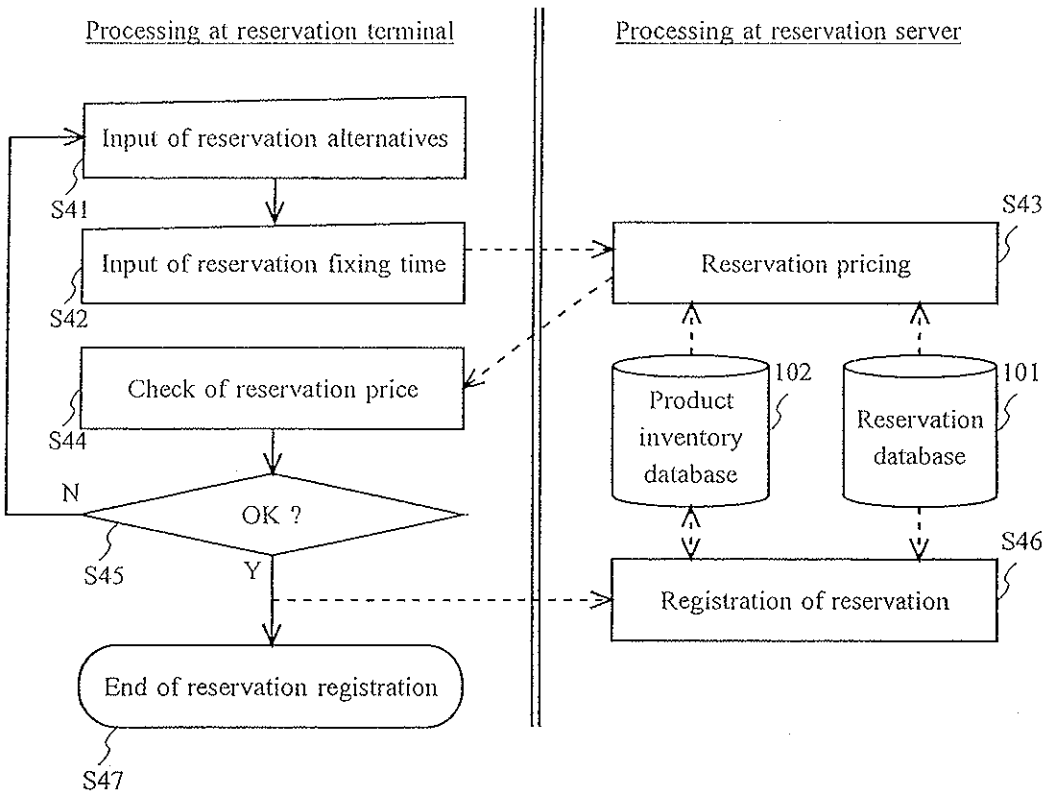

Processing at reservation terminal
Processing at reservation server
Input of reservation alternatives
S41
Input of reservation fixing time
S42
Check of reservation price
S44
N
OK ?
S45
Y
End of reservation registration
S47
S43
Reservation pricing
102
Product inventory database
101
Reservation database
S46
Registration of reservation

Fig.4

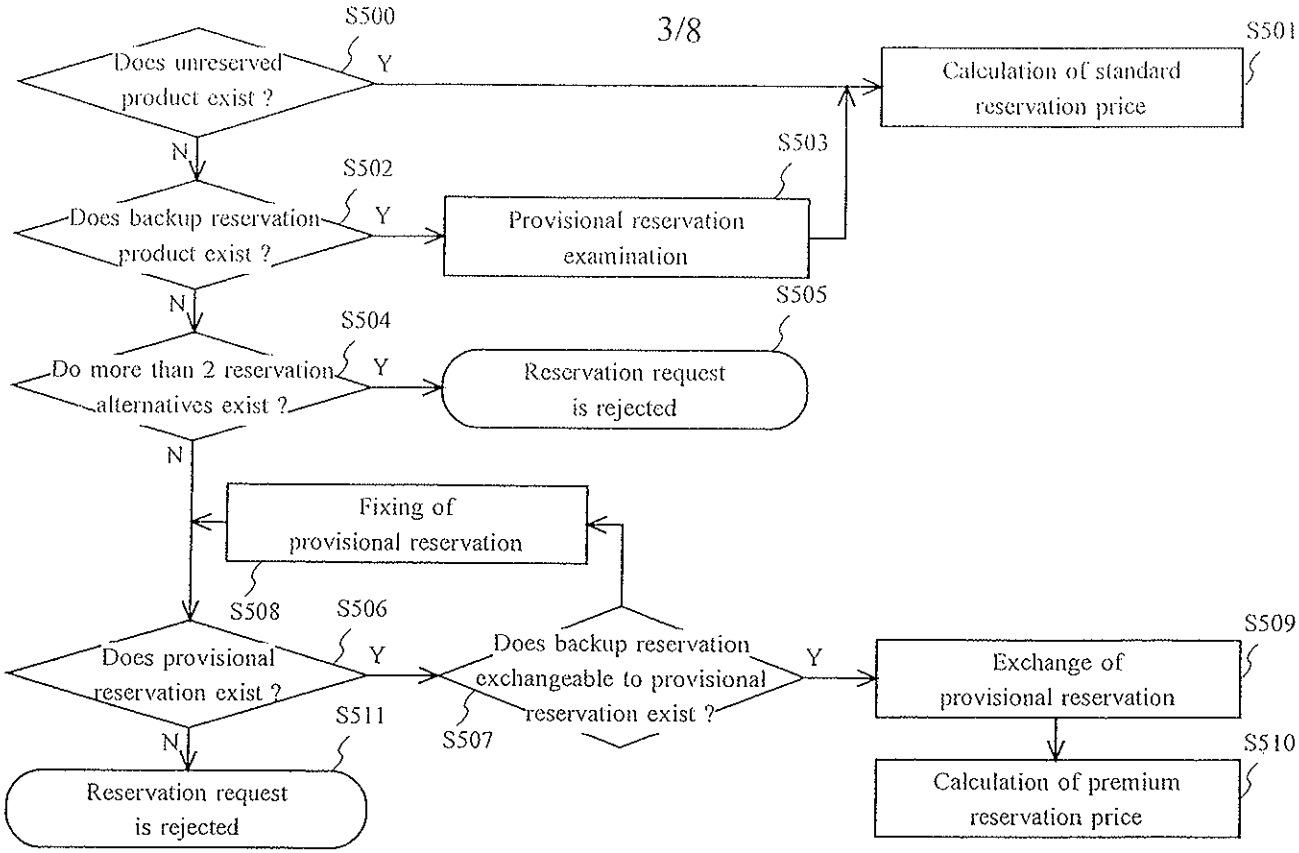

S500
Does unreserved product exist ?
Y
S501
Calculation of standard reservation price
N
S502
Does backup reservation product exist ?
Y
S503
Provisional reservation examination
N
S504
Do more than 2 reservation alternatives exist ?
Y
S505
Reservation request is rejected
N
Fixing of provisional reservation
S508
S506
Does provisional reservation exist ?
Y
S507
Does backup reservation exchangeable to provisional reservation exist ?
Y
S509
Exchange of provisional reservation
S510
Calculation of premium reservation price
N
S511
Reservation request is rejected

Fig.5

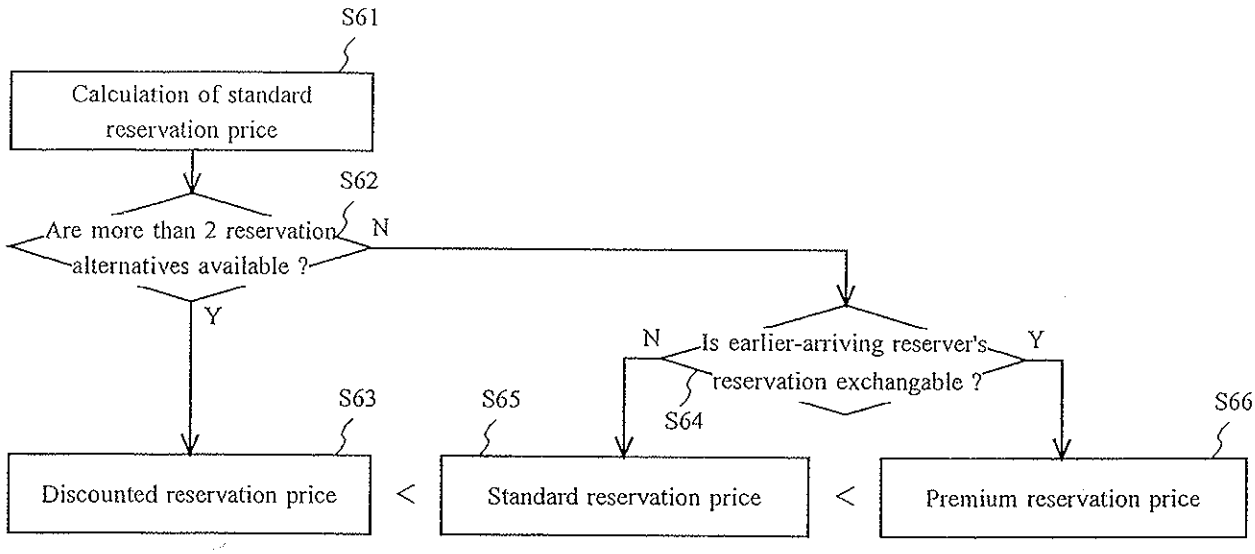

S61
Calculation of standard reservation price
S62
Are more than 2 reservation alternatives available ?
N
Y
N
Is earlier-arriving reserver's reservation exchangable ?
Y
S64
S63
Discounted reservation price
<
S65
Standard reservation price
<
S66
Premium reservation price

Fig.6

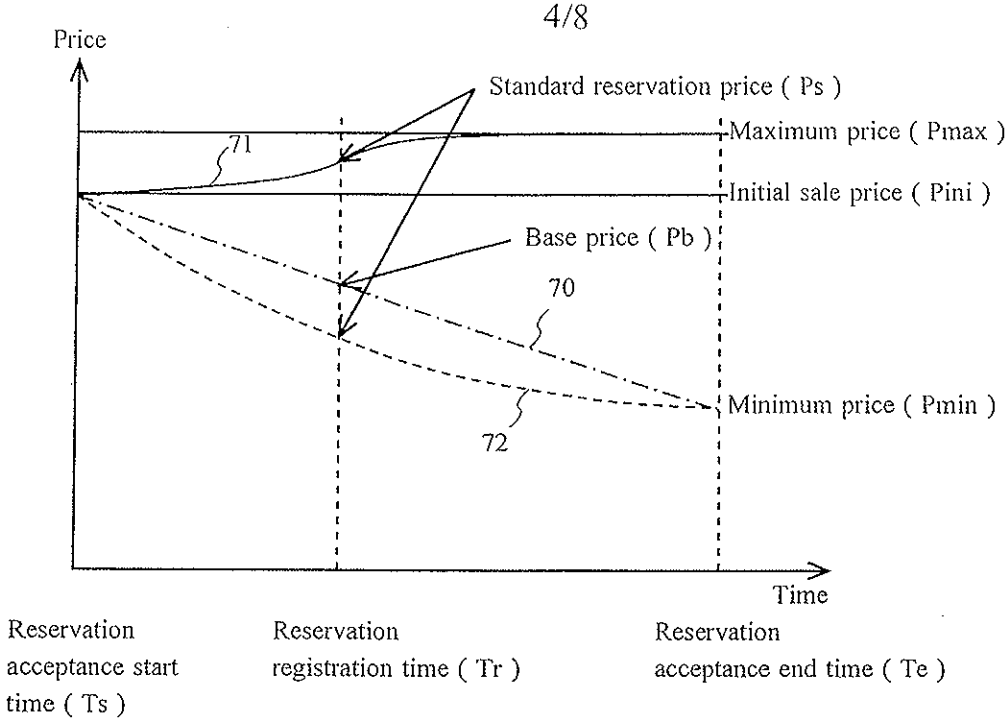

Price
Standard reservation price (Ps)
Maximum price (Pmax)
71
Initial sale price (Pini)
Base price (Pb)
70
Minimum price (Pmin)
72
Time
Reservation acceptance start time (Ts)
Reservation registration time (Tr)
Reservation acceptance end time (Te)

Fig.7

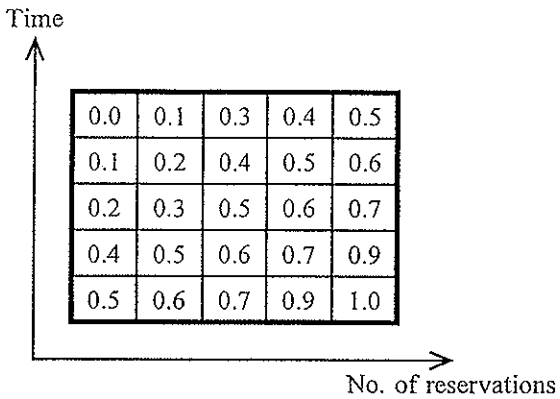

Time
0.0 0.1 0.3 0.4 0.5
0.1 0.2 0.4 0.5 0.6
0.2 0.3 0.5 0.6 0.7
0.4 0.5 0.6 0.7 0.9
0.5 0.6 0.7 0.9 1.0
No. of reservations

Fig.8

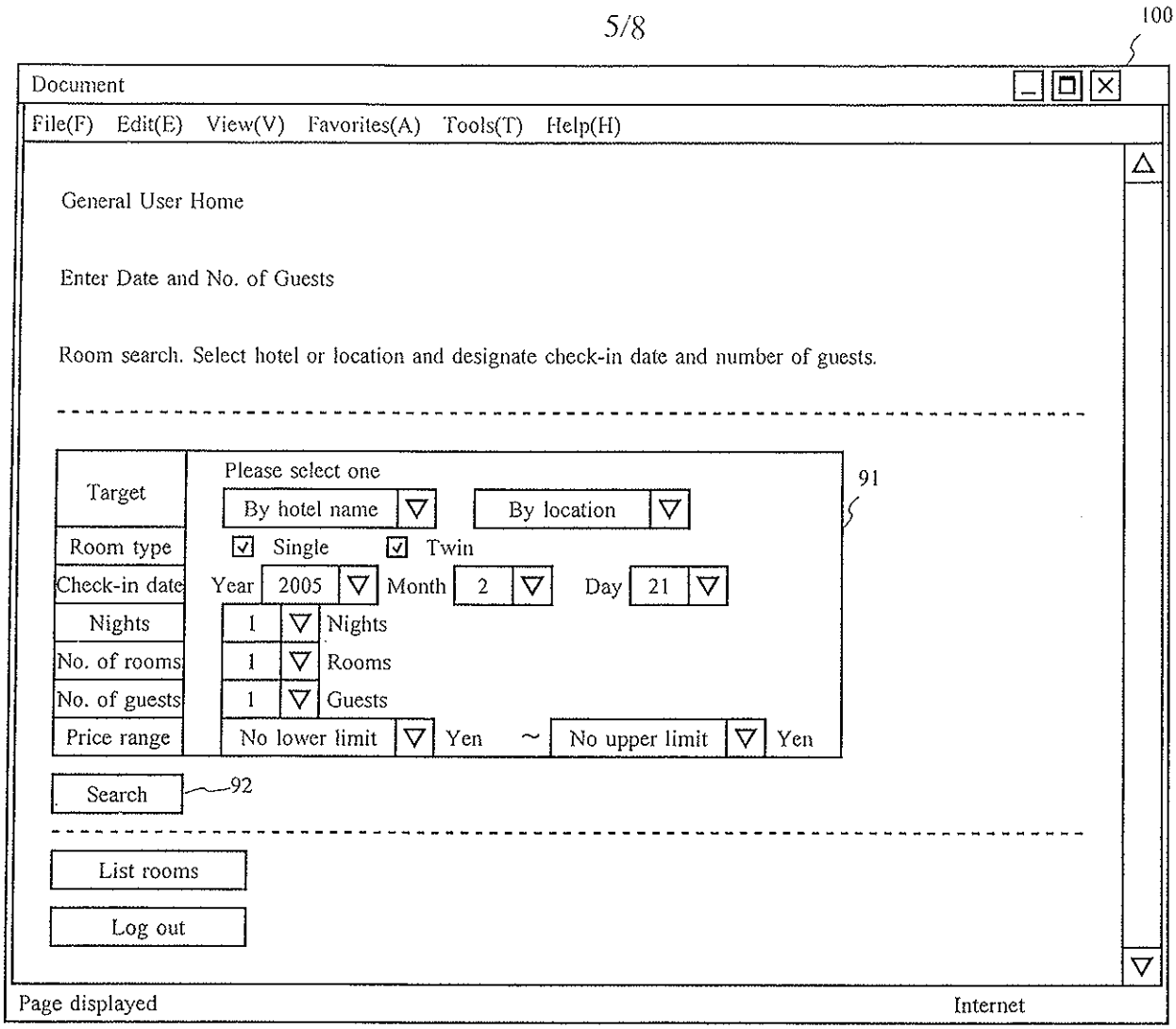

100
Document
File(F) Edit(E) View(V) Favorites(A) Tools(T) Help(H)
General User Home
Enter Date and No. of Guests
Room search. Select hotel or location and designate check-in date and number of guests.
Target
Please select one
By hotel name
By location
91
Room type
Single
Twin
Check-in date
Year 2005
Month 2
Day 21
Nights
1 Nights
No. of rooms
1 Rooms
No. of guests
1 Guests
Price range
No lower limit Yen ~ No upper limit Yen
Search
92
List rooms
Log out
Page displayed
Internet

Fig.9

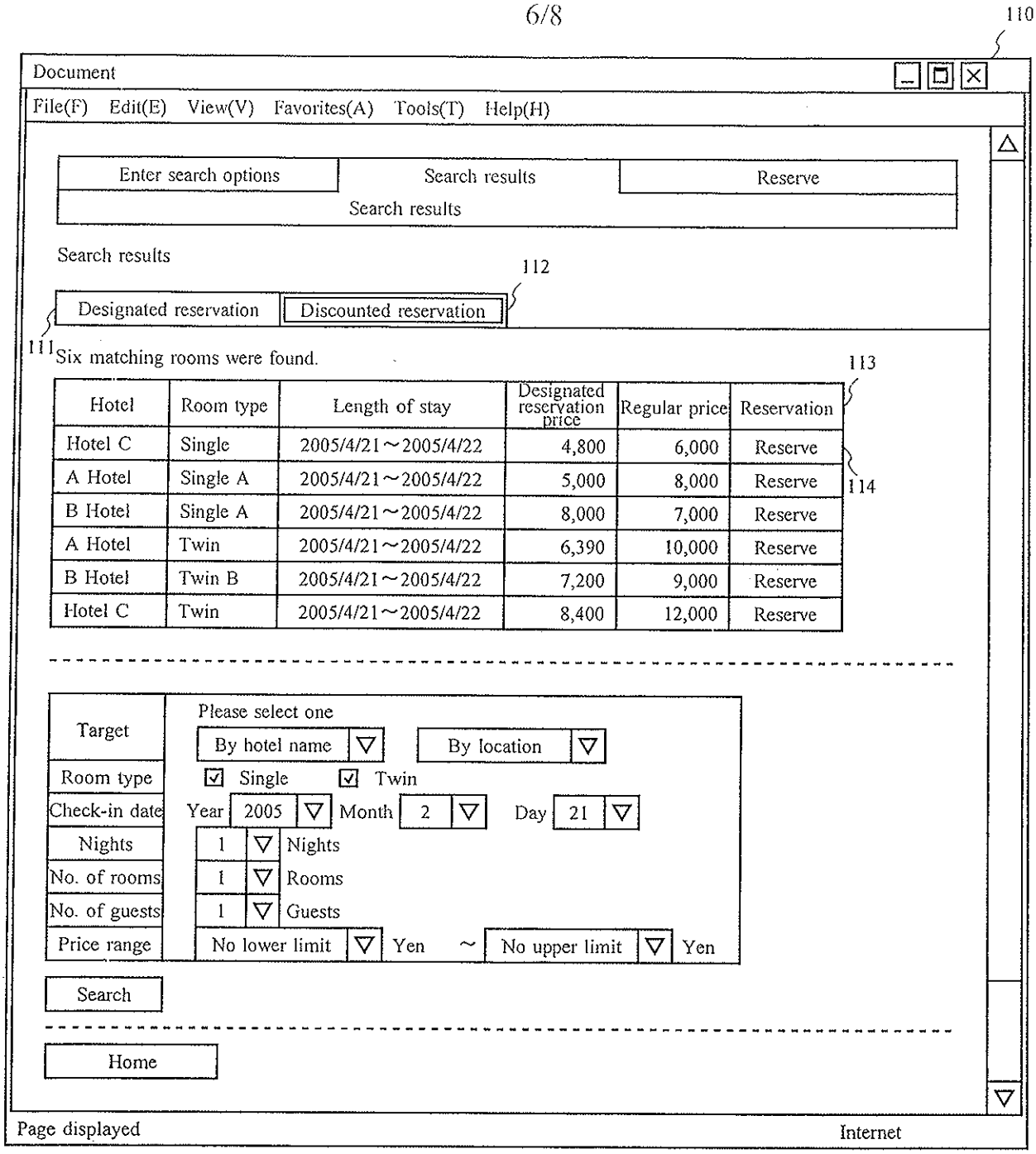

110
Document
File(F) Edit(E) View(V) Favorites(A) Tools(T) Help(H)
Enter search options
Search results
Reserve
Search results
Search results
112
Designated reservation
Discounted reservation
111
Six matching rooms were found.
113
114
Hotel
Room type
Length of stay
Designated reservation price
Regular price
Reservation
Hotel C
Single
2005/4/21～2005/4/22
4,800
6,000
Reserve
A Hotel
Single A
2005/4/21～2005/4/22
5,000
8,000
Reserve
B Hotel
Single A
2005/4/21～2005/4/22
8,000
7,000
Reserve
A Hotel
Twin
2005/4/21～2005/4/22
6,390
10,000
Reserve
B Hotel
Twin B
2005/4/21～2005/4/22
7,200
9,000
Reserve
Hotel C
Twin
2005/4/21～2005/4/22
8,400
12,000
Reserve
Target
Please select one
By hotel name
By location
Room type
Single
Twin
Check-in date
Year 2005
Month 2
Day 21
Nights
1
Nights
No. of rooms
1
Rooms
No. of guests
1
Guests
Price range
No lower limit
Yen
～
No upper limit
Yen
Search
Home
Page displayed
Internet

Fig.10

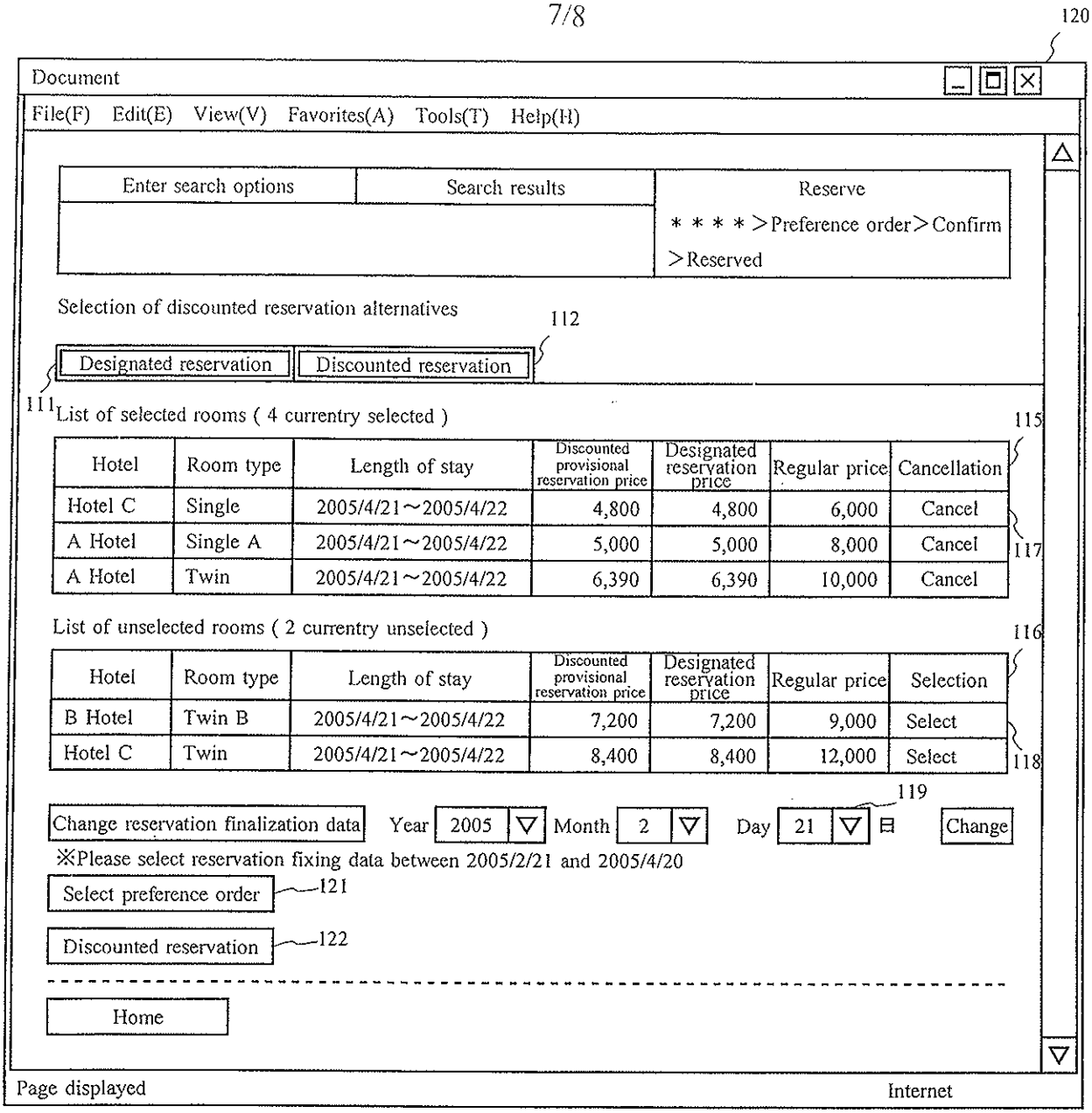

120
Document
File(F) Edit(E) View(V) Favorites(A) Tools(T) Help(H)
Enter search options
Search results
Reserve
＊＊＊＊＞Preference order＞Confirm ＞Reserved
Selection of discounted reservation alternatives
112
Designated reservation
Discounted reservation
111
List of selected rooms (4 currentry selected)
115
Hotel | Room type | Length of stay | Discounted provisional reservation price | Designated reservation price | Regular price | Cancellation
Hotel C | Single | 2005/4/21～2005/4/22 | 4,800 | 4,800 | 6,000 | Cancel
A Hotel | Single A | 2005/4/21～2005/4/22 | 5,000 | 5,000 | 8,000 | Cancel
A Hotel | Twin | 2005/4/21～2005/4/22 | 6,390 | 6,390 | 10,000 | Cancel
117
List of unselected rooms (2 currentry unselected)
116
Hotel | Room type | Length of stay | Discounted provisional reservation price | Designated reservation price | Regular price | Selection
B Hotel | Twin B | 2005/4/21～2005/4/22 | 7,200 | 7,200 | 9,000 | Select
Hotel C | Twin | 2005/4/21～2005/4/22 | 8,400 | 8,400 | 12,000 | Select
118
119
Change reservation finalization data
Year 2005 Month 2 Day 21 日
Change
※Please select reservation fixing data between 2005/2/21 and 2005/4/20
Select preference order
121
Discounted reservation
122
Home
Page displayed
Internet

Fig.11

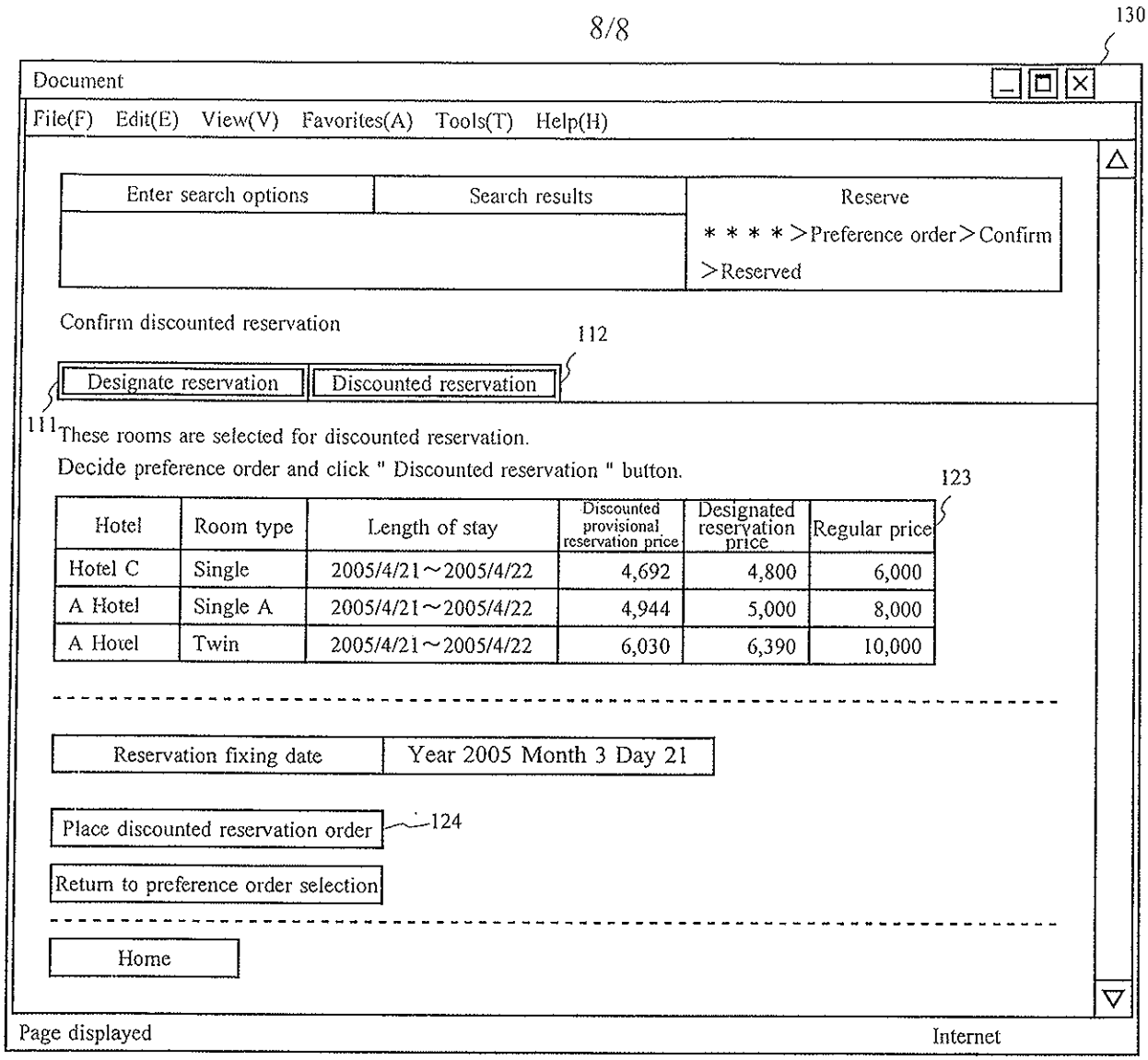

130
Document
File(F) Edit(E) View(V) Favorites(A) Tools(T) Help(H)
Enter search options
Search results
Reserve
* * * * > Preference order > Confirm > Reserved
Confirm discounted reservation
112
Designate reservation
Discounted reservation
111
These rooms are selected for discounted reservation.
Decide preference order and click " Discounted reservation " button.
123
Hotel | Room type | Length of stay | Discounted provisional reservation price | Designated reservation price | Regular price
Hotel C | Single | 2005/4/21~2005/4/22 | 4,692 | 4,800 | 6,000
A Hotel | Single A | 2005/4/21~2005/4/22 | 4,944 | 5,000 | 8,000
A Hotel | Twin | 2005/4/21~2005/4/22 | 6,030 | 6,390 | 10,000
Reservation fixing date
Year 2005 Month 3 Day 21
Place discounted reservation order
124
Return to preference order selection
Home
Page displayed
Internet

Fig.12