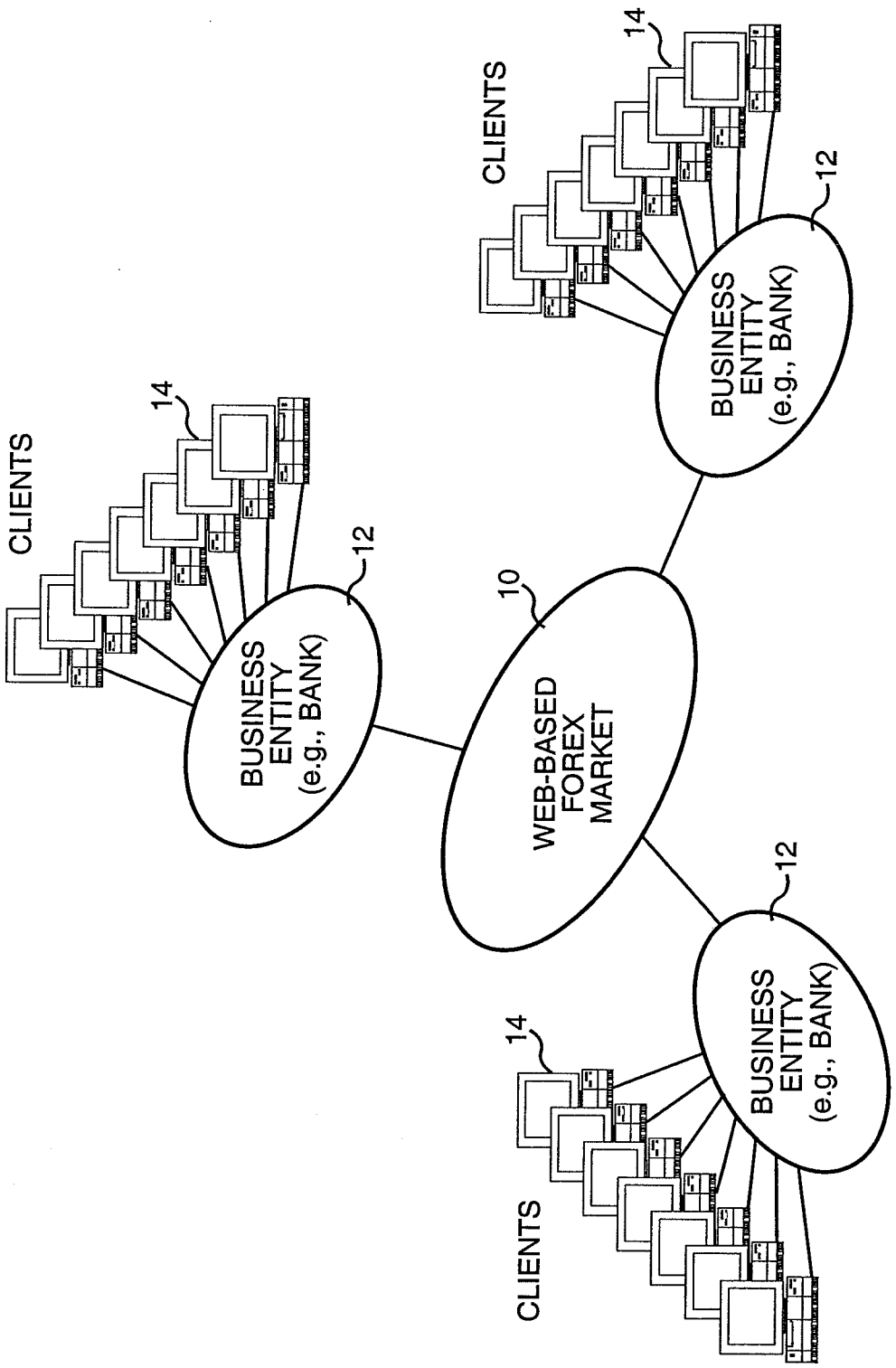
CLIENTS
14
BUSINESS ENTITY (e.g., BANK)
12
10
WEB-BASED FOREX MARKET
CLIENTS
14
BUSINESS ENTITY (e.g., BANK)
12
CLIENTS
14
BUSINESS ENTITY (e.g., BANK)
12

FIG. 1

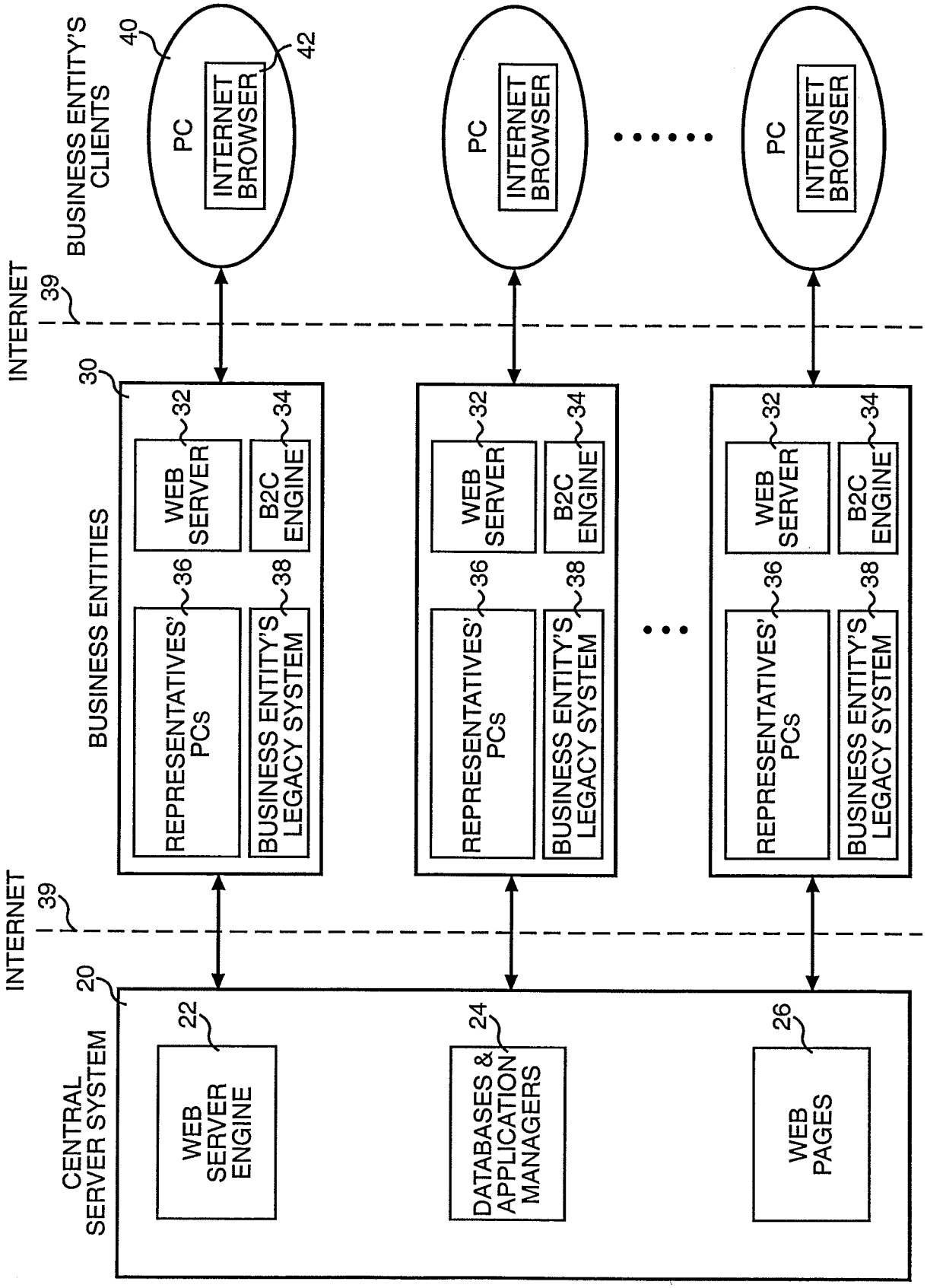
CENTRAL SERVER SYSTEM
20
WEB SERVER ENGINE
22
DATABASES & APPLICATION MANAGERS
24
WEB PAGES
26
INTERNET
39
BUSINESS ENTITIES
30
REPRESENTATIVES' PCs
36
BUSINESS ENTITY'S LEGACY SYSTEM
38
WEB SERVER
32
B2C ENGINE
34
INTERNET
39
BUSINESS ENTITY'S CLIENTS
PC
INTERNET BROWSER
40
42

FIG. 2

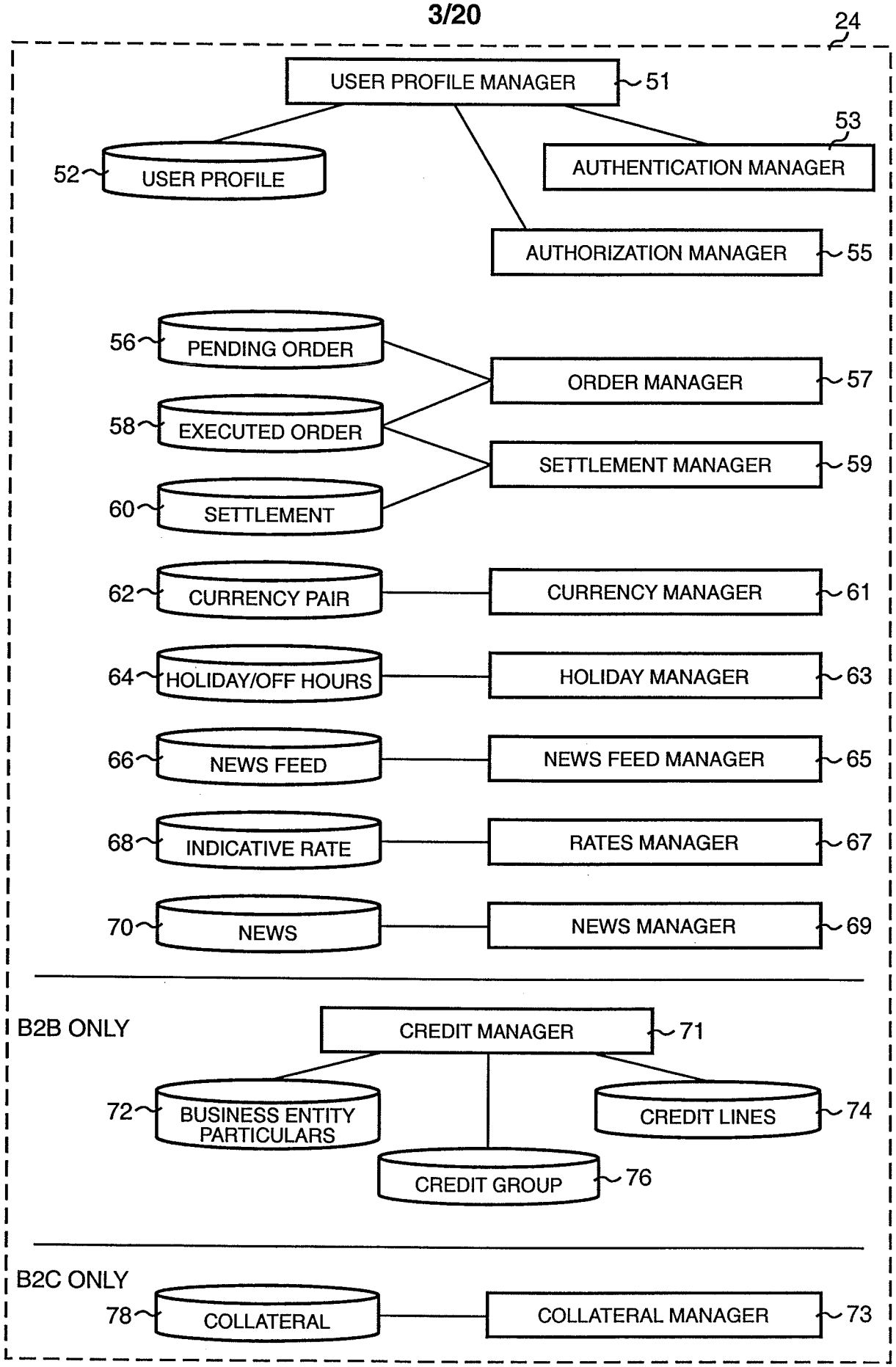
24
USER PROFILE MANAGER
51
53
52
USER PROFILE
AUTHENTICATION MANAGER
AUTHORIZATION MANAGER
55
56
PENDING ORDER
ORDER MANAGER
57
58
EXECUTED ORDER
SETTLEMENT MANAGER
59
60
SETTLEMENT
62
CURRENCY PAIR
CURRENCY MANAGER
61
64
HOLIDAY/OFF HOURS
HOLIDAY MANAGER
63
66
NEWS FEED
NEWS FEED MANAGER
65
68
INDICATIVE RATE
RATES MANAGER
67
70
NEWS
NEWS MANAGER
69
B2B ONLY
CREDIT MANAGER
71
72
BUSINESS ENTITY PARTICULARS
CREDIT LINES
74
CREDIT GROUP
76
B2C ONLY
78
COLLATERAL
COLLATERAL MANAGER
73

FIG. 3

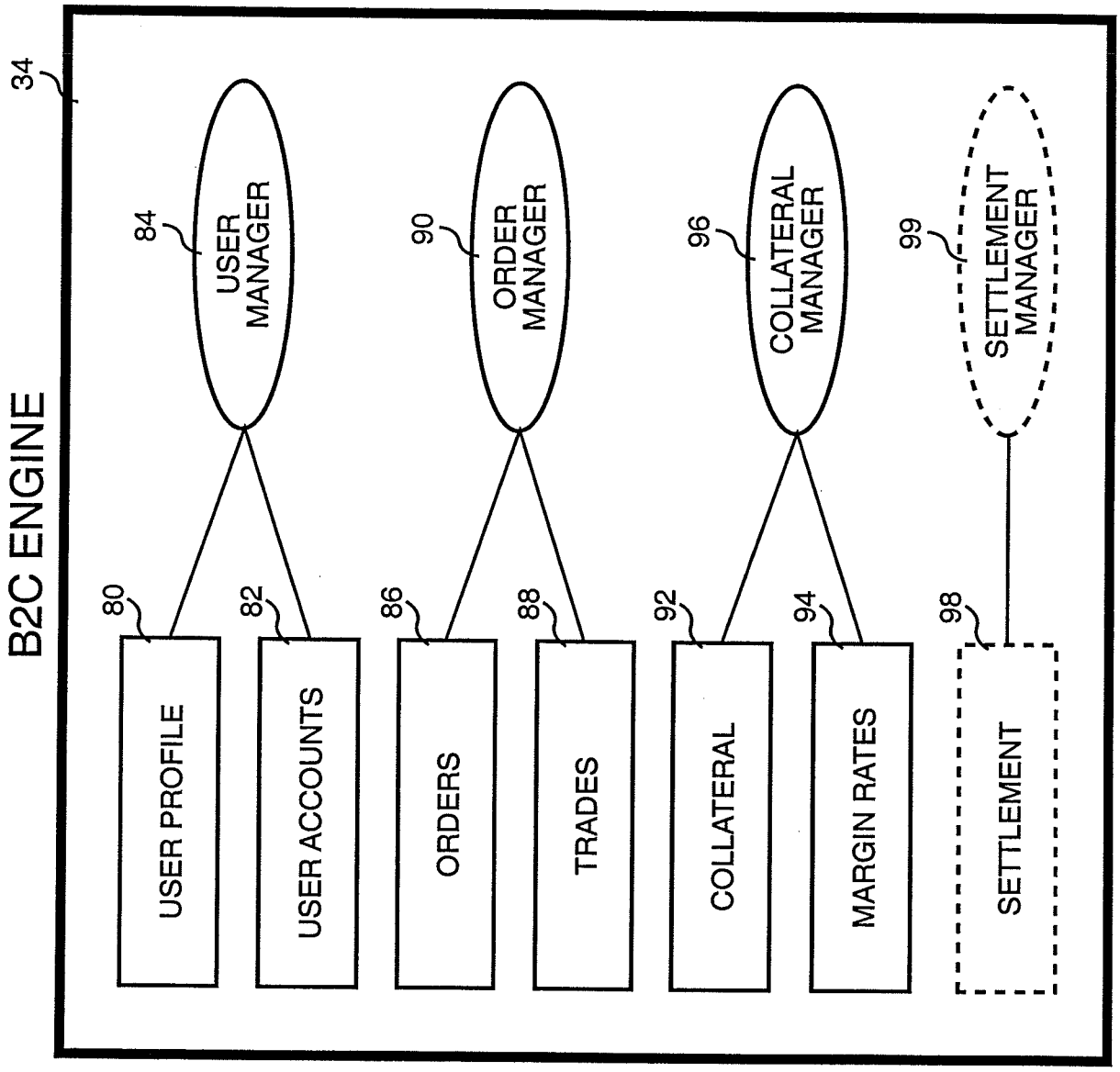
B2C ENGINE
34
USER MANAGER
84
ORDER MANAGER
90
COLLATERAL MANAGER
96
SETTLEMENT MANAGER
99
USER PROFILE
80
USER ACCOUNTS
82
ORDERS
86
TRADES
88
COLLATERAL
92
MARGIN RATES
94
SETTLEMENT
98

FIG. 4

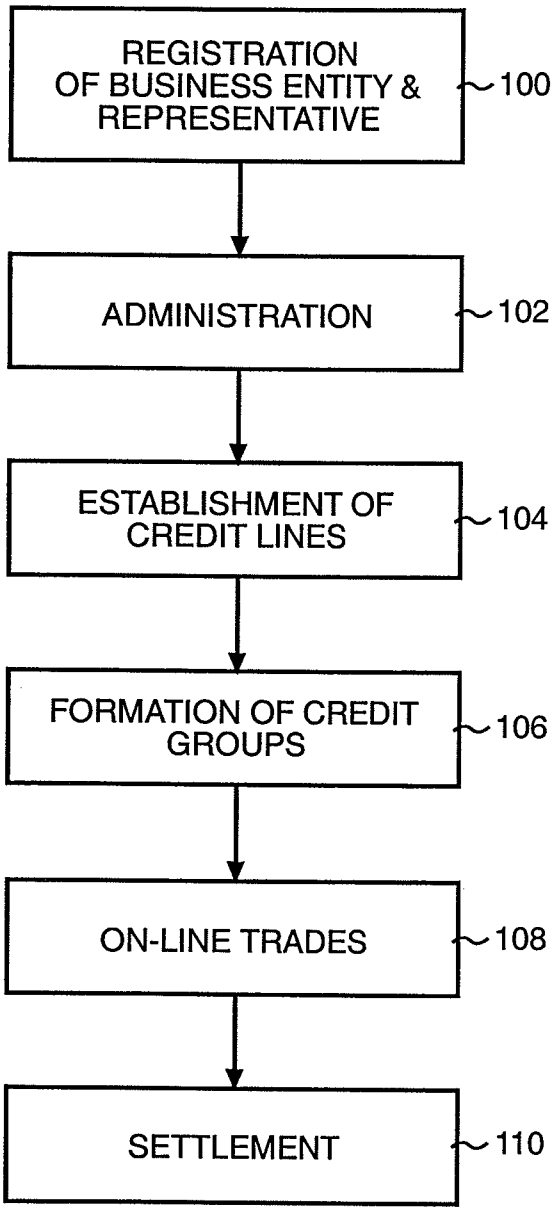
REGISTRATION OF BUSINESS ENTITY & REPRESENTATIVE
100
ADMINISTRATION
102
ESTABLISHMENT OF CREDIT LINES
104
FORMATION OF CREDIT GROUPS
106
ON-LINE TRADES
108
SETTLEMENT
110

FIG. 5

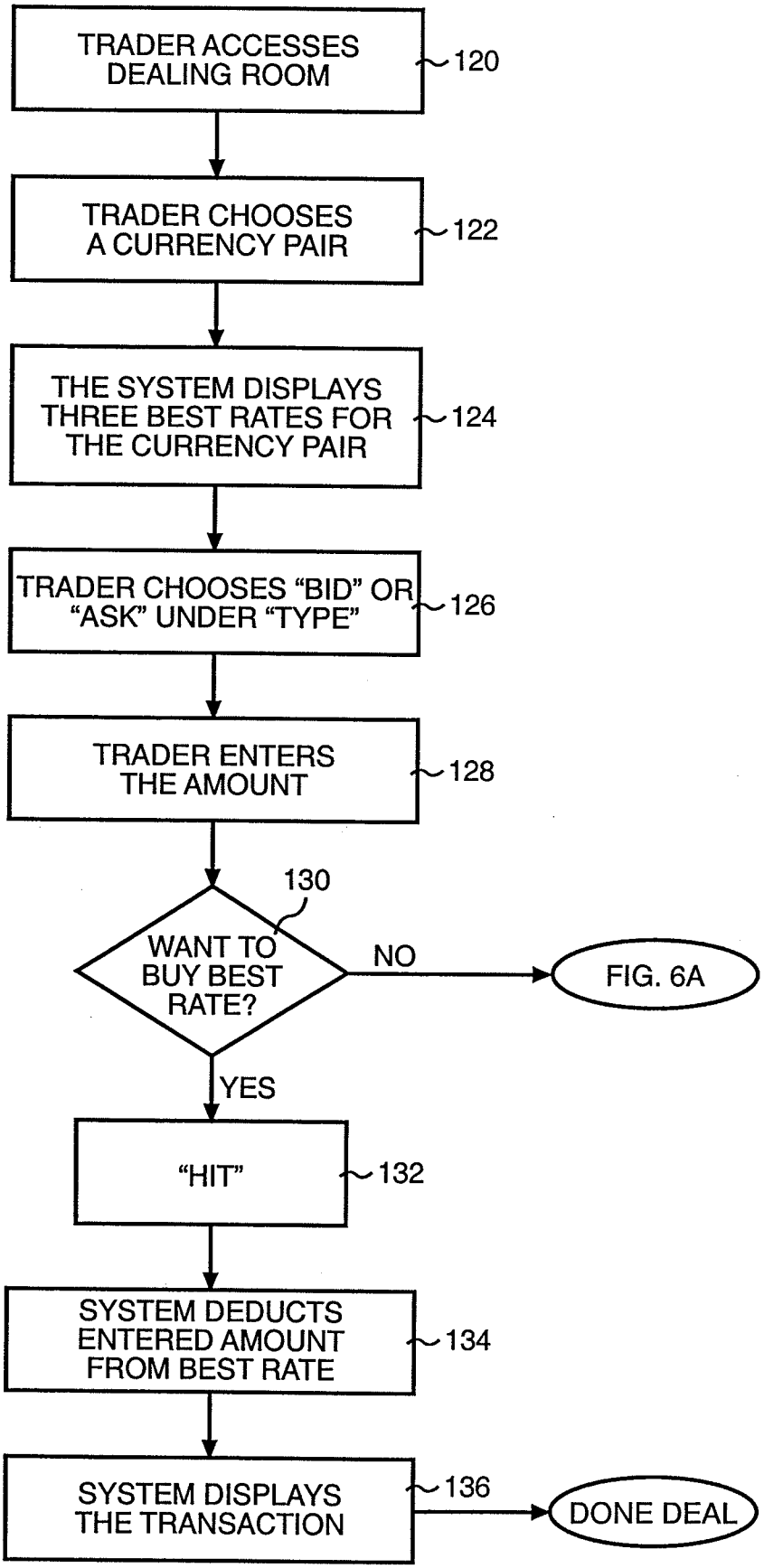
TRADER ACCESSES DEALING ROOM
120
TRADER CHOOSES A CURRENCY PAIR
122
THE SYSTEM DISPLAYS THREE BEST RATES FOR THE CURRENCY PAIR
124
TRADER CHOOSES "BID" OR "ASK" UNDER "TYPE"
126
TRADER ENTERS THE AMOUNT
128
130
WANT TO BUY BEST RATE?
NO
FIG. 6A
YES
"HIT"
132
SYSTEM DEDUCTS ENTERED AMOUNT FROM BEST RATE
134
SYSTEM DISPLAYS THE TRANSACTION
136
DONE DEAL

FIG. 6

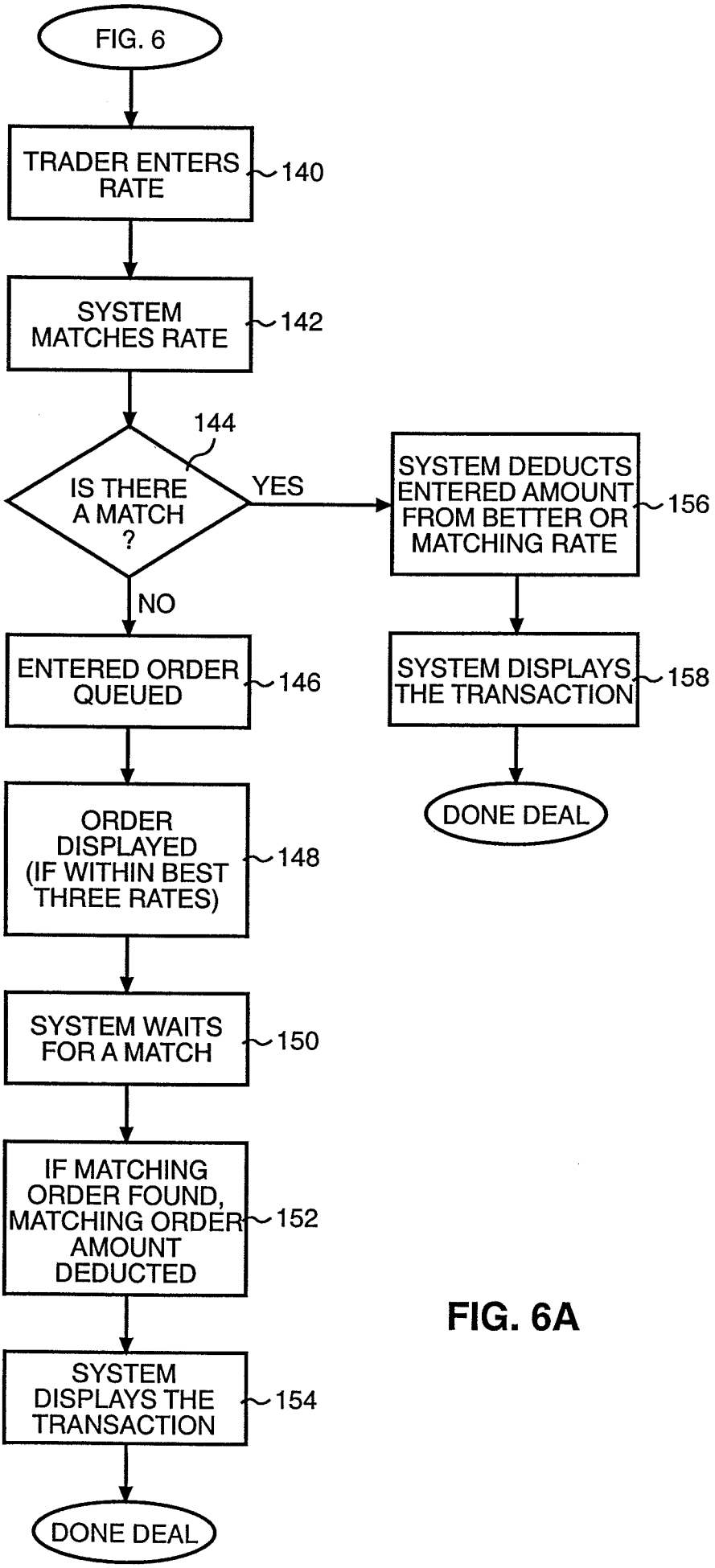
FIG. 6
TRADER ENTERS RATE
140
SYSTEM MATCHES RATE
142
144
IS THERE A MATCH ?
YES
SYSTEM DEDUCTS ENTERED AMOUNT FROM BETTER OR MATCHING RATE
156
NO
ENTERED ORDER QUEUED
146
SYSTEM DISPLAYS THE TRANSACTION
158
DONE DEAL
ORDER DISPLAYED (IF WITHIN BEST THREE RATES)
148
SYSTEM WAITS FOR A MATCH
150
IF MATCHING ORDER FOUND, MATCHING ORDER AMOUNT DEDUCTED
152
SYSTEM DISPLAYS THE TRANSACTION
154
DONE DEAL

FIG. 6A

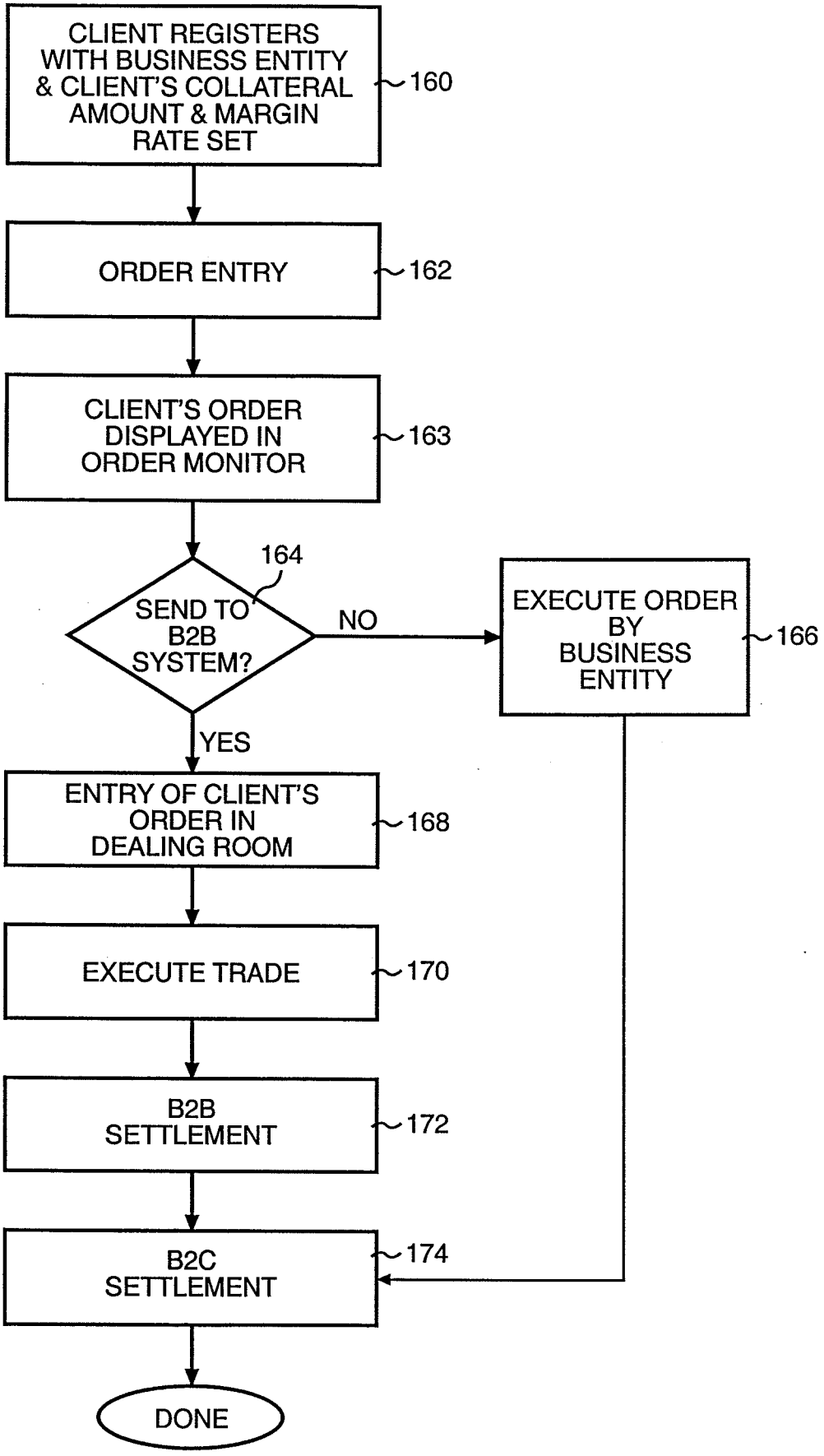
CLIENT REGISTERS WITH BUSINESS ENTITY & CLIENT'S COLLATERAL AMOUNT & MARGIN RATE SET
160
ORDER ENTRY
162
CLIENT'S ORDER DISPLAYED IN ORDER MONITOR
163
164
SEND TO B2B SYSTEM?
NO
EXECUTE ORDER BY BUSINESS ENTITY
166
YES
ENTRY OF CLIENT'S ORDER IN DEALING ROOM
168
EXECUTE TRADE
170
B2B SETTLEMENT
172
B2C SETTLEMENT
174
DONE

FIG. 7

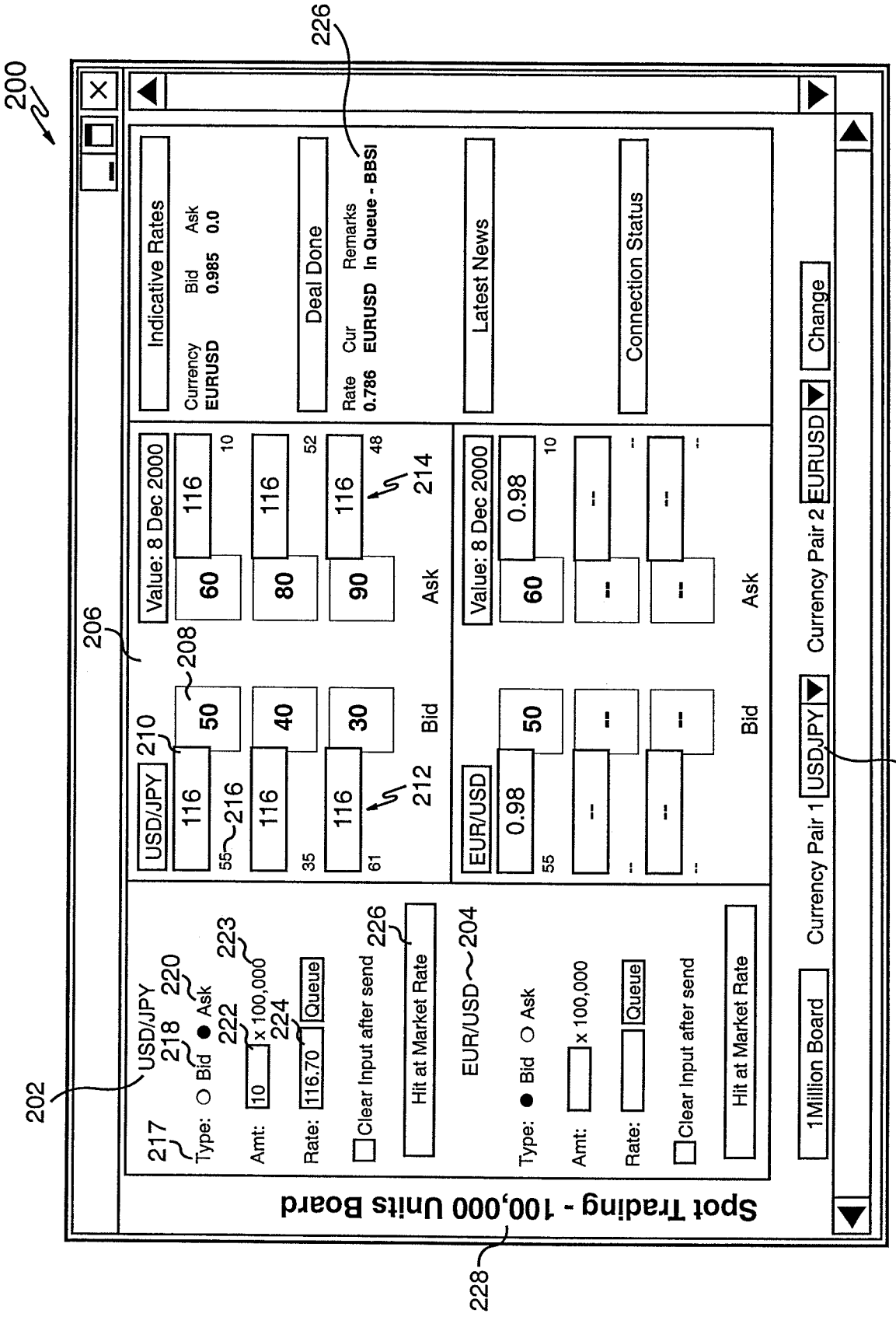
200
202
206
208
210
212
214
216
217
218
220
222
223
224
226
228
Spot Trading - 100,000 Units Board
USD/JPY
Type: ○ Bid ● Ask
Amt: 10 x 100,000
Rate: 116.70 Queue
Clear Input after send
Hit at Market Rate
EUR/USD
Type: ● Bid ○ Ask
Amt: x 100,000
Rate: Queue
Clear Input after send
Hit at Market Rate
Value: 8 Dec 2000
Bid
Ask
Indicative Rates
Currency Bid Ask
EURUSD 0.985 0.0
Deal Done
Rate Cur Remarks
0.786 EURUSD In Queue - BBSI
Latest News
Connection Status
1Million Board
Currency Pair 1 USDJPY
Currency Pair 2 EURUSD
Change

FIG. 8

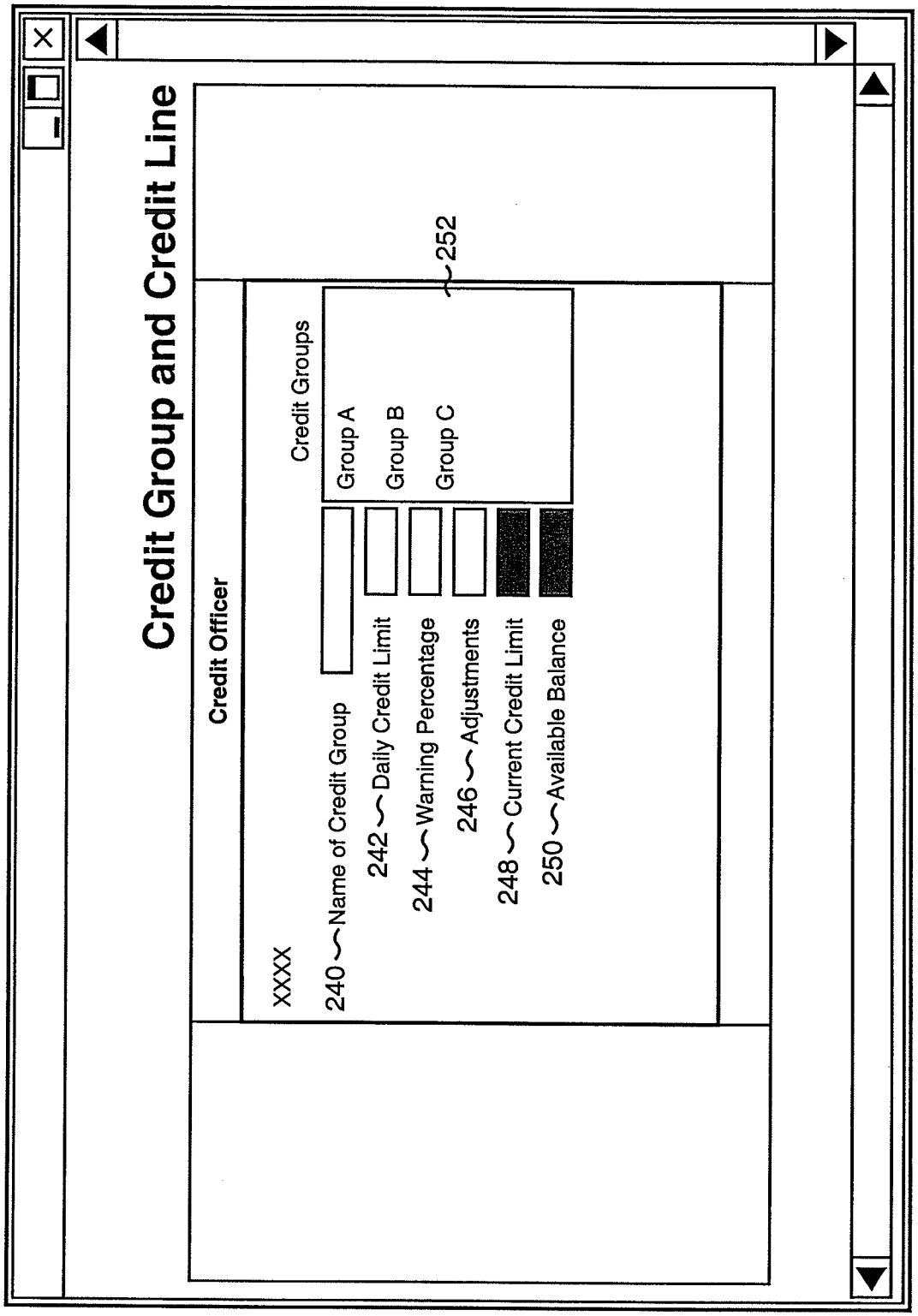
Credit Group and Credit Line
Credit Officer
XXXX
240 Name of Credit Group
242 Daily Credit Limit
244 Warning Percentage
246 Adjustments
248 Current Credit Limit
250 Available Balance
Credit Groups
Group A
Group B
Group C
252

FIG. 9

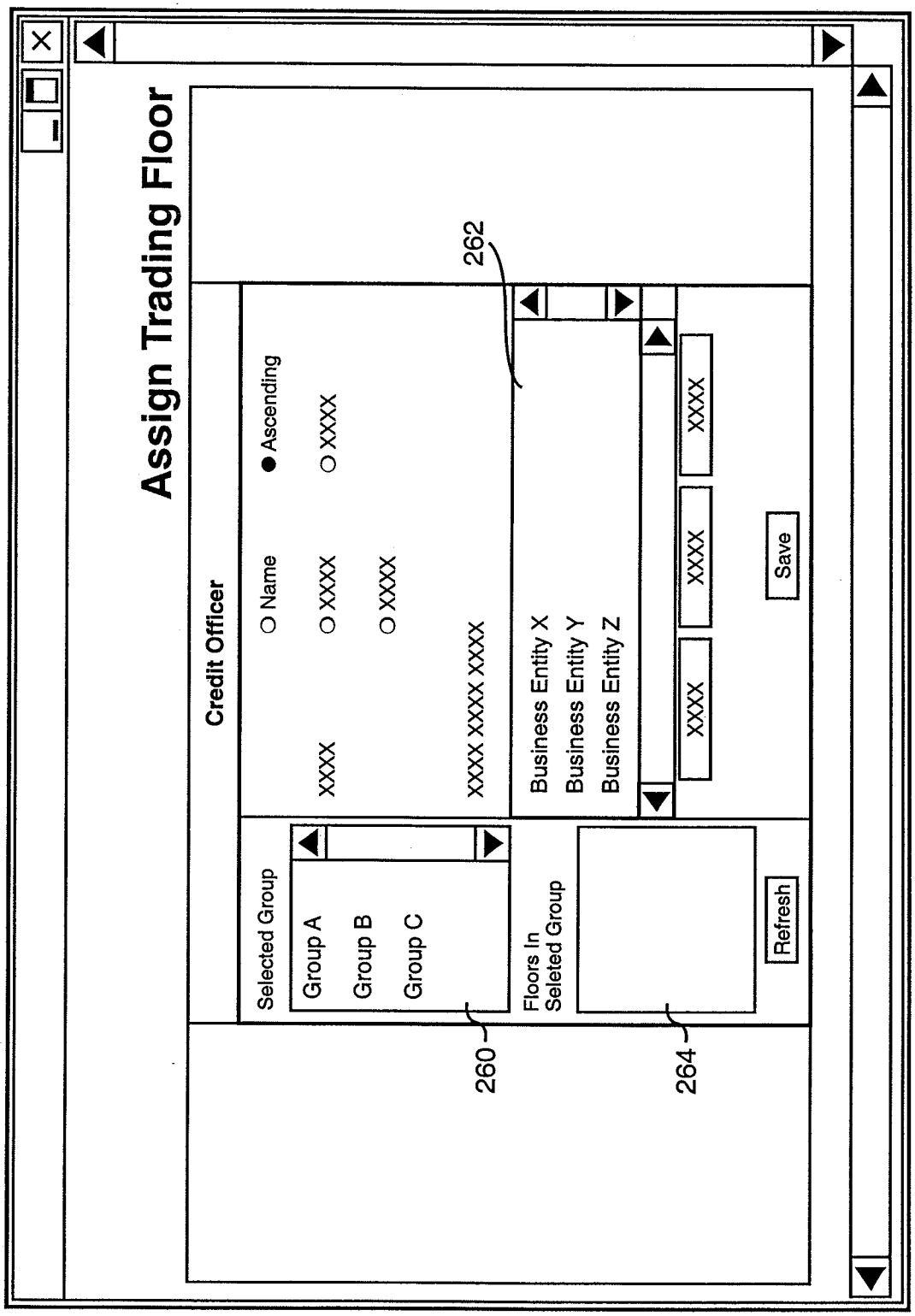
Assign Trading Floor
Credit Officer
Name
Ascending
XXXX
XXXX
XXXX
XXXX
XXXX
XXXX XXXX XXXX
262
Business Entity X
Business Entity Y
Business Entity Z
XXXX
XXXX
XXXX
Save
Selected Group
Group A
Group B
Group C
Floors In
Seleted Group
Refresh
260
264

FIG. 10

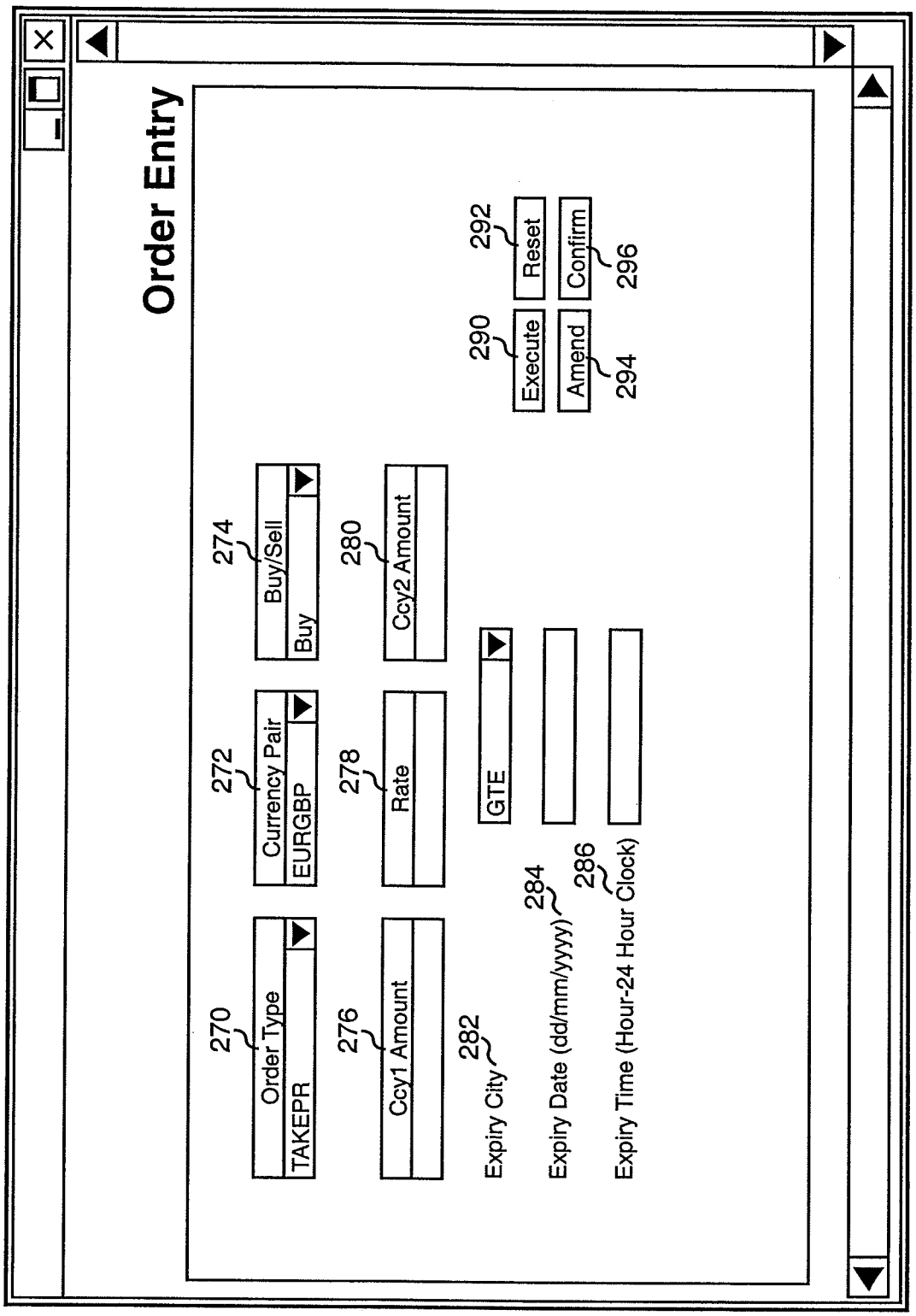
Order Entry
270
Order Type
TAKEPR
272
Currency Pair
EURGBP
274
Buy/Sell
Buy
276
Ccy1 Amount
278
Rate
280
Ccy2 Amount
282
Expiry City
GTE
284
Expiry Date (dd/mm/yyyy)
286
Expiry Time (Hour-24 Hour Clock)
290
Execute
292
Reset
294
Amend
296
Confirm

FIG. 11

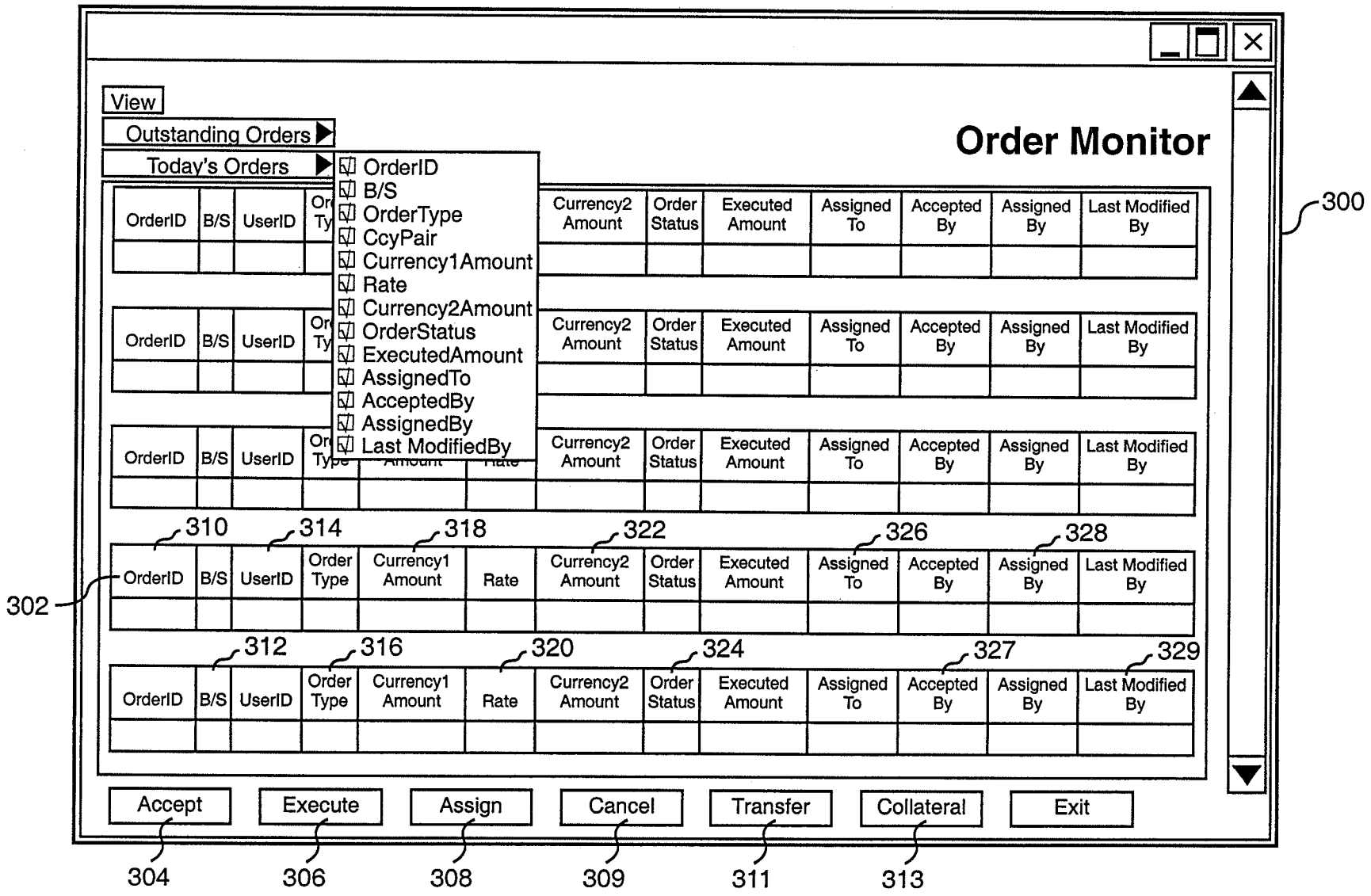

FIG. 12

25 AUG 2005

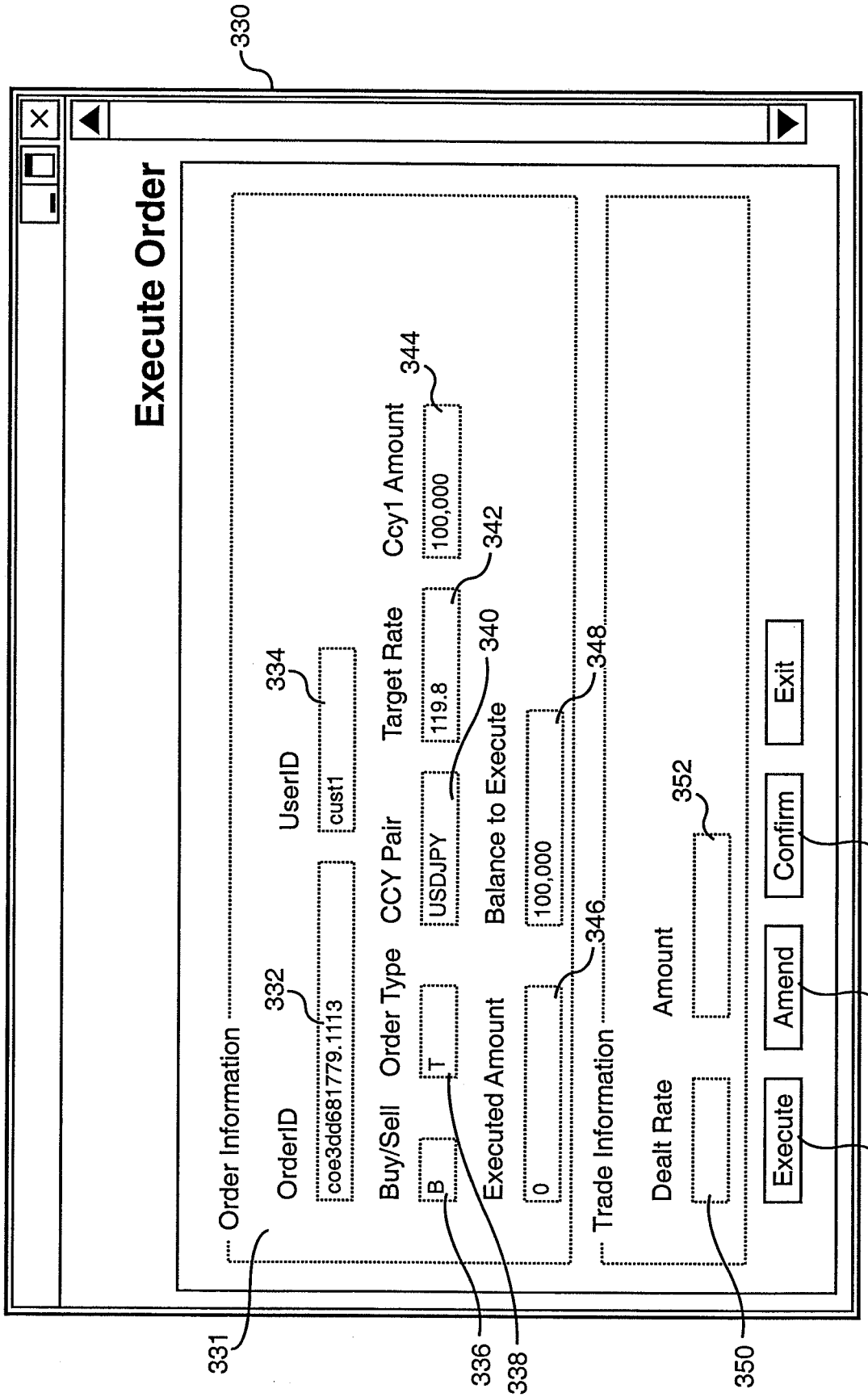
330
Execute Order
Order Information
OrderID
332
coe3dd681779.1113
UserID
334
cust1
Buy/Sell
B
Order Type
T
CCY Pair
USDJPY
340
Target Rate
119.8
342
Ccy1 Amount
344
100,000
Executed Amount
0
346
Balance to Execute
100,000
348
Trade Information
Dealt Rate
Amount
352
Execute
354
Amend
356
Confirm
358
Exit
331
336
338
350

FIG. 13

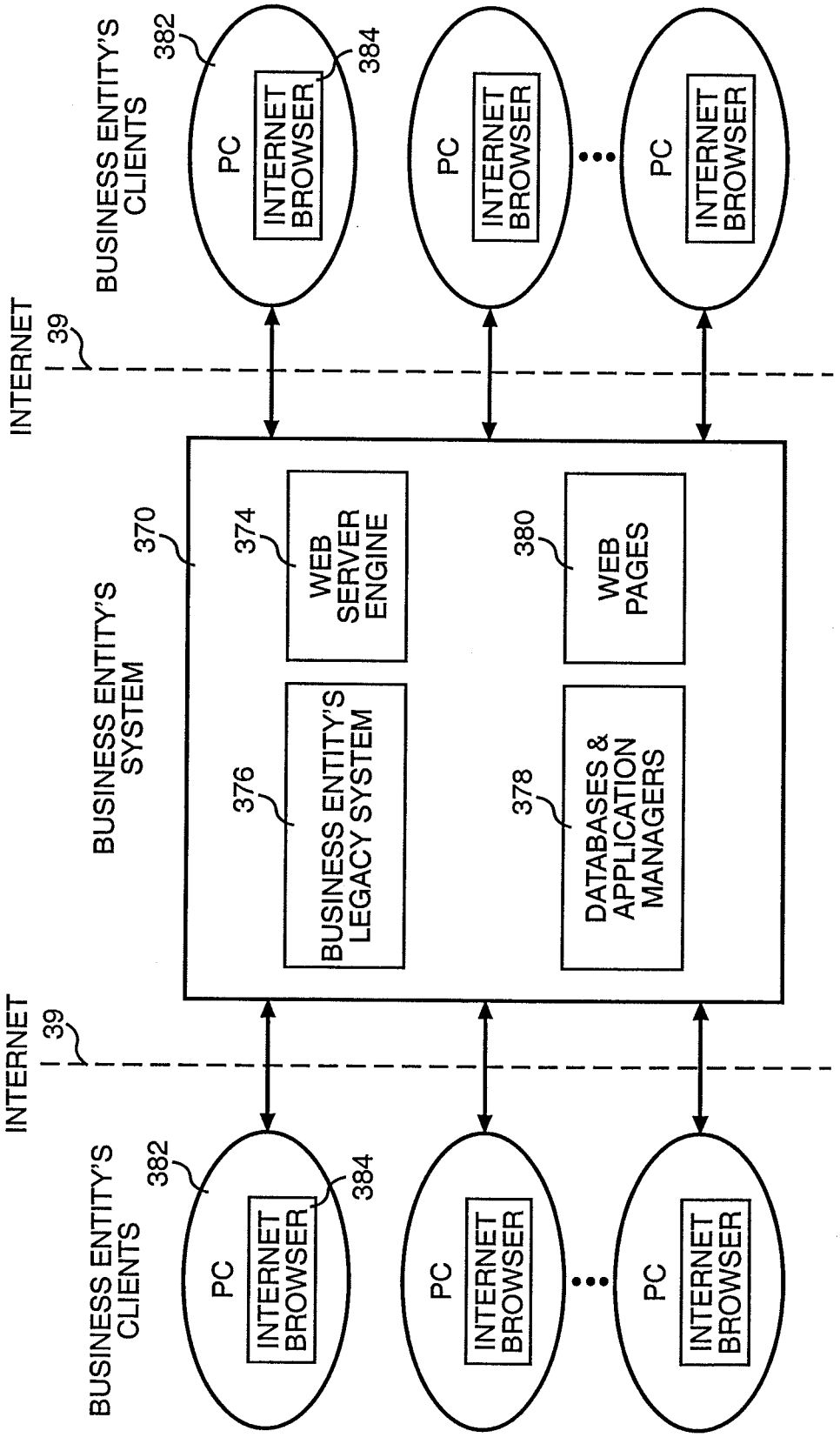
BUSINESS ENTITY'S CLIENTS
382
PC
INTERNET BROWSER
384
INTERNET
39
BUSINESS ENTITY'S SYSTEM
370
374
WEB SERVER ENGINE
380
WEB PAGES
376
BUSINESS ENTITY'S LEGACY SYSTEM
378
DATABASES & APPLICATION MANAGERS

FIG. 14

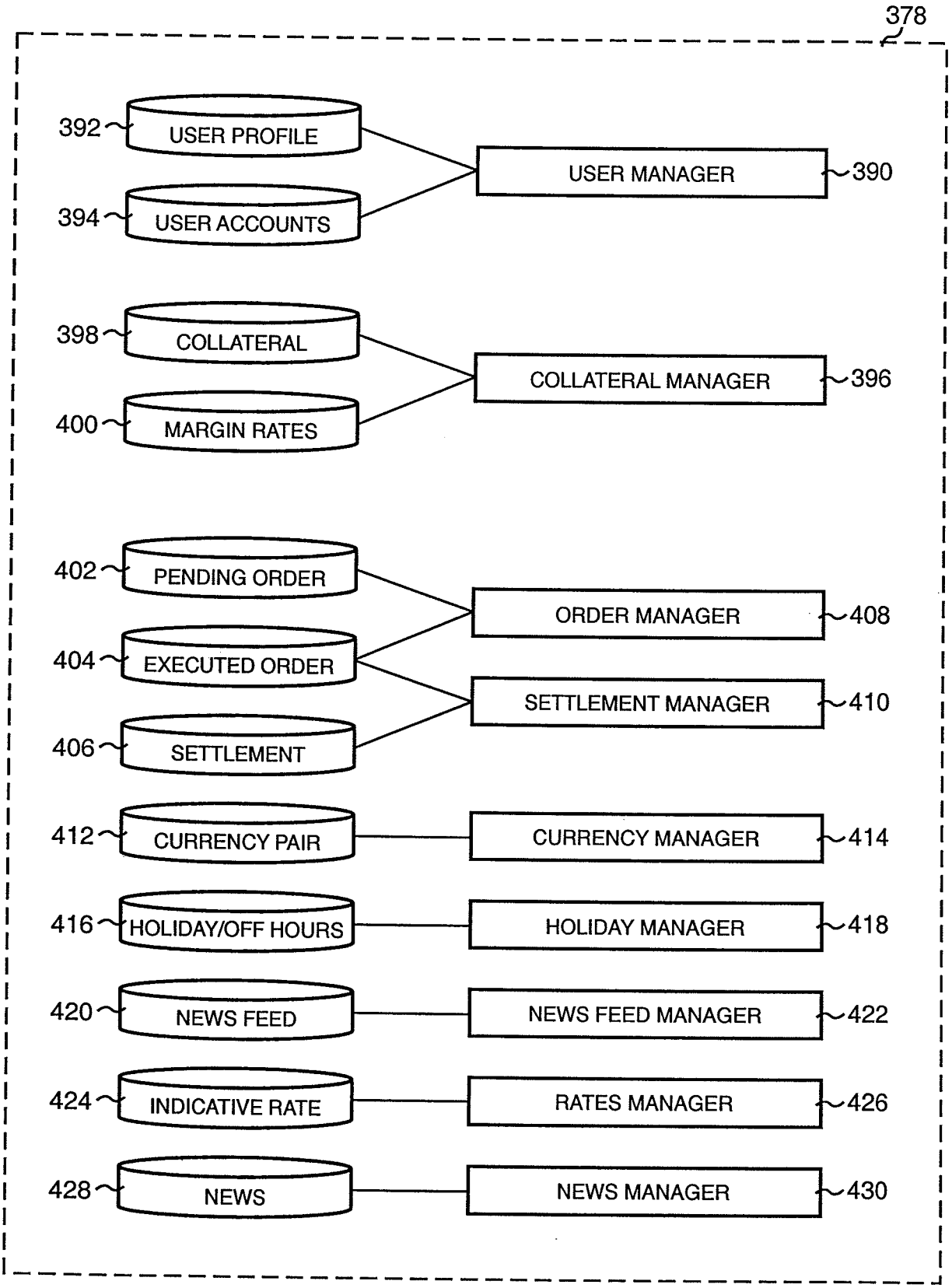
378
392
USER PROFILE
394
USER ACCOUNTS
USER MANAGER
390
398
COLLATERAL
400
MARGIN RATES
COLLATERAL MANAGER
396
402
PENDING ORDER
404
EXECUTED ORDER
406
SETTLEMENT
ORDER MANAGER
408
SETTLEMENT MANAGER
410
412
CURRENCY PAIR
CURRENCY MANAGER
414
416
HOLIDAY/OFF HOURS
HOLIDAY MANAGER
418
420
NEWS FEED
NEWS FEED MANAGER
422
424
INDICATIVE RATE
RATES MANAGER
426
428
NEWS
NEWS MANAGER
430

FIG. 15

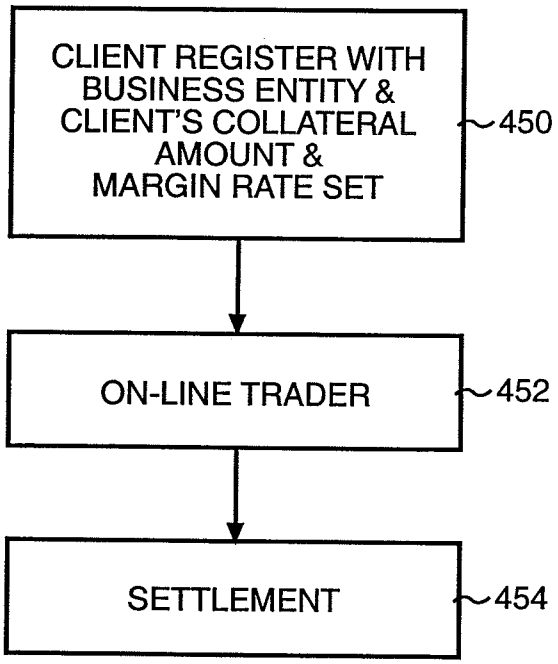
CLIENT REGISTER WITH BUSINESS ENTITY & CLIENT'S COLLATERAL AMOUNT & MARGIN RATE SET
450
ON-LINE TRADER
452
SETTLEMENT
454

FIG. 16

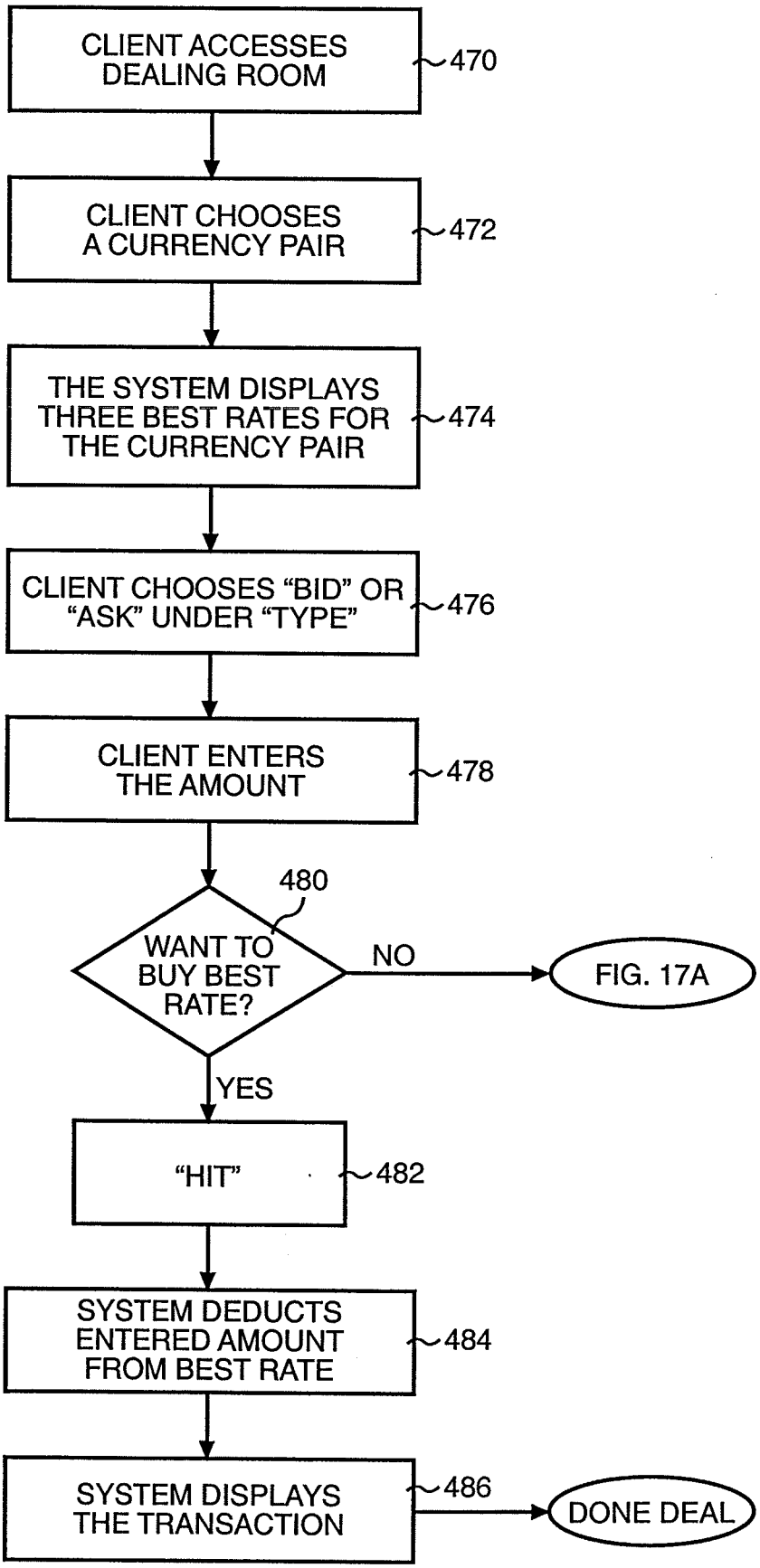
CLIENT ACCESSES DEALING ROOM
470
CLIENT CHOOSES A CURRENCY PAIR
472
THE SYSTEM DISPLAYS THREE BEST RATES FOR THE CURRENCY PAIR
474
CLIENT CHOOSES "BID" OR "ASK" UNDER "TYPE"
476
CLIENT ENTERS THE AMOUNT
478
480
WANT TO BUY BEST RATE?
NO
FIG. 17A
YES
"HIT"
482
SYSTEM DEDUCTS ENTERED AMOUNT FROM BEST RATE
484
SYSTEM DISPLAYS THE TRANSACTION
486
DONE DEAL

FIG. 17

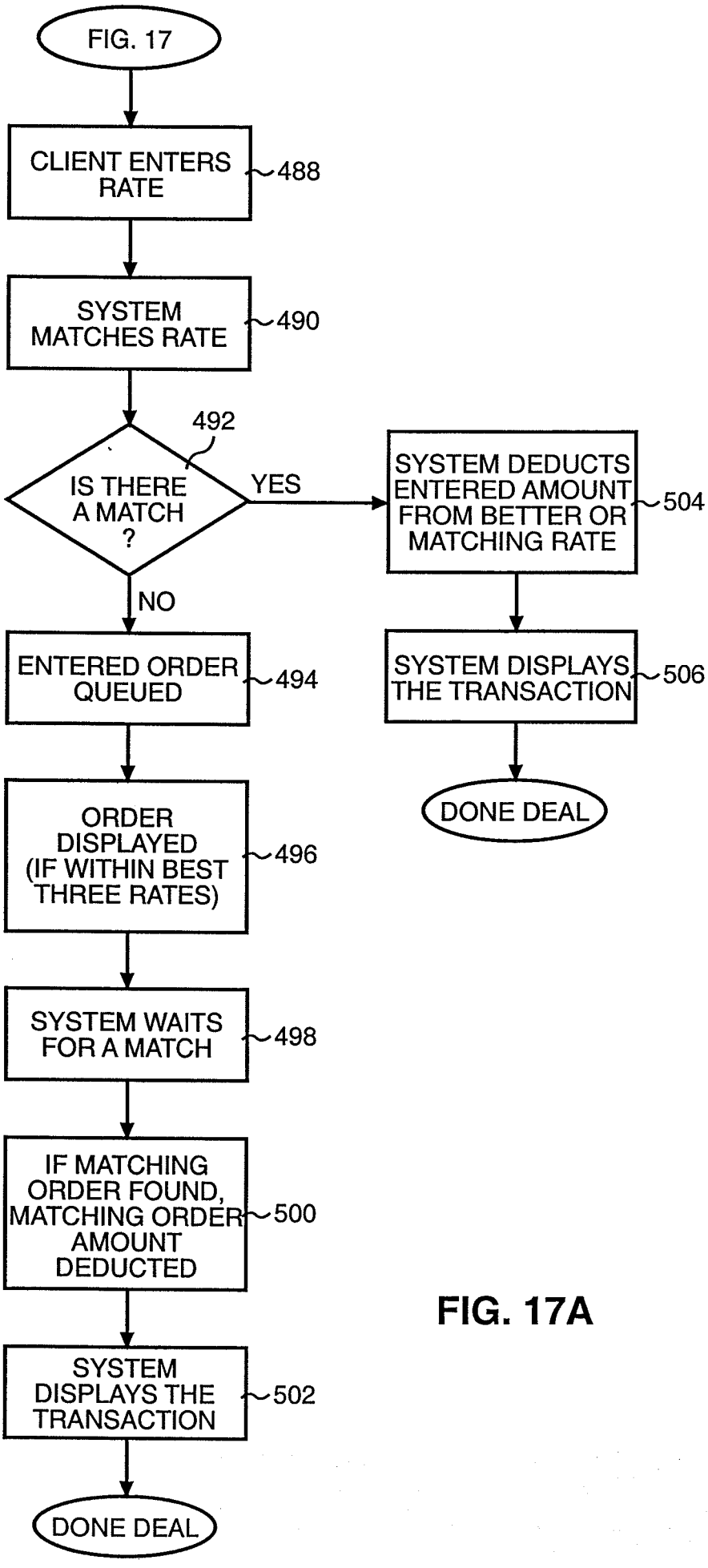
FIG. 17
CLIENT ENTERS RATE
488
SYSTEM MATCHES RATE
490
492
IS THERE A MATCH ?
YES
SYSTEM DEDUCTS ENTERED AMOUNT FROM BETTER OR MATCHING RATE
504
NO
ENTERED ORDER QUEUED
494
SYSTEM DISPLAYS THE TRANSACTION
506
DONE DEAL
ORDER DISPLAYED (IF WITHIN BEST THREE RATES)
496
SYSTEM WAITS FOR A MATCH
498
IF MATCHING ORDER FOUND, MATCHING ORDER AMOUNT DEDUCTED
500
SYSTEM DISPLAYS THE TRANSACTION
502
DONE DEAL

FIG. 17A

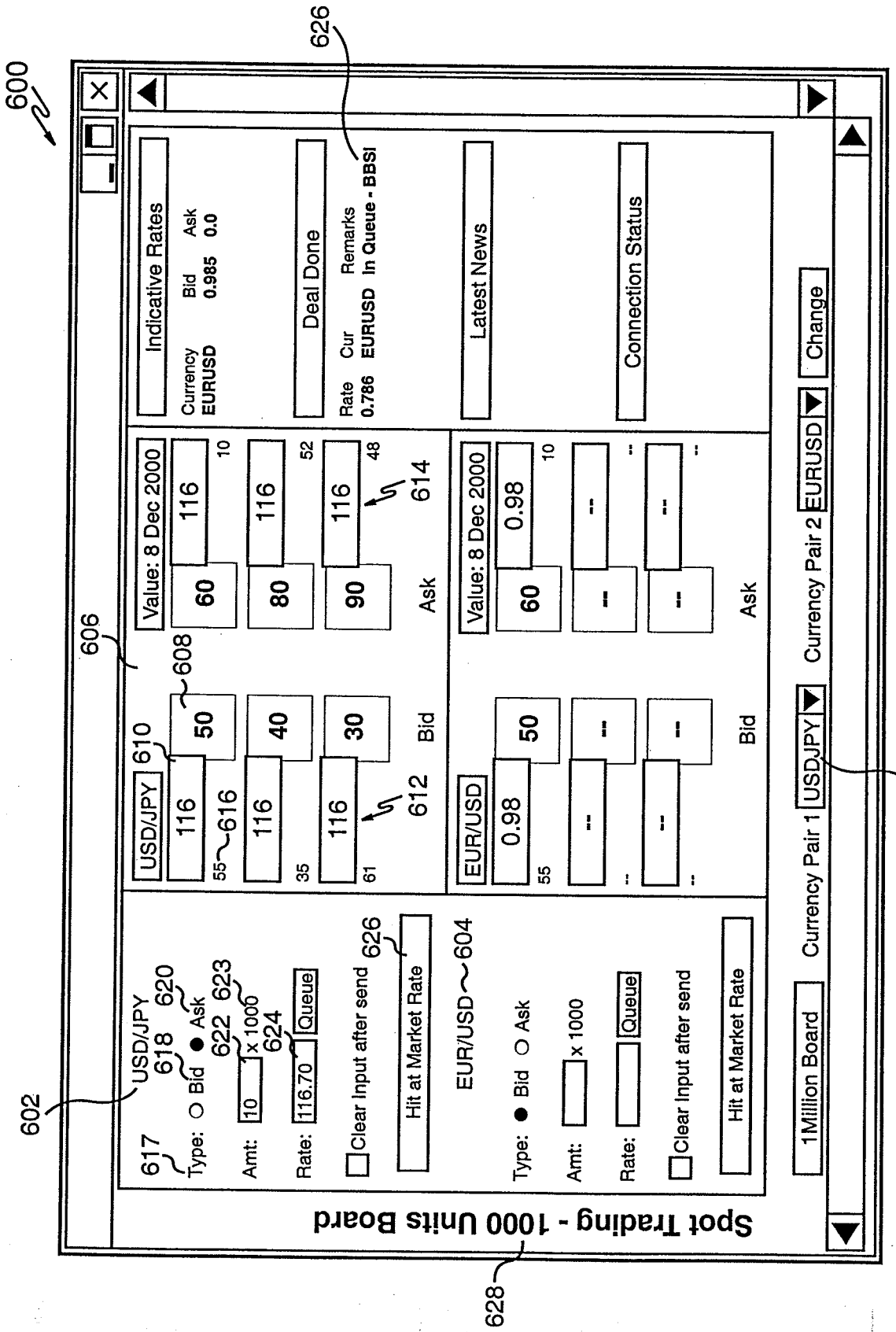
600
602
606
608
610
612
614
616
617
618
620
622
623
624
626
628
Spot Trading - 1000 Units Board
USD/JPY
Type: Bid Ask
Amt: 10 x 1000
Rate: 116.70 Queue
Clear Input after send
Hit at Market Rate
EUR/USD
Type: Bid Ask
Amt: x 1000
Rate: Queue
Clear Input after send
Hit at Market Rate
USD/JPY
116
50
116
40
116
30
Bid
Ask
Value: 8 Dec 2000
60
116
80
116
90
116
Ask
EUR/USD
0.98
50
Bid
Ask
Value: 8 Dec 2000
60
0.98
Indicative Rates
Currency EURUSD
Bid 0.985
Ask 0.0
Deal Done
Rate 0.786
Cur EURUSD
Remarks In Queue - BBSI
Latest News
Connection Status
1Million Board
Currency Pair 1 USDJPY
Currency Pair 2 EURUSD
Change

FIG. 18