FIG.1

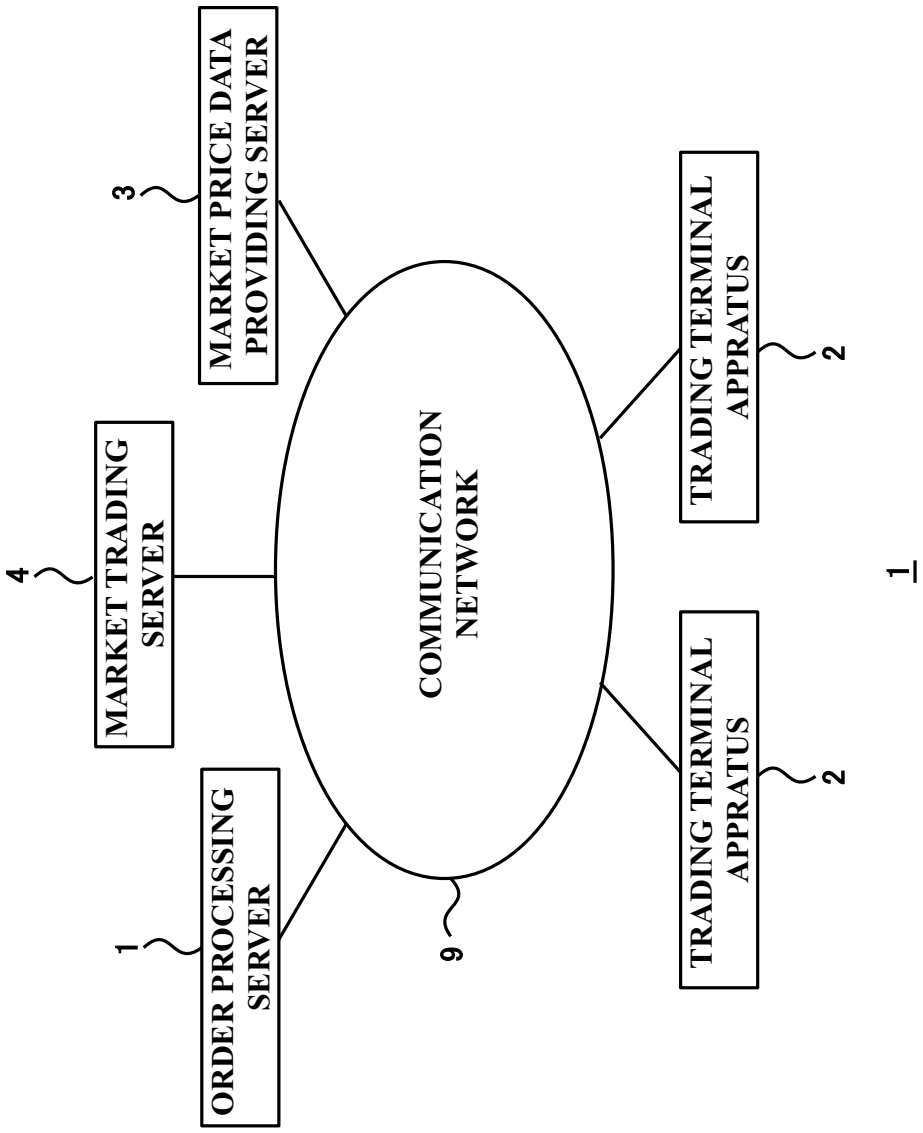

ORDER PROCESSING SERVER
1
MARKET TRADING SERVER
4
MARKET PRICE DATA PROVIDING SERVER
3
COMMUNICATION NETWORK
9
TRADING TERMINAL APPRATUS
2
TRADING TERMINAL APPRATUS
2
1

FIG.2

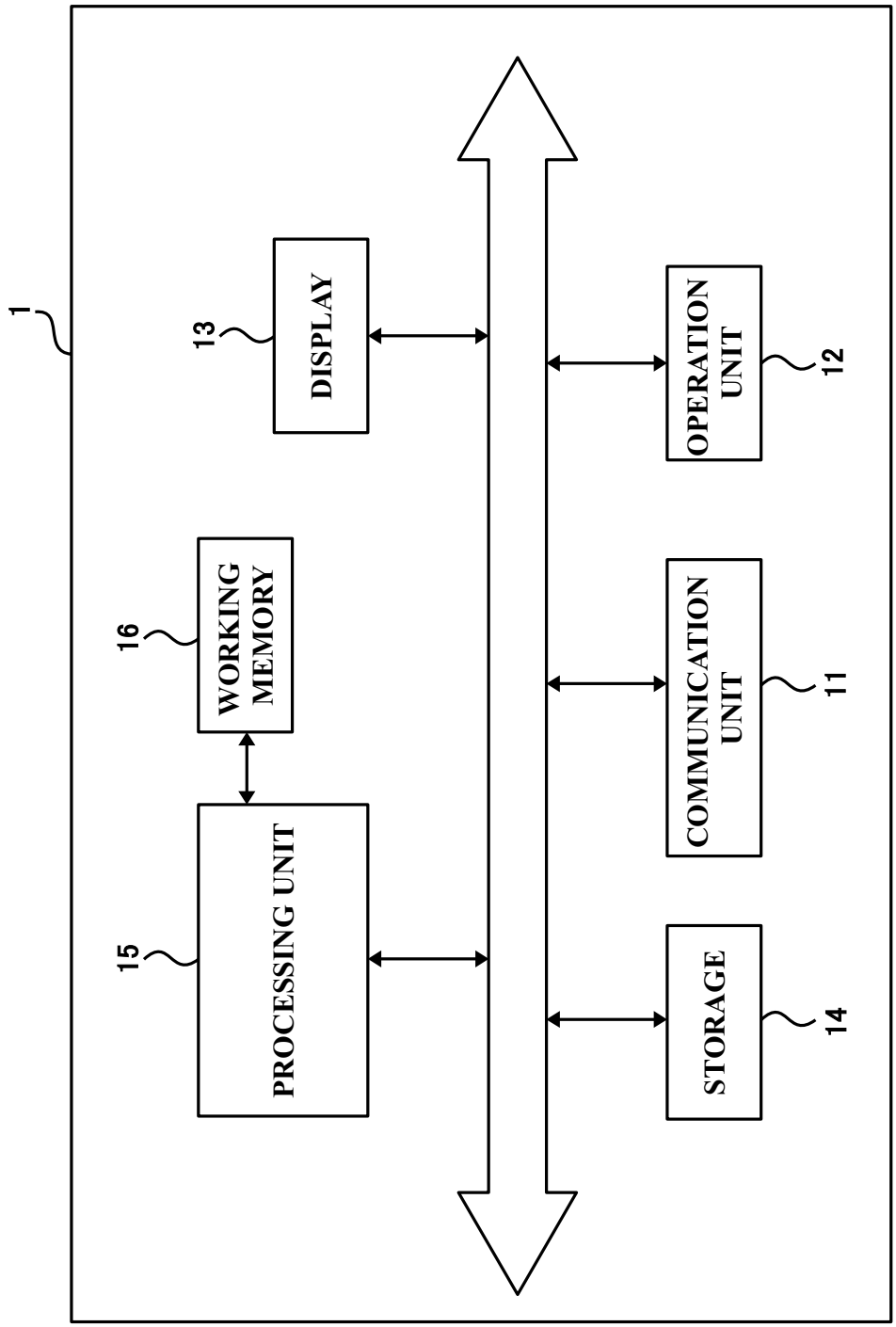

1
13
DISPLAY
OPERATION UNIT
12
16
WORKING MEMORY
COMMUNICATION UNIT
11
15
PROCESSING UNIT
STORAGE
14

FIG.3

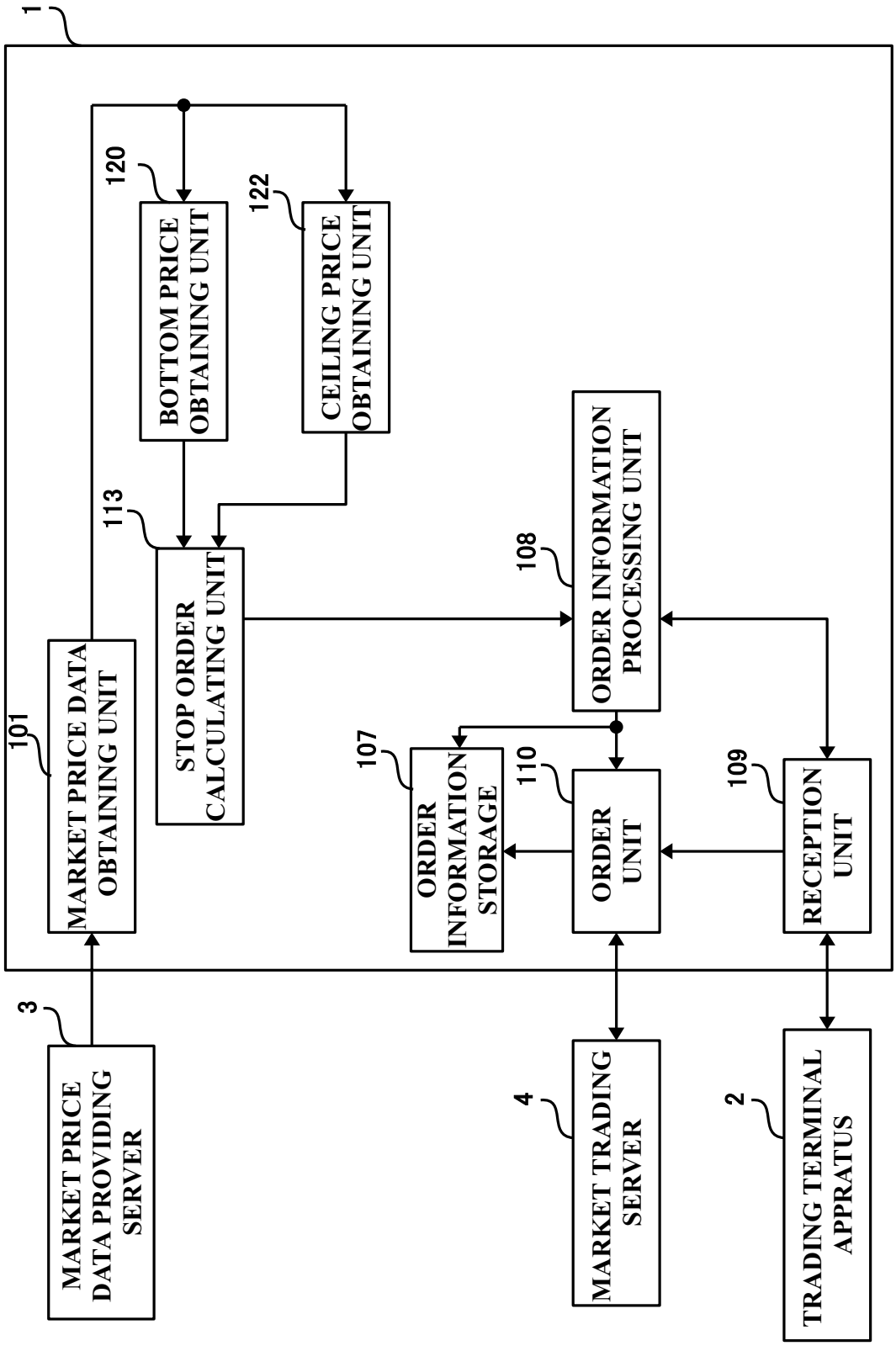

1
120
BOTTOM PRICE OBTAINING UNIT
122
CEILING PRICE OBTAINING UNIT
113
STOP ORDER CALCULATING UNIT
108
ORDER INFORMATION PROCESSING UNIT
101
MARKET PRICE DATA OBTAINING UNIT
107
ORDER INFORMATION STORAGE
110
ORDER UNIT
109
RECEPTION UNIT
3
MARKET PRICE DATA PROVIDING SERVER
4
MARKET TRADING SERVER
2
TRADING TERMINAL APPRATUS

FIG.4

TIME	OPEN PRICE	LOW PRICE	HIGH PRICE	CLOSING PRICE
2010.01.15 10:00	91.034	91.033	91.046	91.042
2010.01.15 10:15	91.043	91.037	91.045	91.038
2010.01.15 10:30	91.037	91.032	91.042	91.041
[illegible]	[illegible]	91.030	91.041	91.035

FIG.5

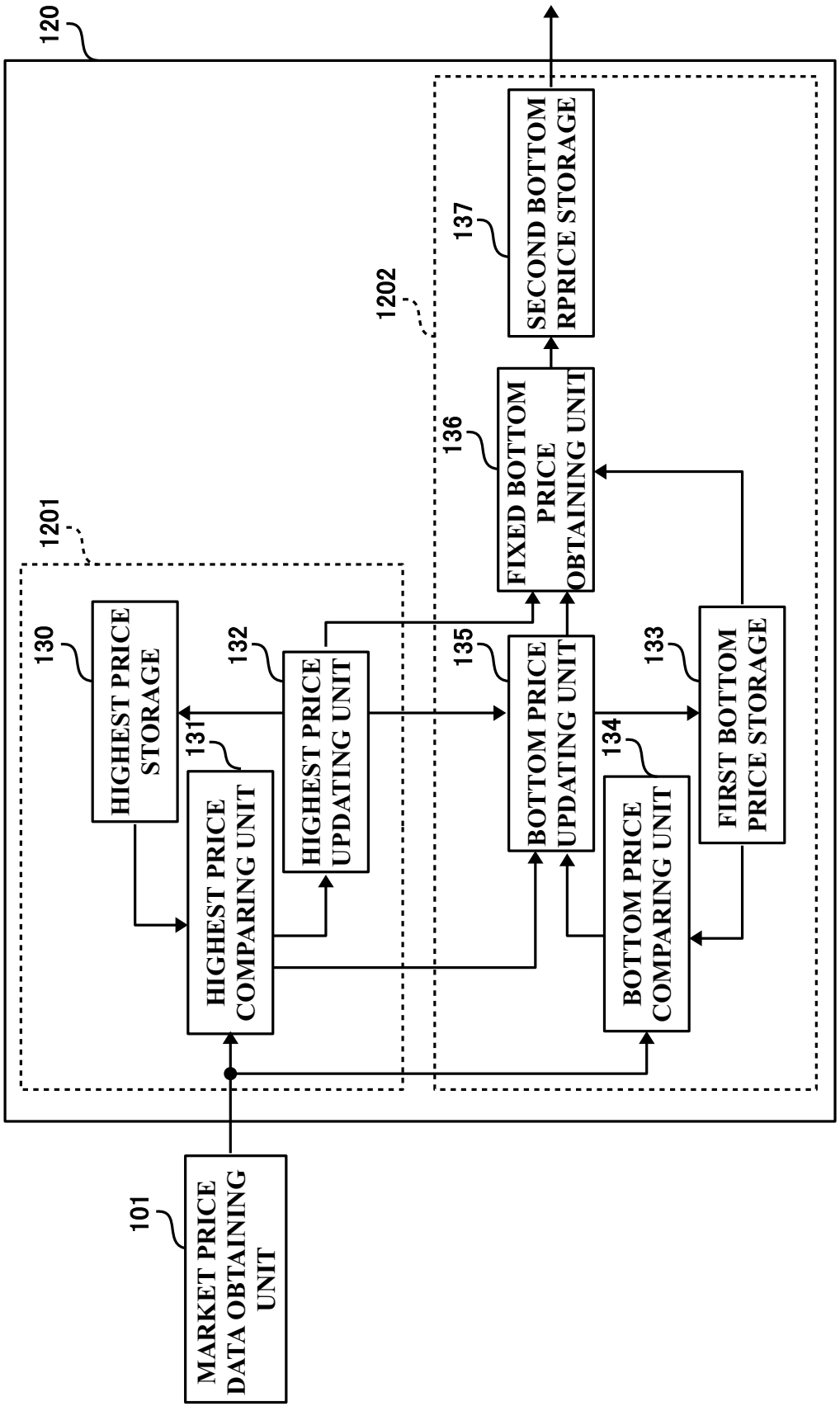

120
1201
1202
101
MARKET PRICE DATA OBTAINING UNIT
130
HIGHEST PRICE STORAGE
131
HIGHEST PRICE COMPARING UNIT
132
HIGHEST PRICE UPDATING UNIT
133
FIRST BOTTOM PRICE STORAGE
134
BOTTOM PRICE COMPARING UNIT
135
BOTTOM PRICE UPDATING UNIT
136
FIXED BOTTOM PRICE OBTAINING UNIT
137
SECOND BOTTOM RPRICE STORAGE

FIG.6

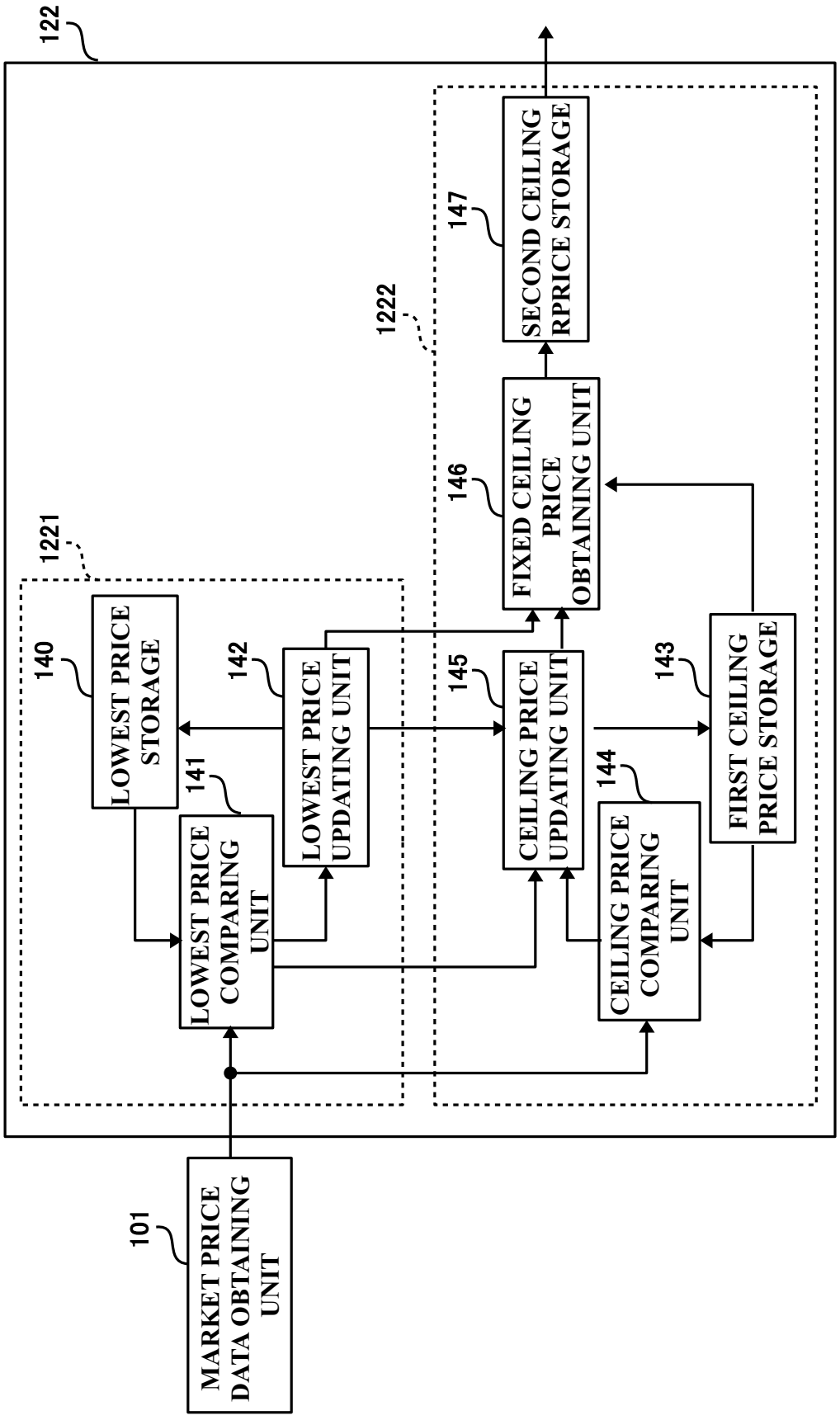

122
1221
1222
101
MARKET PRICE DATA OBTAINING UNIT
140
LOWEST PRICE STORAGE
141
LOWEST PRICE COMPARING UNIT
142
LOWEST PRICE UPDATING UNIT
143
FIRST CEILING PRICE STORAGE
144
CEILING PRICE COMPARING UNIT
145
CEILING PRICE UPDATING UNIT
146
FIXED CEILING PRICE OBTAINING UNIT
147
SECOND CEILING RPRICE STORAGE

FIG.7

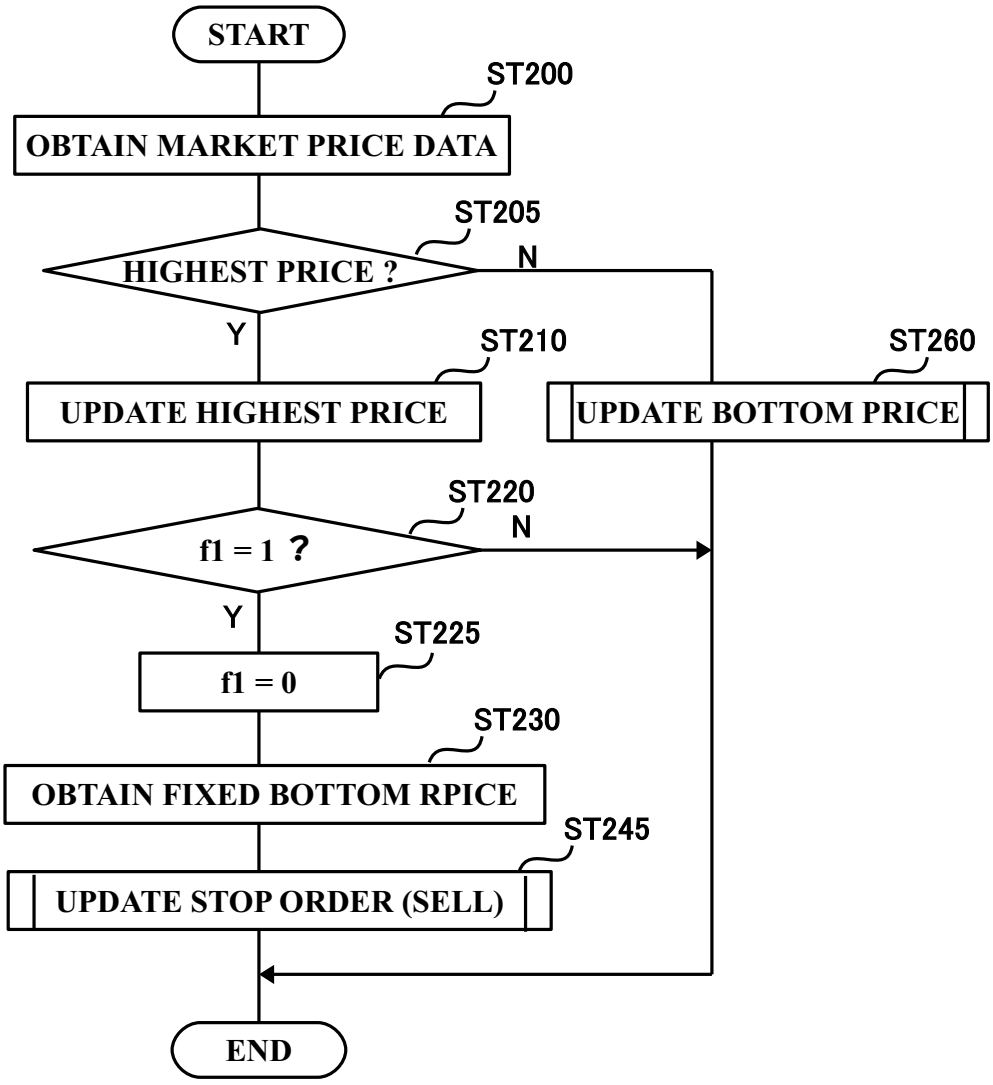

START
ST200
OBTAIN MARKET PRICE DATA
ST205
HIGHEST PRICE ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST260
UPDATE BOTTOM PRICE
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
ST230
OBTAIN FIXED BOTTOM RPICE
ST245
UPDATE STOP ORDER (SELL)
END

FIG.8

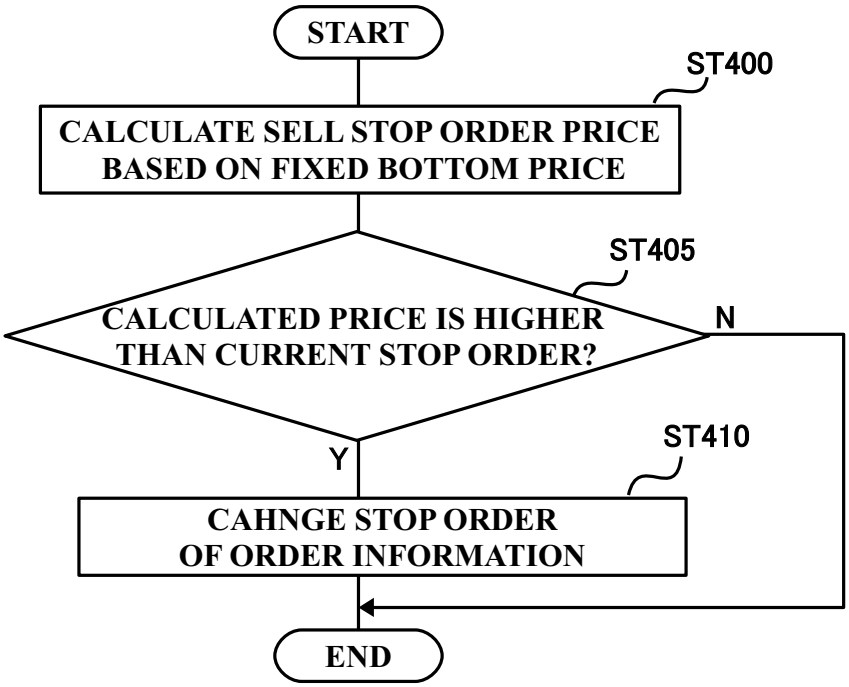

START
ST400
CALCULATE SELL STOP ORDER PRICE BASED ON FIXED BOTTOM PRICE
ST405
CALCULATED PRICE IS HIGHER THAN CURRENT STOP ORDER?
N
Y
ST410
CAHNGE STOP ORDER OF ORDER INFORMATION
END

FIG.9

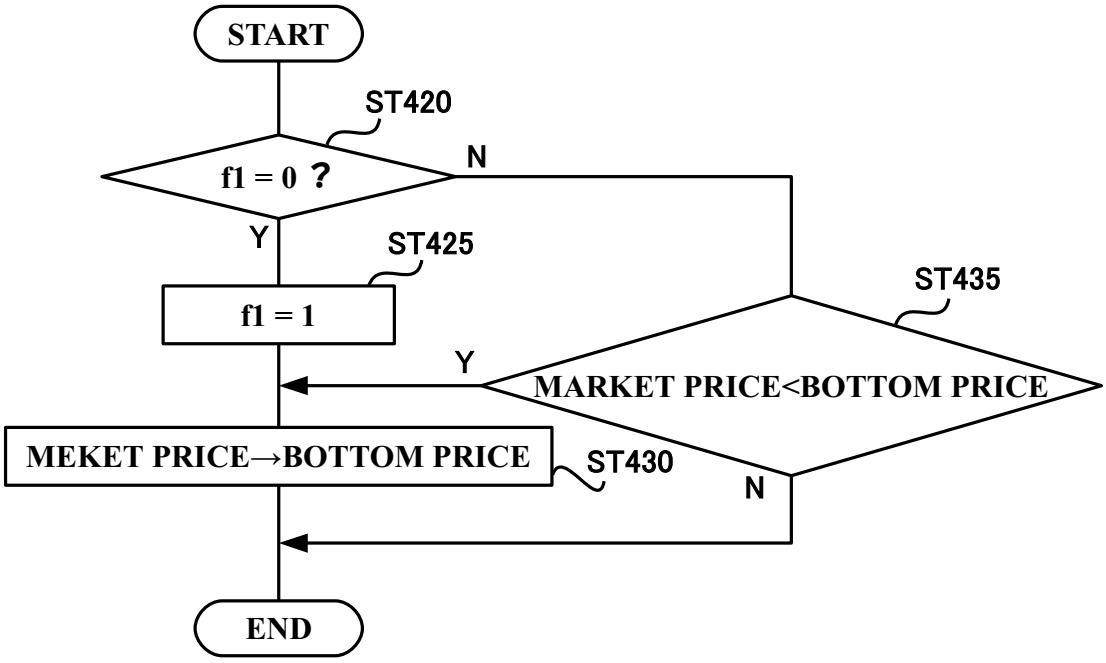

START
ST420
f1 = 0 ?
N
Y
ST425
f1 = 1
ST435
Y
MARKET PRICE<BOTTOM PRICE
MEKET PRICE→BOTTOM PRICE
ST430
N
END

FIG.10

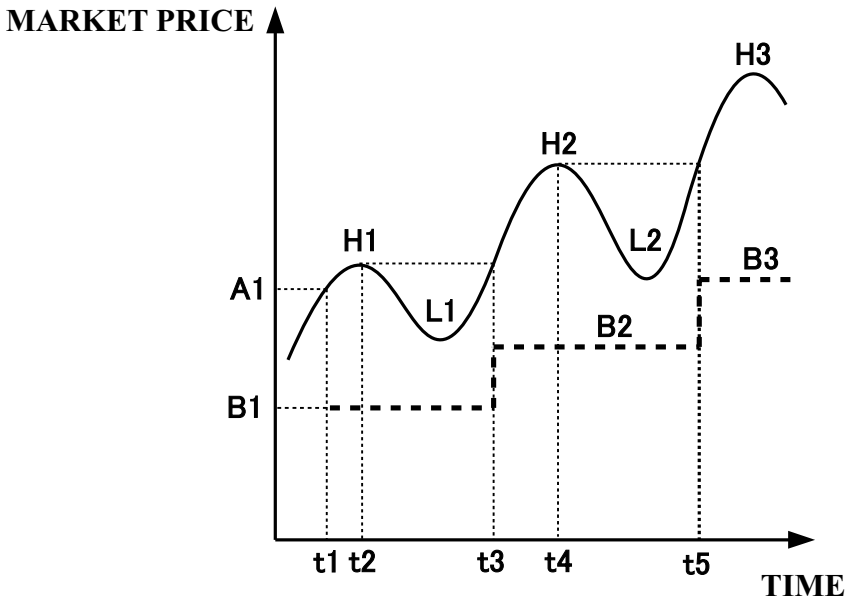


FIG.11

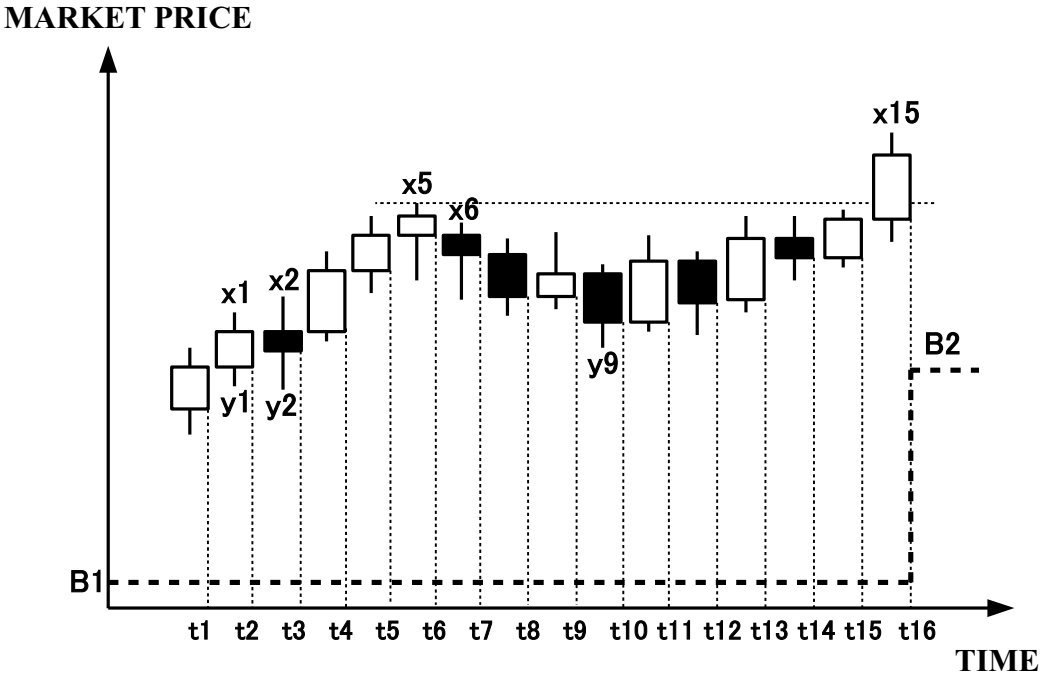

MARKET PRICE
x15
x5
x6
x1
x2
B2
y1
y2
y9
B1
t1 t2 t3 t4 t5 t6 t7 t8 t9 t10 t11 t12 t13 t14 t15 t16
TIME

FIG.12

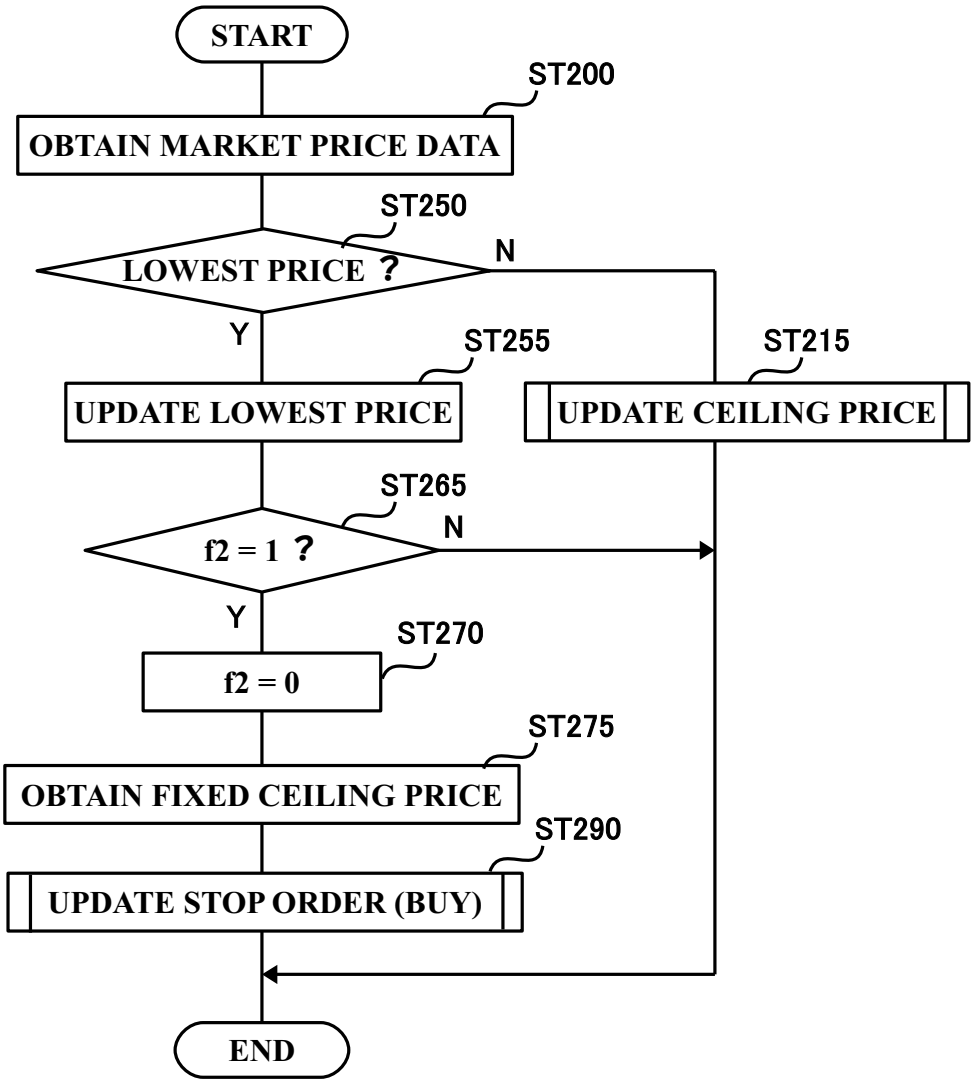

START
ST200
OBTAIN MARKET PRICE DATA
ST250
LOWEST PRICE ?
N
Y
ST255
UPDATE LOWEST PRICE
ST215
UPDATE CEILING PRICE
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
ST275
OBTAIN FIXED CEILING PRICE
ST290
UPDATE STOP ORDER (BUY)
END

FIG.13

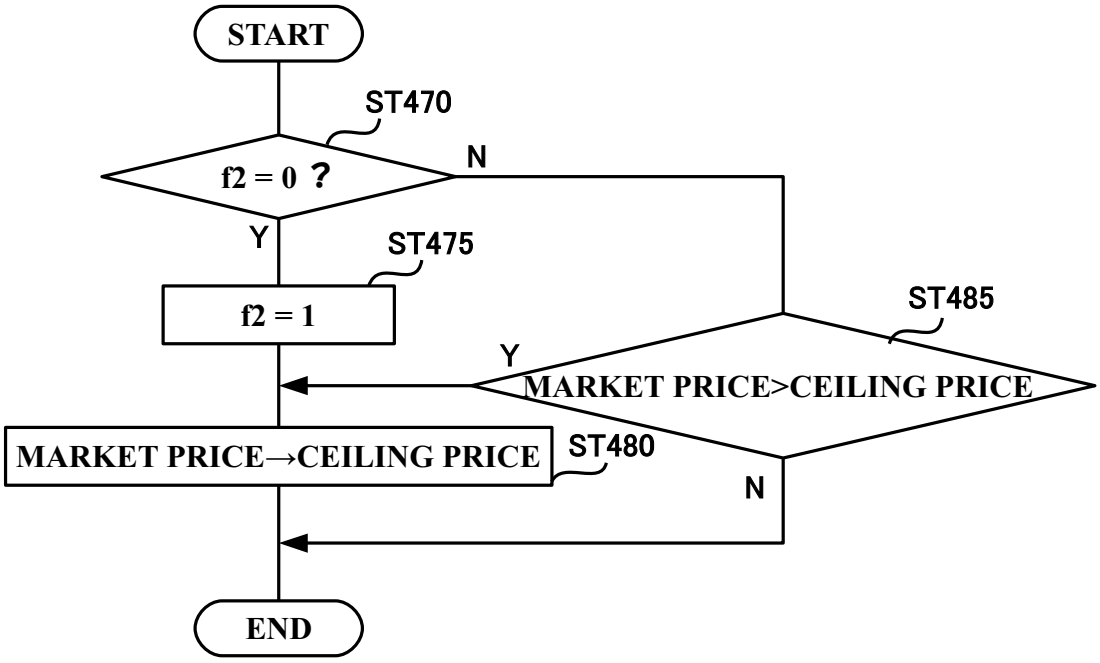

START
ST470
f2 = 0 ?
N
Y
ST475
f2 = 1
ST485
Y
MARKET PRICE>CEILING PRICE
MARKET PRICE→CEILING PRICE
ST480
N
END

FIG.14

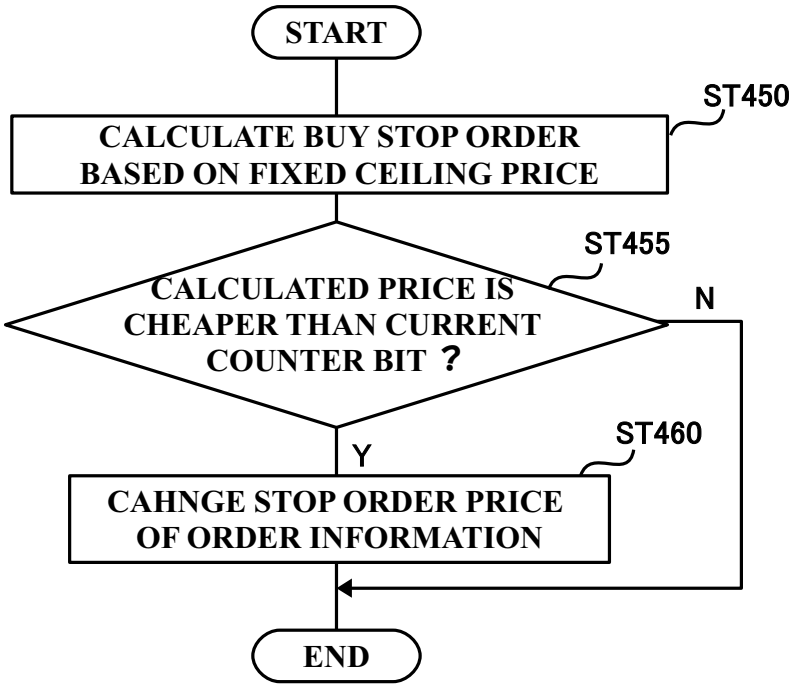

START
ST450
CALCULATE BUY STOP ORDER BASED ON FIXED CEILING PRICE
ST455
CALCULATED PRICE IS CHEAPER THAN CURRENT COUNTER BIT ?
N
Y
ST460
CAHNGE STOP ORDER PRICE OF ORDER INFORMATION
END

FIG.15

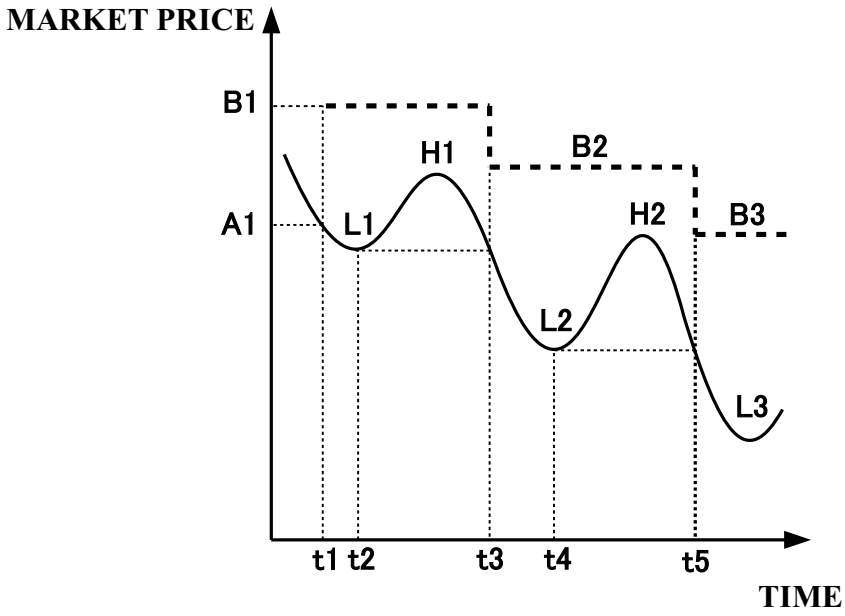


FIG.16

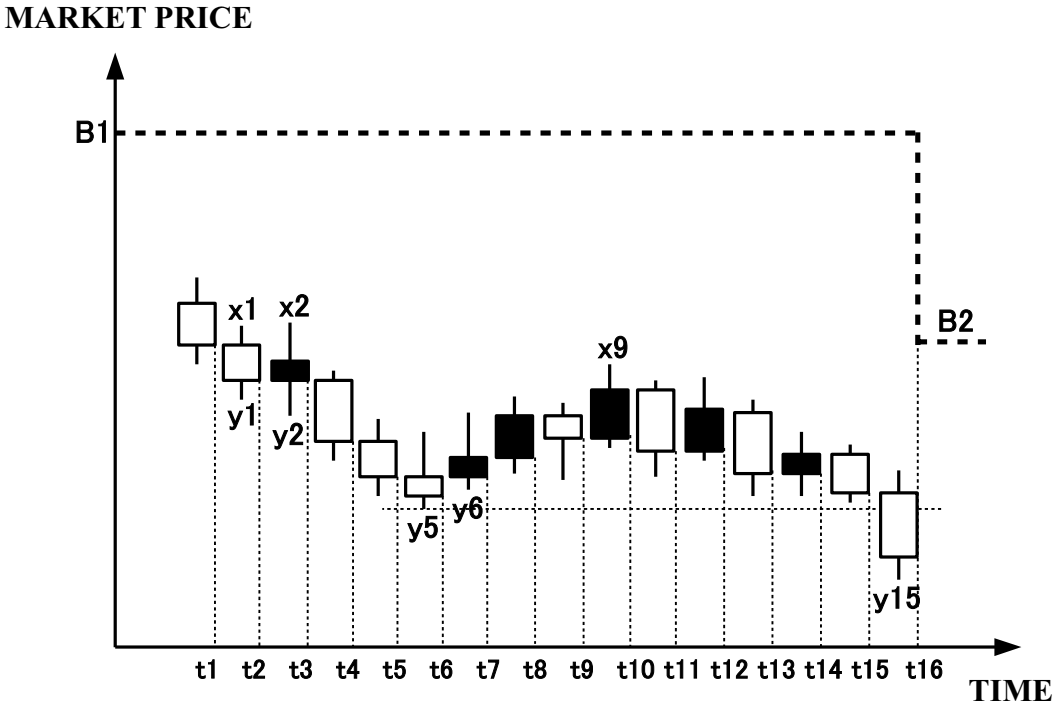

MARKET PRICE
B1
B2
x1
x2
x9
y1
y2
y5
y6
y15
t1
t2
t3
t4
t5
t6
t7
t8
t9
t10
t11
t12
t13
t14
t15
t16
TIME

FIG.17

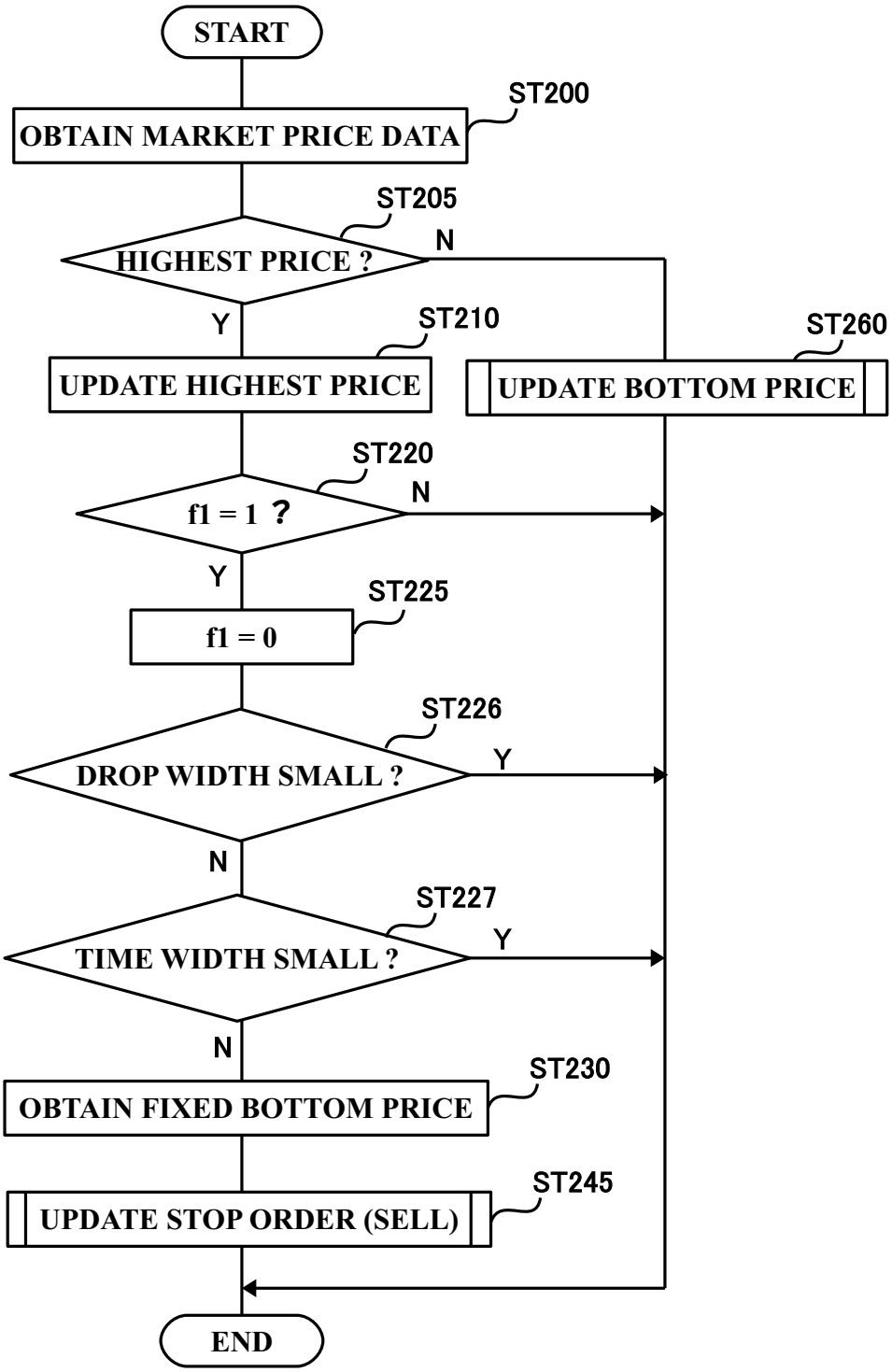

START
ST200
OBTAIN MARKET PRICE DATA
ST205
HIGHEST PRICE ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST260
UPDATE BOTTOM PRICE
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
ST226
DROP WIDTH SMALL ?
Y
N
ST227
TIME WIDTH SMALL ?
Y
N
ST230
OBTAIN FIXED BOTTOM PRICE
ST245
UPDATE STOP ORDER (SELL)
END

FIG.18

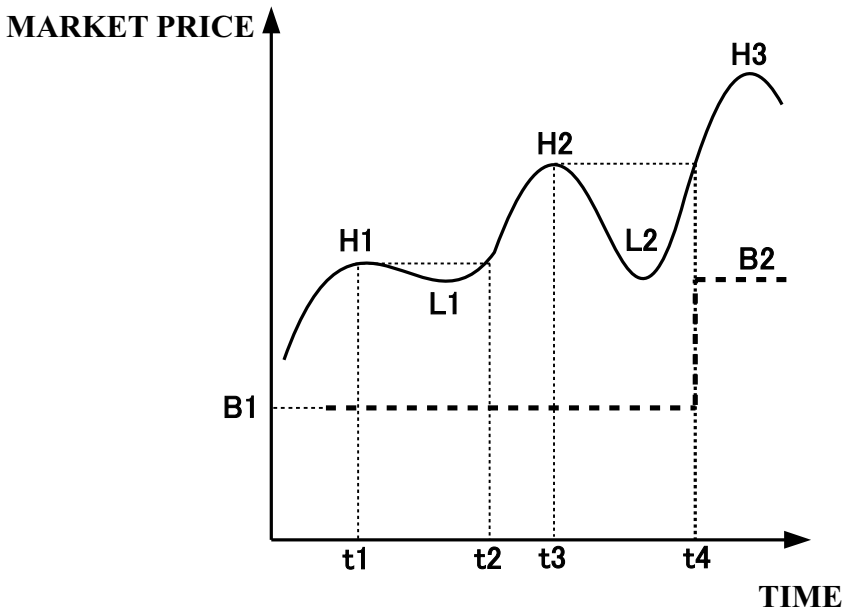


FIG.19

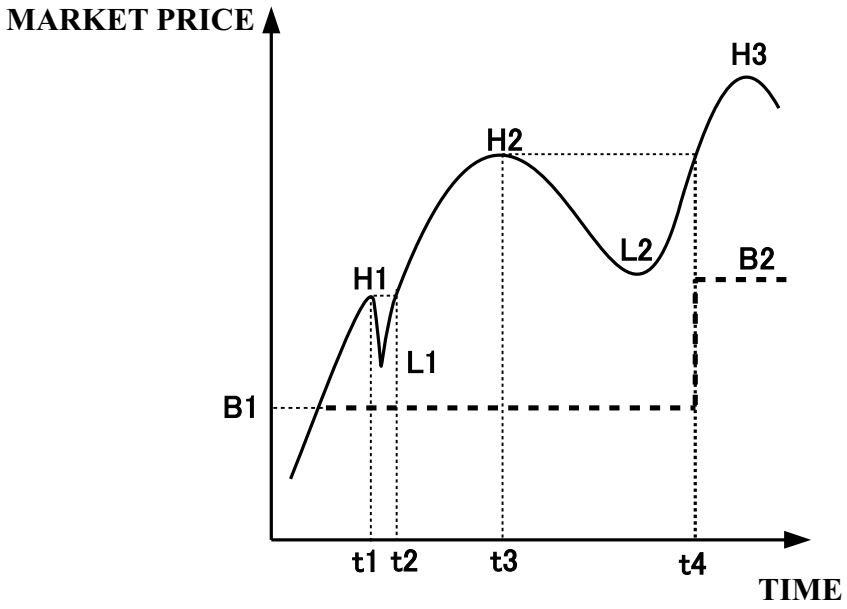


FIG.20

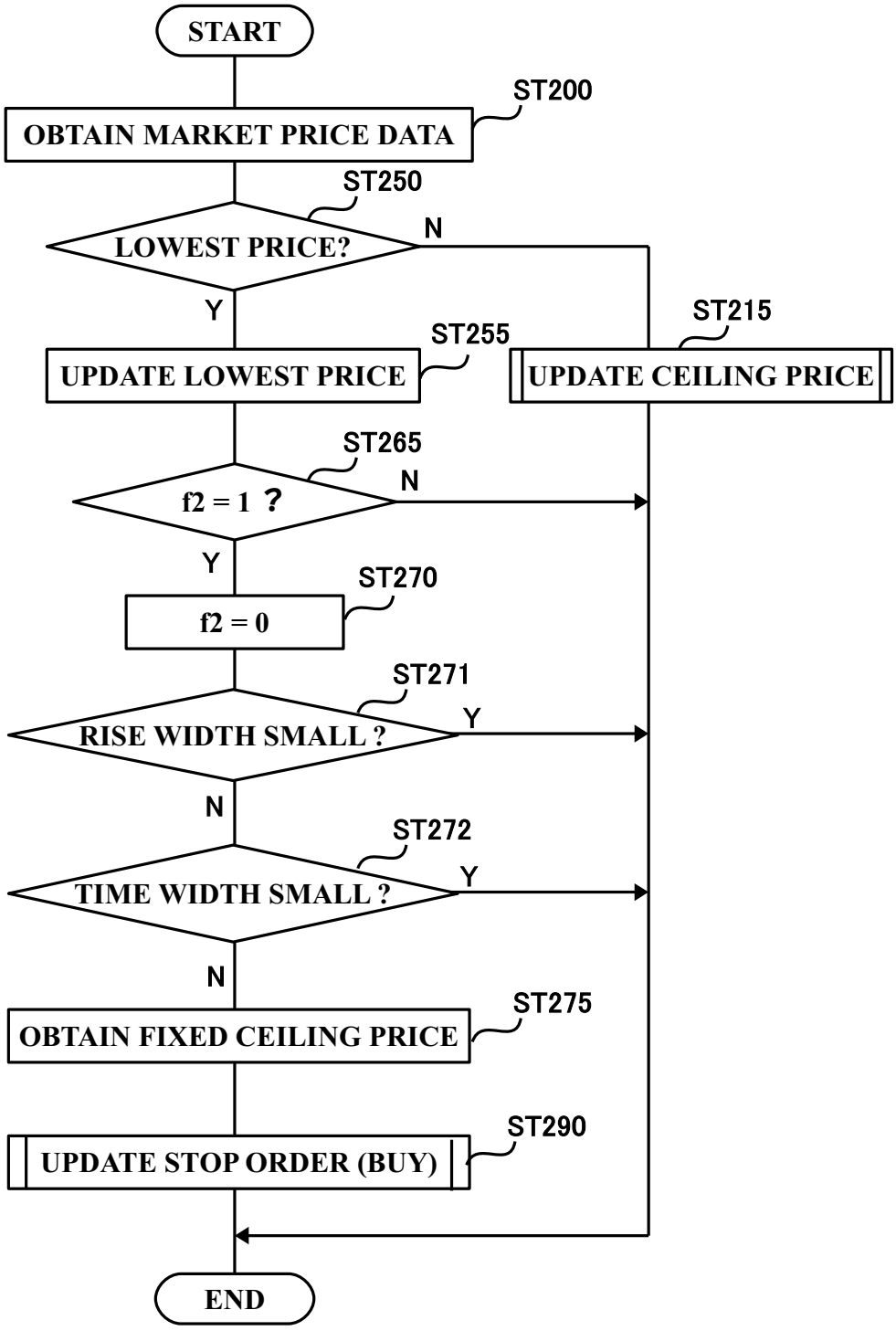

START
ST200
OBTAIN MARKET PRICE DATA
ST250
LOWEST PRICE?
N
Y
ST255
UPDATE LOWEST PRICE
ST215
UPDATE CEILING PRICE
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
ST271
RISE WIDTH SMALL ?
Y
N
ST272
TIME WIDTH SMALL ?
Y
N
ST275
OBTAIN FIXED CEILING PRICE
ST290
UPDATE STOP ORDER (BUY)
END

FIG.21

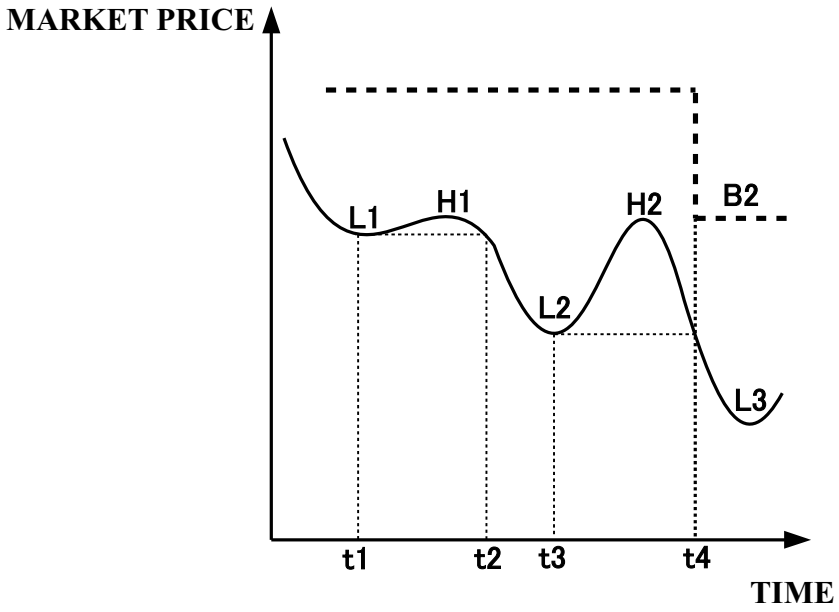


FIG.22

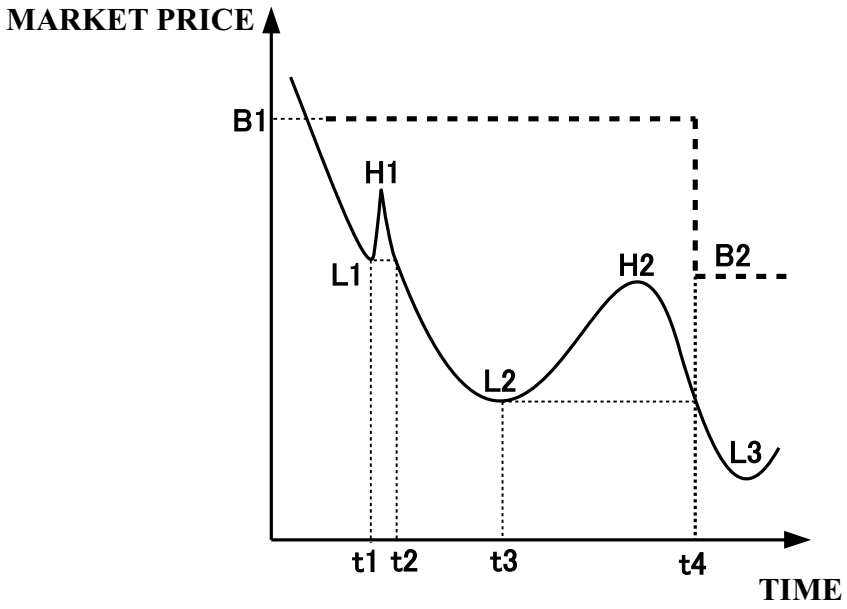


FIG.23

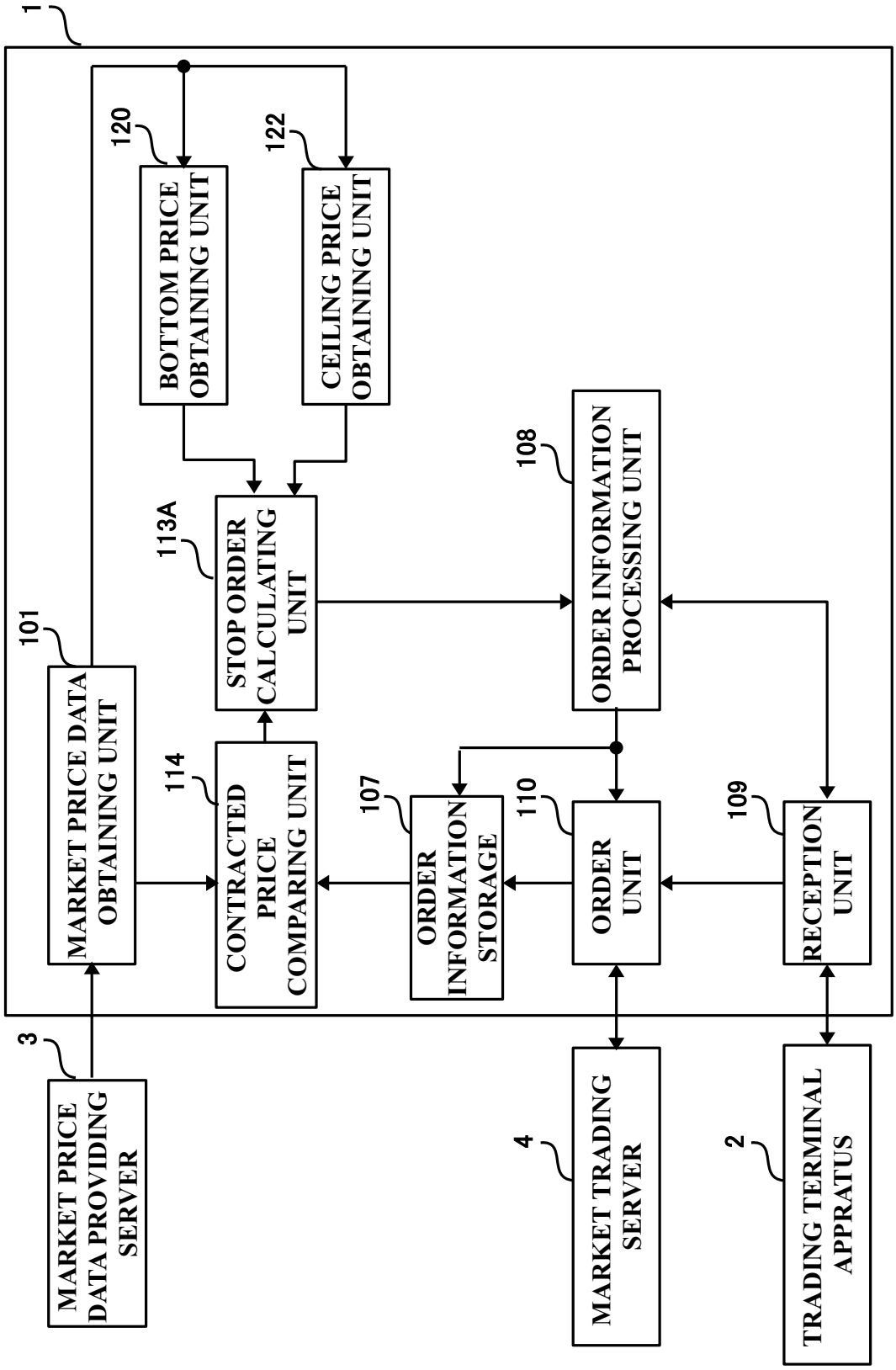

1
120
BOTTOM PRICE OBTAINING UNIT
122
CEILING PRICE OBTAINING UNIT
101
MARKET PRICE DATA OBTAINING UNIT
113A
STOP ORDER CALCULATING UNIT
108
ORDER INFORMATION PROCESSING UNIT
114
CONTRACTED PRICE COMPARING UNIT
107
ORDER INFORMATION STORAGE
110
ORDER UNIT
109
RECEPTION UNIT
3
MARKET PRICE DATA PROVIDING SERVER
4
MARKET TRADING SERVER
2
TRADING TERMINAL APPRATUS

FIG.24

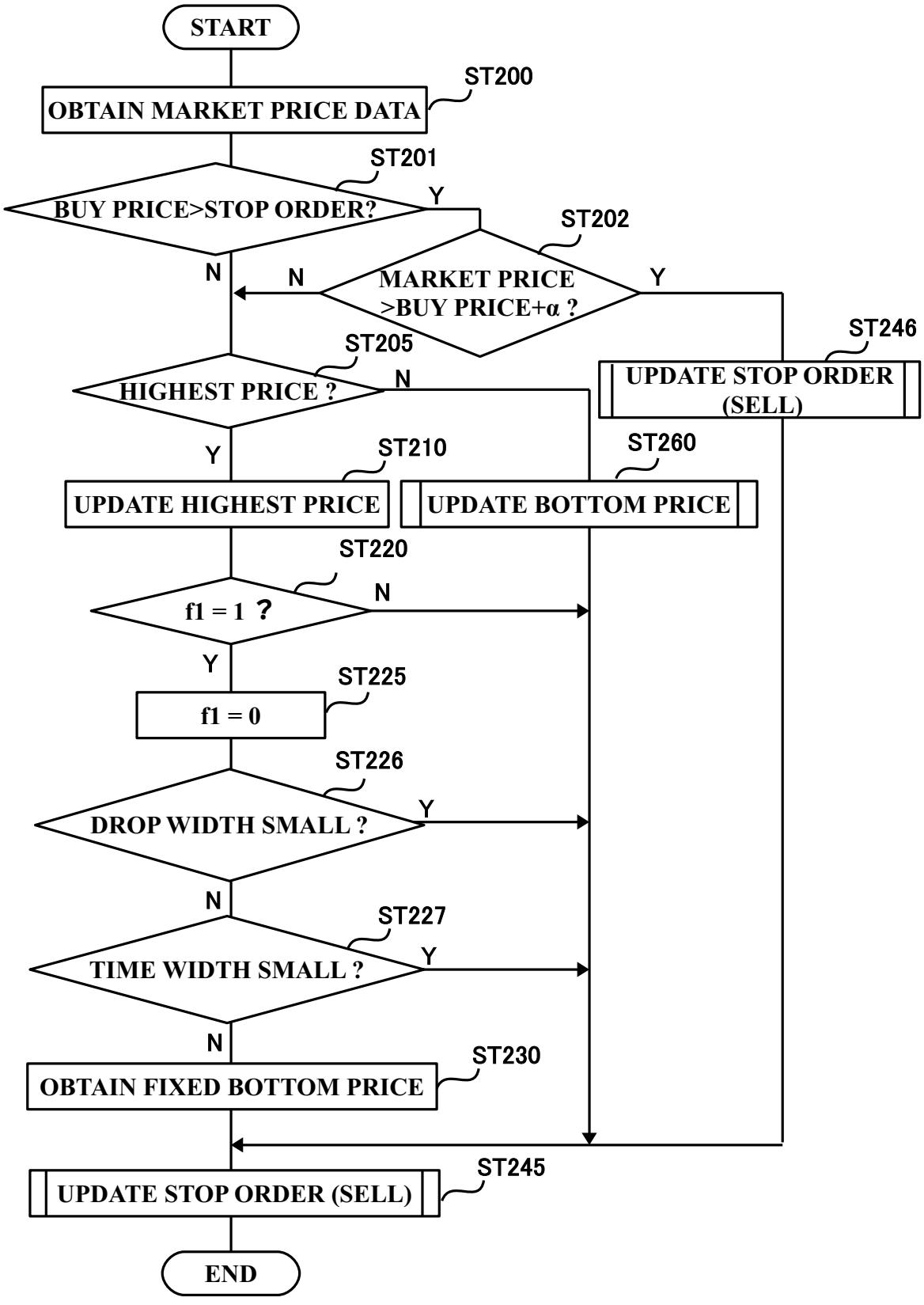

START
ST200
OBTAIN MARKET PRICE DATA
ST201
BUY PRICE>STOP ORDER?
Y
N
ST202
MARKET PRICE
>BUY PRICE+α ?
N
Y
ST246
UPDATE STOP ORDER
(SELL)
ST205
HIGHEST PRICE ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST260
UPDATE BOTTOM PRICE
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
ST226
DROP WIDTH SMALL ?
Y
N
ST227
TIME WIDTH SMALL ?
Y
N
ST230
OBTAIN FIXED BOTTOM PRICE
ST245
UPDATE STOP ORDER (SELL)
END

FIG.25

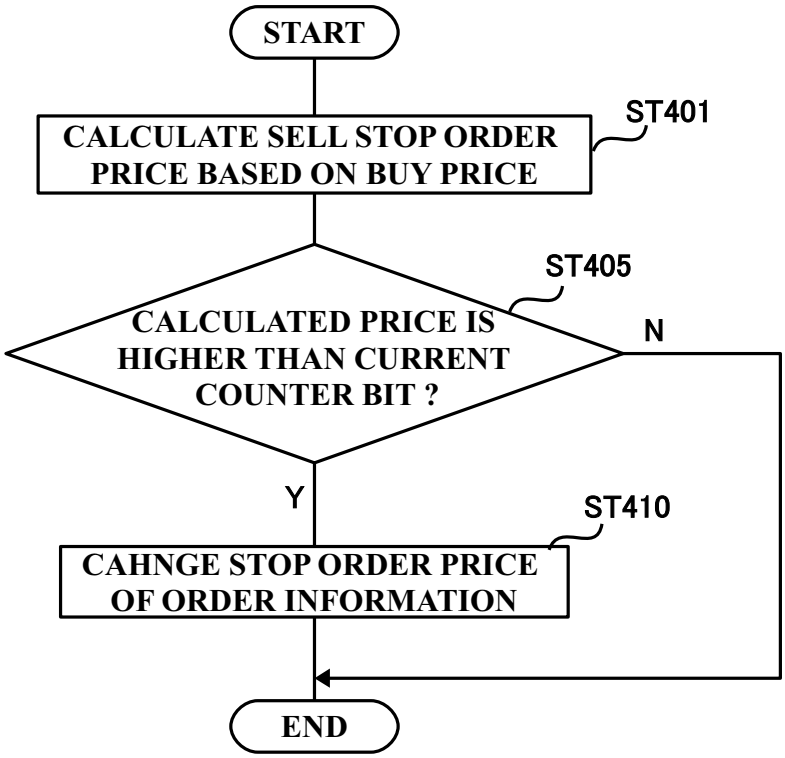

START
CALCULATE SELL STOP ORDER PRICE BASED ON BUY PRICE
ST401
CALCULATED PRICE IS HIGHER THAN CURRENT COUNTER BIT ?
ST405
N
Y
CAHNGE STOP ORDER PRICE OF ORDER INFORMATION
ST410
END

FIG.26

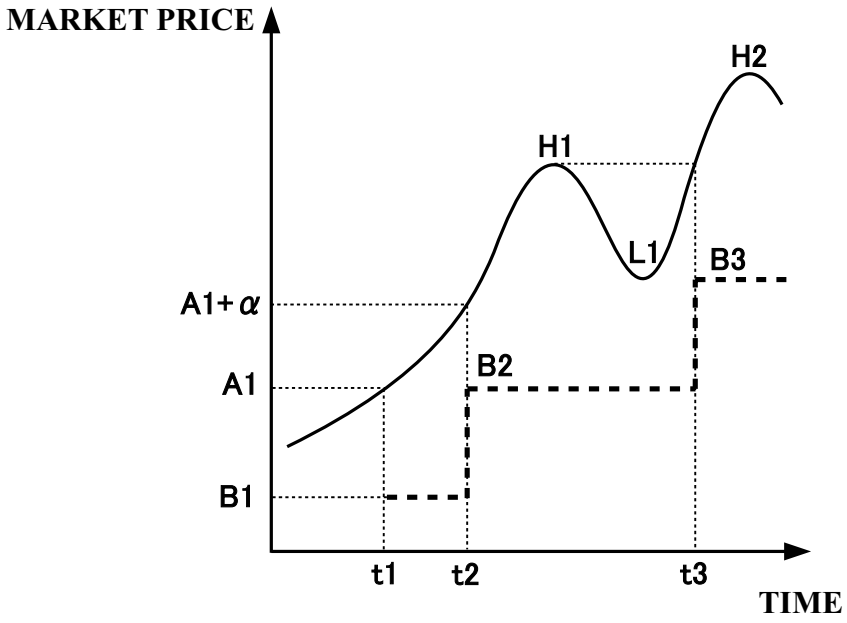


FIG.27

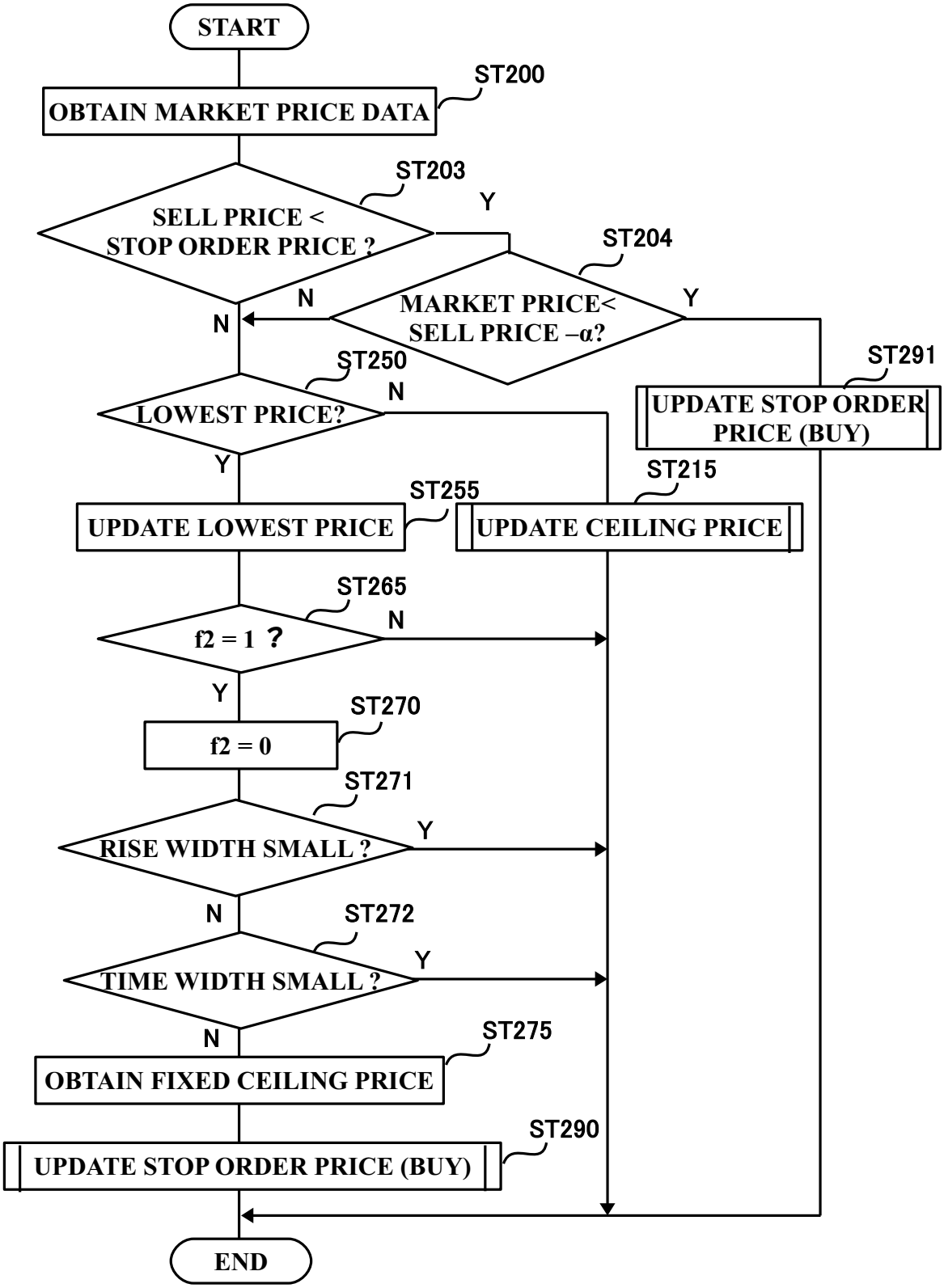

START
ST200
OBTAIN MARKET PRICE DATA
ST203
SELL PRICE <
STOP ORDER PRICE ?
Y
N
ST204
MARKET PRICE<
SELL PRICE –α?
Y
N
ST291
UPDATE STOP ORDER
PRICE (BUY)
ST250
LOWEST PRICE?
N
Y
ST255
UPDATE LOWEST PRICE
ST215
UPDATE CEILING PRICE
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
ST271
RISE WIDTH SMALL ?
Y
N
ST272
TIME WIDTH SMALL ?
Y
N
ST275
OBTAIN FIXED CEILING PRICE
ST290
UPDATE STOP ORDER PRICE (BUY)
END

FIG.28

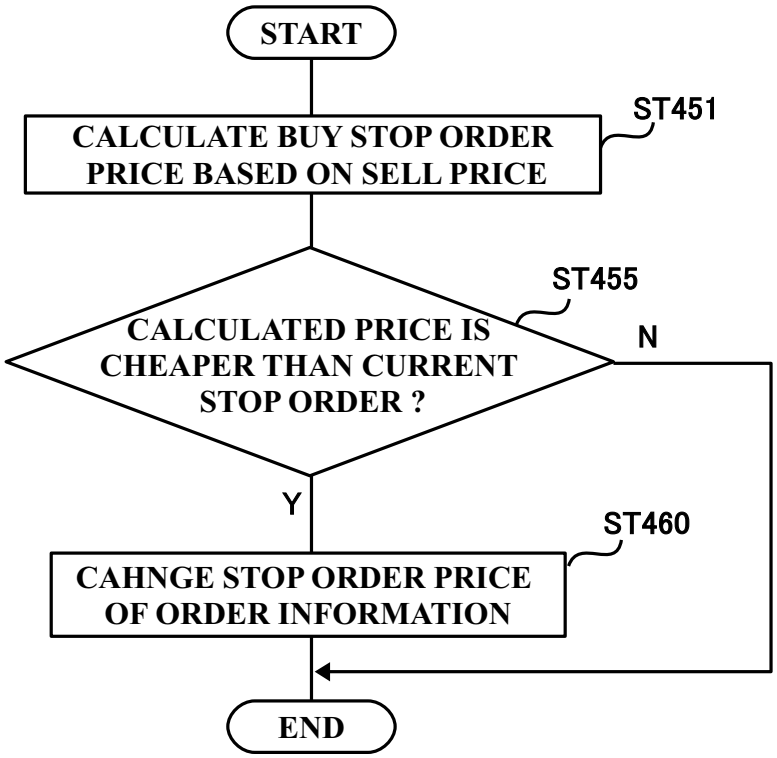

START
ST451
CALCULATE BUY STOP ORDER PRICE BASED ON SELL PRICE
ST455
CALCULATED PRICE IS CHEAPER THAN CURRENT STOP ORDER ?
N
Y
ST460
CAHNGE STOP ORDER PRICE OF ORDER INFORMATION
END

FIG.29

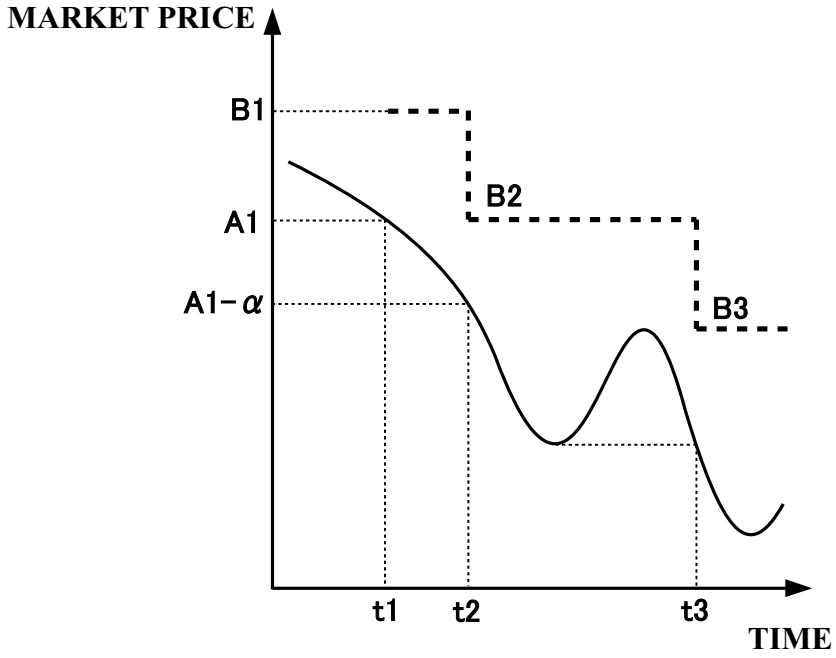


FIG.30

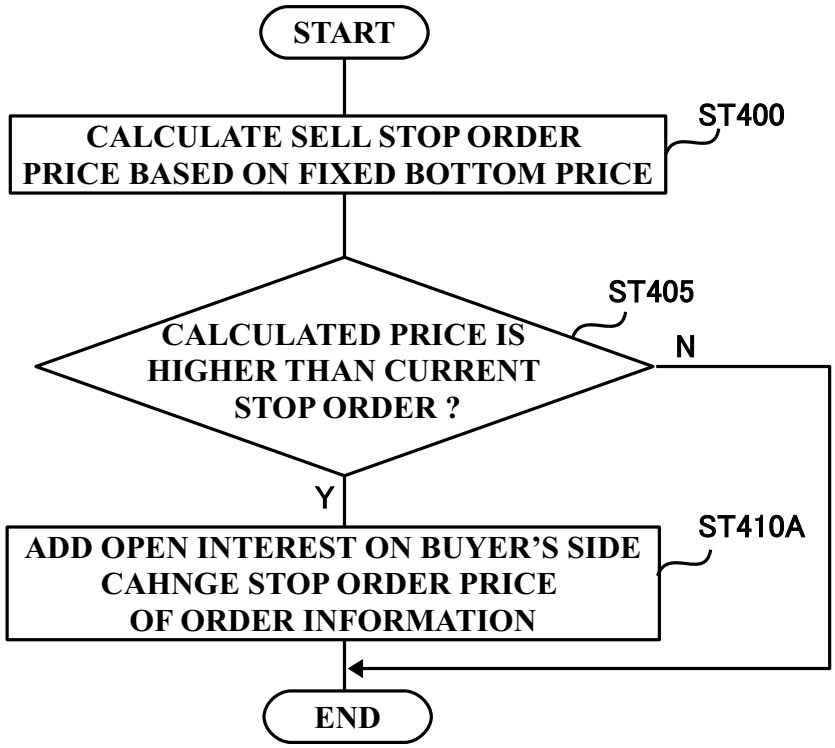

START
CALCULATE SELL STOP ORDER PRICE BASED ON FIXED BOTTOM PRICE
ST400
CALCULATED PRICE IS HIGHER THAN CURRENT STOP ORDER ?
ST405
N
Y
ADD OPEN INTEREST ON BUYER'S SIDE CAHNGE STOP ORDER PRICE OF ORDER INFORMATION
ST410A
END

FIG.31

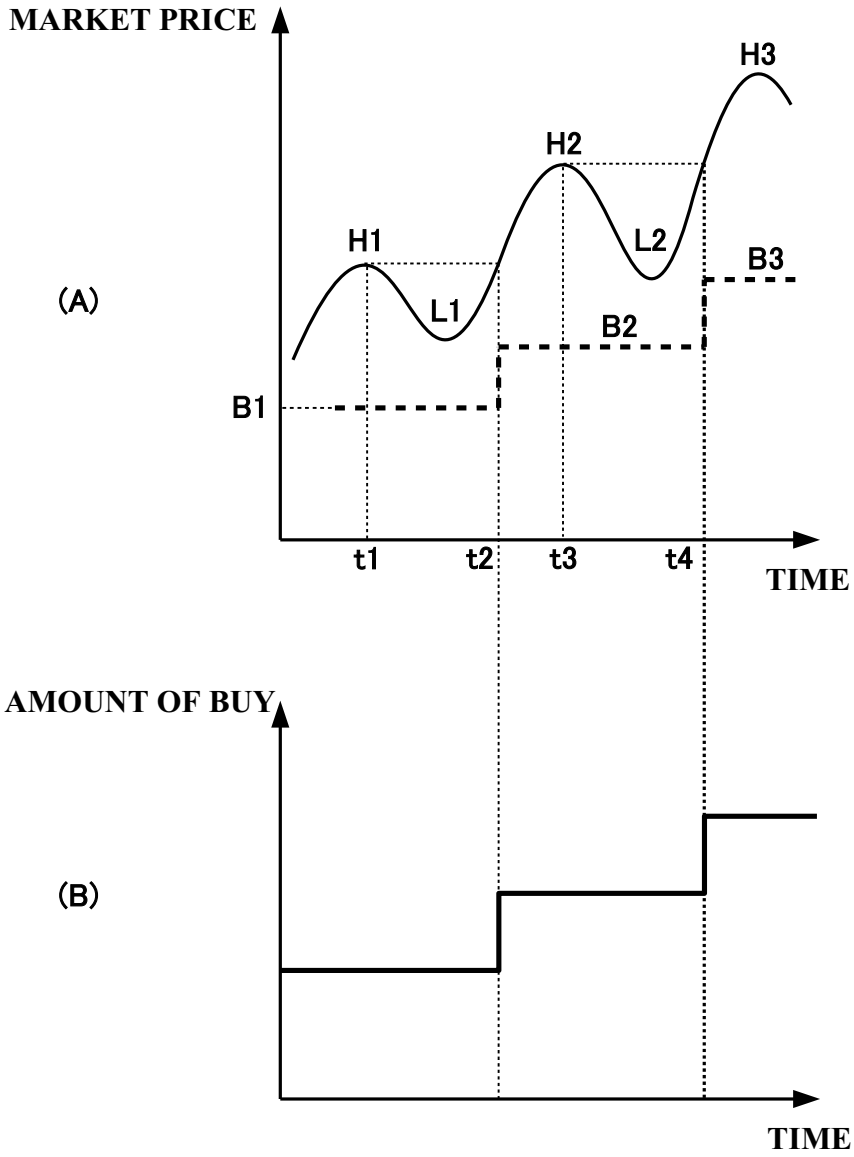

MARKET PRICE
H3
H2
H1
L2
B3
(A)
L1
B2
B1
t1
t2
t3
t4
TIME
AMOUNT OF BUY
(B)
TIME

FIG.32

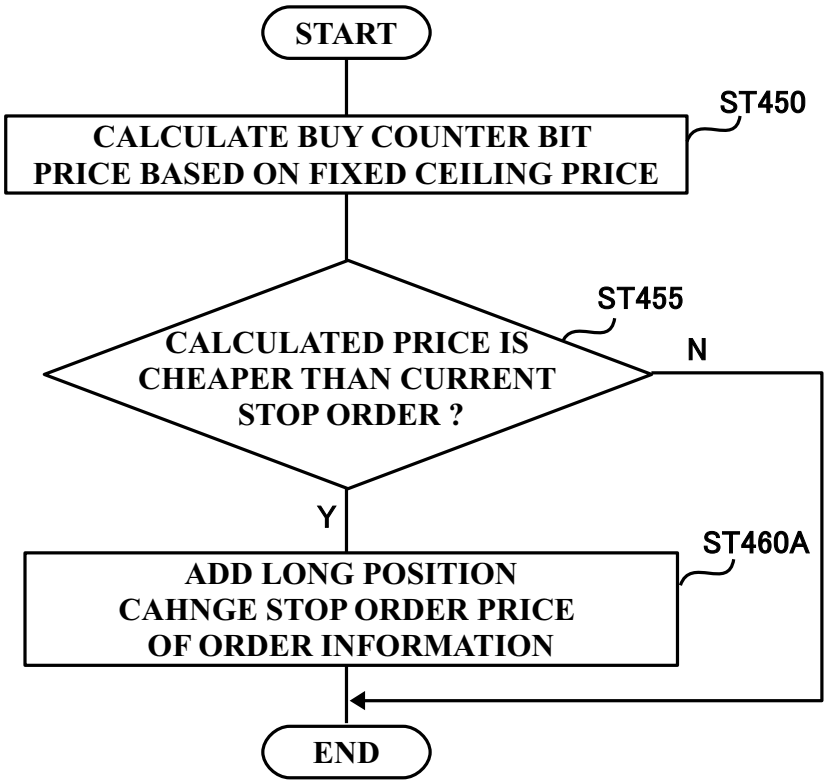

START
ST450
CALCULATE BUY COUNTER BIT PRICE BASED ON FIXED CEILING PRICE
ST455
CALCULATED PRICE IS CHEAPER THAN CURRENT STOP ORDER ?
N
Y
ST460A
ADD LONG POSITION CAHNGE STOP ORDER PRICE OF ORDER INFORMATION
END

FIG.33

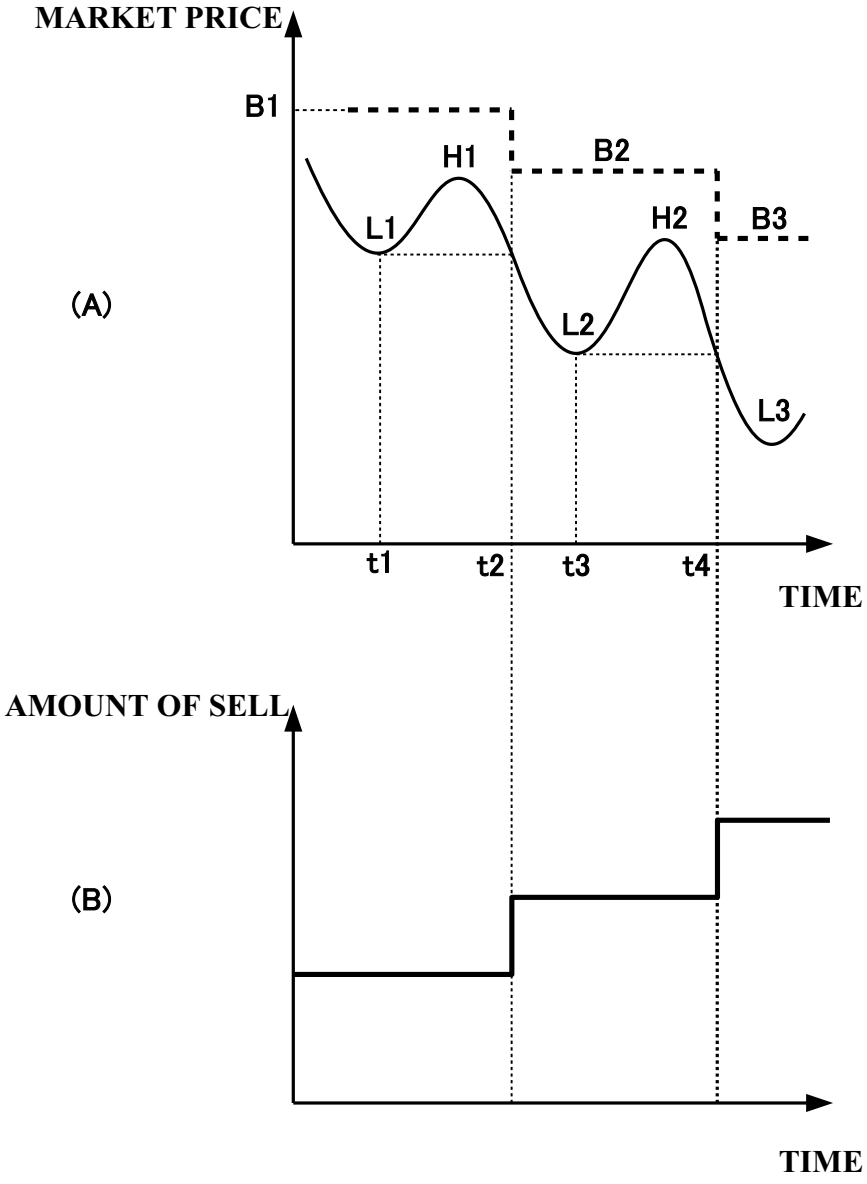

MARKET PRICE
B1
H1
B2
L1
H2
B3
(A)
L2
L3
t1
t2
t3
t4
TIME
AMOUNT OF SELL
(B)
TIME

FIG.34

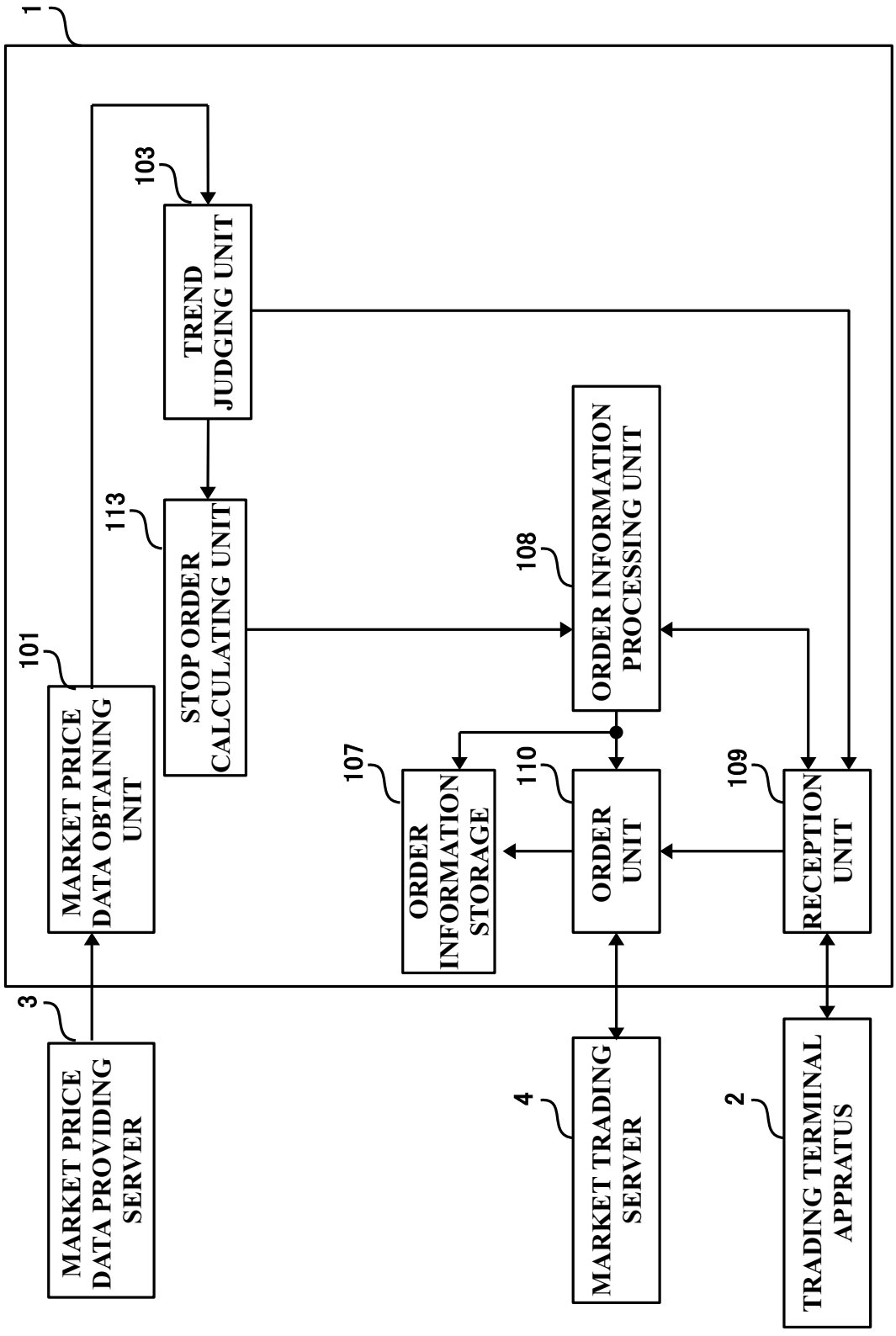

1
MARKET PRICE DATA PROVIDING SERVER
3
MARKET PRICE DATA OBTAINING UNIT
101
TREND JUDGING UNIT
103
STOP ORDER CALCULATING UNIT
113
ORDER INFORMATION PROCESSING UNIT
108
ORDER INFORMATION STORAGE
107
ORDER UNIT
110
RECEPTION UNIT
109
MARKET TRADING SERVER
4
TRADING TERMINAL APPRATUS
2

FIG.35

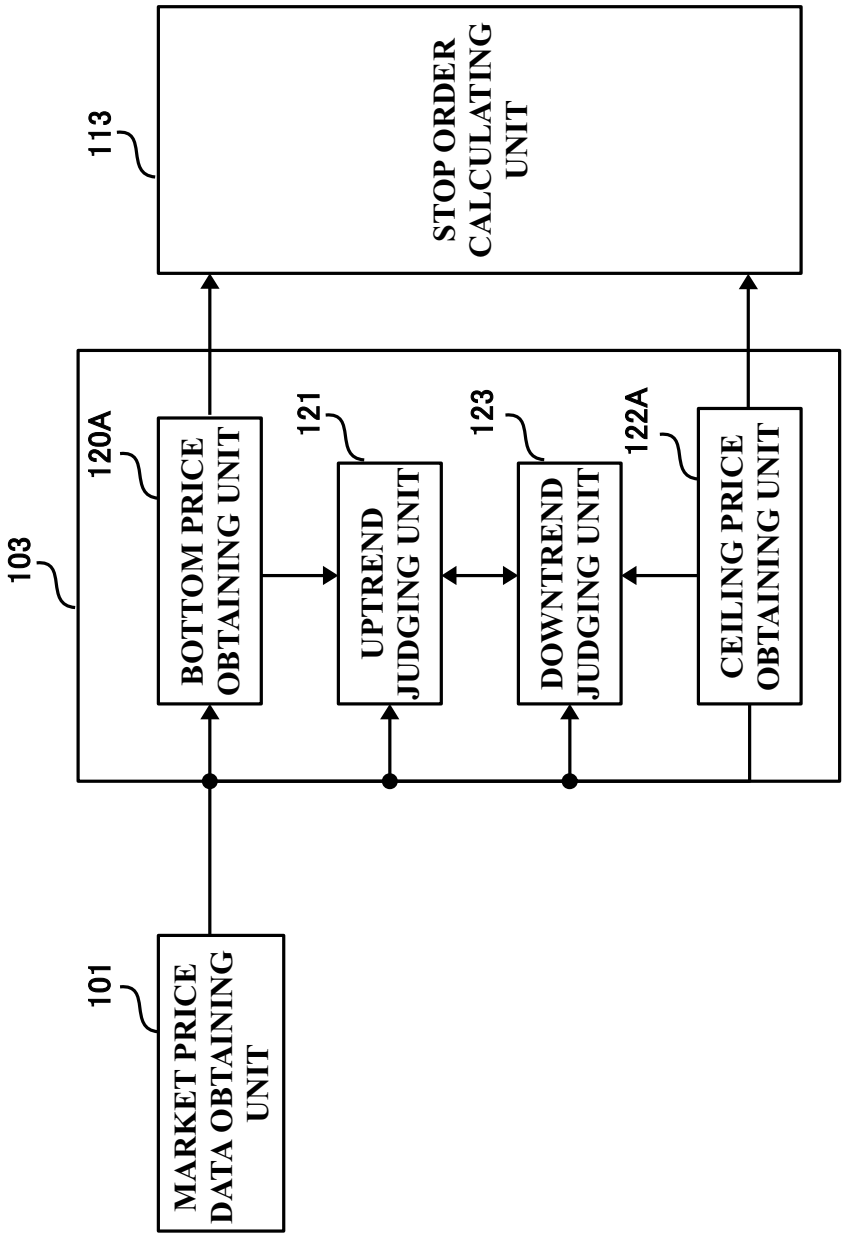

101
MARKET PRICE DATA OBTAINING UNIT
103
120A
BOTTOM PRICE OBTAINING UNIT
121
UPTREND JUDGING UNIT
123
DOWNTREND JUDGING UNIT
122A
CEILING PRICE OBTAINING UNIT
113
STOP ORDER CALCULATING UNIT

FIG.36

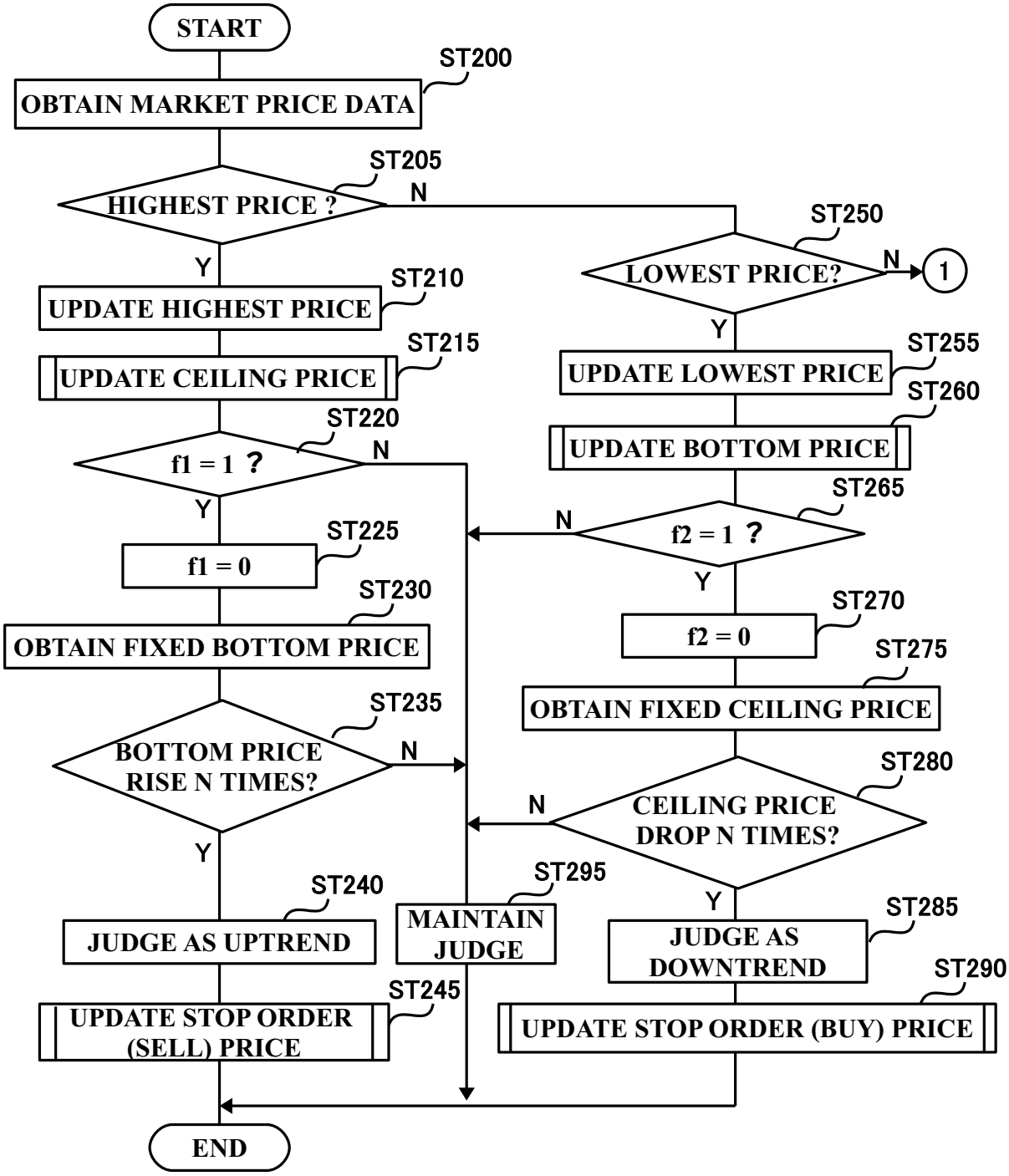

START
ST200
OBTAIN MARKET PRICE DATA
ST205
HIGHEST PRICE ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST215
UPDATE CEILING PRICE
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
ST230
OBTAIN FIXED BOTTOM PRICE
ST235
BOTTOM PRICE RISE N TIMES?
N
Y
ST240
JUDGE AS UPTREND
ST245
UPDATE STOP ORDER (SELL) PRICE
ST250
LOWEST PRICE?
N
1
Y
ST255
UPDATE LOWEST PRICE
ST260
UPDATE BOTTOM PRICE
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
ST275
OBTAIN FIXED CEILING PRICE
ST280
CEILING PRICE DROP N TIMES?
N
Y
ST285
JUDGE AS DOWNTREND
ST290
UPDATE STOP ORDER (BUY) PRICE
ST295
MAINTAIN JUDGE
END

FIG.37

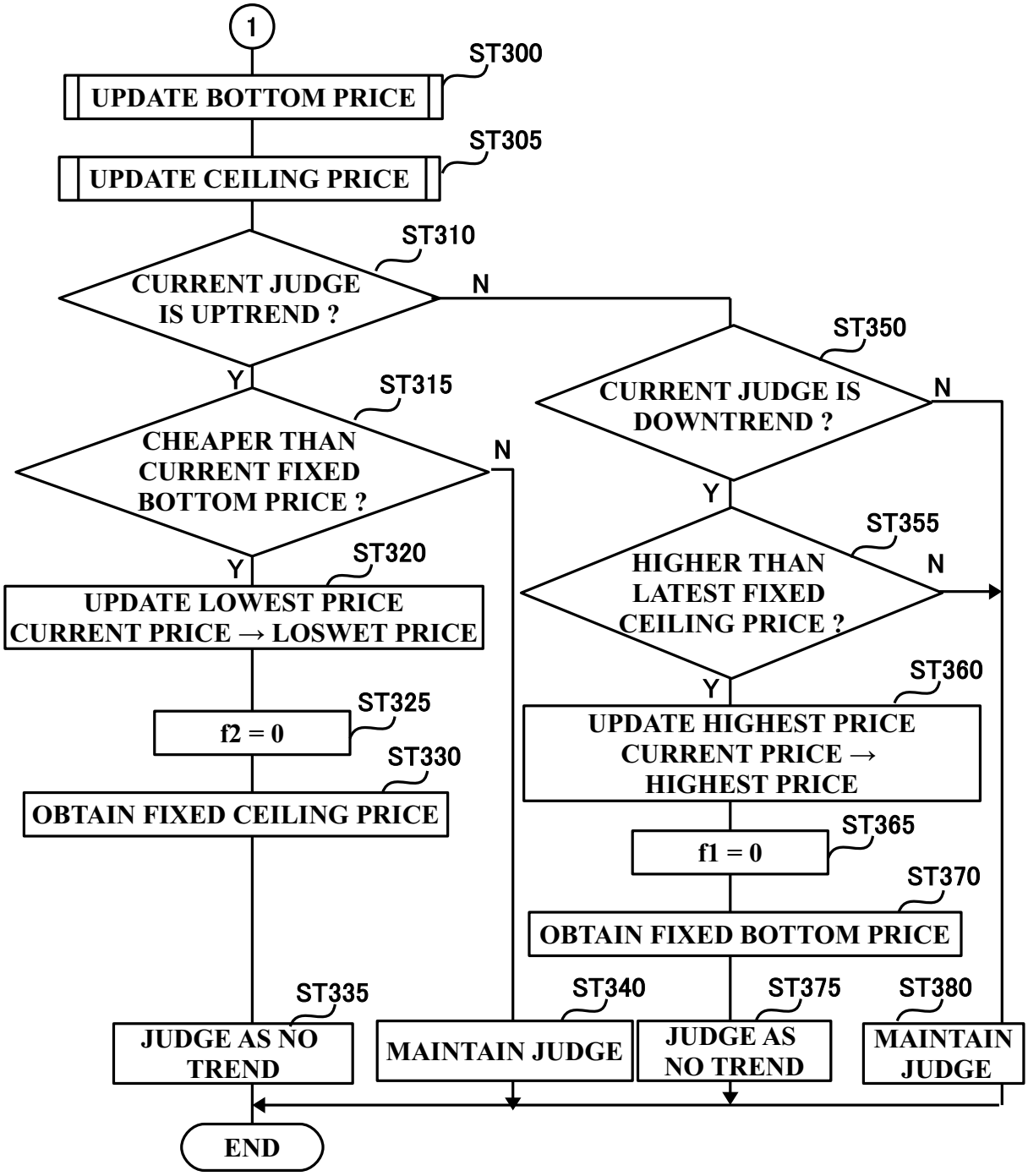

1
ST300
UPDATE BOTTOM PRICE
ST305
UPDATE CEILING PRICE
ST310
CURRENT JUDGE IS UPTREND ?
N
Y
ST315
CHEAPER THAN CURRENT FIXED BOTTOM PRICE ?
N
Y
ST320
UPDATE LOWEST PRICE CURRENT PRICE → LOSWET PRICE
ST325
f2 = 0
ST330
OBTAIN FIXED CEILING PRICE
ST335
JUDGE AS NO TREND
ST350
CURRENT JUDGE IS DOWNTREND ?
N
Y
ST355
HIGHER THAN LATEST FIXED CEILING PRICE ?
N
Y
ST360
UPDATE HIGHEST PRICE CURRENT PRICE → HIGHEST PRICE
ST365
f1 = 0
ST370
OBTAIN FIXED BOTTOM PRICE
ST340
MAINTAIN JUDGE
ST375
JUDGE AS NO TREND
ST380
MAINTAIN JUDGE
END

FIG.38

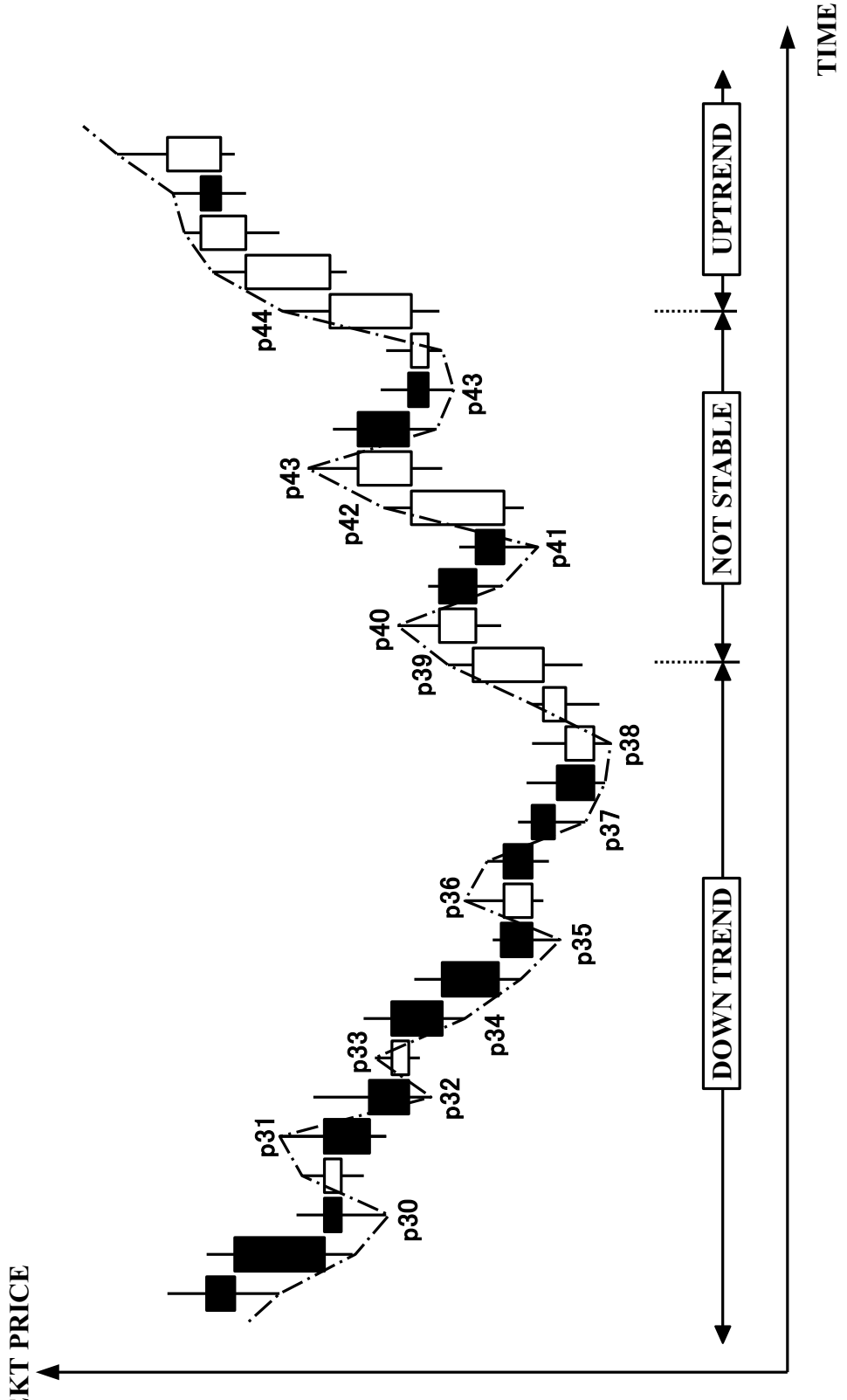

MAREKT PRICE
TIME
DOWN TREND
NOT STABLE
UPTREND
p30
p31
p32
p33
p34
p35
p36
p37
p38
p39
p40
p41
p42
p43
p43
p44

FIG.39

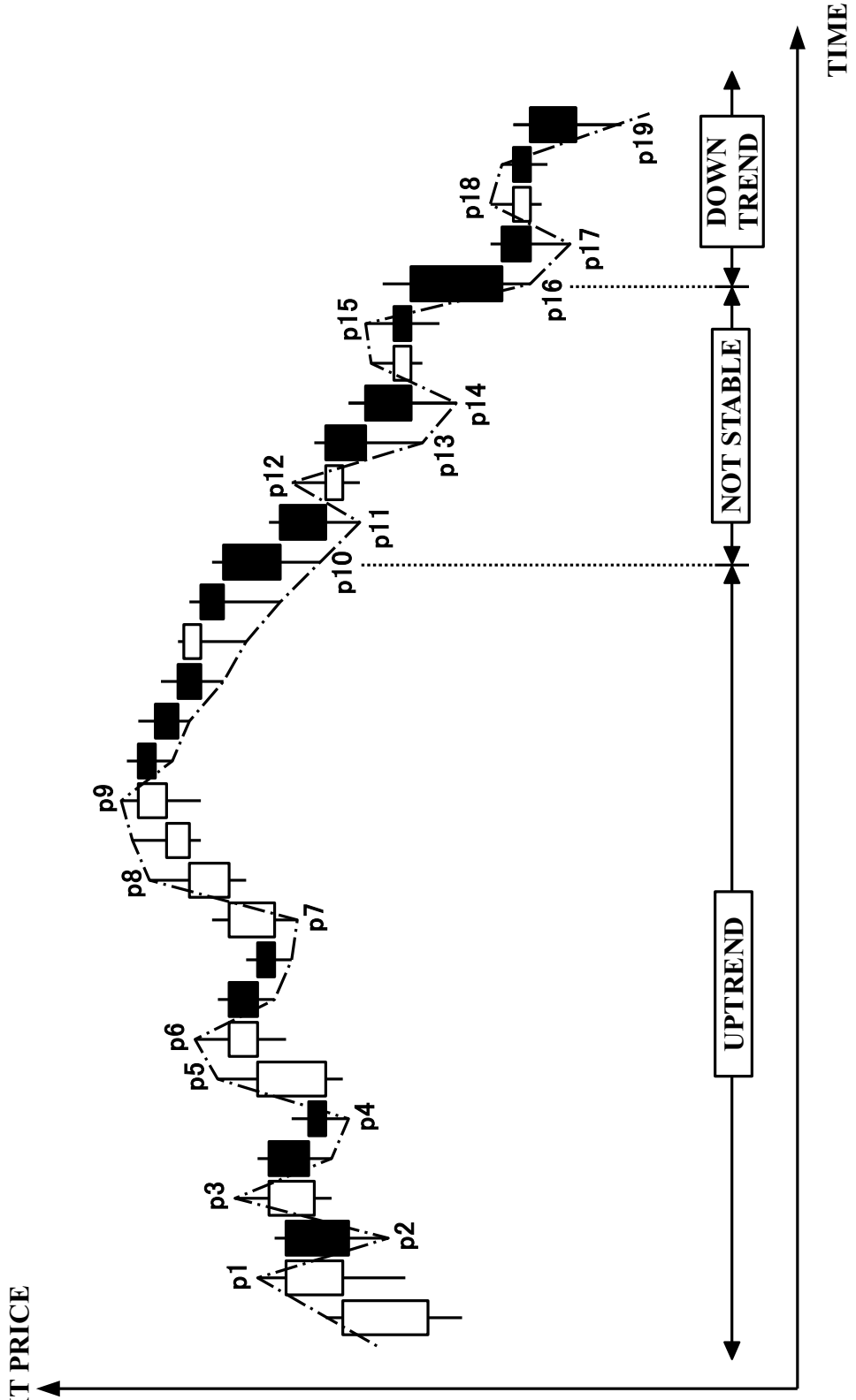

MAREKT PRICE
TIME
UPTREND
NOT STABLE
DOWN TREND
p1
p2
p3
p4
p5
p6
p7
p8
p9
p10
p11
p12
p13
p14
p15
p16
p17
p18
p19

FIG.40

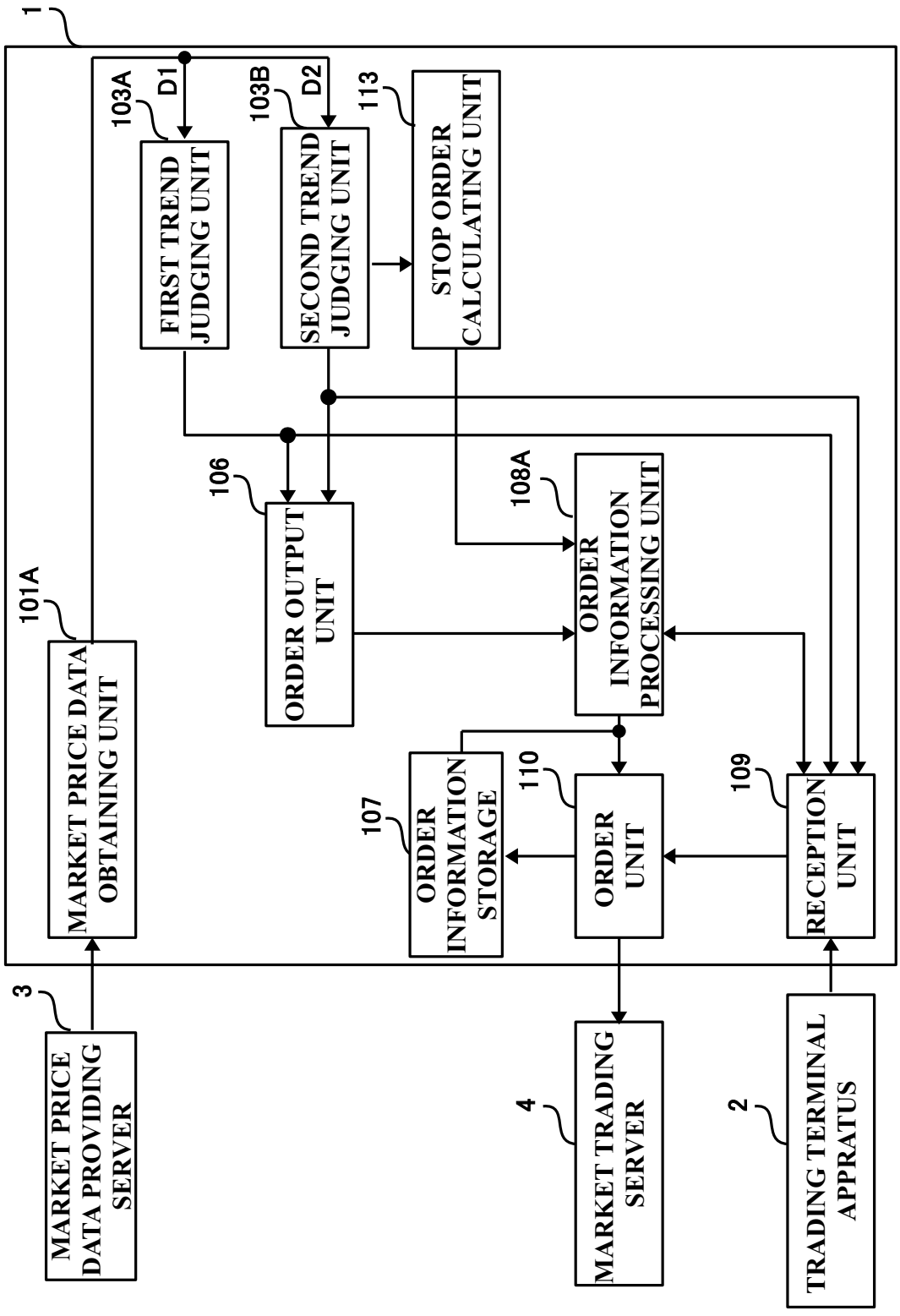

1
103A
D1
103B
D2
113
FIRST TREND JUDGING UNIT
SECOND TREND JUDGING UNIT
STOP ORDER CALCULATING UNIT
106
108A
ORDER OUTPUT UNIT
ORDER INFORMATION PROCESSING UNIT
101A
MARKET PRICE DATA OBTAINING UNIT
107
110
109
ORDER INFORMATION STORAGE
ORDER UNIT
RECEPTION UNIT
3
4
2
MARKET PRICE DATA PROVIDING SERVER
MARKET TRADING SERVER
TRADING TERMINAL APPRATUS

FIG.41

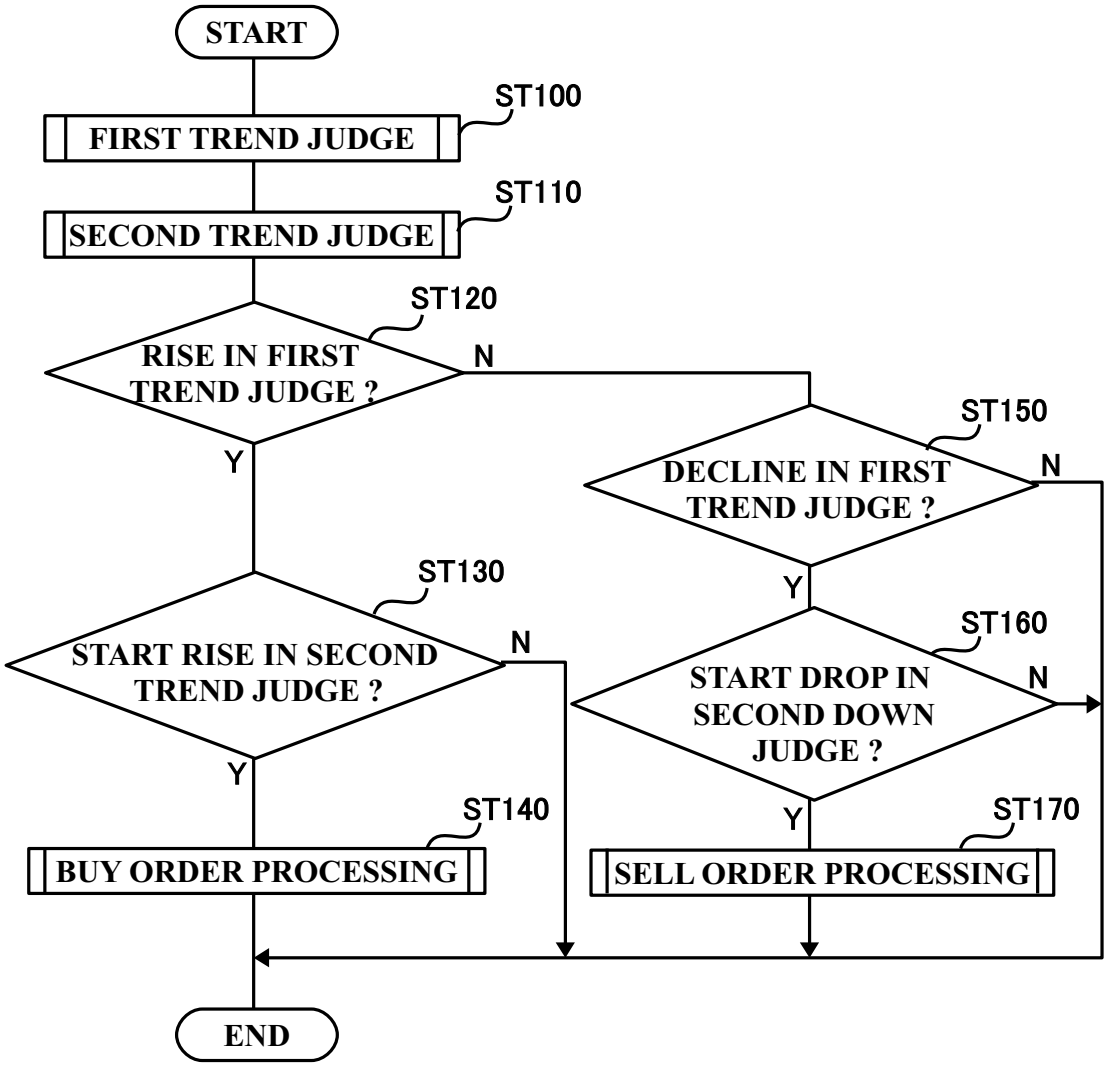

START
ST100
FIRST TREND JUDGE
ST110
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE ?
N
Y
ST150
DECLINE IN FIRST TREND JUDGE ?
N
Y
ST130
START RISE IN SECOND TREND JUDGE ?
N
Y
ST160
START DROP IN SECOND DOWN JUDGE ?
N
Y
ST140
BUY ORDER PROCESSING
ST170
SELL ORDER PROCESSING
END

FIG.42

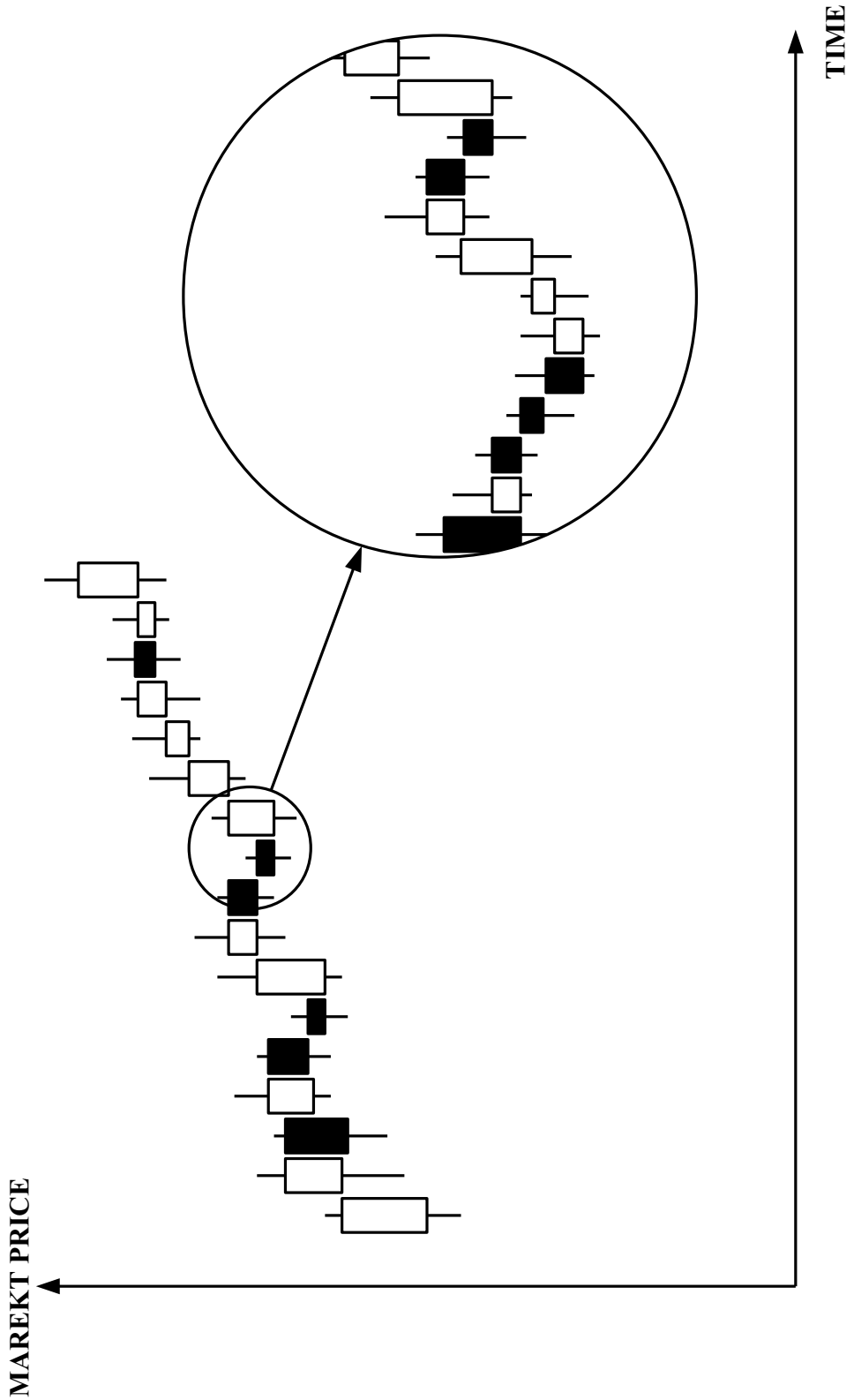


FIG.43

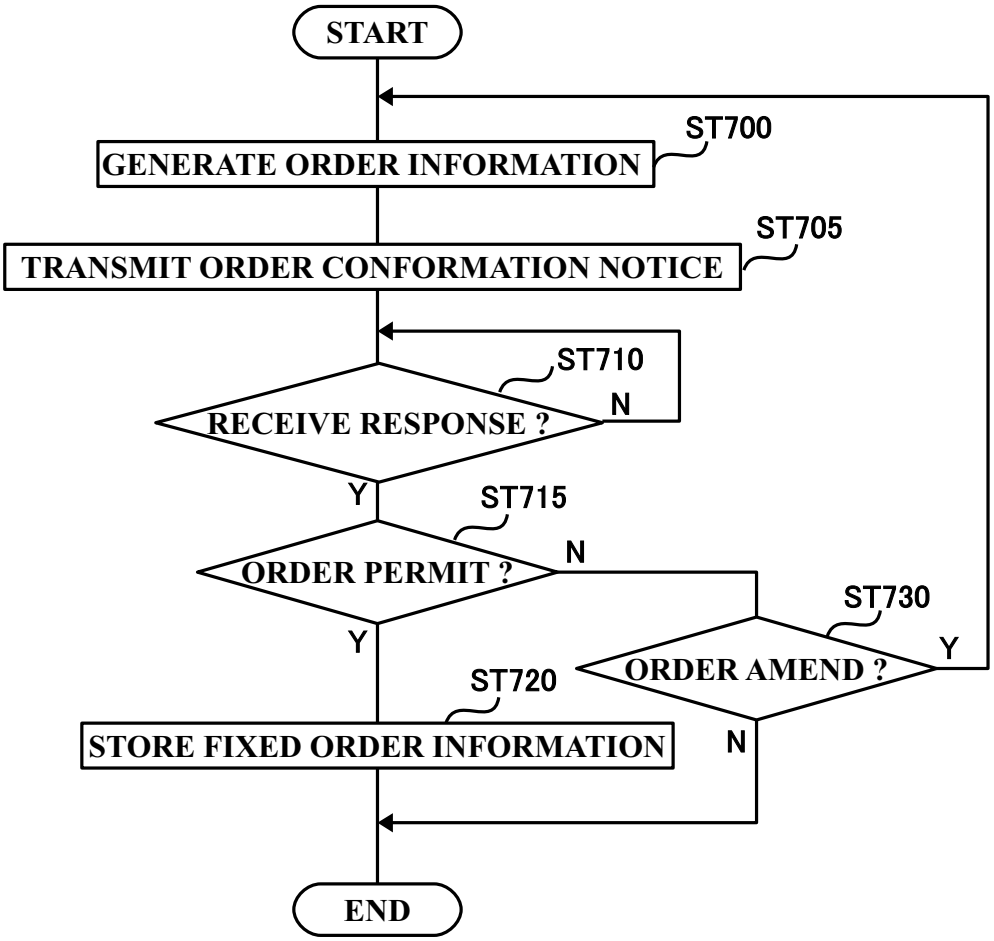

START
ST700
GENERATE ORDER INFORMATION
ST705
TRANSMIT ORDER CONFORMATION NOTICE
ST710
RECEIVE RESPONSE ?
N
Y
ST715
ORDER PERMIT ?
N
Y
ST730
ORDER AMEND ?
Y
N
ST720
STORE FIXED ORDER INFORMATION
END

FIG.44

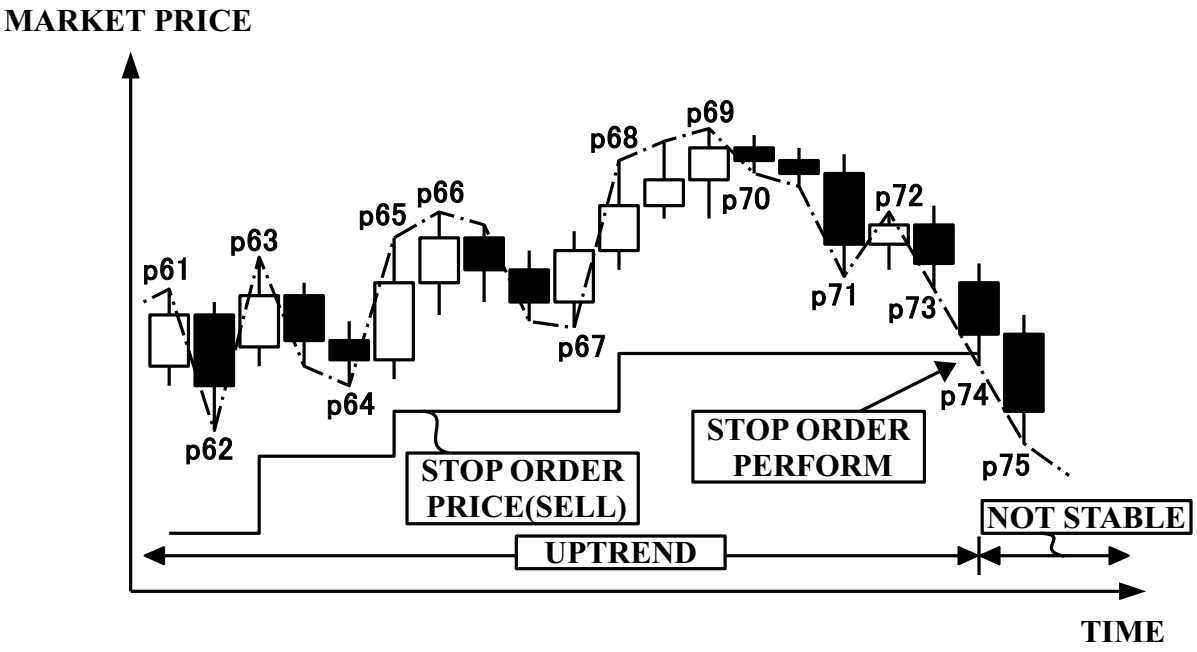

MARKET PRICE
p61
p62
p63
p64
p65
p66
p67
p68
p69
p70
p71
p72
p73
p74
p75
STOP ORDER PRICE(SELL)
STOP ORDER PERFORM
NOT STABLE
UPTREND
TIME

FIG.45

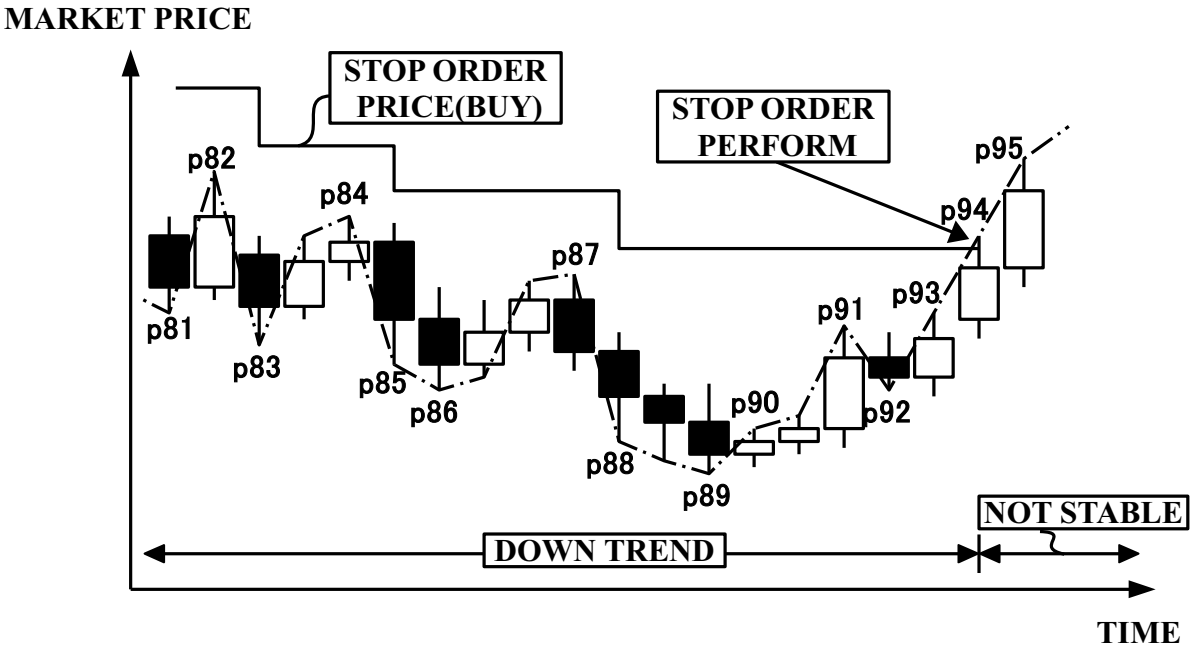

MARKET PRICE
STOP ORDER PRICE(BUY)
STOP ORDER PERFORM
p81
p82
p83
p84
p85
p86
p87
p88
p89
p90
p91
p92
p93
p94
p95
NOT STABLE
DOWN TREND
TIME

FIG.46

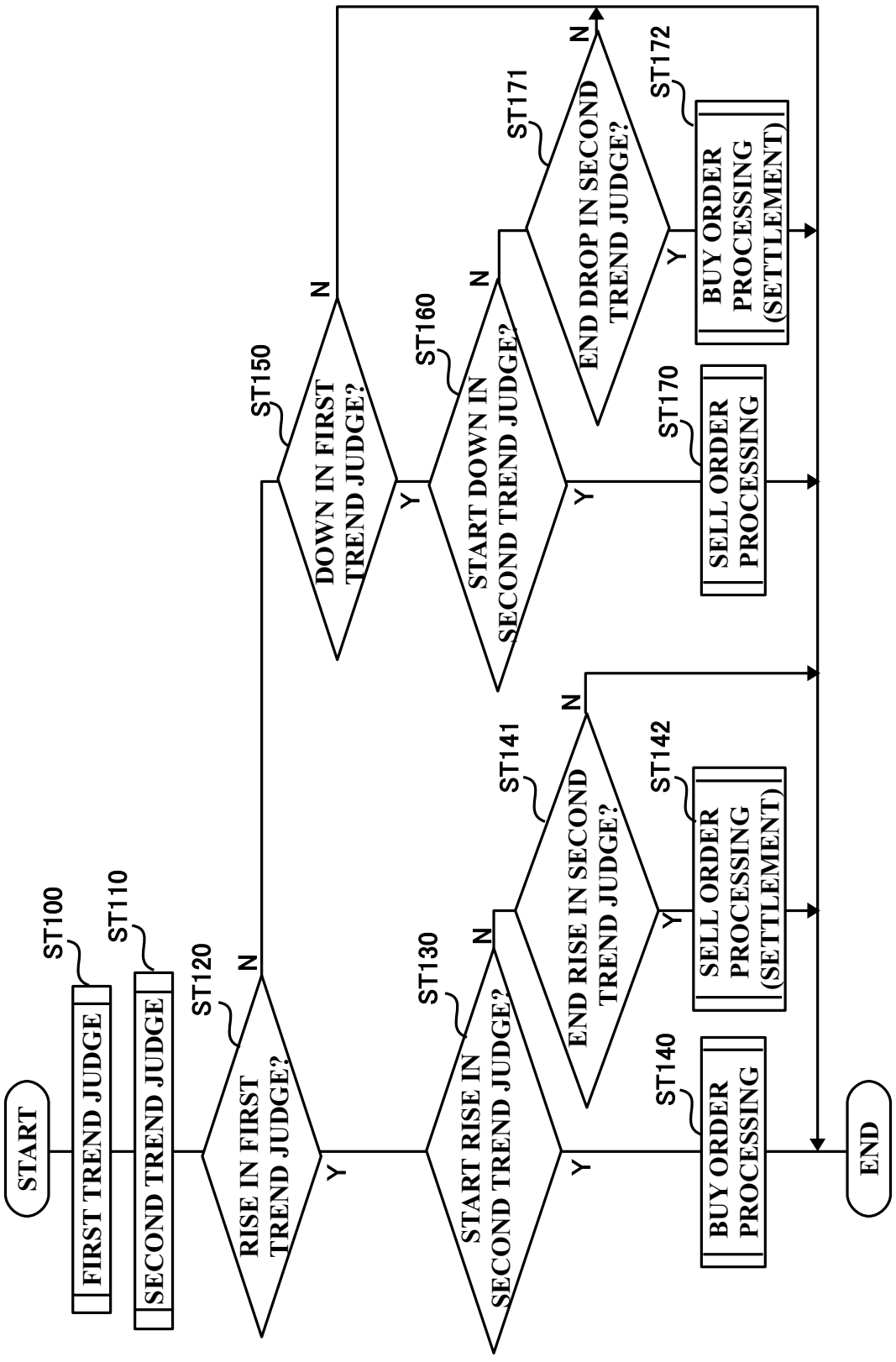

START
ST100
FIRST TREND JUDGE
ST110
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE?
N
Y
ST130
START RISE IN SECOND TREND JUDGE?
N
Y
ST140
BUY ORDER PROCESSING
ST141
END RISE IN SECOND TREND JUDGE?
N
Y
ST142
SELL ORDER PROCESSING (SETTLEMENT)
ST150
DOWN IN FIRST TREND JUDGE?
N
Y
ST160
START DOWN IN SECOND TREND JUDGE?
N
Y
ST170
SELL ORDER PROCESSING
ST171
END DROP IN SECOND TREND JUDGE?
N
Y
ST172
BUY ORDER PROCESSING (SETTLEMENT)
END

FIG.47

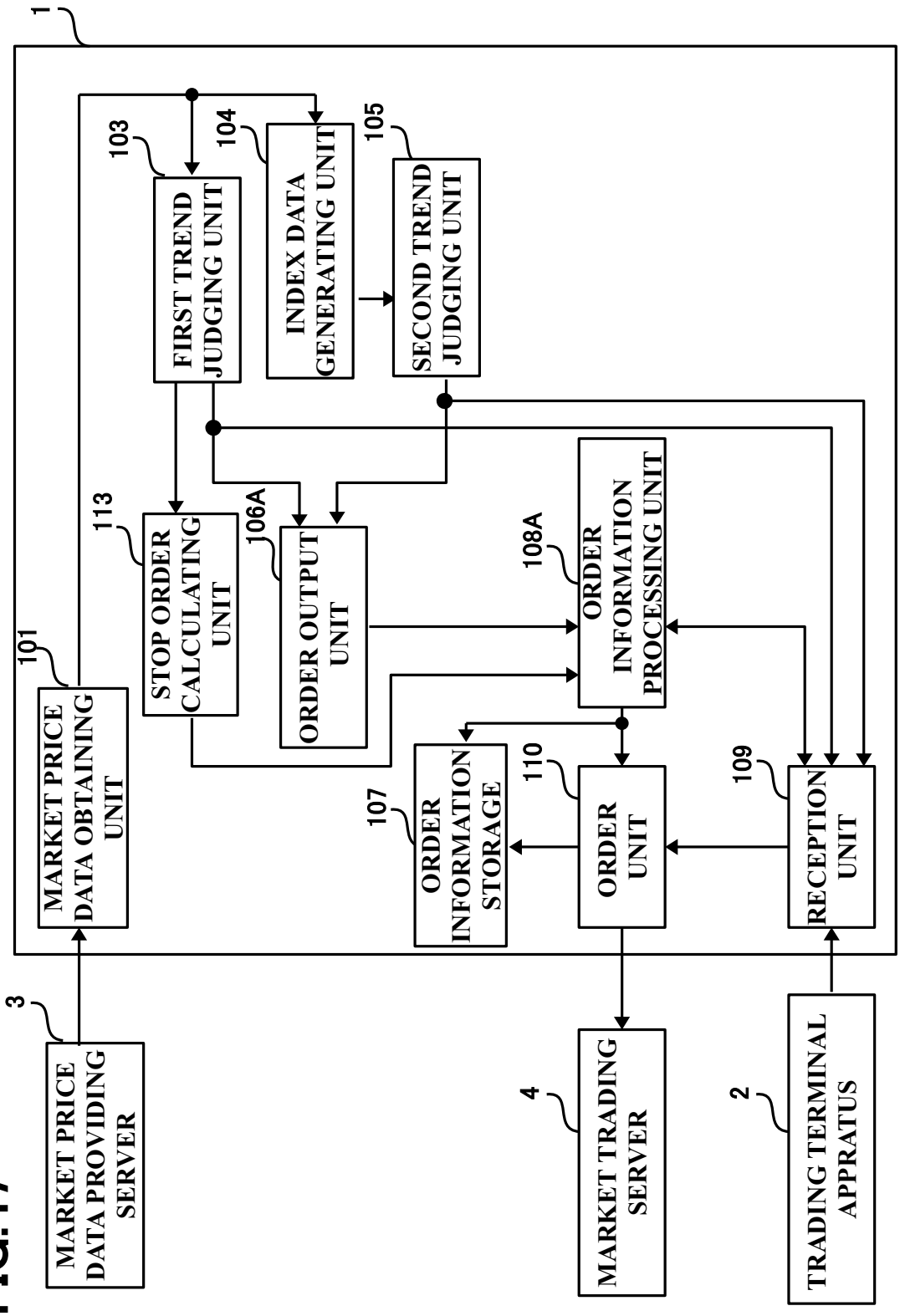

1
MARKET PRICE DATA OBTAINING UNIT
101
STOP ORDER CALCULATING UNIT
113
FIRST TREND JUDGING UNIT
103
INDEX DATA GENERATING UNIT
104
SECOND TREND JUDGING UNIT
105
ORDER OUTPUT UNIT
106A
ORDER INFORMATION PROCESSING UNIT
108A
ORDER INFORMATION STORAGE
107
ORDER UNIT
110
RECEPTION UNIT
109
MARKET PRICE DATA PROVIDING SERVER
3
MARKET TRADING SERVER
4
TRADING TERMINAL APPRATUS
2

FIG.48

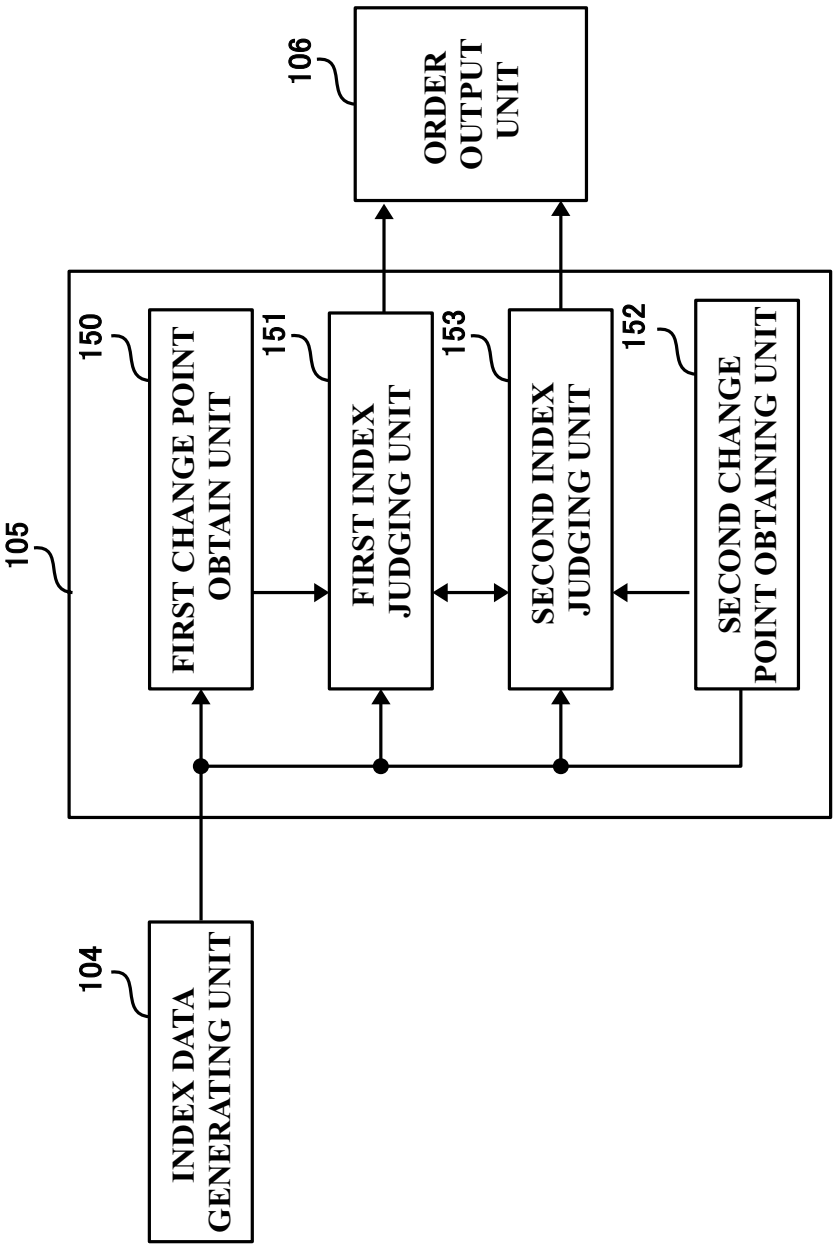

104
INDEX DATA GENERATING UNIT
105
150
FIRST CHANGE POINT OBTAIN UNIT
151
FIRST INDEX JUDGING UNIT
153
SECOND INDEX JUDGING UNIT
152
SECOND CHANGE POINT OBTAINING UNIT
106
ORDER OUTPUT UNIT

FIG.49

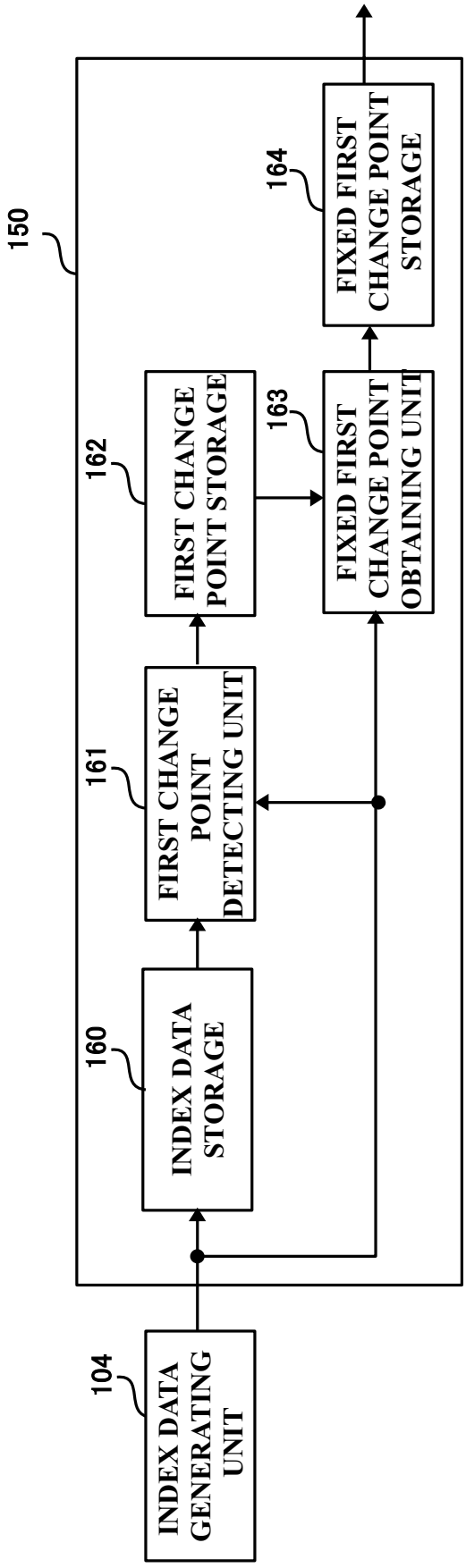

150
104
INDEX DATA GENERATING UNIT
160
INDEX DATA STORAGE
161
FIRST CHANGE POINT DETECTING UNIT
162
FIRST CHANGE POINT STORAGE
163
FIXED FIRST CHANGE POINT OBTAINING UNIT
164
FIXED FIRST CHANGE POINT STORAGE

FIG.50

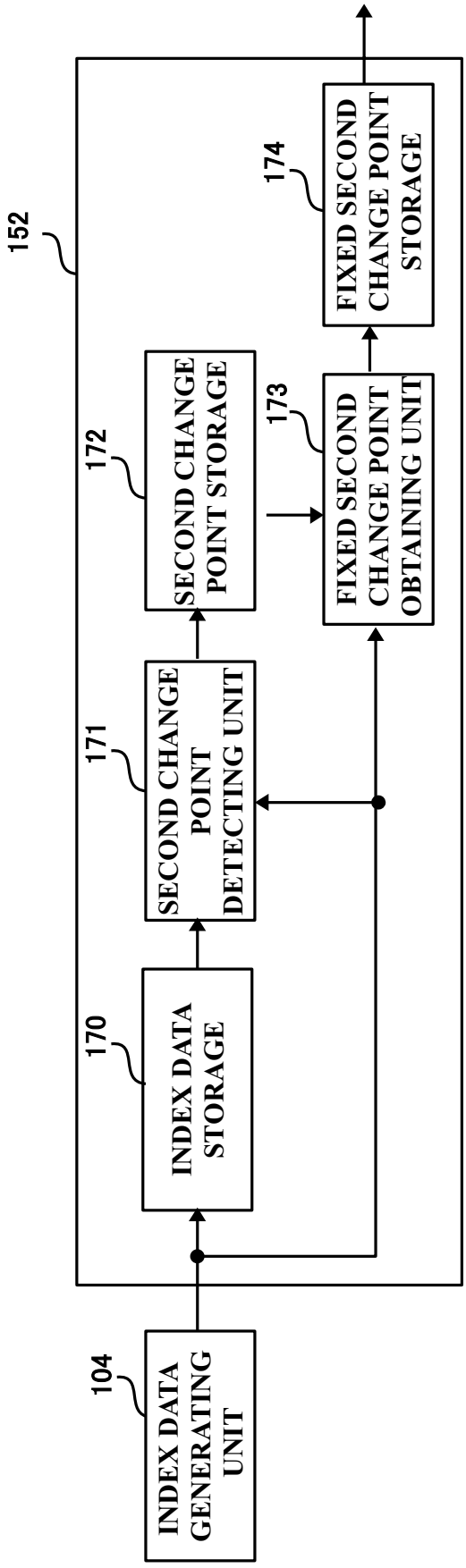

152
104
INDEX DATA GENERATING UNIT
170
INDEX DATA STORAGE
171
SECOND CHANGE POINT DETECTING UNIT
172
SECOND CHANGE POINT STORAGE
173
FIXED SECOND CHANGE POINT OBTAINING UNIT
174
FIXED SECOND CHANGE POINT STORAGE

FIG.51

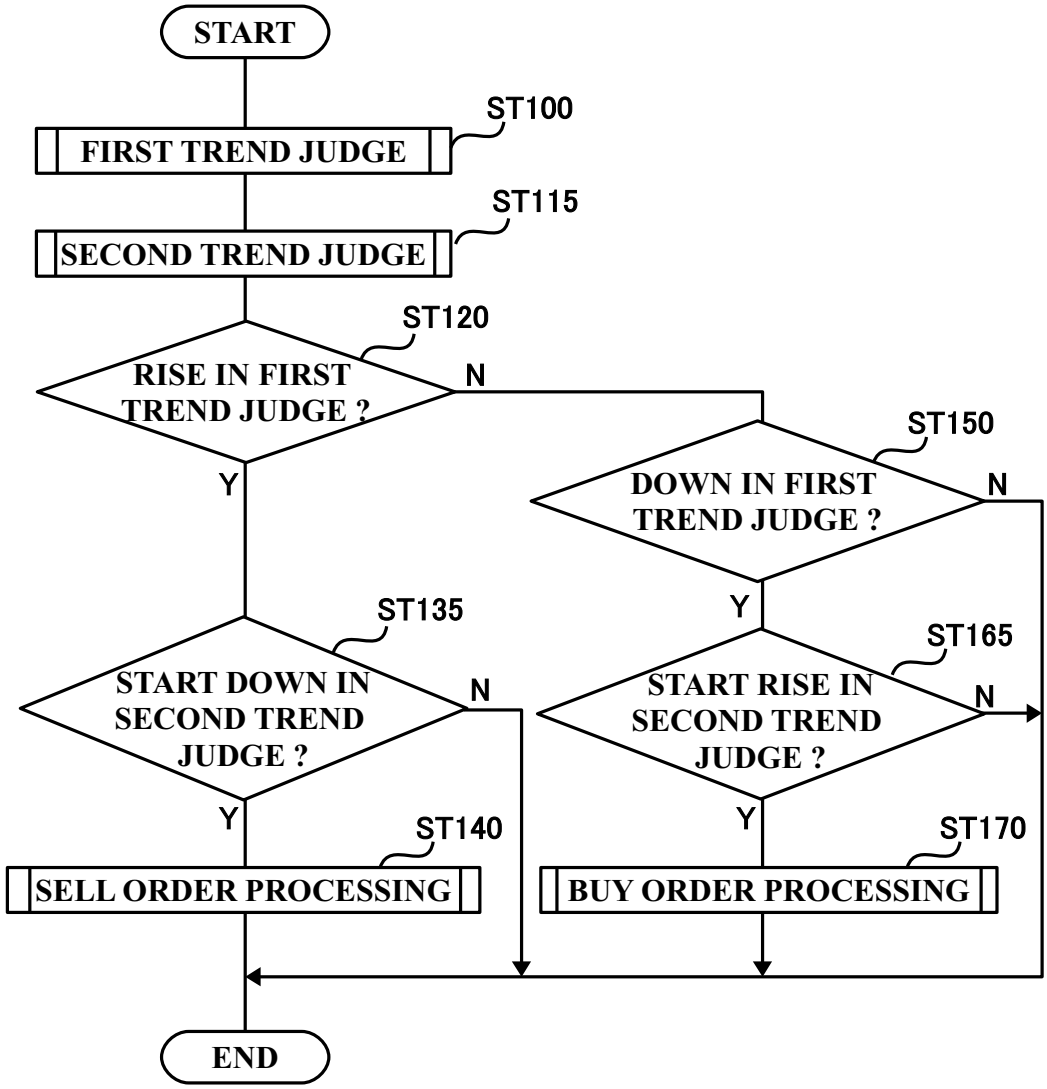

START
ST100
FIRST TREND JUDGE
ST115
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE ?
N
Y
ST150
DOWN IN FIRST TREND JUDGE ?
N
Y
ST135
START DOWN IN SECOND TREND JUDGE ?
N
Y
ST165
START RISE IN SECOND TREND JUDGE ?
N
Y
ST140
SELL ORDER PROCESSING
ST170
BUY ORDER PROCESSING
END

FIG.52

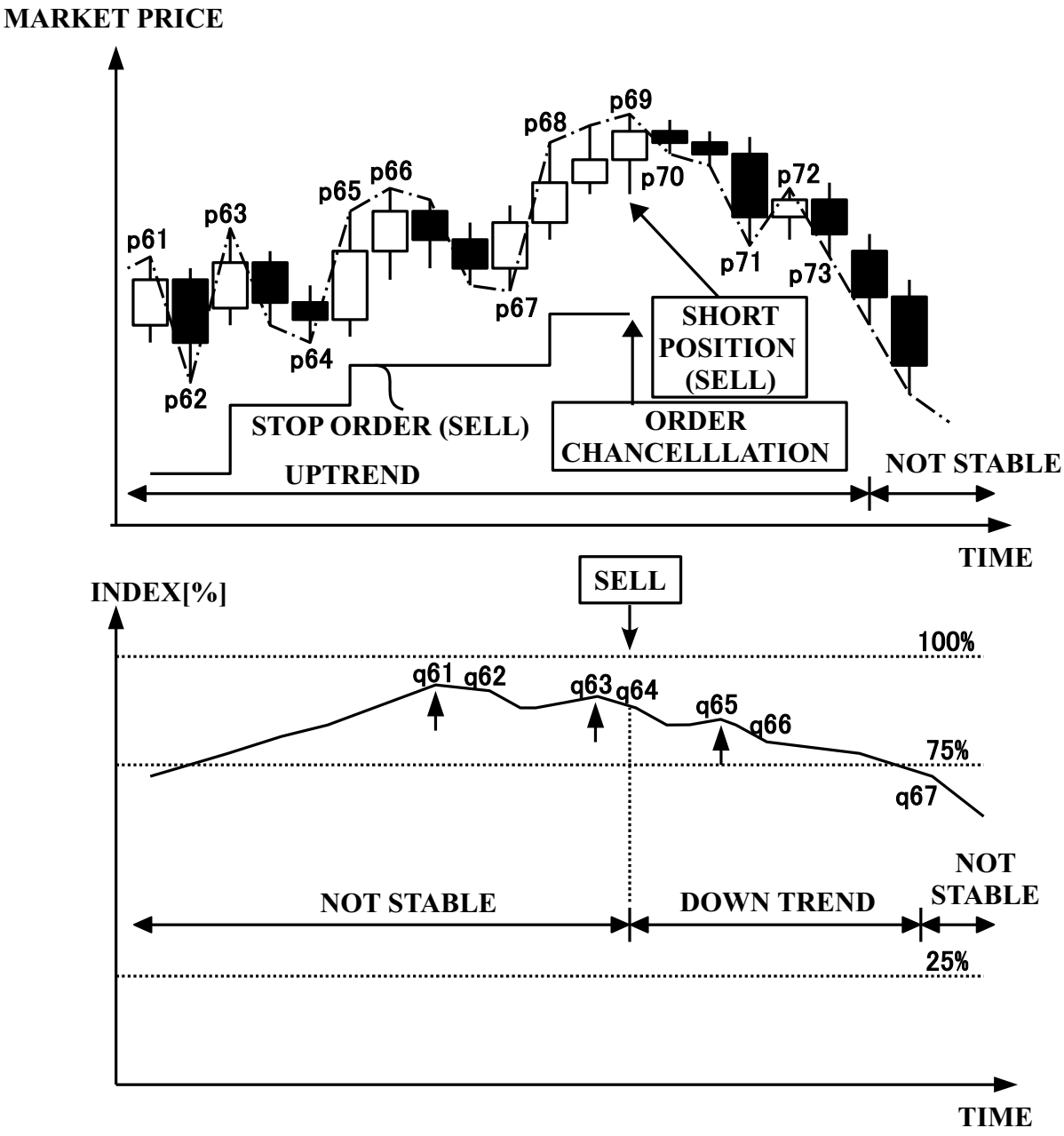

MARKET PRICE
p61
p62
p63
p64
p65
p66
p67
p68
p69
p70
p71
p72
p73
SHORT POSITION (SELL)
ORDER CHANCELLLATION
STOP ORDER (SELL)
UPTREND
NOT STABLE
TIME
INDEX[%]
SELL
100%
q61
q62
q63
q64
q65
q66
75%
q67
NOT STABLE
DOWN TREND
NOT STABLE
25%
TIME

FIG.53

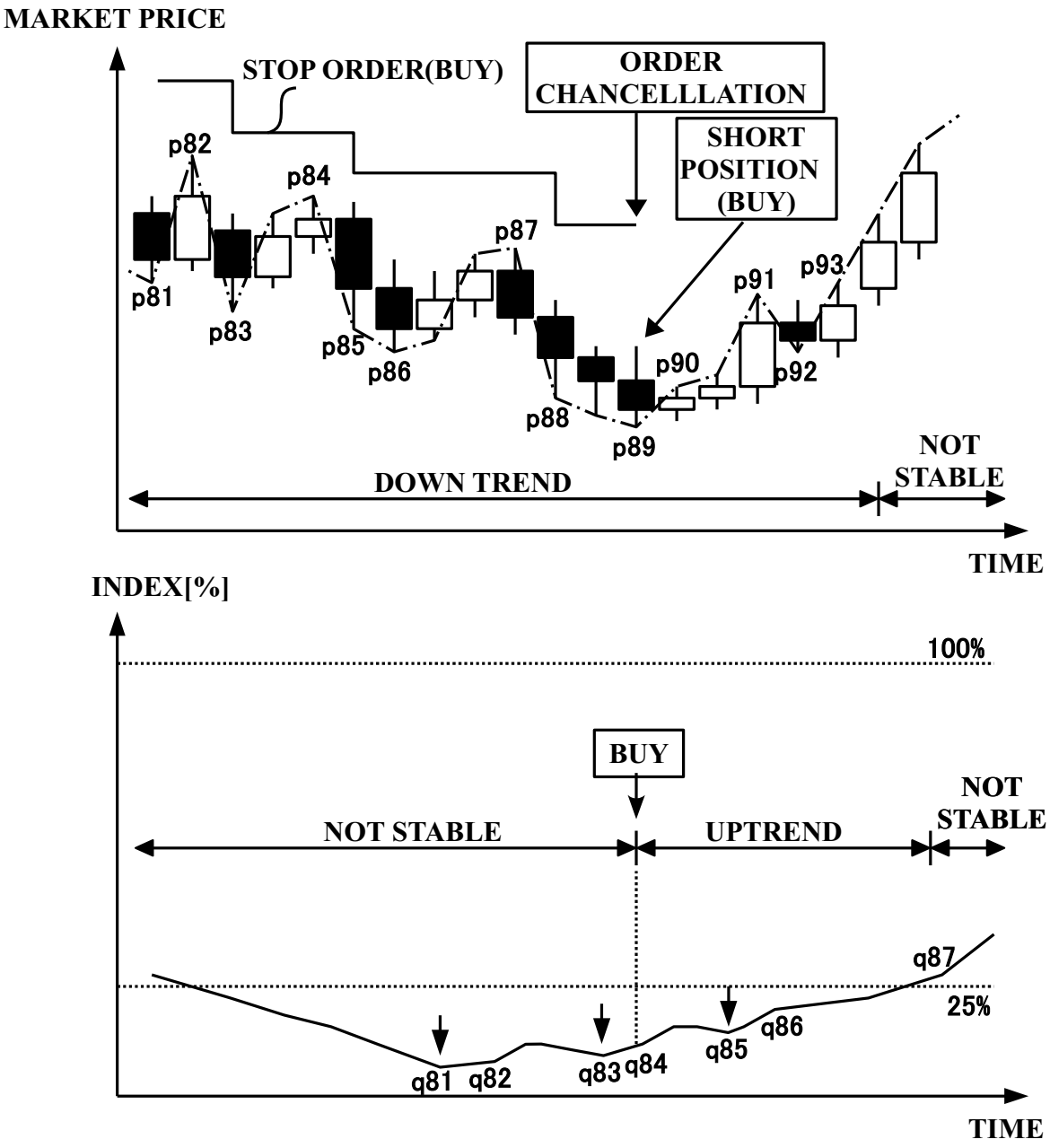

MARKET PRICE
STOP ORDER(BUY)
ORDER CHANCELLLATION
SHORT POSITION (BUY)
p81
p82
p83
p84
p85
p86
p87
p88
p89
p90
p91
p92
p93
DOWN TREND
NOT STABLE
TIME
INDEX[%]
100%
BUY
NOT STABLE
UPTREND
NOT STABLE
q87
25%
q81
q82
q83
q84
q85
q86
TIME

FIG.54

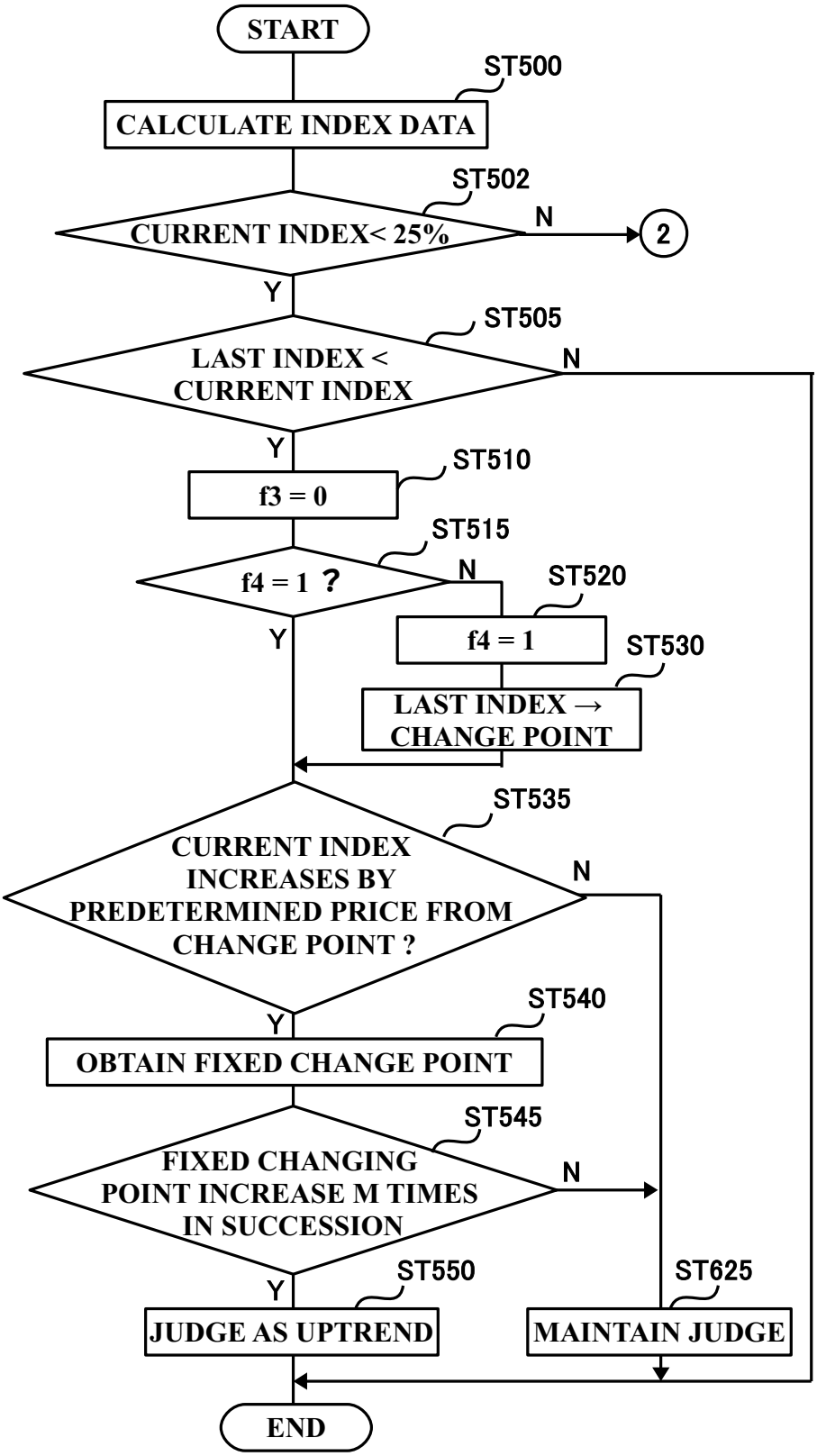

START
ST500
CALCULATE INDEX DATA
ST502
CURRENT INDEX< 25%
N
2
Y
ST505
LAST INDEX < CURRENT INDEX
N
Y
ST510
f3 = 0
ST515
f4 = 1 ?
N
ST520
Y
f4 = 1
ST530
LAST INDEX → CHANGE POINT
ST535
CURRENT INDEX INCREASES BY PREDETERMINED PRICE FROM CHANGE POINT ?
N
ST540
Y
OBTAIN FIXED CHANGE POINT
ST545
FIXED CHANGING POINT INCREASE M TIMES IN SUCCESSION
N
ST550
ST625
Y
JUDGE AS UPTREND
MAINTAIN JUDGE
END

FIG.55

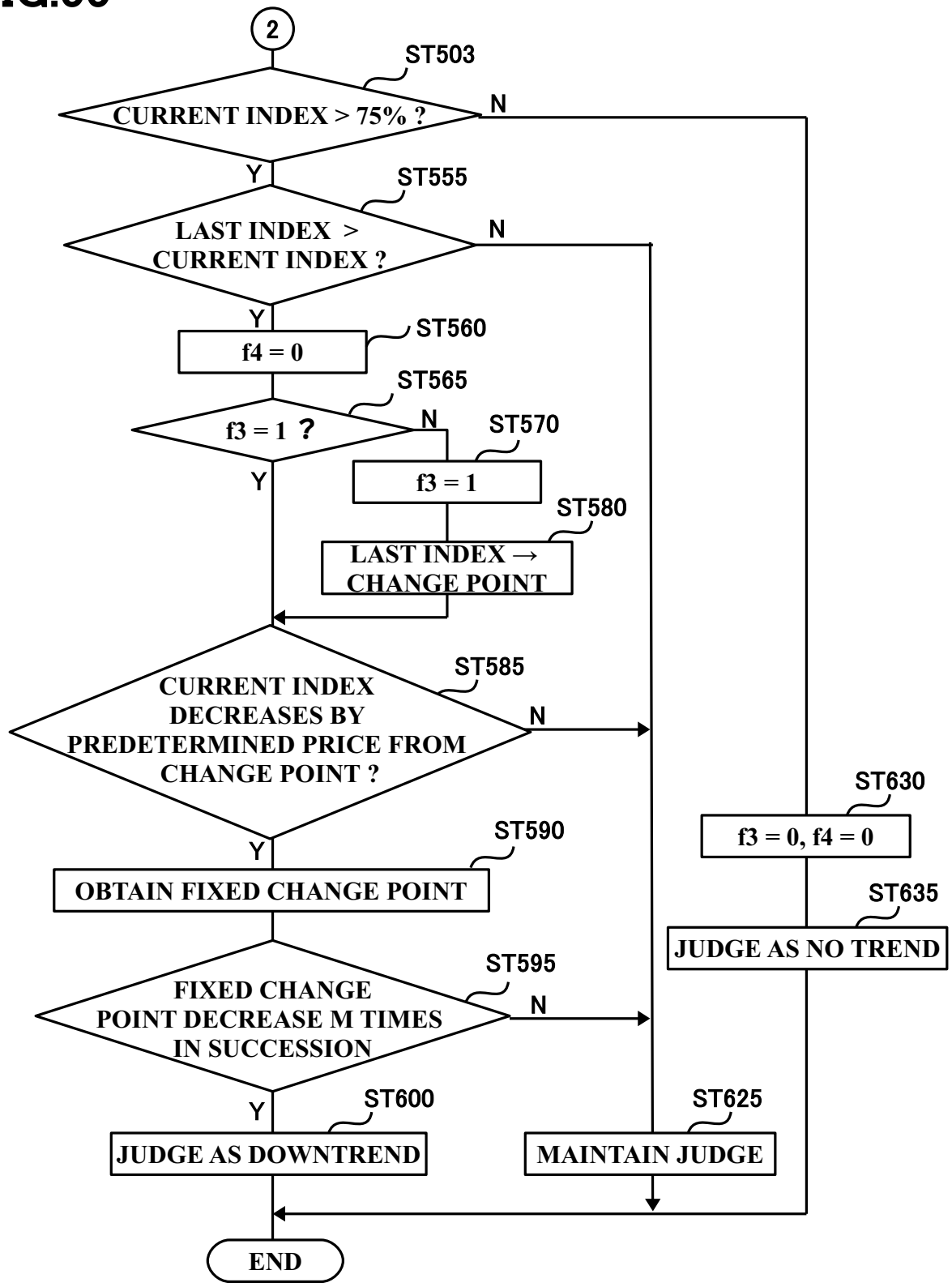

2
ST503
CURRENT INDEX > 75% ?
N
Y
ST555
LAST INDEX > CURRENT INDEX ?
N
Y
ST560
f4 = 0
ST565
f3 = 1 ?
N
ST570
Y
f3 = 1
ST580
LAST INDEX → CHANGE POINT
ST585
CURRENT INDEX DECREASES BY PREDETERMINED PRICE FROM CHANGE POINT ?
N
Y
ST590
OBTAIN FIXED CHANGE POINT
ST595
FIXED CHANGE POINT DECREASE M TIMES IN SUCCESSION
N
Y
ST600
JUDGE AS DOWNTREND
ST625
MAINTAIN JUDGE
ST630
f3 = 0, f4 = 0
ST635
JUDGE AS NO TREND
END

FIG.56

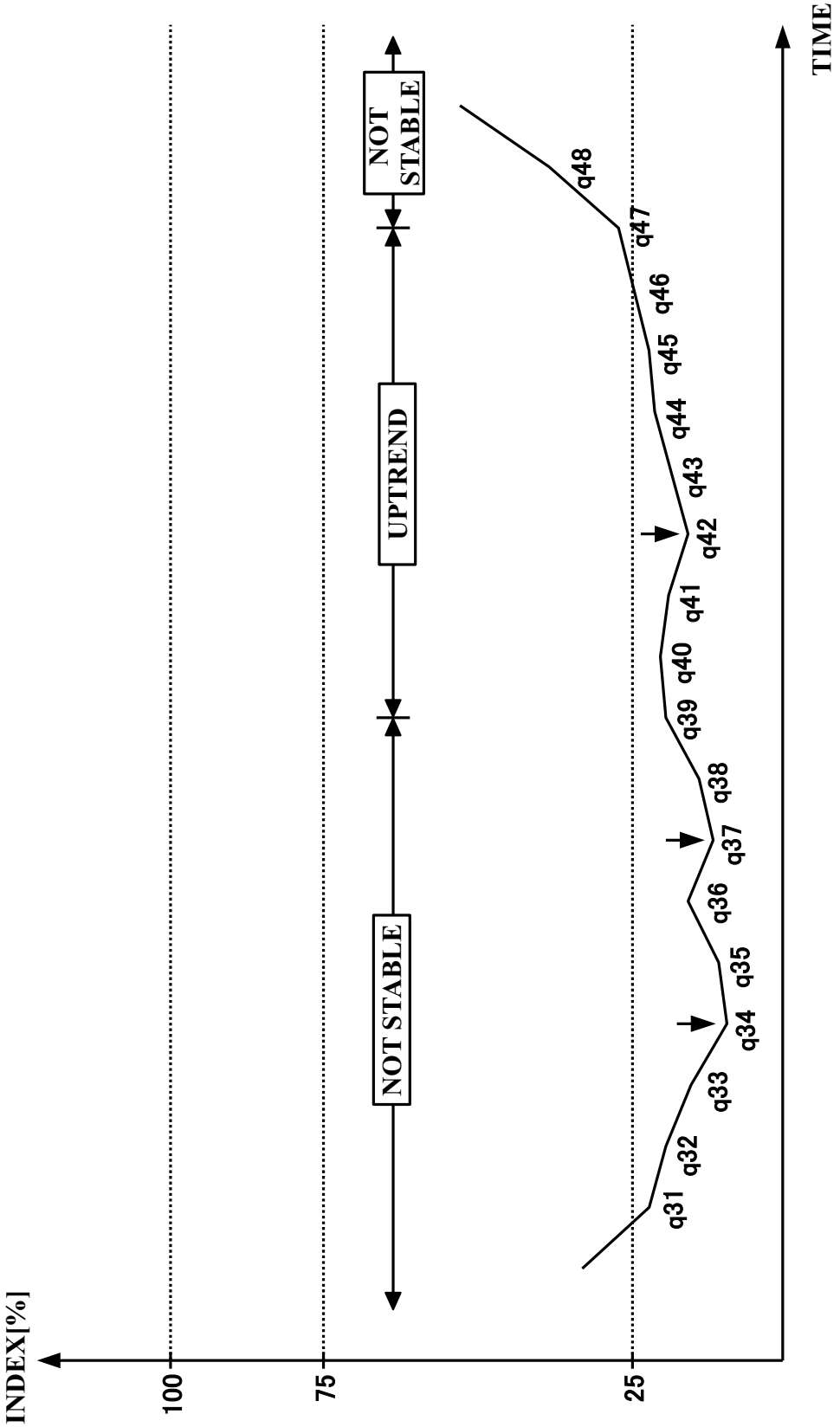

INDEX[%]
100
75
25
TIME
NOT STABLE
UPTREND
NOT STABLE
q31
q32
q33
q34
q35
q36
q37
q38
q39
q40
q41
q42
q43
q44
q45
q46
q47
q48

FIG.57

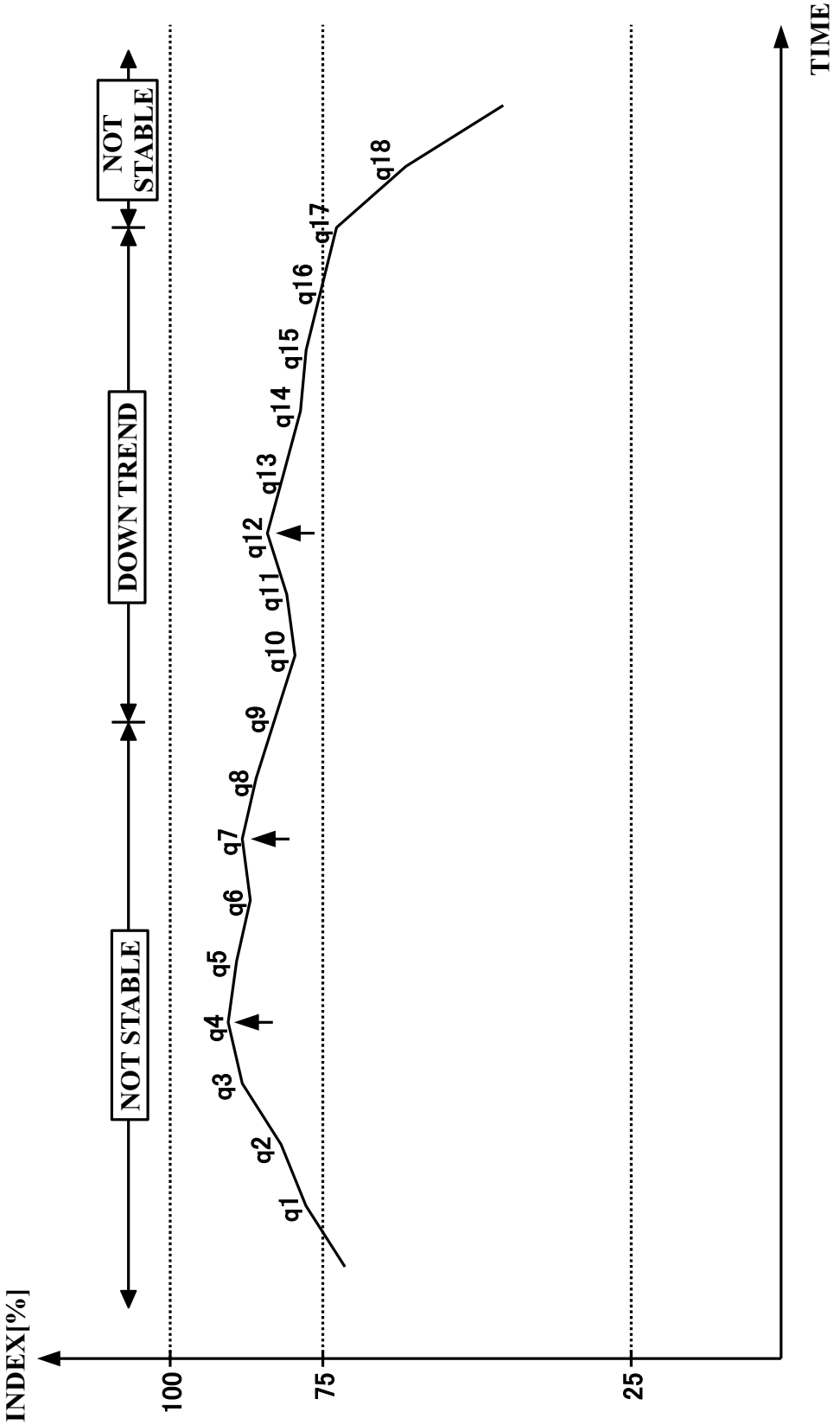

INDEX[%]
100
75
25
TIME
NOT STABLE
DOWN TREND
NOT STABLE
q1
q2
q3
q4
q5
q6
q7
q8
q9
q10
q11
q12
q13
q14
q15
q16
q17
q18

FIG.58

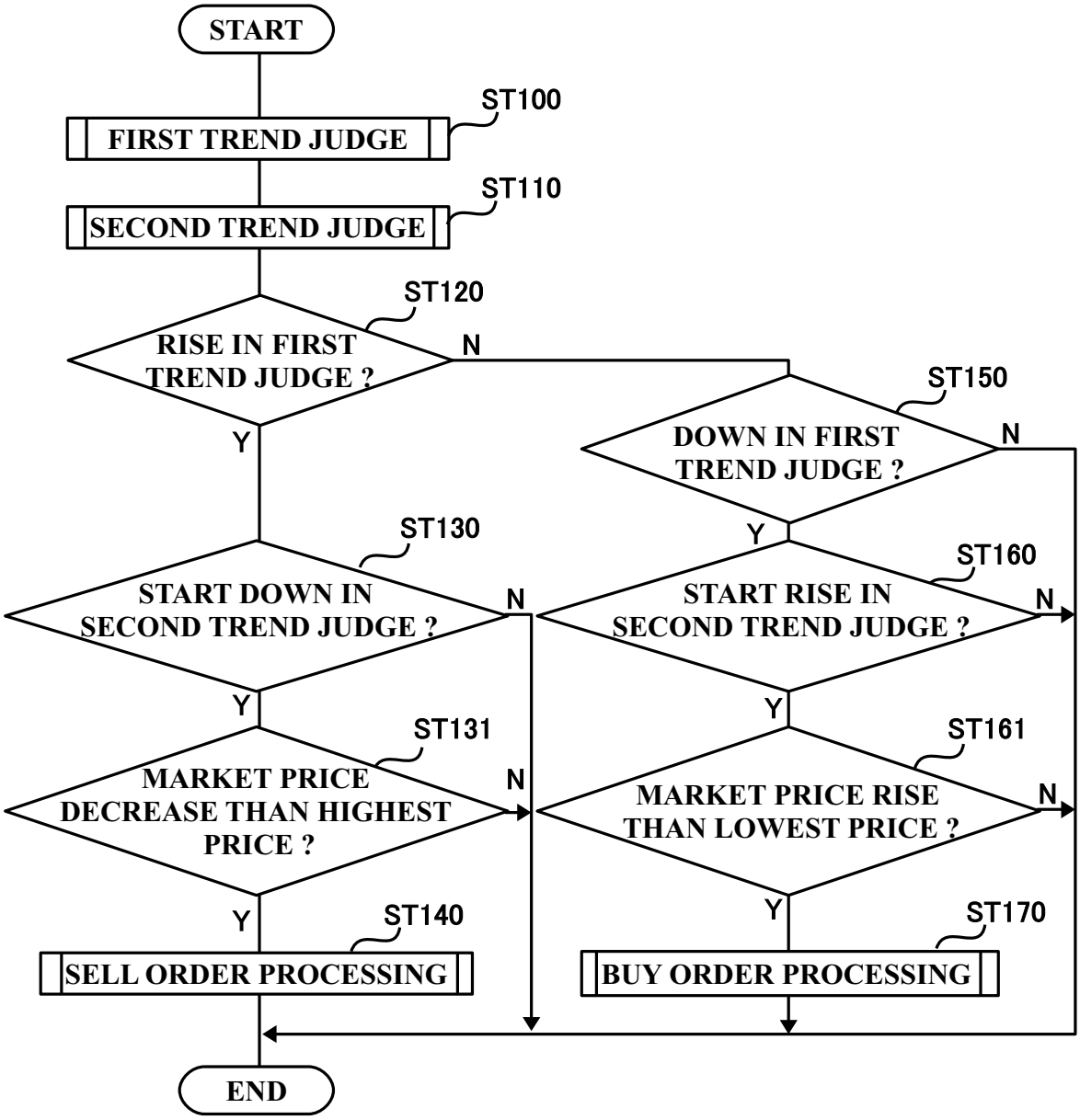

START
ST100
FIRST TREND JUDGE
ST110
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE ?
N
Y
ST150
DOWN IN FIRST TREND JUDGE ?
N
Y
ST130
START DOWN IN SECOND TREND JUDGE ?
N
Y
ST160
START RISE IN SECOND TREND JUDGE ?
N
Y
ST131
MARKET PRICE DECREASE THAN HIGHEST PRICE ?
N
Y
ST161
MARKET PRICE RISE THAN LOWEST PRICE ?
N
Y
ST140
SELL ORDER PROCESSING
ST170
BUY ORDER PROCESSING
END

FIG.59

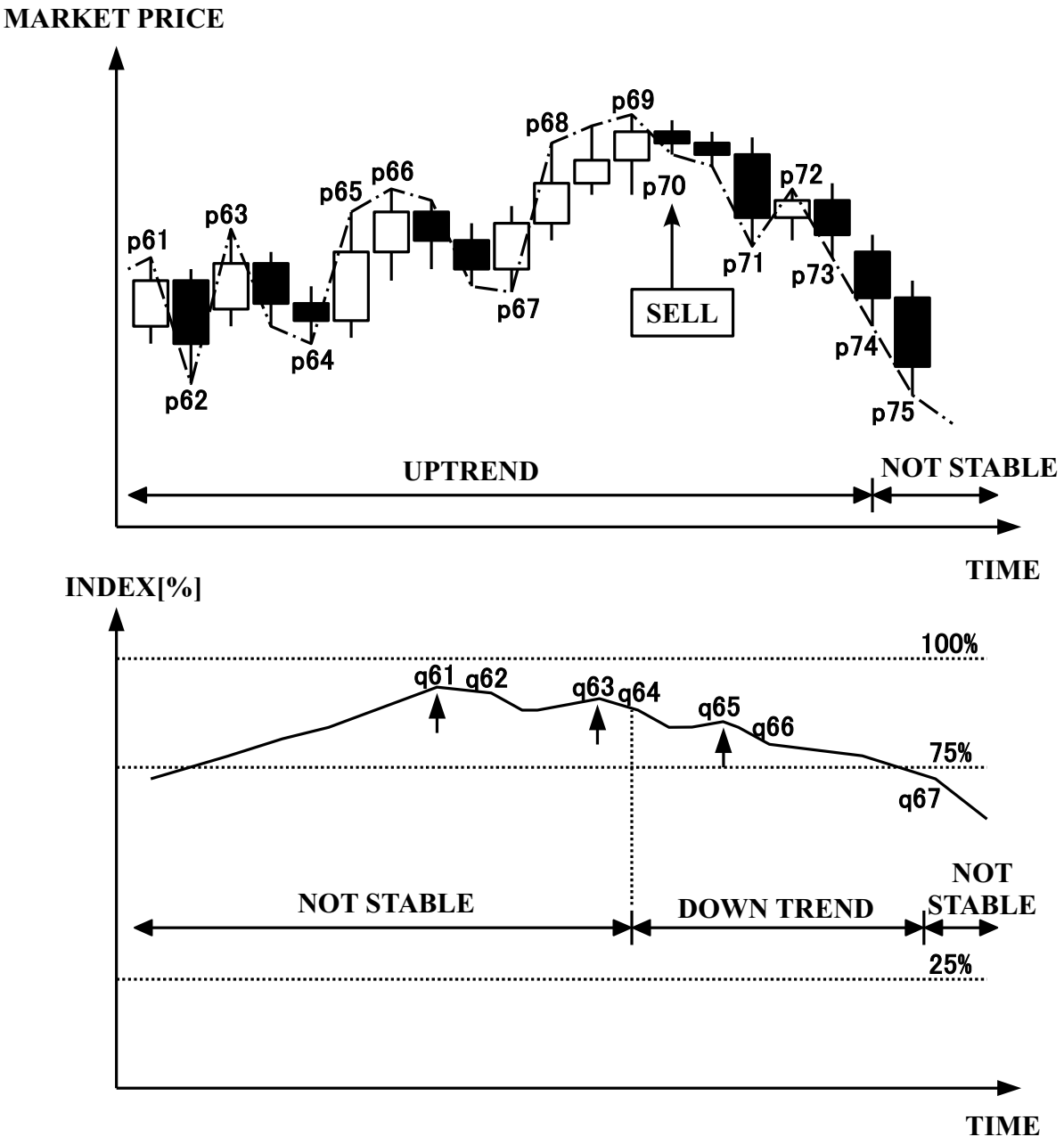

MARKET PRICE
p61
p62
p63
p64
p65
p66
p67
p68
p69
p70
SELL
p71
p72
p73
p74
p75
UPTREND
NOT STABLE
TIME
INDEX[%]
100%
q61
q62
q63
q64
q65
q66
75%
q67
NOT STABLE
DOWN TREND
NOT STABLE
25%
TIME

FIG.60

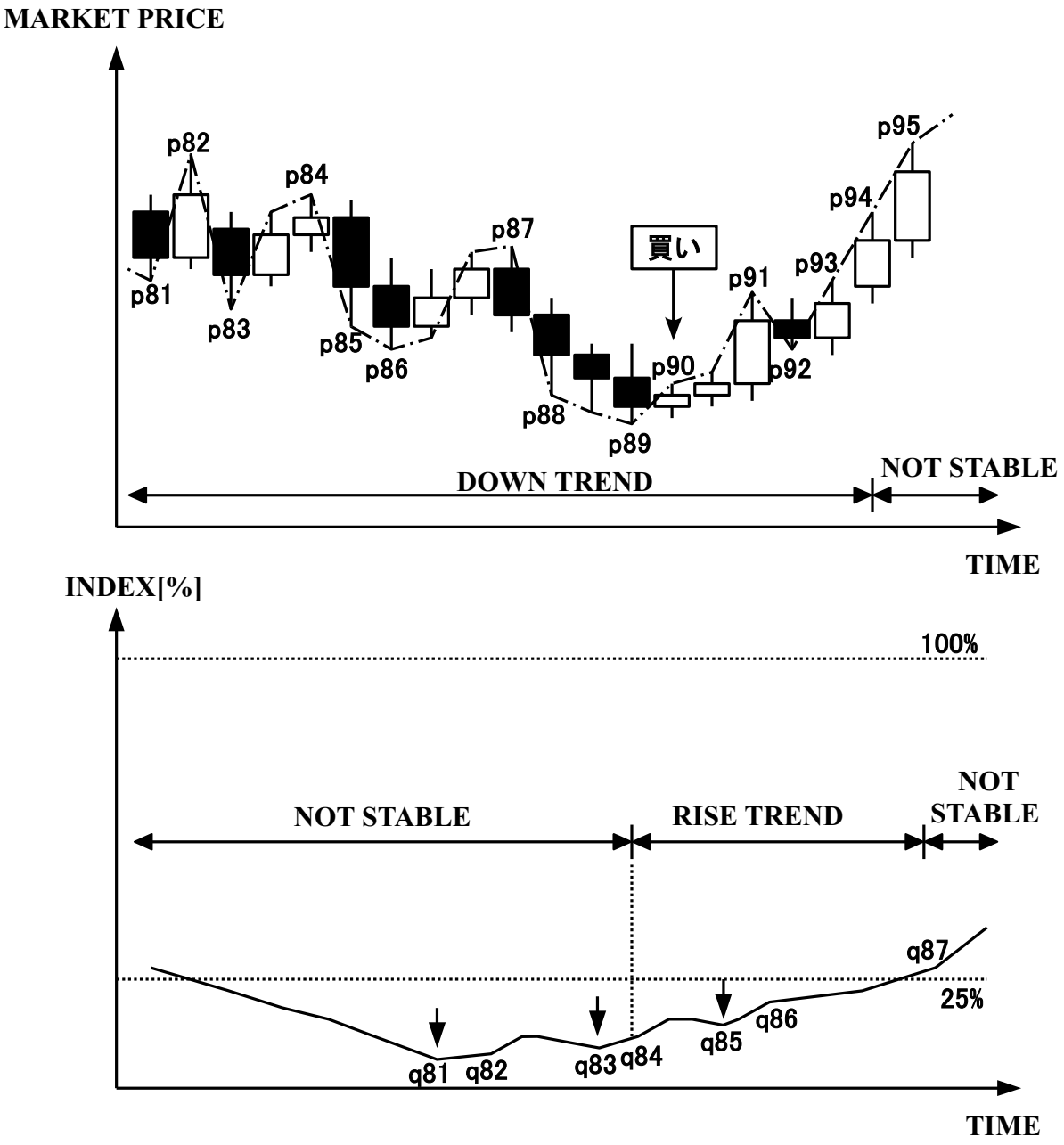

MARKET PRICE
p81
p82
p83
p84
p85
p86
p87
p88
p89
買い
p90
p91
p92
p93
p94
p95
DOWN TREND
NOT STABLE
TIME
INDEX[%]
100%
NOT STABLE
RISE TREND
NOT STABLE
q87
25%
q81
q82
q83
q84
q85
q86
TIME

FIG.61

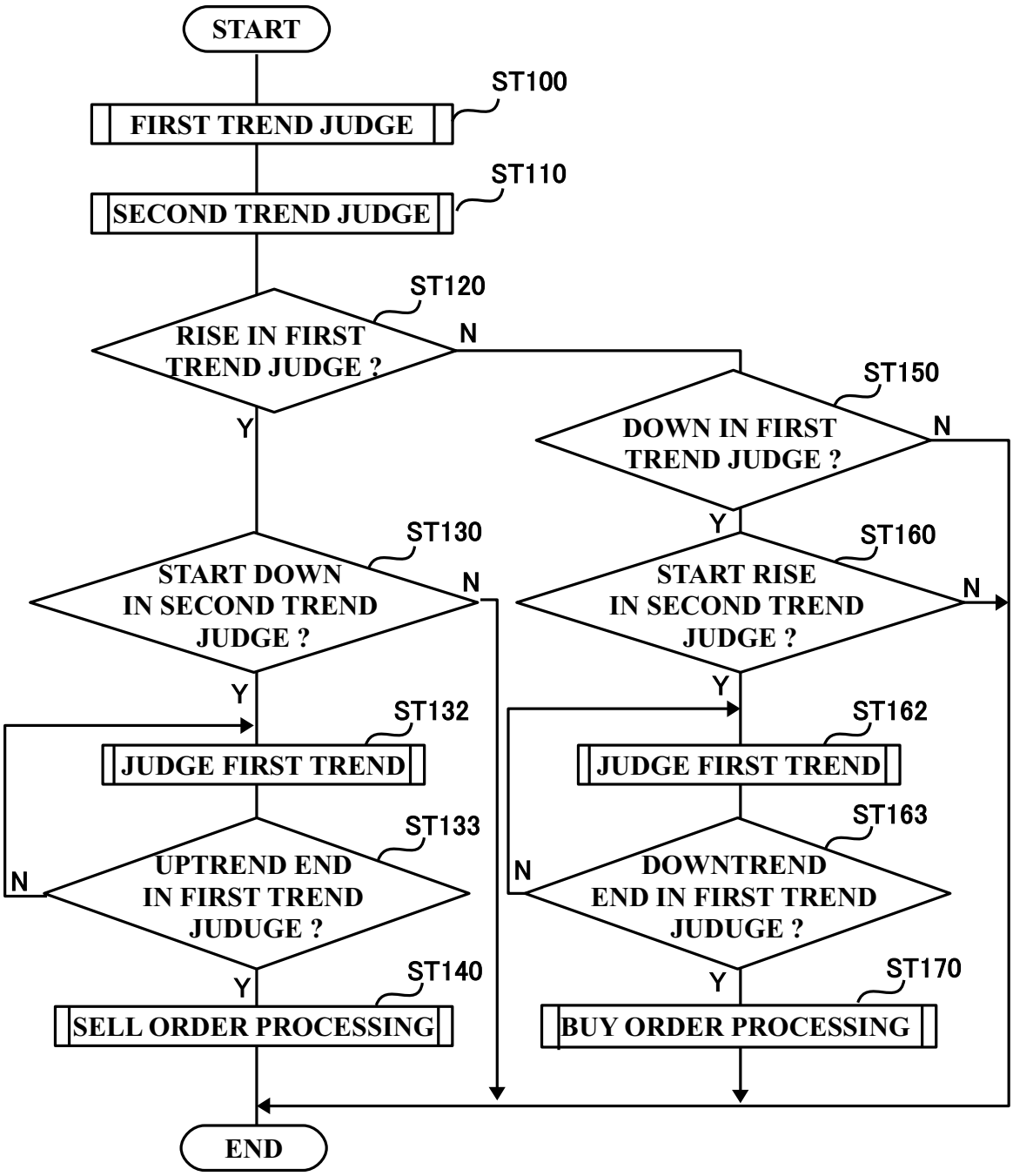

START
ST100
FIRST TREND JUDGE
ST110
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE ?
N
Y
ST150
DOWN IN FIRST TREND JUDGE ?
N
Y
ST130
START DOWN IN SECOND TREND JUDGE ?
N
Y
ST160
START RISE IN SECOND TREND JUDGE ?
N
Y
ST132
JUDGE FIRST TREND
ST162
JUDGE FIRST TREND
ST133
UPTREND END IN FIRST TREND JUDUGE ?
N
Y
ST163
DOWNTREND END IN FIRST TREND JUDUGE ?
N
Y
ST140
SELL ORDER PROCESSING
ST170
BUY ORDER PROCESSING
END

FIG.62

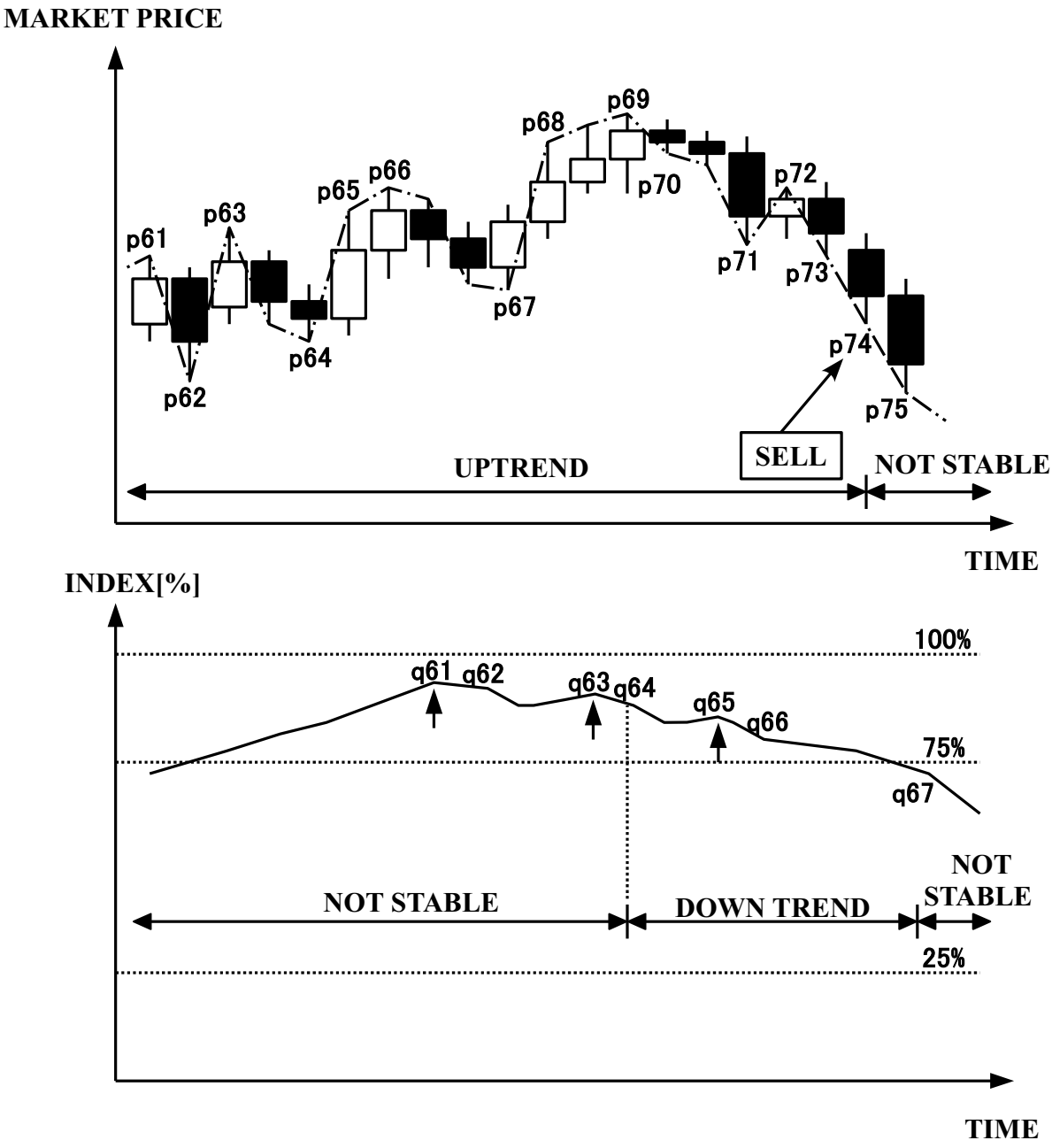

MARKET PRICE
p61
p62
p63
p64
p65
p66
p67
p68
p69
p70
p71
p72
p73
p74
p75
SELL
UPTREND
NOT STABLE
TIME
INDEX[%]
100%
75%
25%
q61
q62
q63
q64
q65
q66
q67
NOT STABLE
DOWN TREND
NOT STABLE
TIME

FIG.63

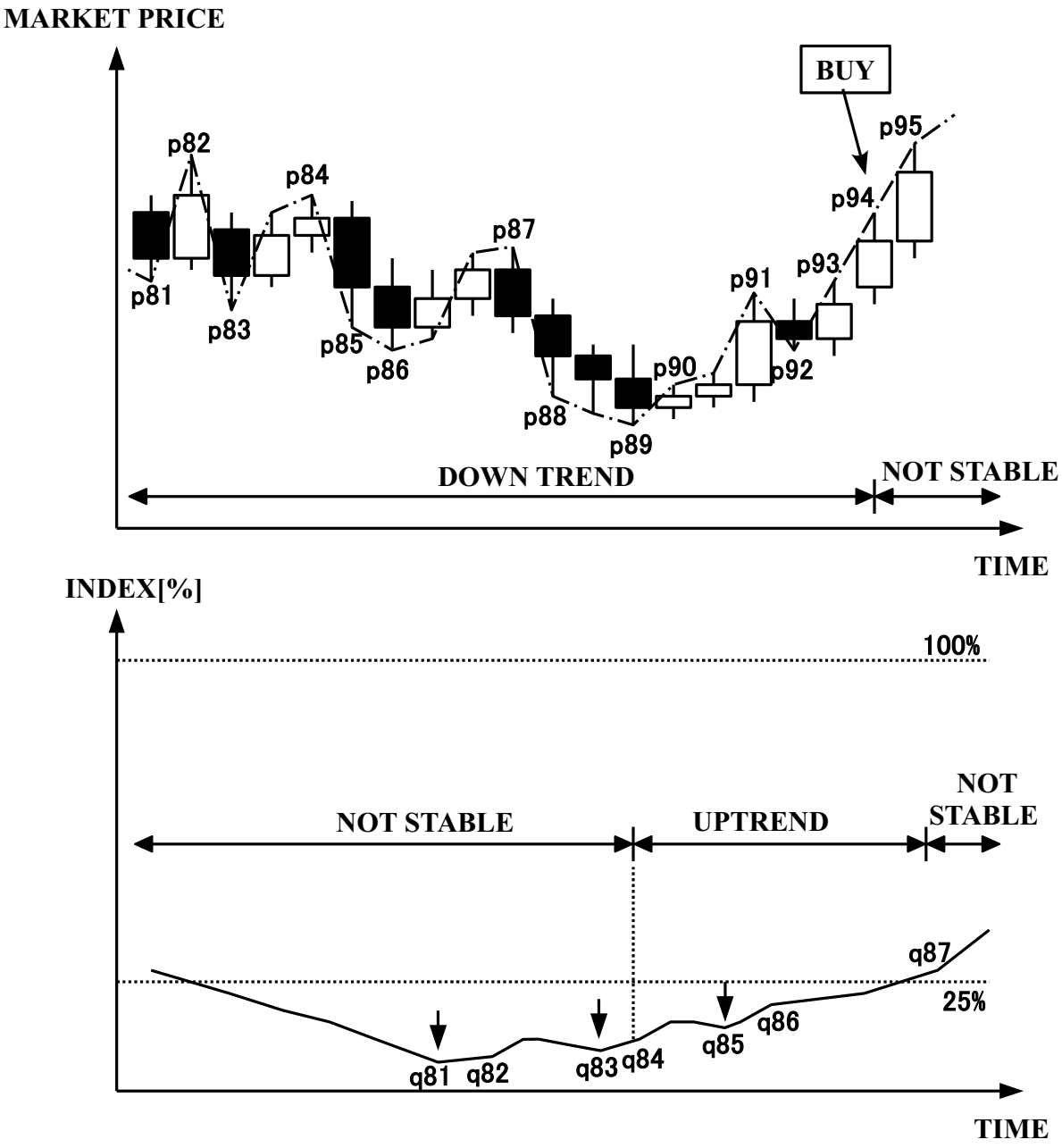

MARKET PRICE
BUY
p81
p82
p83
p84
p85
p86
p87
p88
p89
p90
p91
p92
p93
p94
p95
DOWN TREND
NOT STABLE
TIME
INDEX[%]
100%
NOT STABLE
UPTREND
NOT STABLE
q87
25%
q81
q82
q83
q84
q85
q86
TIME

FIG.64

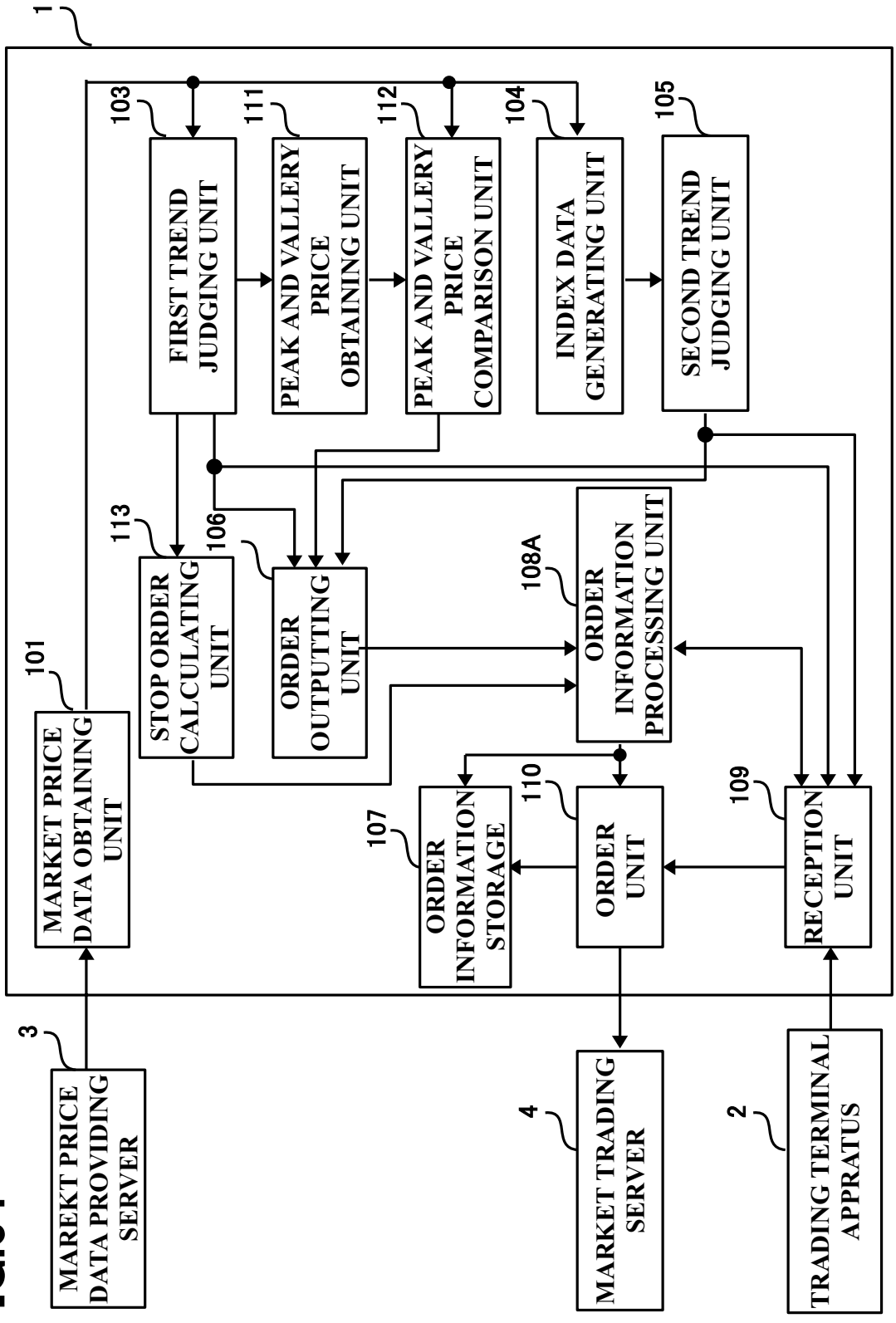

1
MAREKT PRICE DATA PROVIDING SERVER
3
MARKET TRADING SERVER
4
TRADING TERMINAL APPRATUS
2
MARKET PRICE DATA OBTAINING UNIT
101
FIRST TREND JUDGING UNIT
103
PEAK AND VALLERY PRICE OBTAINING UNIT
111
PEAK AND VALLERY PRICE COMPARISON UNIT
112
INDEX DATA GENERATING UNIT
104
SECOND TREND JUDGING UNIT
105
STOP ORDER CALCULATING UNIT
113
ORDER OUTPUTTING UNIT
106
ORDER INFORMATION PROCESSING UNIT
108A
ORDER INFORMATION STORAGE
107
ORDER UNIT
110
RECEPTION UNIT
109

FIG.65

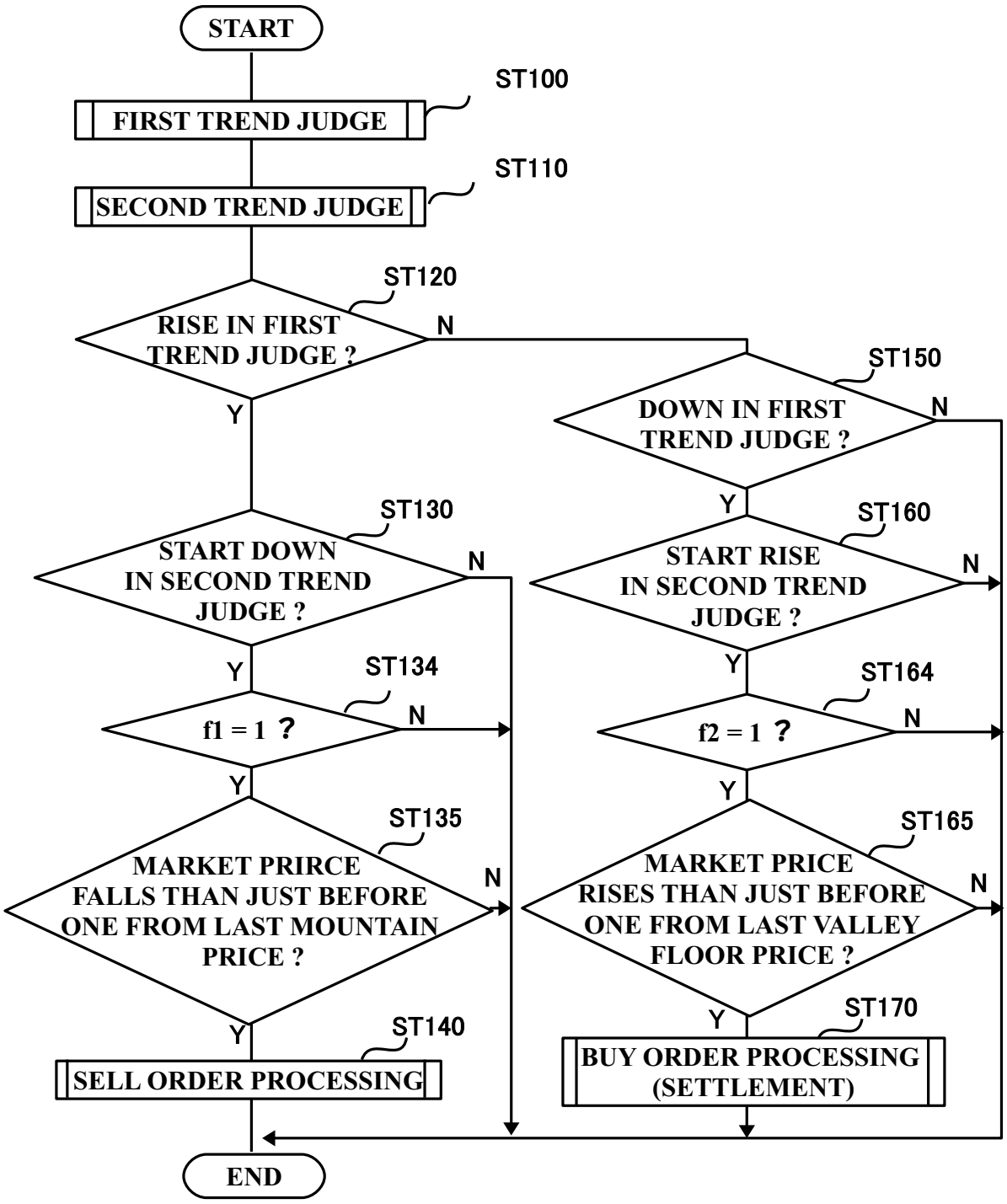

START
ST100
FIRST TREND JUDGE
ST110
SECOND TREND JUDGE
ST120
RISE IN FIRST TREND JUDGE ?
N
Y
ST150
DOWN IN FIRST TREND JUDGE ?
N
Y
ST130
START DOWN IN SECOND TREND JUDGE ?
N
Y
ST160
START RISE IN SECOND TREND JUDGE ?
N
Y
ST134
f1 = 1 ?
N
Y
ST164
f2 = 1 ?
N
Y
ST135
MARKET PRIRCE FALLS THAN JUST BEFORE ONE FROM LAST MOUNTAIN PRICE ?
N
Y
ST165
MARKET PRICE RISES THAN JUST BEFORE ONE FROM LAST VALLEY FLOOR PRICE ?
N
Y
ST140
SELL ORDER PROCESSING
ST170
BUY ORDER PROCESSING (SETTLEMENT)
END

FIG.66

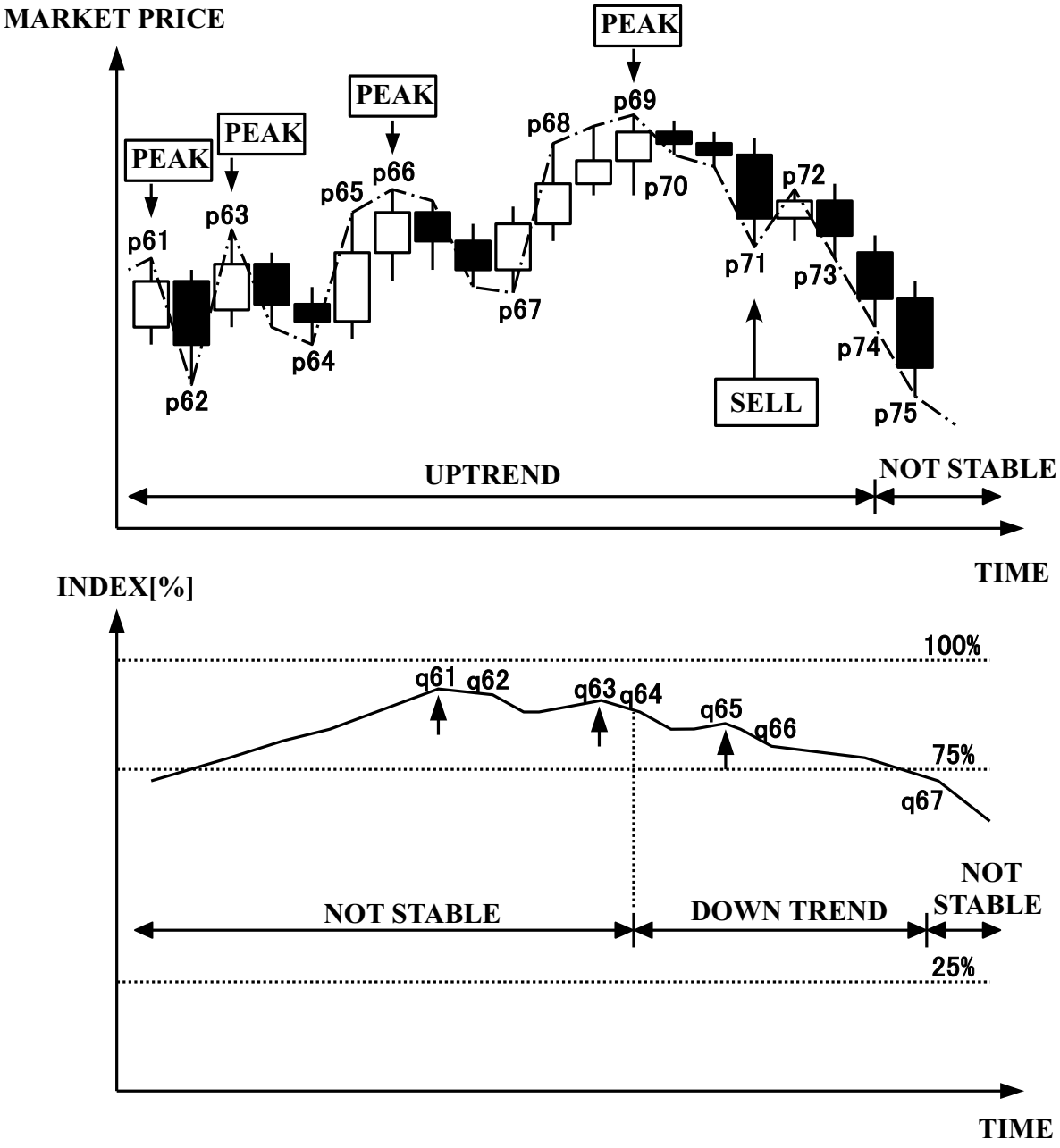

MARKET PRICE
PEAK
PEAK
PEAK
PEAK
PEAK
p61
p62
p63
p64
p65
p66
p67
p68
p69
p70
p71
p72
p73
p74
p75
SELL
UPTREND
NOT STABLE
TIME
INDEX[%]
100%
75%
25%
q61
q62
q63
q64
q65
q66
q67
NOT STABLE
DOWN TREND
NOT STABLE
TIME

FIG.67

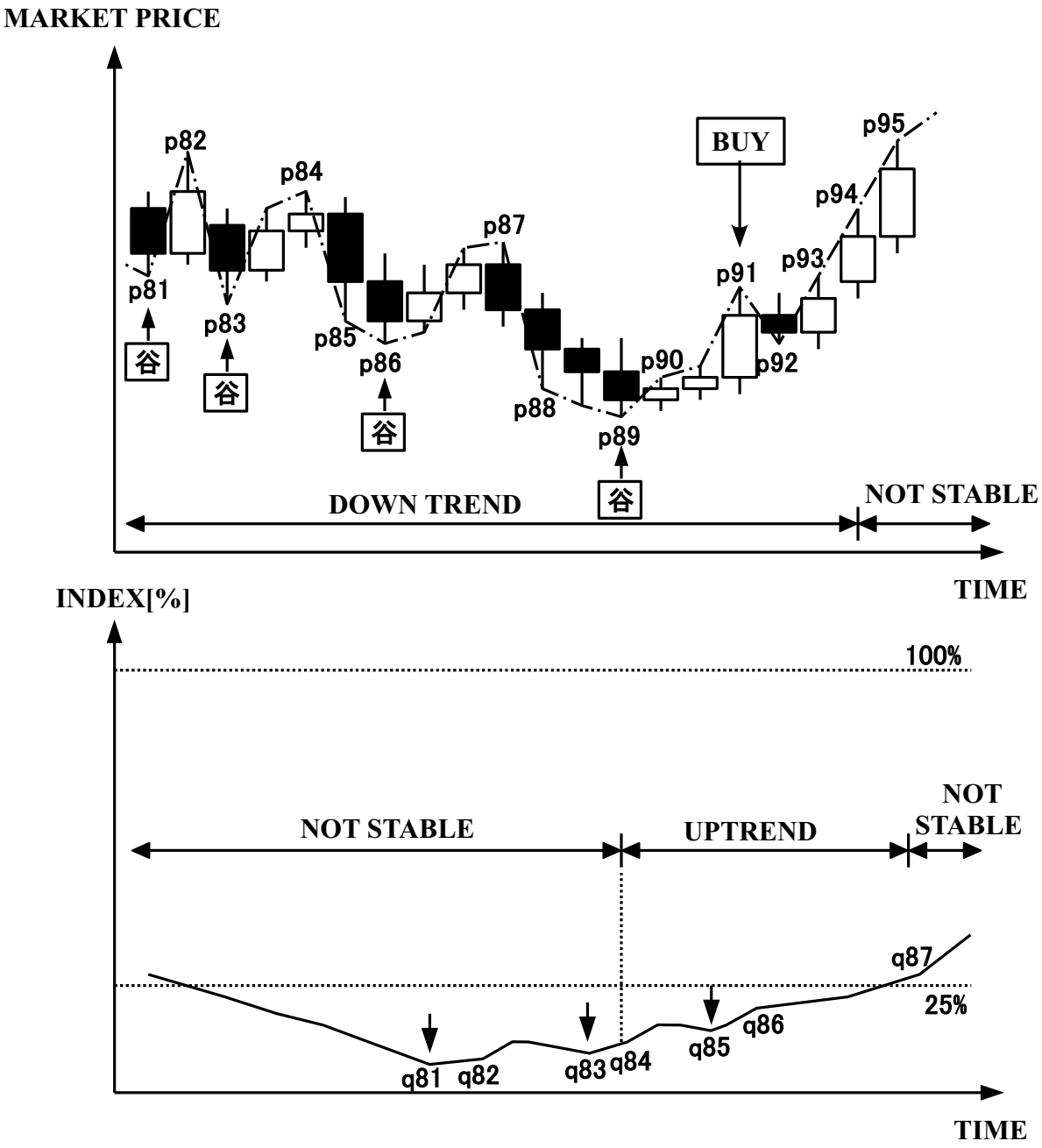

MARKET PRICE
p81
p82
p83
p84
p85
p86
p87
p88
p89
p90
p91
p92
p93
p94
p95
BUY
谷
谷
谷
谷
DOWN TREND
NOT STABLE
TIME
INDEX[%]
100%
NOT STABLE
UPTREND
NOT STABLE
q87
25%
q81
q82
q83
q84
q85
q86
TIME

FIG.68

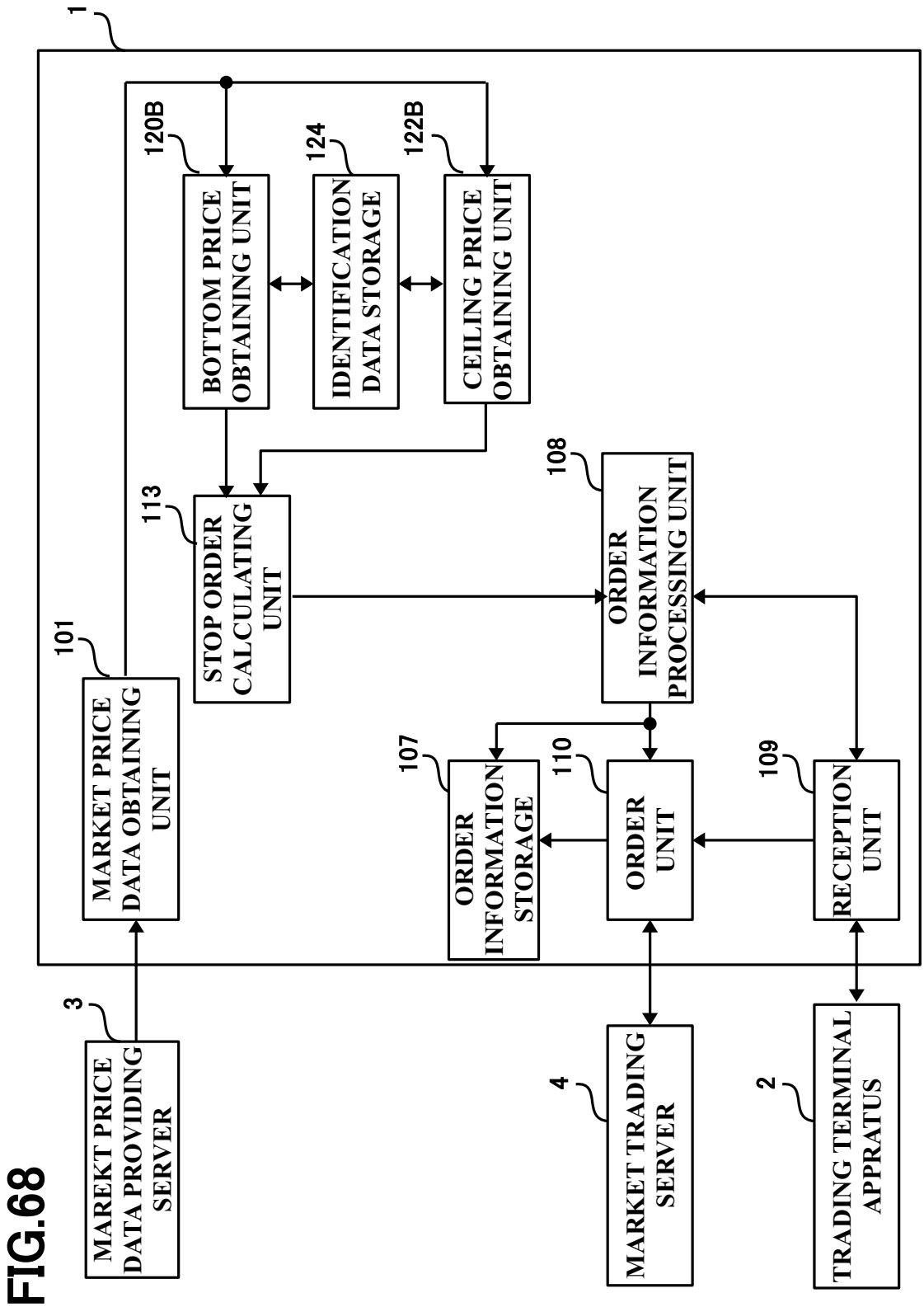

1
120B
124
122B
BOTTOM PRICE OBTAINING UNIT
IDENTIFICATION DATA STORAGE
CEILING PRICE OBTAINING UNIT
113
STOP ORDER CALCULATING UNIT
108
ORDER INFORMATION PROCESSING UNIT
101
MARKET PRICE DATA OBTAINING UNIT
107
ORDER INFORMATION STORAGE
110
ORDER UNIT
109
RECEPTION UNIT
3
MAREKT PRICE DATA PROVIDING SERVER
4
MARKET TRADING SERVER
2
TRADING TERMINAL APPRATUS

FIG.69

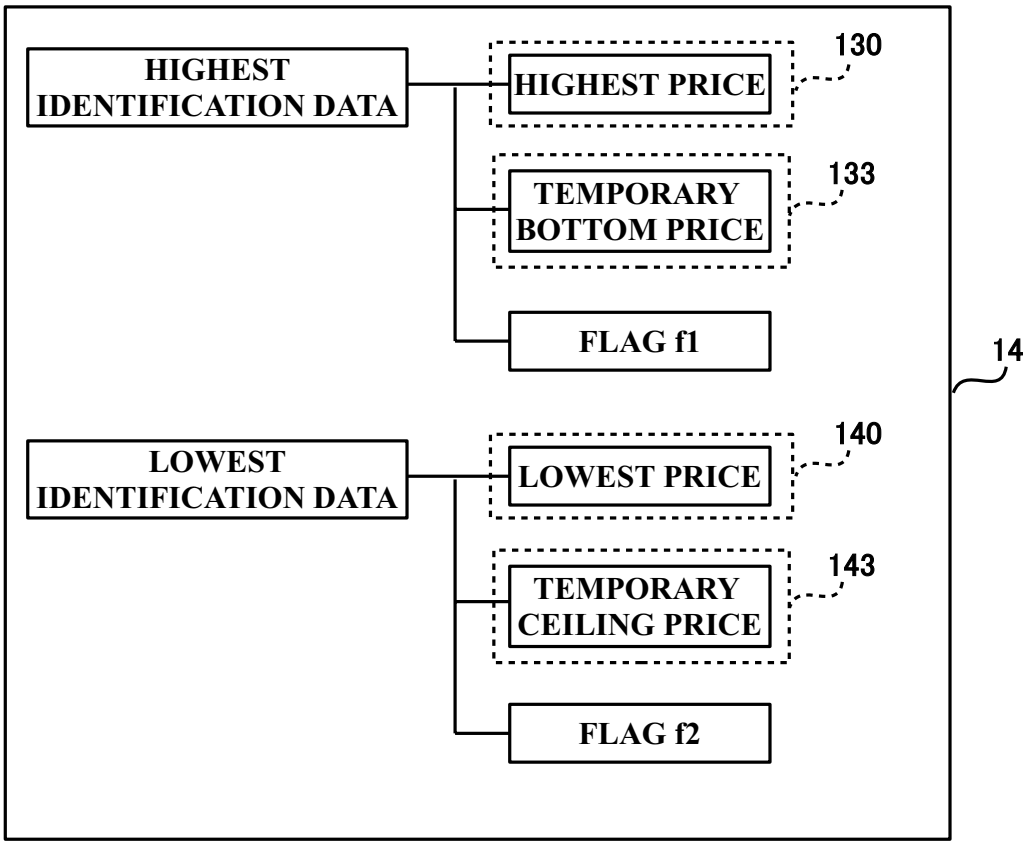

HIGHEST IDENTIFICATION DATA
HIGHEST PRICE
130
TEMPORARY BOTTOM PRICE
133
FLAG f1
14
LOWEST IDENTIFICATION DATA
LOWEST PRICE
140
TEMPORARY CEILING PRICE
143
FLAG f2

FIG.70

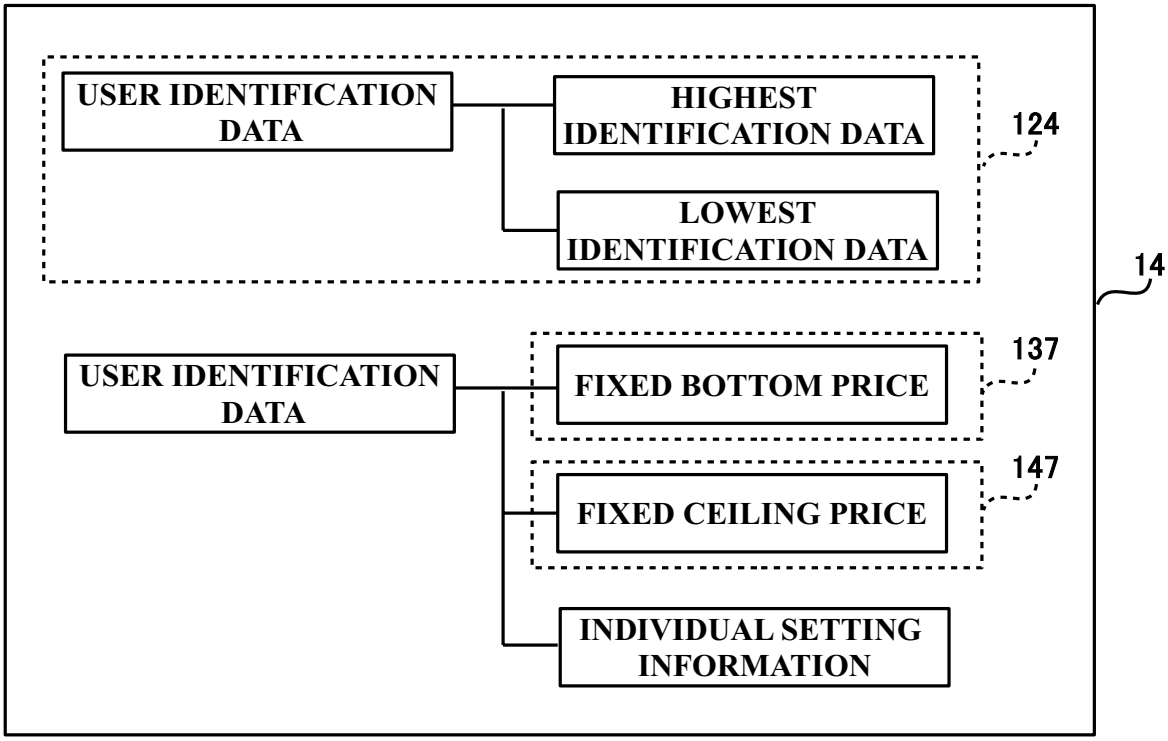

USER IDENTIFICATION DATA
HIGHEST IDENTIFICATION DATA
LOWEST IDENTIFICATION DATA
124
14
USER IDENTIFICATION DATA
FIXED BOTTOM PRICE
137
FIXED CEILING PRICE
147
INDIVIDUAL SETTING INFORMATION

FIG.71

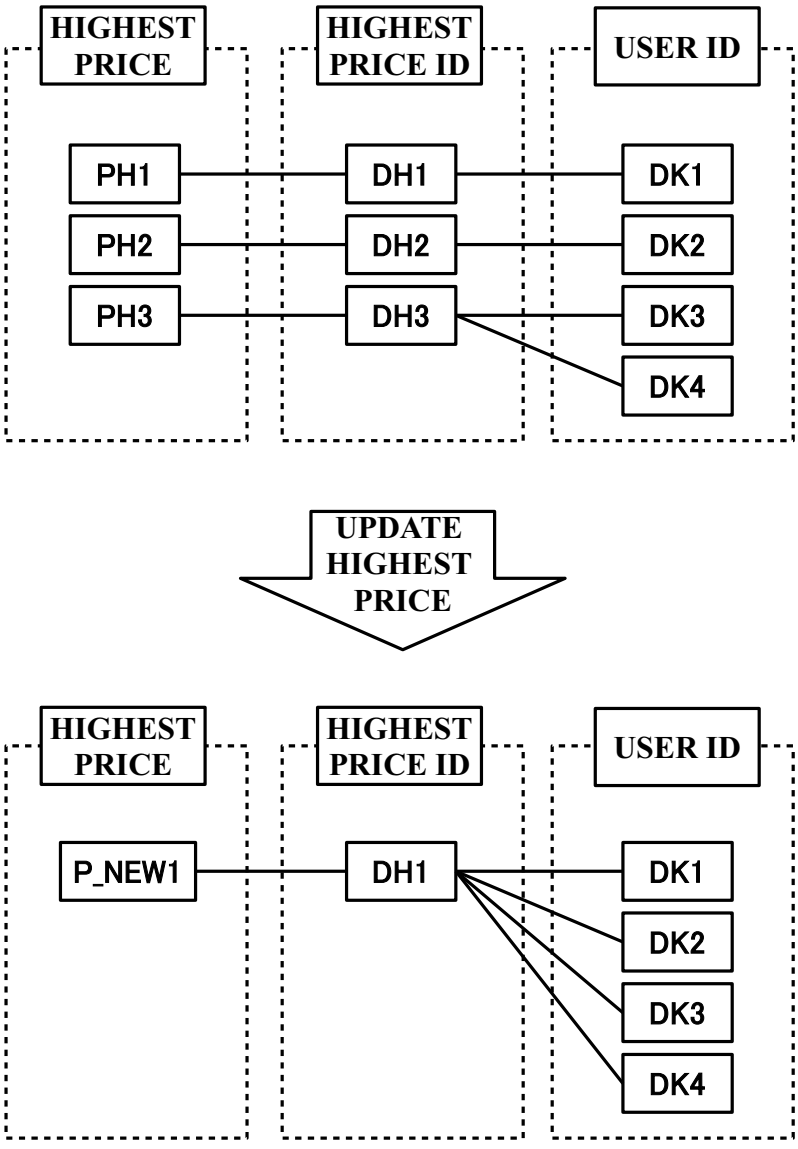

HIGHEST PRICE
HIGHEST PRICE ID
USER ID
PH1
PH2
PH3
DH1
DH2
DH3
DK1
DK2
DK3
DK4
UPDATE HIGHEST PRICE
HIGHEST PRICE
HIGHEST PRICE ID
USER ID
P_NEW1
DH1
DK1
DK2
DK3
DK4

FIG.72

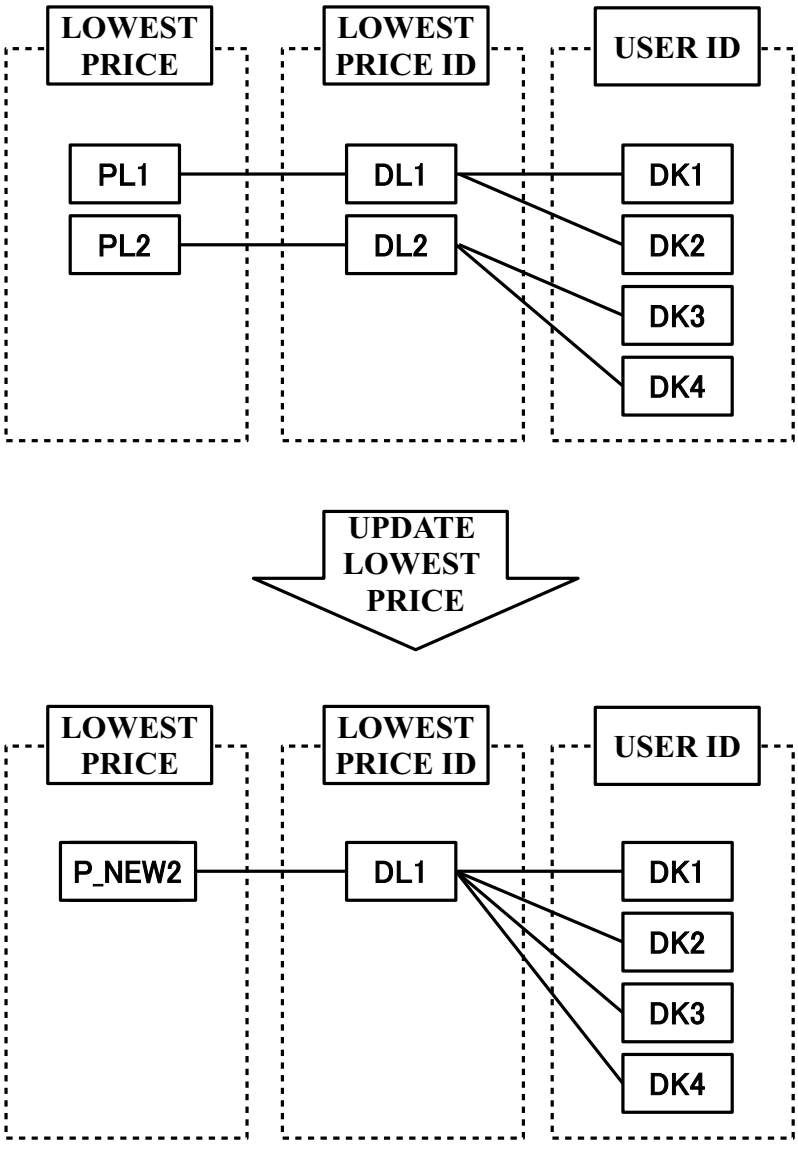

LOWEST PRICE
LOWEST PRICE ID
USER ID
PL1
PL2
DL1
DL2
DK1
DK2
DK3
DK4
UPDATE LOWEST PRICE
LOWEST PRICE
LOWEST PRICE ID
USER ID
P_NEW2
DL1
DK1
DK2
DK3
DK4

FIG.73

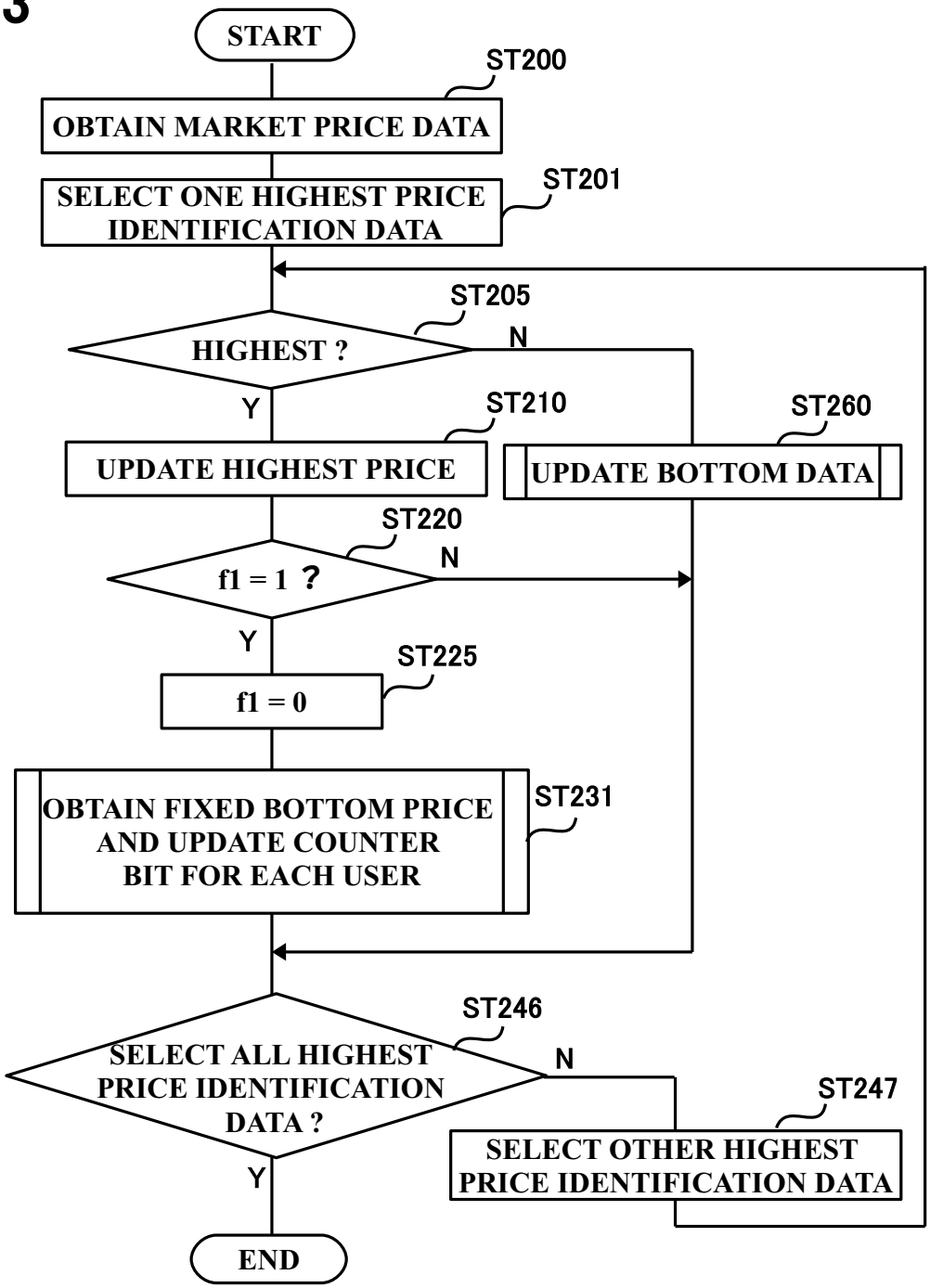

START
ST200
OBTAIN MARKET PRICE DATA
SELECT ONE HIGHEST PRICE IDENTIFICATION DATA
ST201
ST205
HIGHEST ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST260
UPDATE BOTTOM DATA
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
OBTAIN FIXED BOTTOM PRICE AND UPDATE COUNTER BIT FOR EACH USER
ST231
ST246
SELECT ALL HIGHEST PRICE IDENTIFICATION DATA ?
N
ST247
SELECT OTHER HIGHEST PRICE IDENTIFICATION DATA
Y
END

FIG.74

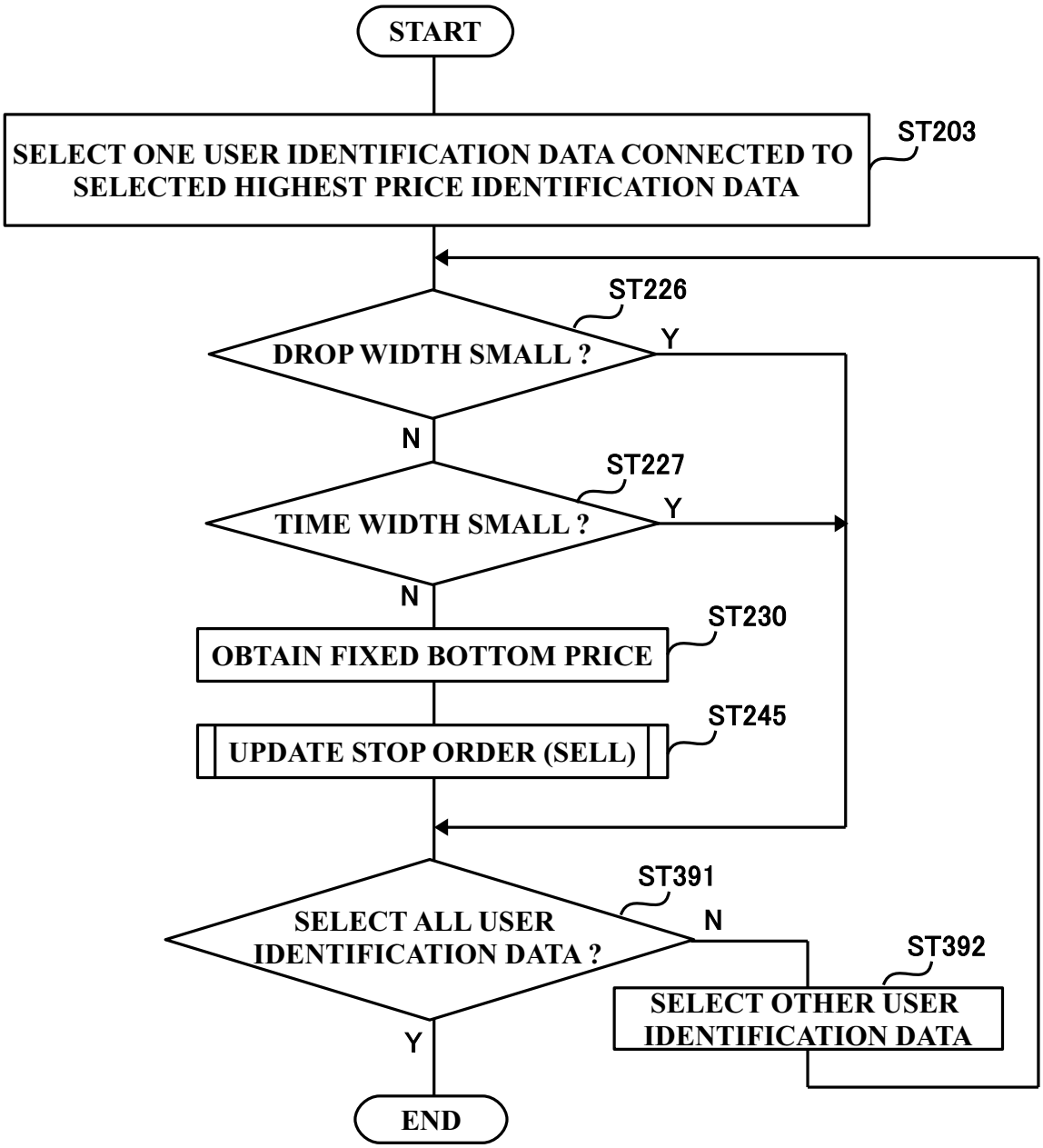

START
SELECT ONE USER IDENTIFICATION DATA CONNECTED TO SELECTED HIGHEST PRICE IDENTIFICATION DATA
ST203
ST226
DROP WIDTH SMALL ?
Y
N
ST227
TIME WIDTH SMALL ?
Y
N
ST230
OBTAIN FIXED BOTTOM PRICE
ST245
UPDATE STOP ORDER (SELL)
ST391
SELECT ALL USER IDENTIFICATION DATA ?
N
ST392
SELECT OTHER USER IDENTIFICATION DATA
Y
END

FIG.75

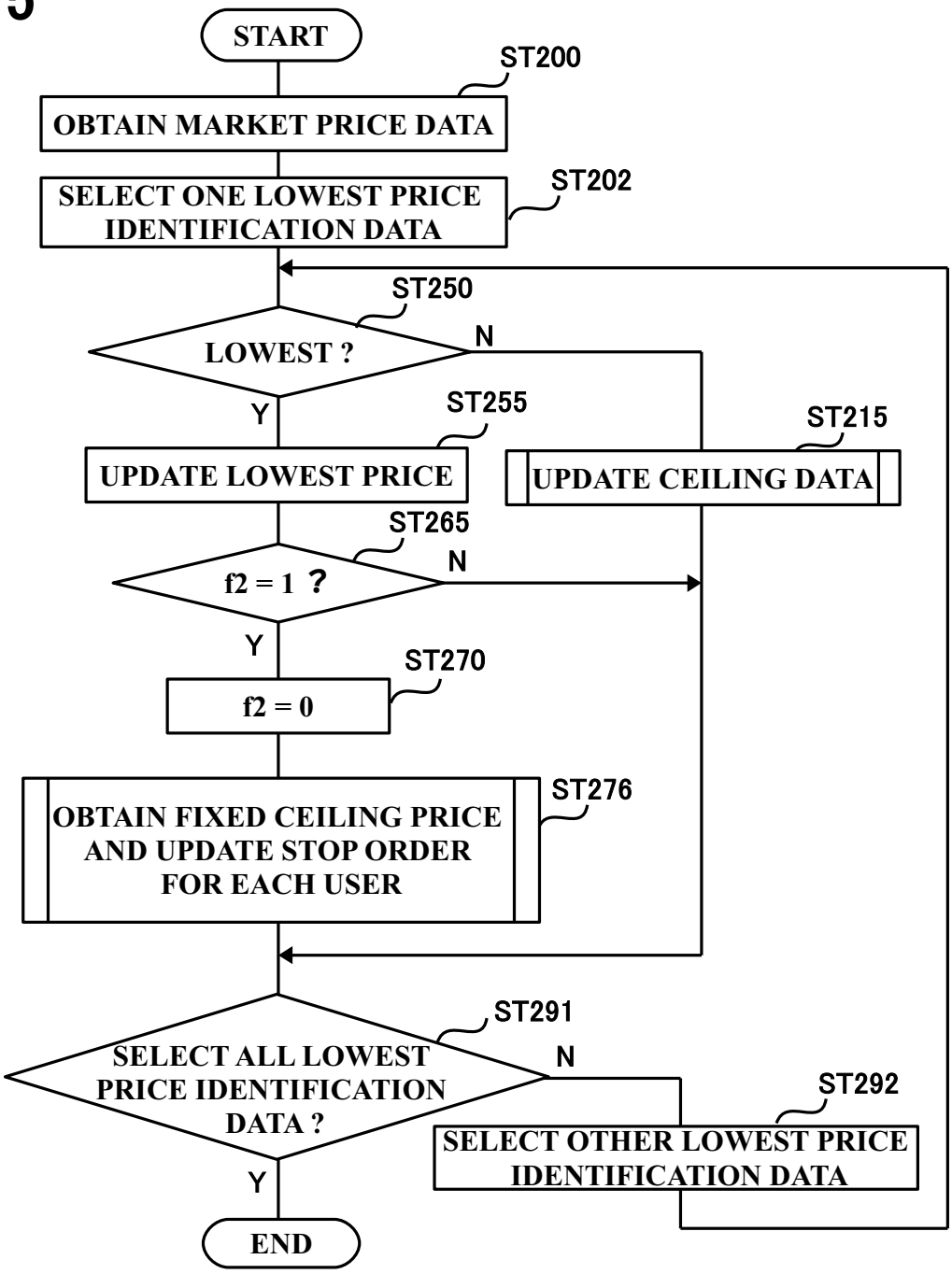

START
ST200
OBTAIN MARKET PRICE DATA
SELECT ONE LOWEST PRICE IDENTIFICATION DATA
ST202
ST250
LOWEST ?
N
Y
ST255
UPDATE LOWEST PRICE
ST215
UPDATE CEILING DATA
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
OBTAIN FIXED CEILING PRICE AND UPDATE STOP ORDER FOR EACH USER
ST276
ST291
SELECT ALL LOWEST PRICE IDENTIFICATION DATA ?
N
ST292
SELECT OTHER LOWEST PRICE IDENTIFICATION DATA
Y
END

FIG.76

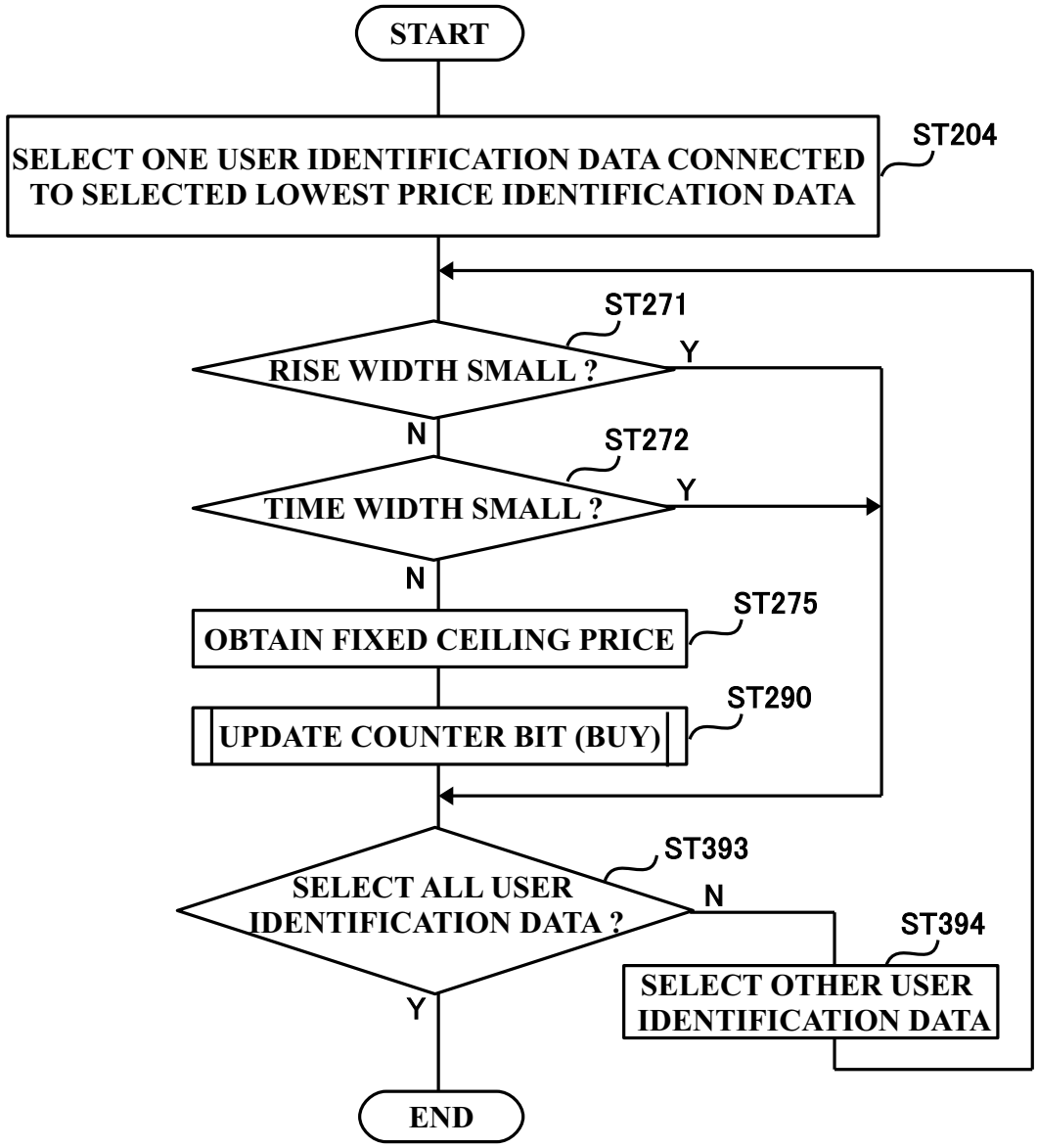

START
SELECT ONE USER IDENTIFICATION DATA CONNECTED TO SELECTED LOWEST PRICE IDENTIFICATION DATA
ST204
ST271
RISE WIDTH SMALL ?
Y
N
ST272
TIME WIDTH SMALL ?
Y
N
ST275
OBTAIN FIXED CEILING PRICE
ST290
UPDATE COUNTER BIT (BUY)
ST393
SELECT ALL USER IDENTIFICATION DATA ?
N
ST394
SELECT OTHER USER IDENTIFICATION DATA
Y
END

FIG.77

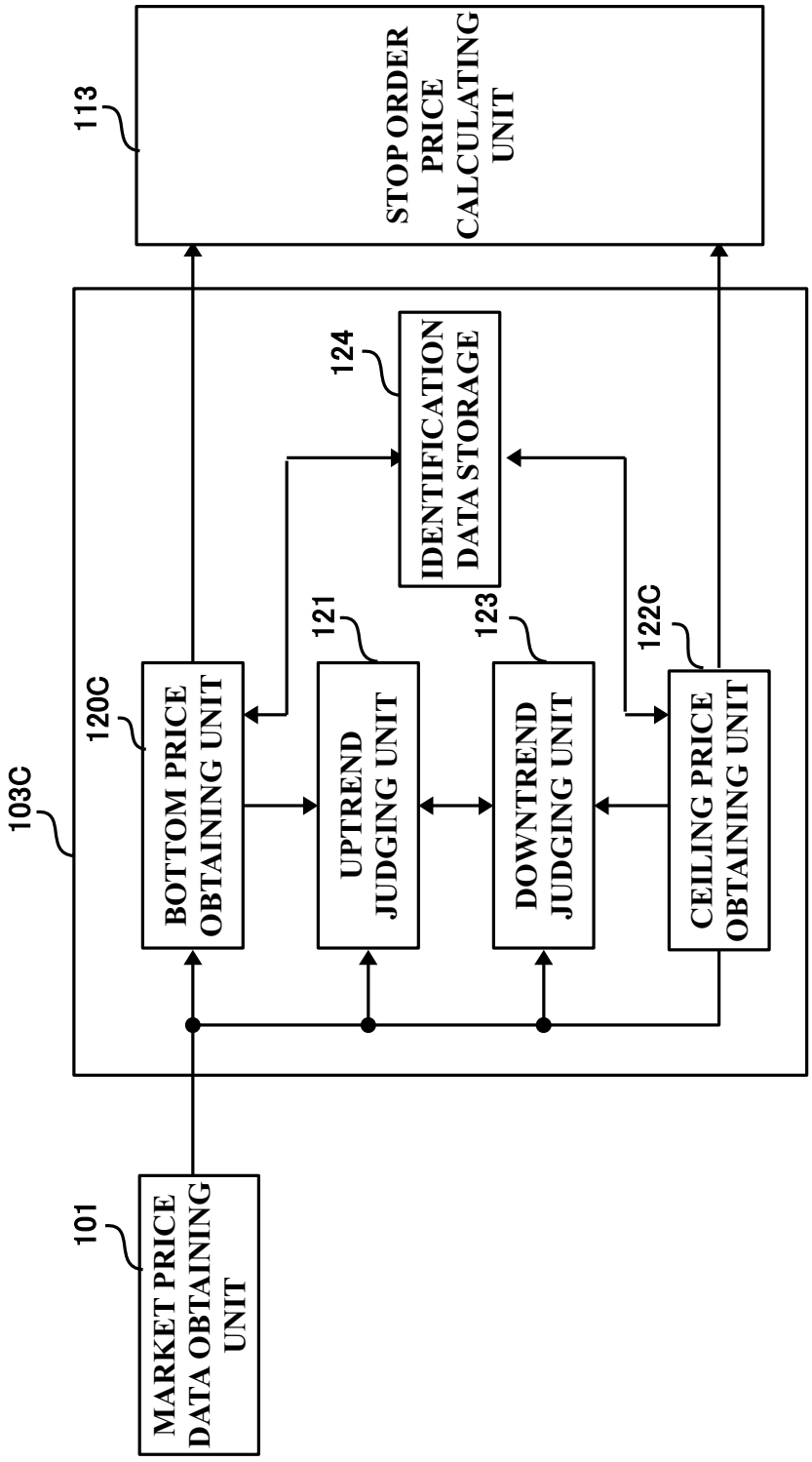

101
MARKET PRICE DATA OBTAINING UNIT
103C
120C
BOTTOM PRICE OBTAINING UNIT
121
UPTREND JUDGING UNIT
123
DOWNTREND JUDGING UNIT
122C
CEILING PRICE OBTAINING UNIT
124
IDENTIFICATION DATA STORAGE
113
STOP ORDER PRICE CALCULATING UNIT

FIG.78

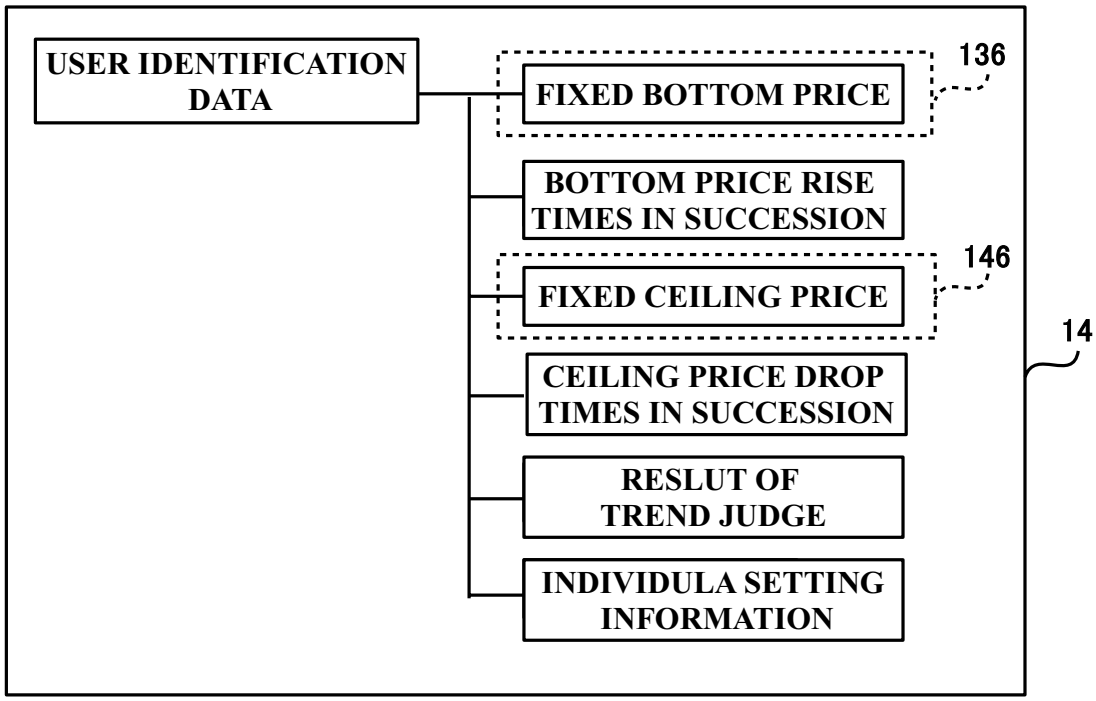

USER IDENTIFICATION DATA
FIXED BOTTOM PRICE
136
BOTTOM PRICE RISE TIMES IN SUCCESSION
FIXED CEILING PRICE
146
CEILING PRICE DROP TIMES IN SUCCESSION
RESLUT OF TREND JUDGE
INDIVIDULA SETTING INFORMATION
14

FIG.79

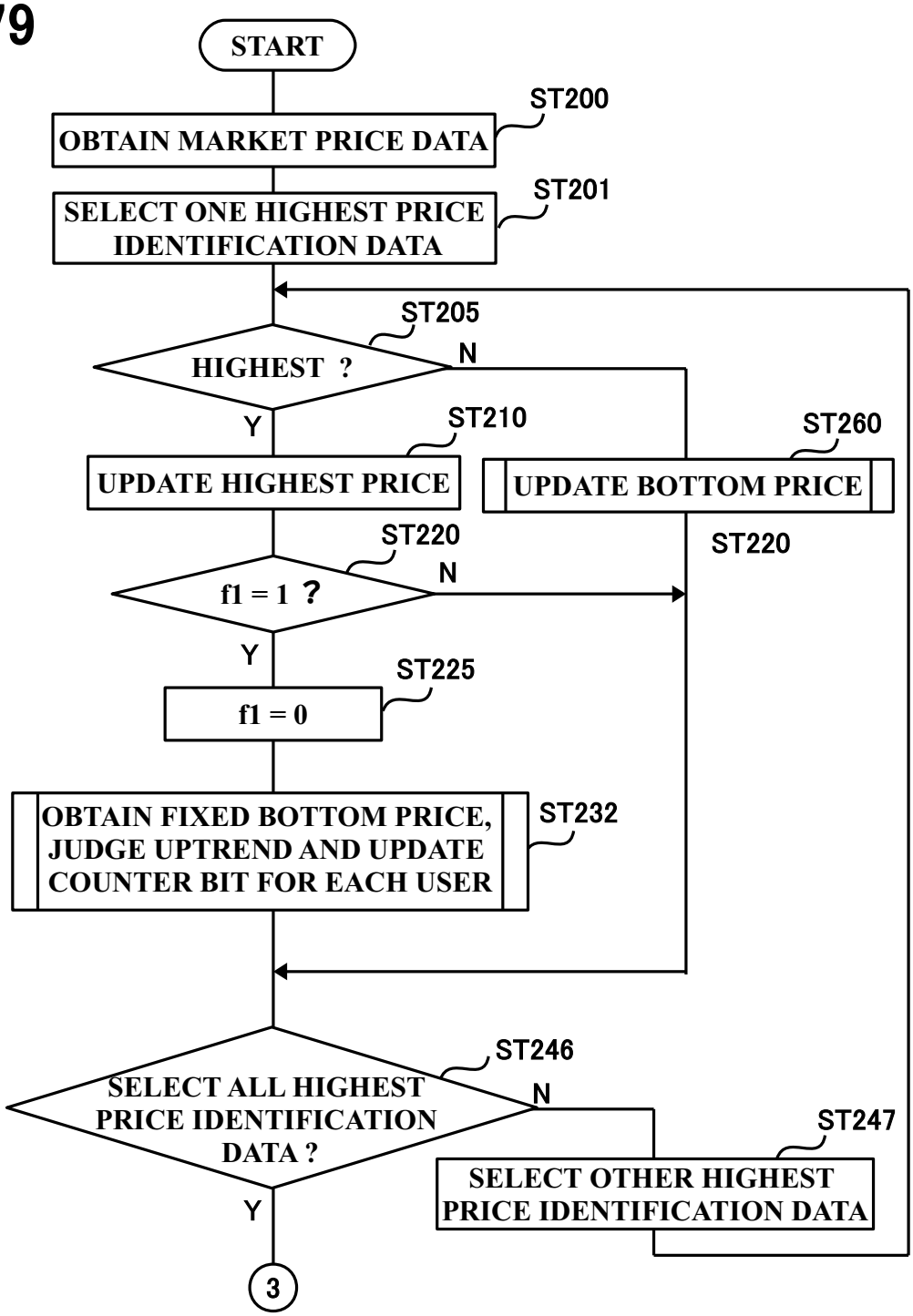

START
ST200
OBTAIN MARKET PRICE DATA
ST201
SELECT ONE HIGHEST PRICE IDENTIFICATION DATA
ST205
HIGHEST ?
N
Y
ST210
UPDATE HIGHEST PRICE
ST260
UPDATE BOTTOM PRICE
ST220
ST220
f1 = 1 ?
N
Y
ST225
f1 = 0
OBTAIN FIXED BOTTOM PRICE, JUDGE UPTREND AND UPDATE COUNTER BIT FOR EACH USER
ST232
ST246
SELECT ALL HIGHEST PRICE IDENTIFICATION DATA ?
N
ST247
SELECT OTHER HIGHEST PRICE IDENTIFICATION DATA
Y
3

FIG.80

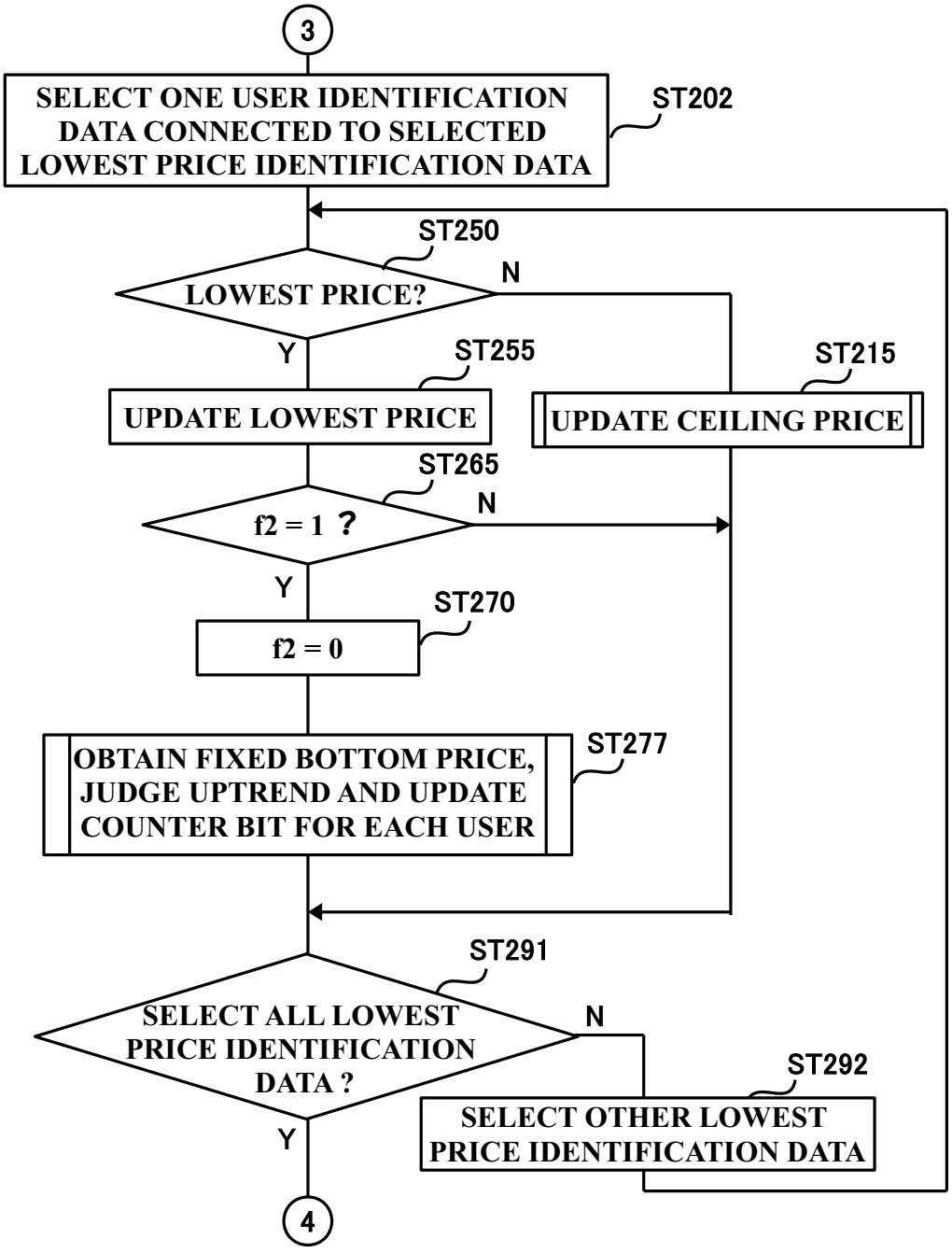

3
SELECT ONE USER IDENTIFICATION DATA CONNECTED TO SELECTED LOWEST PRICE IDENTIFICATION DATA
ST202
ST250
LOWEST PRICE?
N
Y
ST255
UPDATE LOWEST PRICE
ST215
UPDATE CEILING PRICE
ST265
f2 = 1 ?
N
Y
ST270
f2 = 0
OBTAIN FIXED BOTTOM PRICE, JUDGE UPTREND AND UPDATE COUNTER BIT FOR EACH USER
ST277
ST291
SELECT ALL LOWEST PRICE IDENTIFICATION DATA ?
N
ST292
SELECT OTHER LOWEST PRICE IDENTIFICATION DATA
Y
4

FIG.81

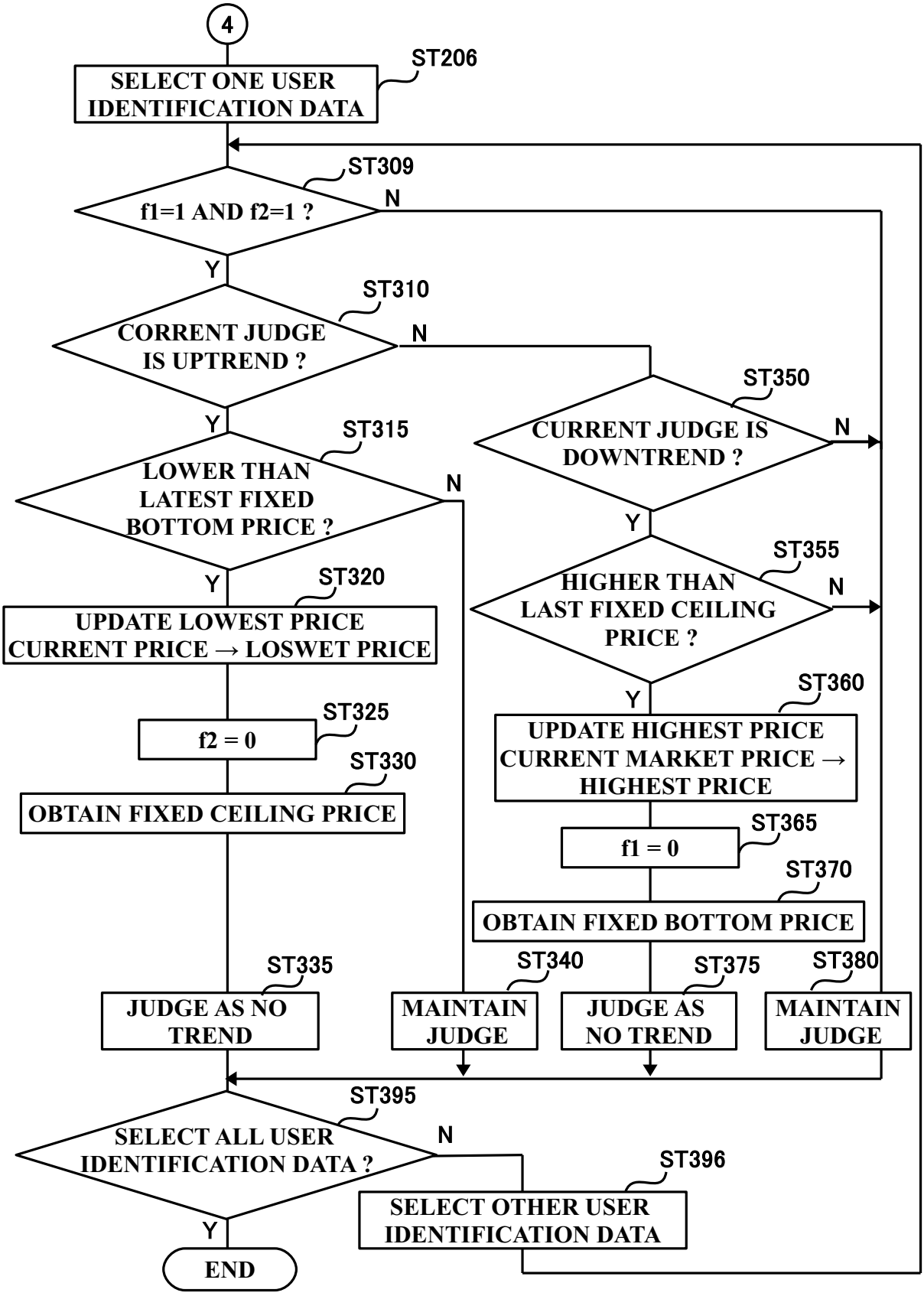

4
SELECT ONE USER IDENTIFICATION DATA
ST206
f1=1 AND f2=1 ?
ST309
N
Y
CORRENT JUDGE IS UPTREND ?
ST310
N
Y
LOWER THAN LATEST FIXED BOTTOM PRICE ?
ST315
N
Y
UPDATE LOWEST PRICE CURRENT PRICE → LOSWET PRICE
ST320
f2 = 0
ST325
OBTAIN FIXED CEILING PRICE
ST330
JUDGE AS NO TREND
ST335
CURRENT JUDGE IS DOWNTREND ?
ST350
N
Y
HIGHER THAN LAST FIXED CEILING PRICE ?
ST355
N
Y
UPDATE HIGHEST PRICE CURRENT MARKET PRICE → HIGHEST PRICE
ST360
f1 = 0
ST365
OBTAIN FIXED BOTTOM PRICE
ST370
MAINTAIN JUDGE
ST340
JUDGE AS NO TREND
ST375
MAINTAIN JUDGE
ST380
SELECT ALL USER IDENTIFICATION DATA ?
ST395
N
Y
SELECT OTHER USER IDENTIFICATION DATA
ST396
END

FIG.82

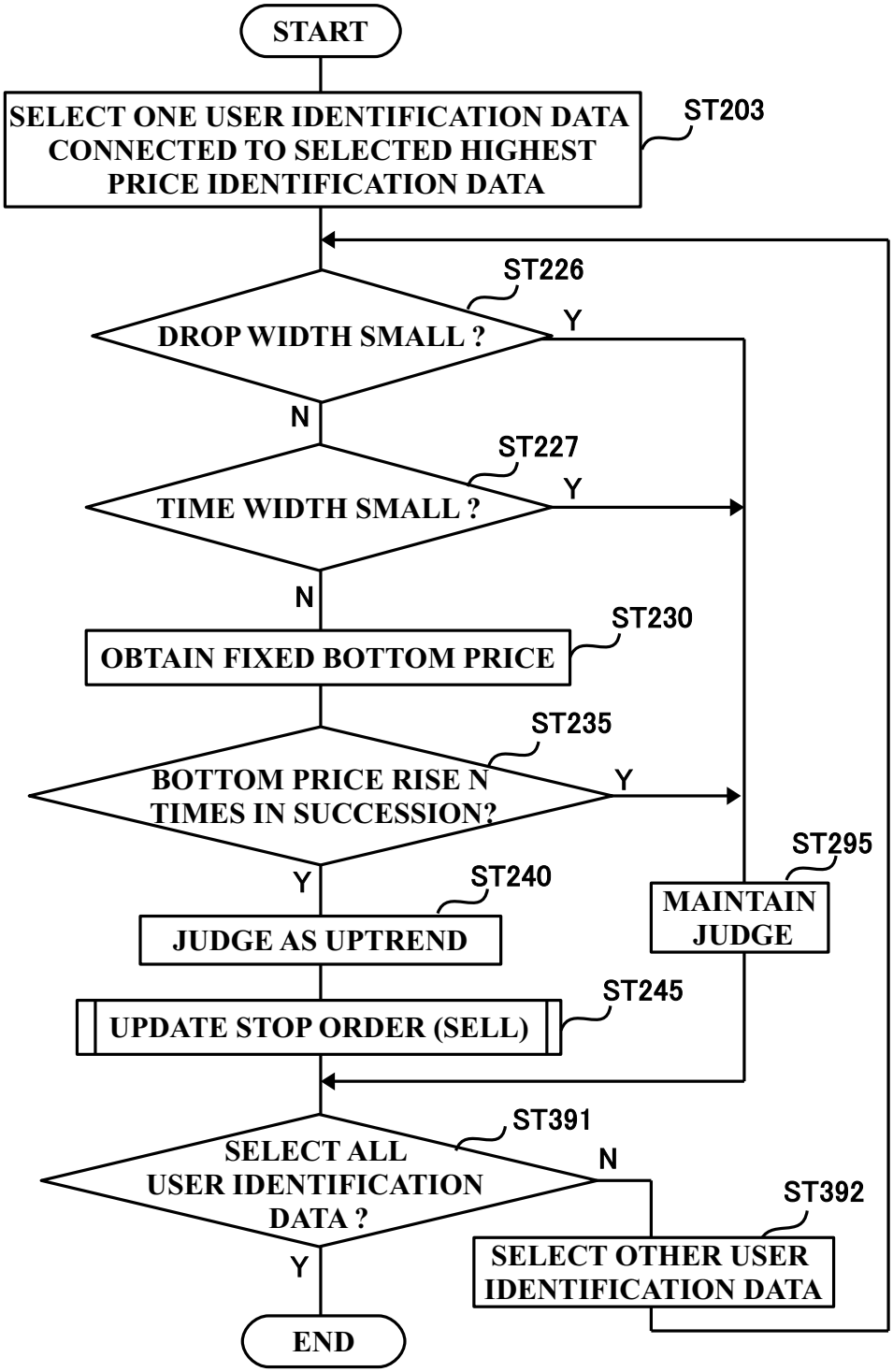

START
SELECT ONE USER IDENTIFICATION DATA CONNECTED TO SELECTED HIGHEST PRICE IDENTIFICATION DATA
ST203
ST226
DROP WIDTH SMALL ?
Y
N
ST227
TIME WIDTH SMALL ?
Y
N
ST230
OBTAIN FIXED BOTTOM PRICE
ST235
BOTTOM PRICE RISE N TIMES IN SUCCESSION?
Y
Y
ST240
JUDGE AS UPTREND
ST295
MAINTAIN JUDGE
ST245
UPDATE STOP ORDER (SELL)
ST391
SELECT ALL USER IDENTIFICATION DATA ?
N
Y
ST392
SELECT OTHER USER IDENTIFICATION DATA
END

FIG.83

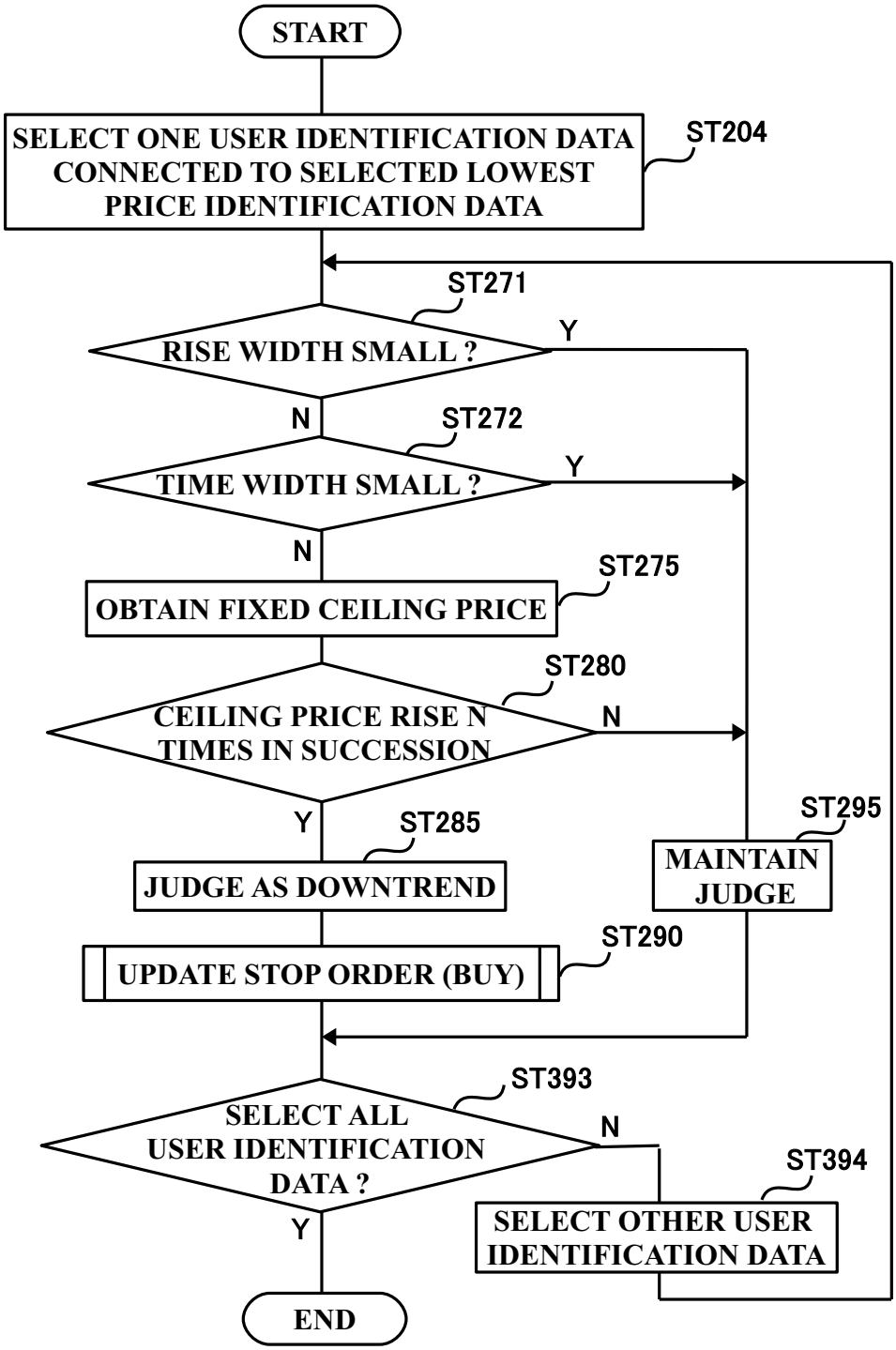

START
SELECT ONE USER IDENTIFICATION DATA CONNECTED TO SELECTED LOWEST PRICE IDENTIFICATION DATA
ST204
ST271
RISE WIDTH SMALL ?
Y
N
ST272
TIME WIDTH SMALL ?
Y
N
ST275
OBTAIN FIXED CEILING PRICE
ST280
CEILING PRICE RISE N TIMES IN SUCCESSION
N
Y
ST285
JUDGE AS DOWNTREND
ST295
MAINTAIN JUDGE
ST290
UPDATE STOP ORDER (BUY)
ST393
SELECT ALL USER IDENTIFICATION DATA ?
N
Y
ST394
SELECT OTHER USER IDENTIFICATION DATA
END

FIG.84

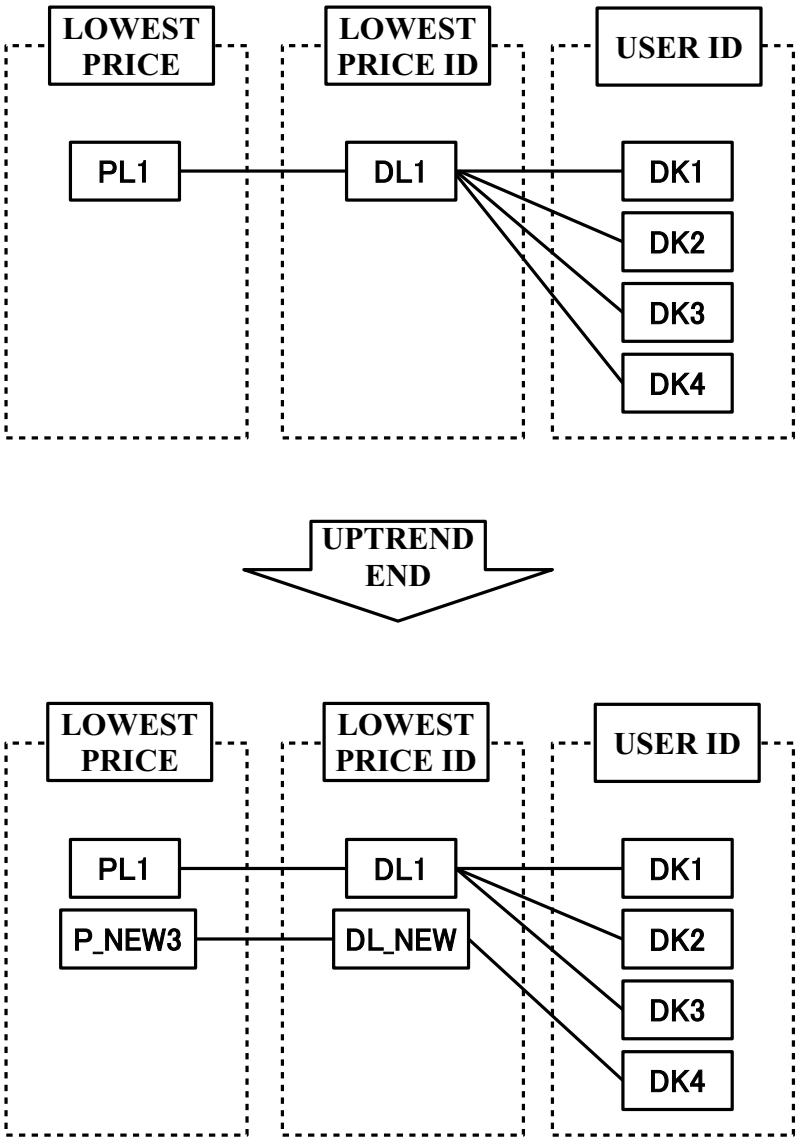

LOWEST PRICE
LOWEST PRICE ID
USER ID
PL1
DL1
DK1
DK2
DK3
DK4
UPTREND END
LOWEST PRICE
LOWEST PRICE ID
USER ID
PL1
DL1
DK1
P_NEW3
DL_NEW
DK2
DK3
DK4

FIG.85

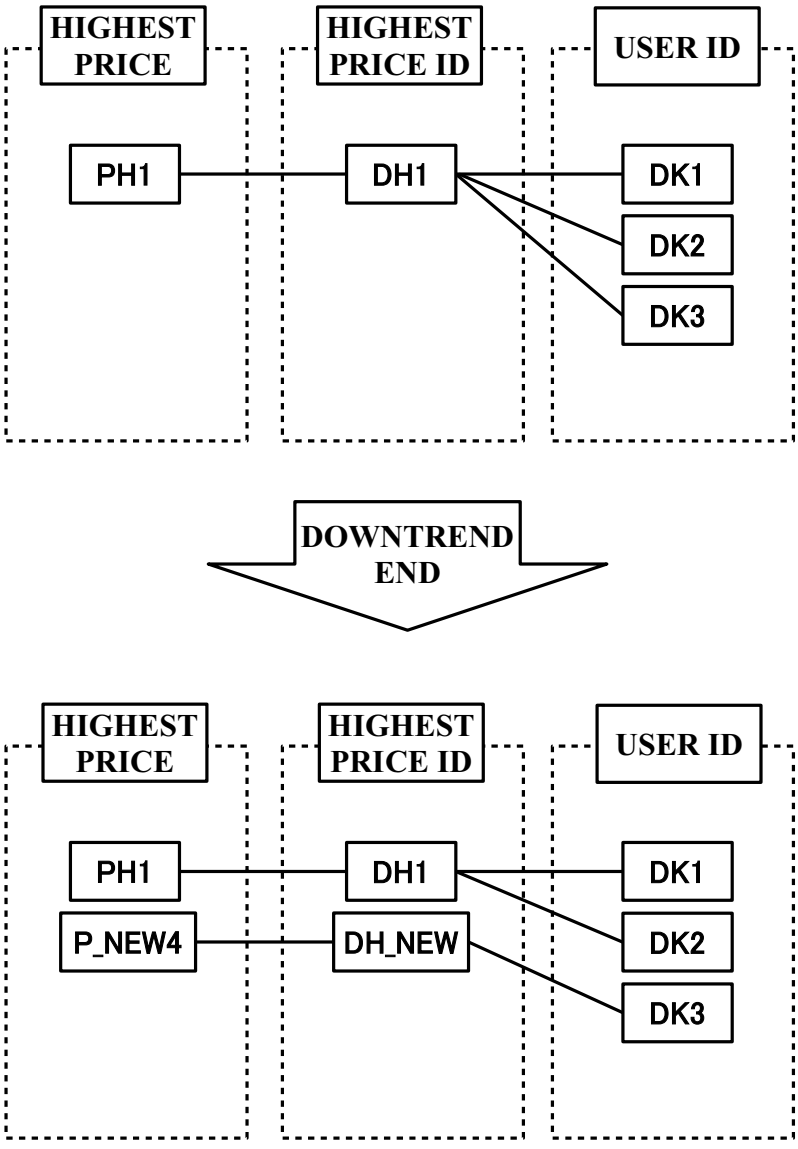

HIGHEST PRICE
HIGHEST PRICE ID
USER ID
PH1
DH1
DK1
DK2
DK3
DOWNTREND END
HIGHEST PRICE
HIGHEST PRICE ID
USER ID
PH1
DH1
DK1
P_NEW4
DH_NEW
DK2
DK3

FIG.86

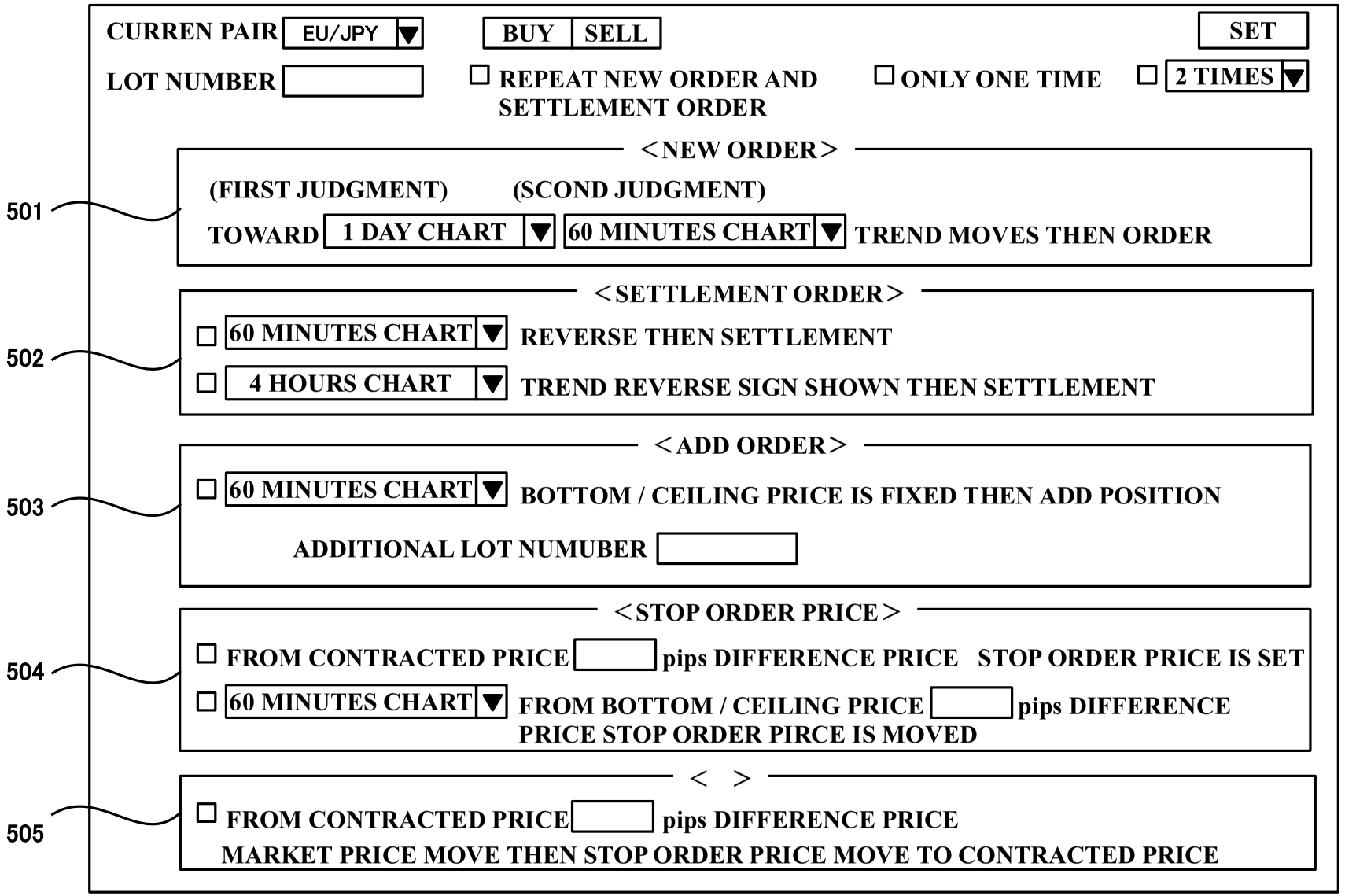

CURREN PAIR
EU/JPY
BUY
SELL
SET
LOT NUMBER
REPEAT NEW ORDER AND SETTLEMENT ORDER
ONLY ONE TIME
2 TIMES
<NEW ORDER>
(FIRST JUDGMENT)
(SCOND JUDGMENT)
TOWARD
1 DAY CHART
60 MINUTES CHART
TREND MOVES THEN ORDER
501
<SETTLEMENT ORDER>
60 MINUTES CHART
REVERSE THEN SETTLEMENT
4 HOURS CHART
TREND REVERSE SIGN SHOWN THEN SETTLEMENT
502
<ADD ORDER>
60 MINUTES CHART
BOTTOM / CEILING PRICE IS FIXED THEN ADD POSITION
ADDITIONAL LOT NUMUBER
503
<STOP ORDER PRICE>
FROM CONTRACTED PRICE
pips DIFFERENCE PRICE STOP ORDER PRICE IS SET
60 MINUTES CHART
FROM BOTTOM / CEILING PRICE
pips DIFFERENCE PRICE STOP ORDER PIRCE IS MOVED
504
< >
FROM CONTRACTED PRICE
pips DIFFERENCE PRICE
MARKET PRICE MOVE THEN STOP ORDER PRICE MOVE TO CONTRACTED PRICE
505

FIG.87

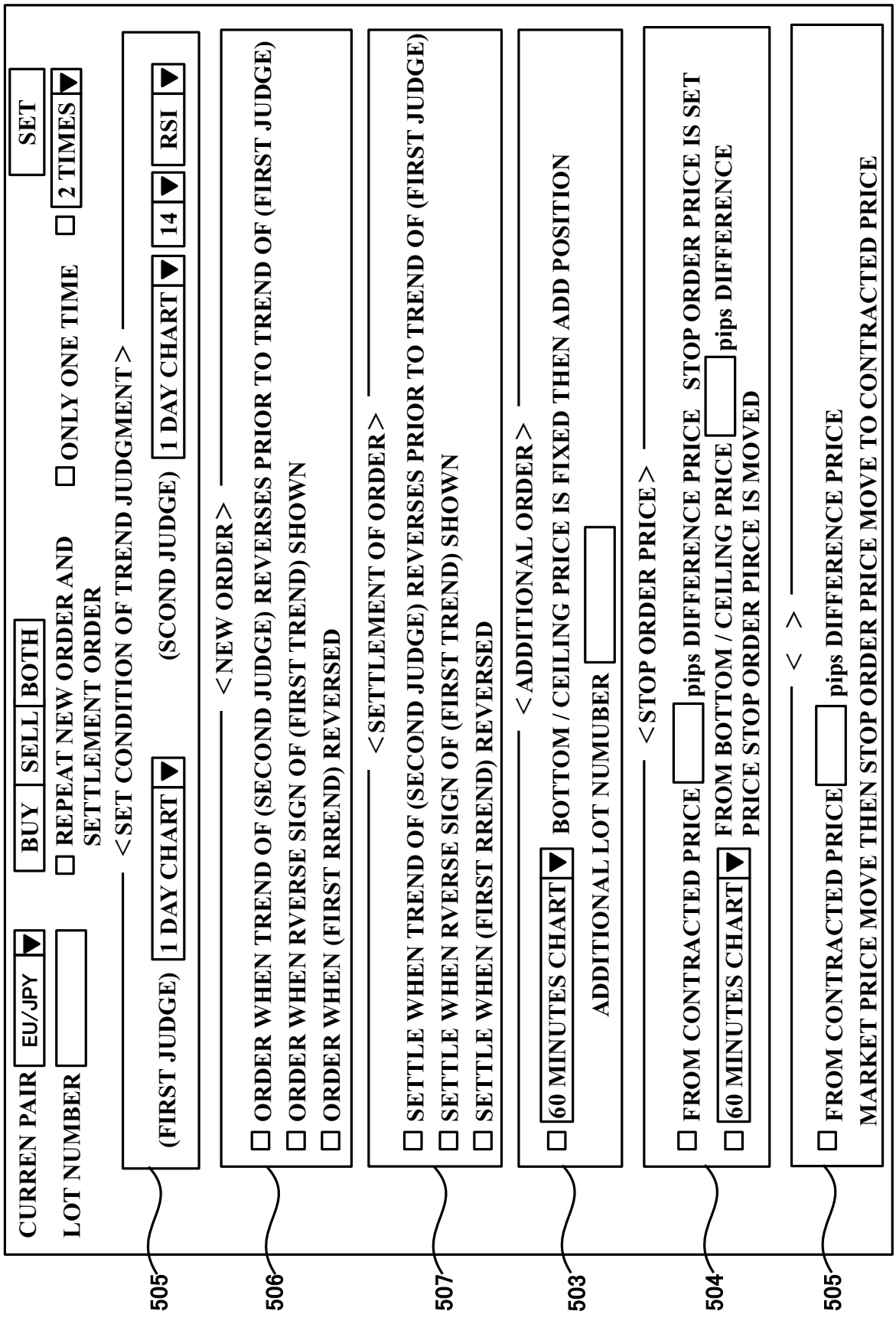

CURREN PAIR
EU/JPY
BUY
SELL
BOTH
SET
LOT NUMBER
REPEAT NEW ORDER AND SETTLEMENT ORDER
ONLY ONE TIME
2 TIMES
< SET CONDITION OF TREND JUDGMENT >
(FIRST JUDGE)
1 DAY CHART
(SCOND JUDGE)
1 DAY CHART
14
RSI
505
< NEW ORDER >
ORDER WHEN TREND OF (SECOND JUDGE) REVERSES PRIOR TO TREND OF (FIRST JUDGE)
ORDER WHEN RVERSE SIGN OF (FIRST TREND) SHOWN
ORDER WHEN (FIRST RREND) REVERSED
506
< SETTLEMENT OF ORDER >
SETTLE WHEN TREND OF (SECOND JUDGE) REVERSES PRIOR TO TREND OF (FIRST JUDGE)
SETTLE WHEN RVERSE SIGN OF (FIRST TREND) SHOWN
SETTLE WHEN (FIRST RREND) REVERSED
507
< ADDITIONAL ORDER >
60 MINUTES CHART
BOTTOM / CEILING PRICE IS FIXED THEN ADD POSITION
ADDITIONAL LOT NUMUBER
503
< STOP ORDER PRICE >
FROM CONTRACTED PRICE
pips DIFFERENCE PRICE STOP ORDER PRICE IS SET
60 MINUTES CHART
FROM BOTTOM / CEILING PRICE
pips DIFFERENCE
PRICE STOP ORDER PIRCE IS MOVED
504
< >
FROM CONTRACTED PRICE
pips DIFFERENCE PRICE
MARKET PRICE MOVE THEN STOP ORDER PRICE MOVE TO CONTRACTED PRICE
505

FIG.88

