FIG.1

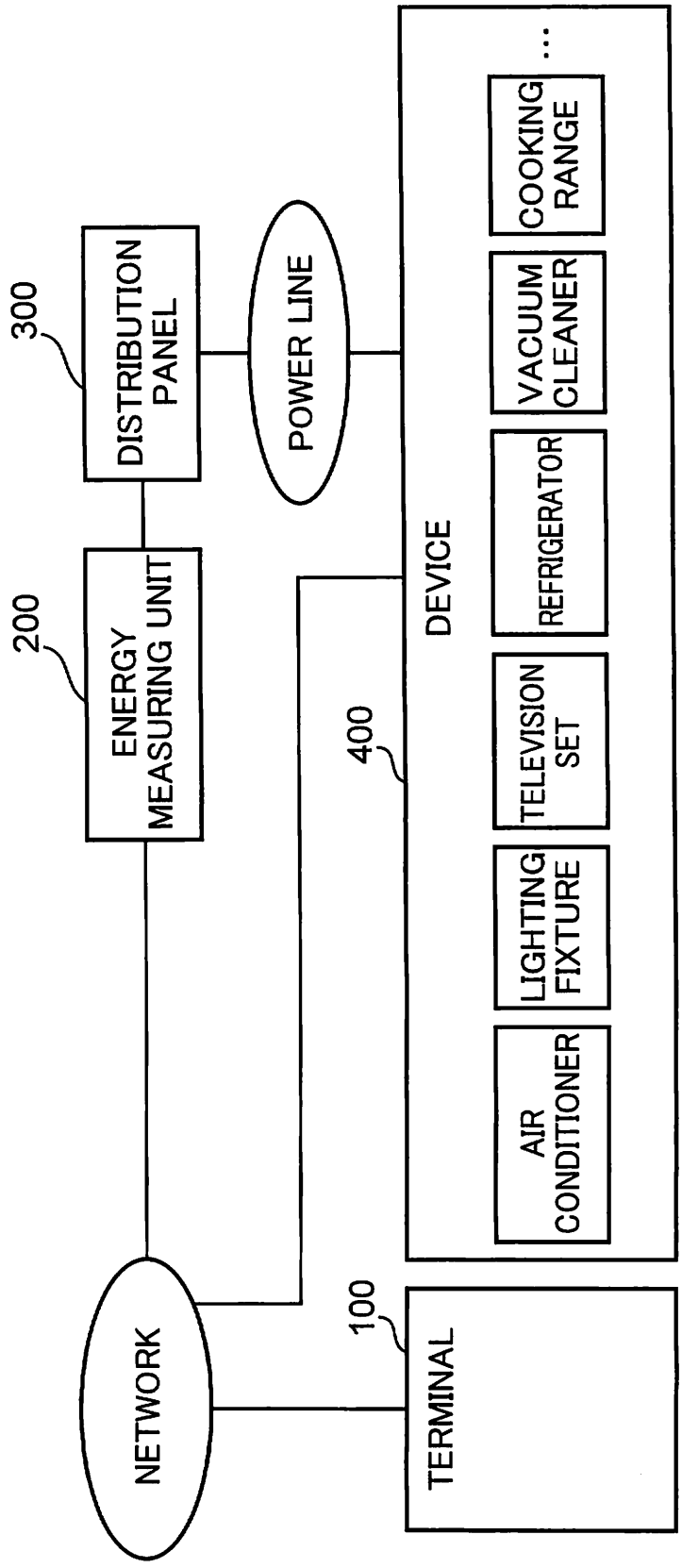

300
DISTRIBUTION PANEL
POWER LINE
200
ENERGY MEASURING UNIT
400
DEVICE
COOKING RANGE
...
VACUUM CLEANER
REFRIGERATOR
TELEVISION SET
LIGHTING FIXTURE
AIR CONDITIONER
NETWORK
100
TERMINAL

FIG.2

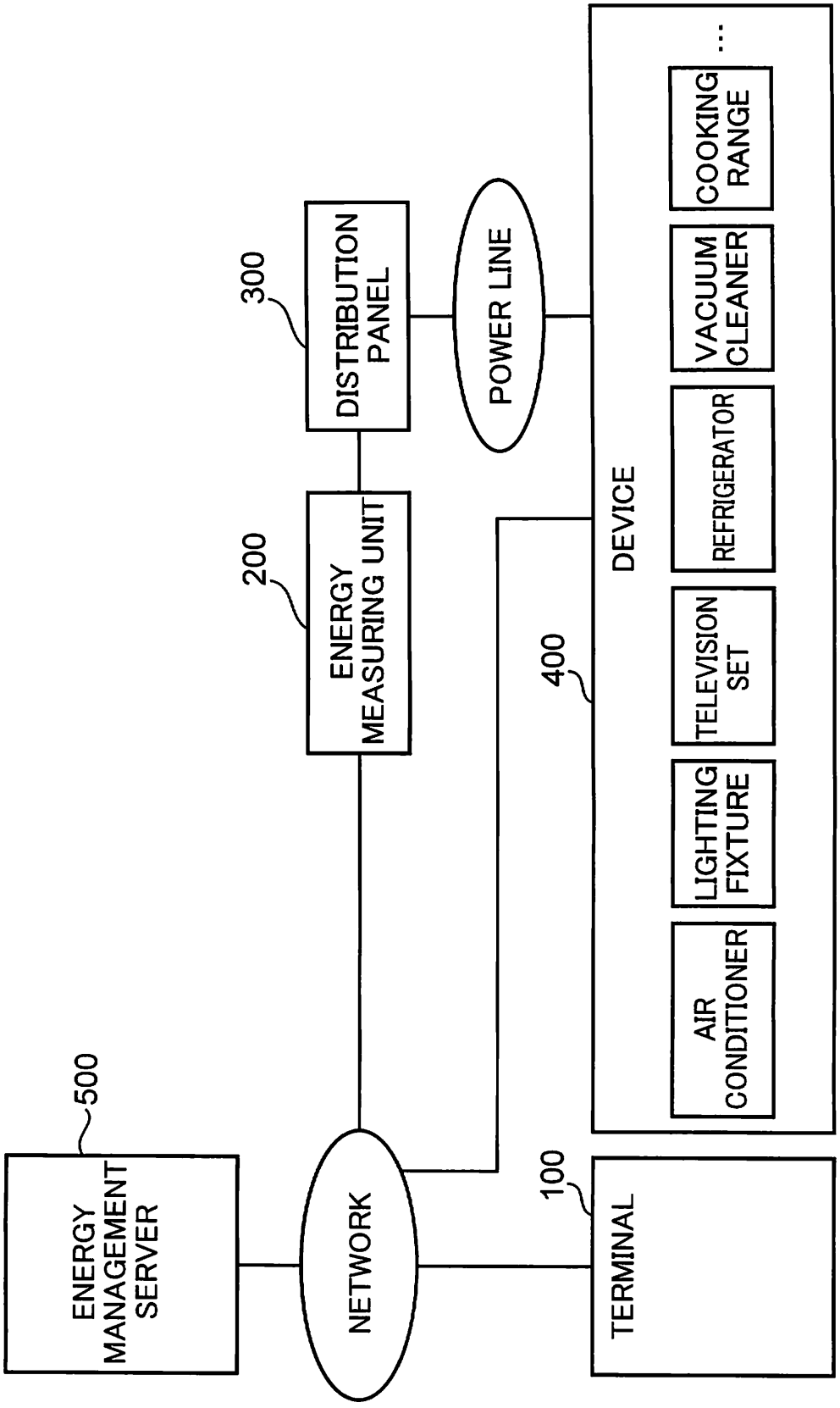

ENERGY MANAGEMENT SERVER
500
NETWORK
TERMINAL
100
400
DEVICE
AIR CONDITIONER
LIGHTING FIXTURE
TELEVISION SET
REFRIGERATOR
VACUUM CLEANER
COOKING RANGE
...
ENERGY MEASURING UNIT
200
DISTRIBUTION PANEL
300
POWER LINE

FIG.3

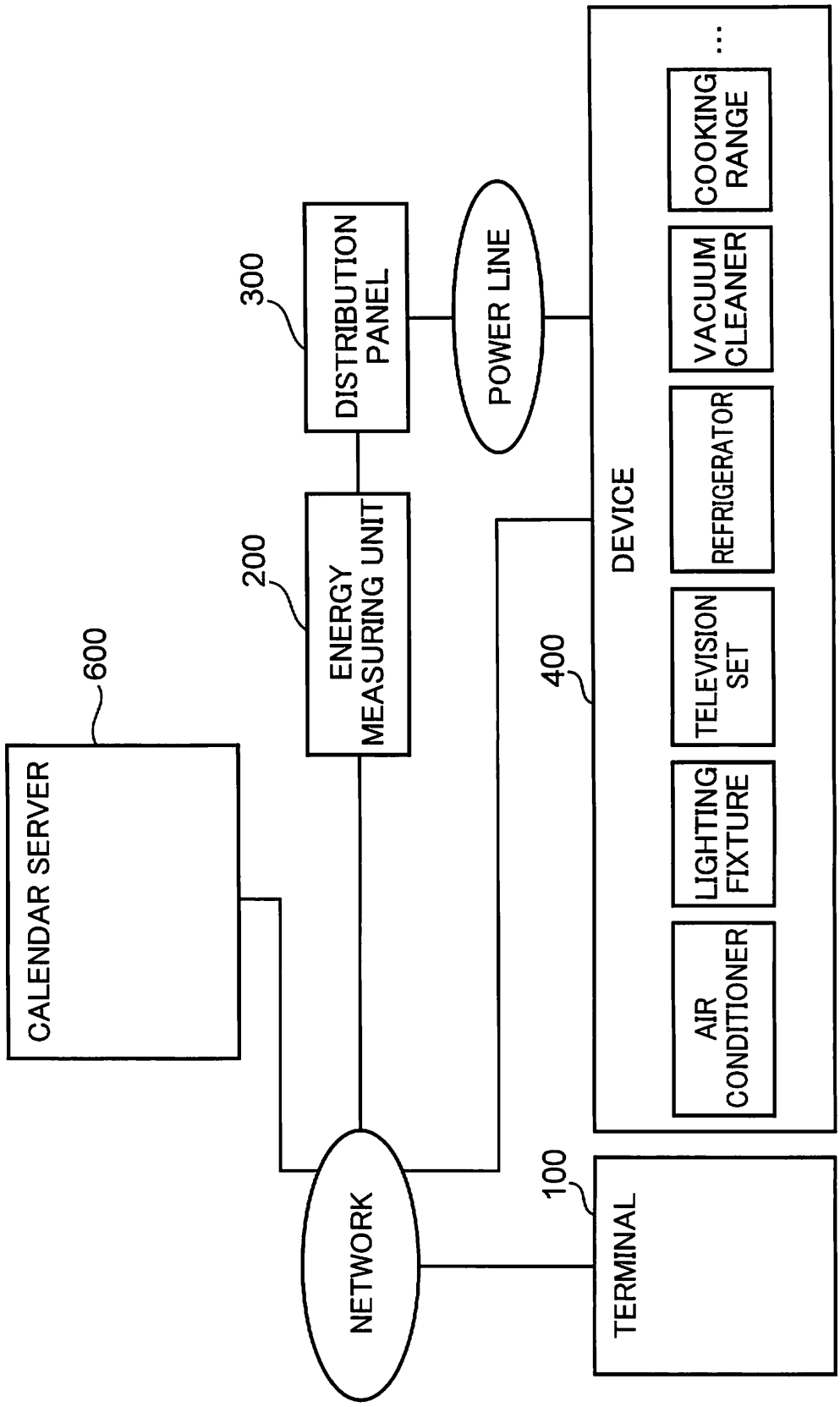

CALENDAR SERVER
600
ENERGY MEASURING UNIT
200
DISTRIBUTION PANEL
300
POWER LINE
DEVICE
400
AIR CONDITIONER
LIGHTING FIXTURE
TELEVISION SET
REFRIGERATOR
VACUUM CLEANER
COOKING RANGE
...
NETWORK
TERMINAL
100

FIG.4

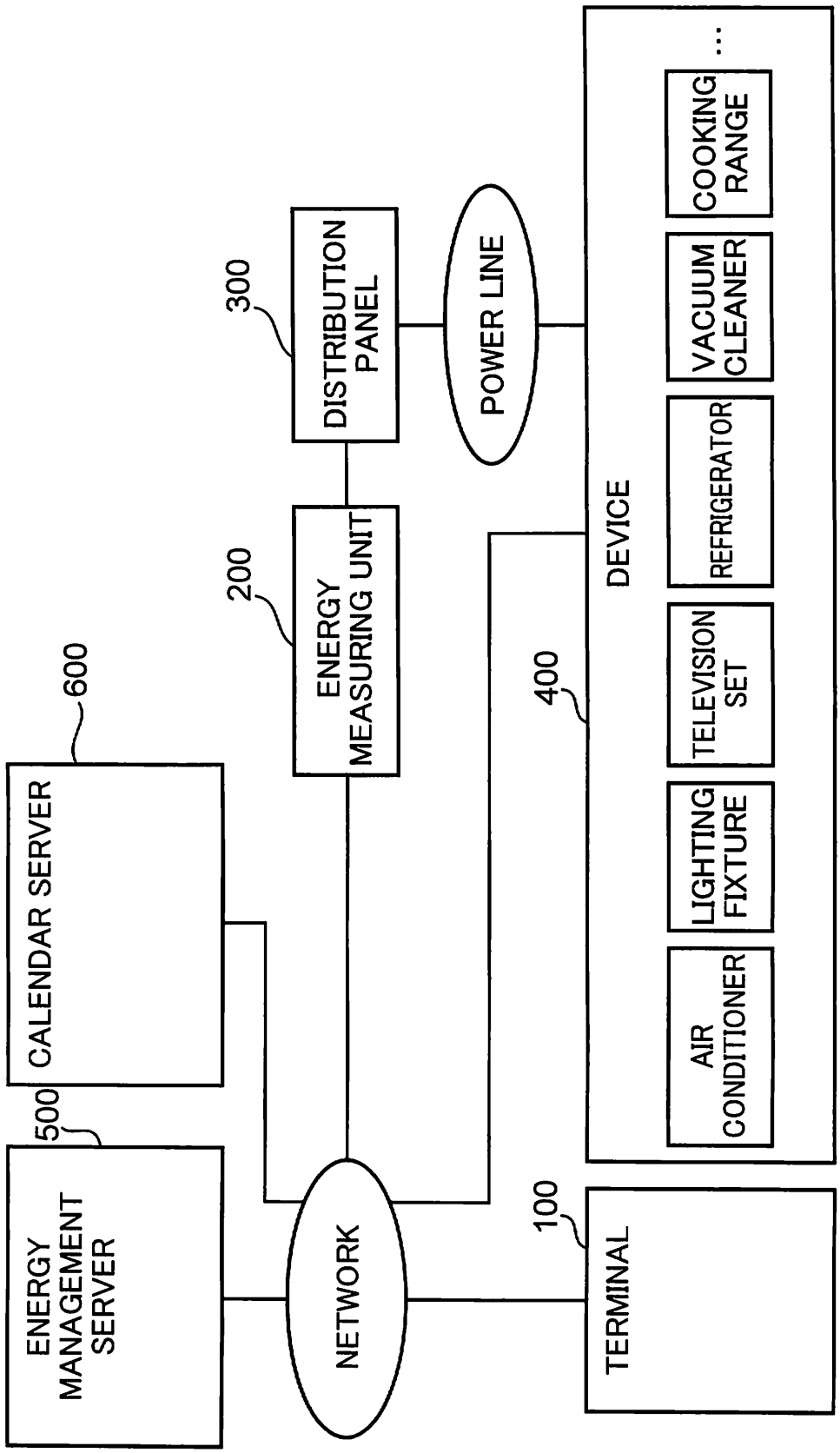

ENERGY MANAGEMENT SERVER
500
CALENDAR SERVER
600
NETWORK
ENERGY MEASURING UNIT
200
DISTRIBUTION PANEL
300
POWER LINE
TERMINAL
100
DEVICE
400
AIR CONDITIONER
LIGHTING FIXTURE
TELEVISION SET
REFRIGERATOR
VACUUM CLEANER
COOKING RANGE
...

FIG.5

A-1

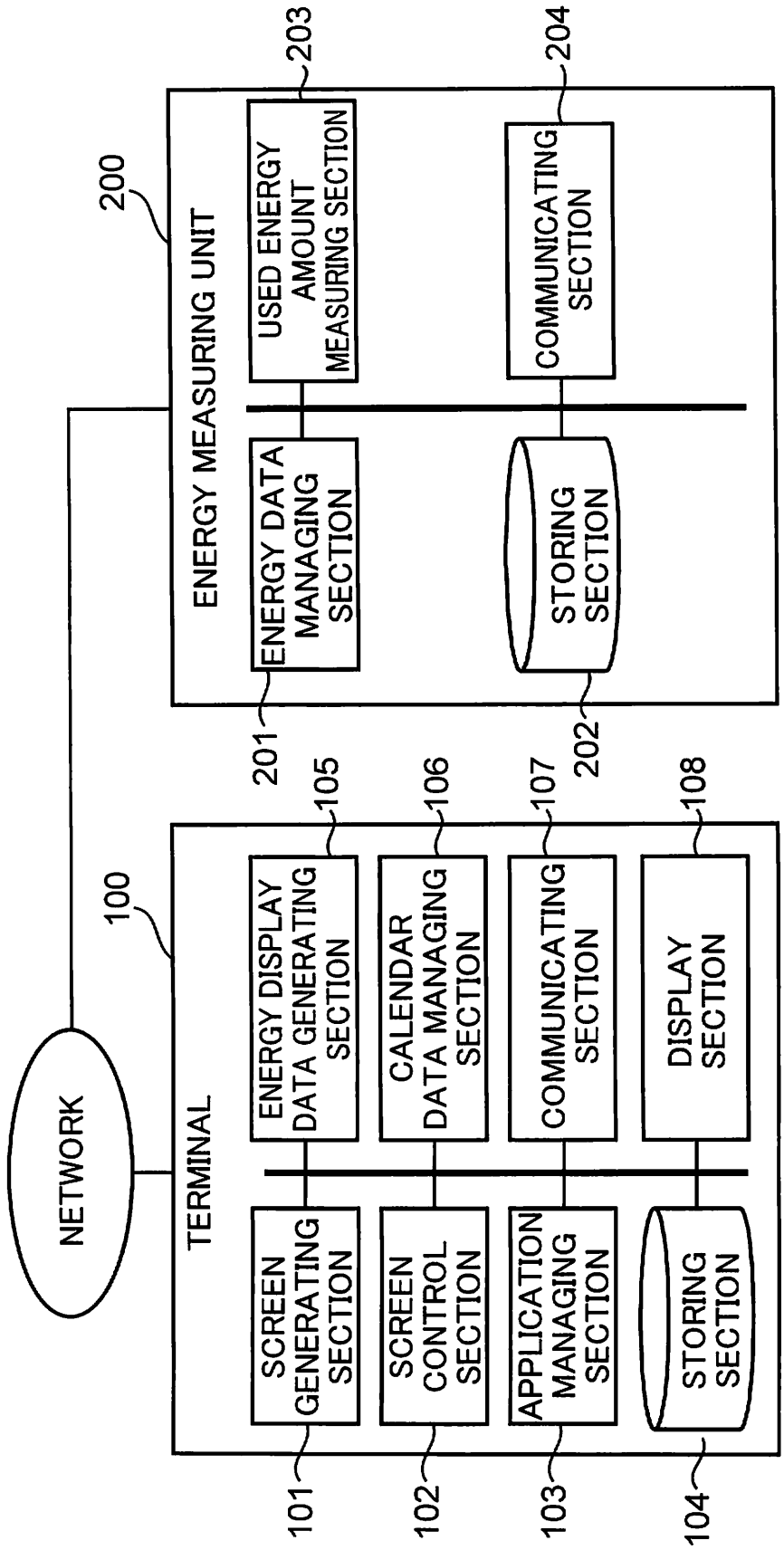

NETWORK
TERMINAL
100
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
ENERGY DISPLAY DATA GENERATING SECTION
CALENDAR DATA MANAGING SECTION
COMMUNICATING SECTION
DISPLAY SECTION
101
102
103
104
105
106
107
108
ENERGY MEASURING UNIT
200
ENERGY DATA MANAGING SECTION
STORING SECTION
USED ENERGY AMOUNT MEASURING SECTION
COMMUNICATING SECTION
201
202
203
204

FIG.6

A-2

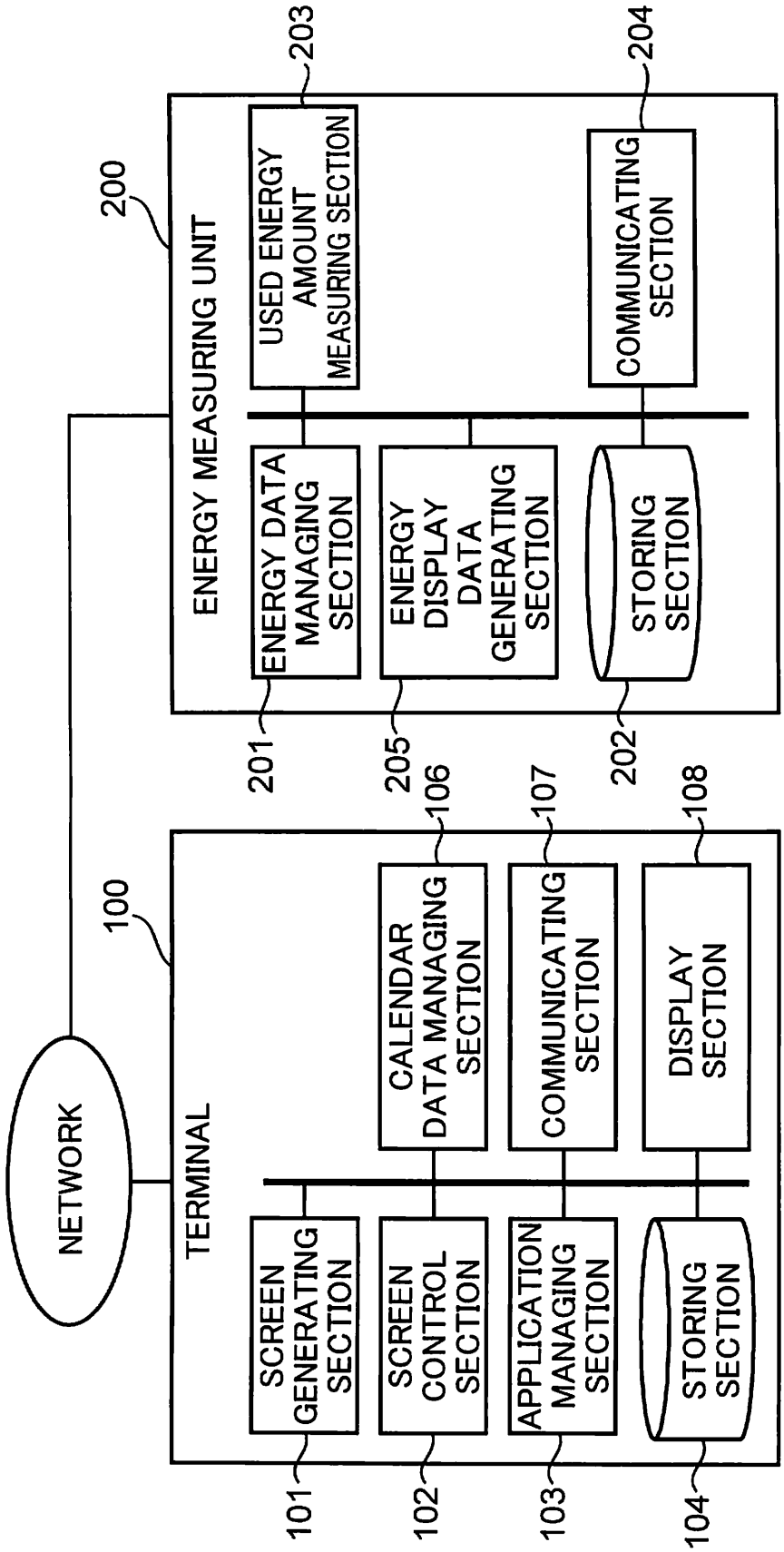

NETWORK
TERMINAL
100
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
CALENDAR DATA MANAGING SECTION
COMMUNICATING SECTION
DISPLAY SECTION
101
102
103
104
106
107
108
ENERGY MEASURING UNIT
200
ENERGY DATA MANAGING SECTION
ENERGY DISPLAY DATA GENERATING SECTION
STORING SECTION
USED ENERGY AMOUNT MEASURING SECTION
COMMUNICATING SECTION
201
205
202
203
204

FIG.7

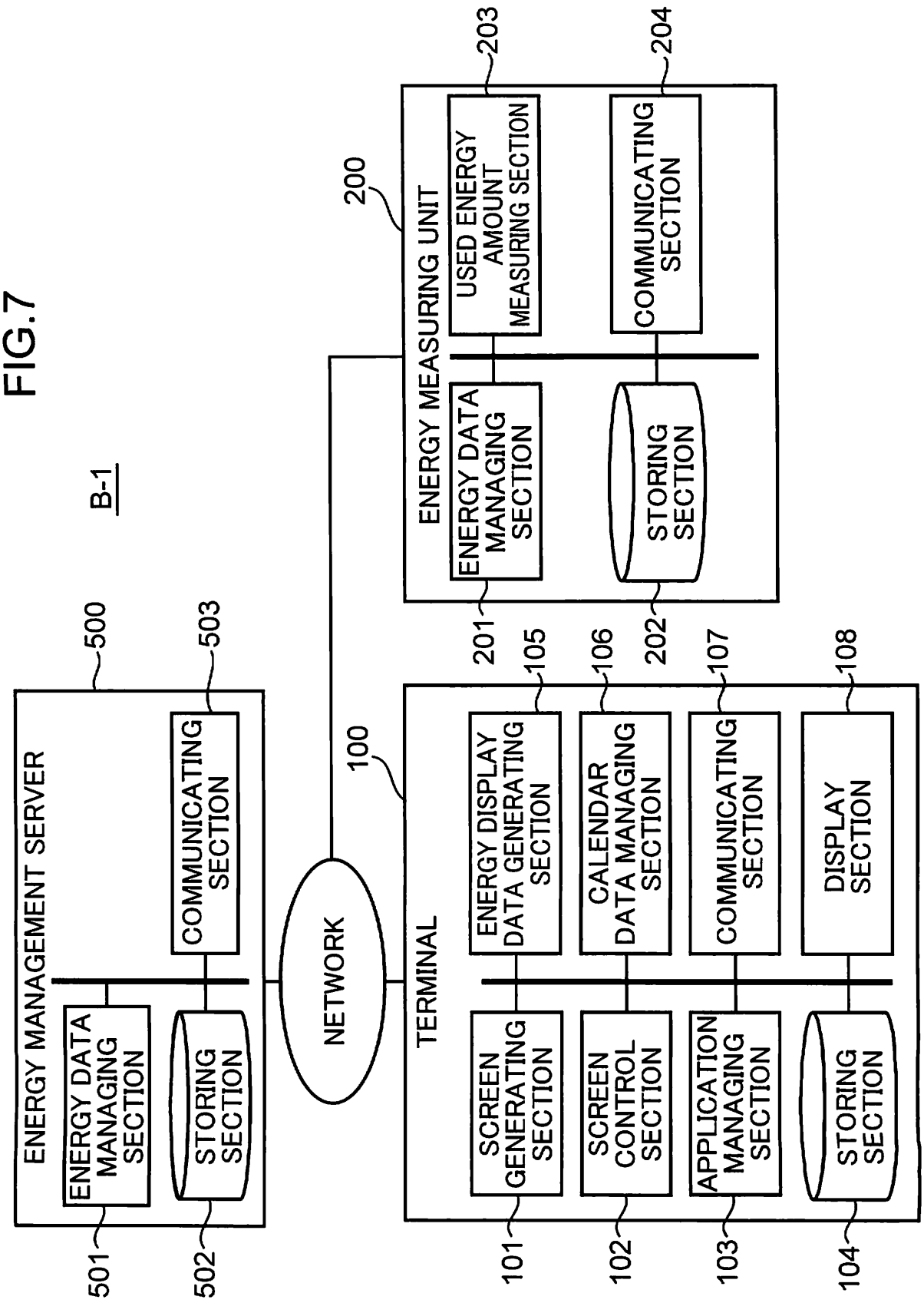

B-1
ENERGY MANAGEMENT SERVER
ENERGY DATA MANAGING SECTION
STORING SECTION
COMMUNICATING SECTION
NETWORK
TERMINAL
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
ENERGY DISPLAY DATA GENERATING SECTION
CALENDAR DATA MANAGING SECTION
COMMUNICATING SECTION
DISPLAY SECTION
ENERGY MEASURING UNIT
ENERGY DATA MANAGING SECTION
STORING SECTION
USED ENERGY AMOUNT MEASURING SECTION
COMMUNICATING SECTION
100
101
102
103
104
105
106
107
108
200
201
202
203
204
500
501
502
503

FIG.8

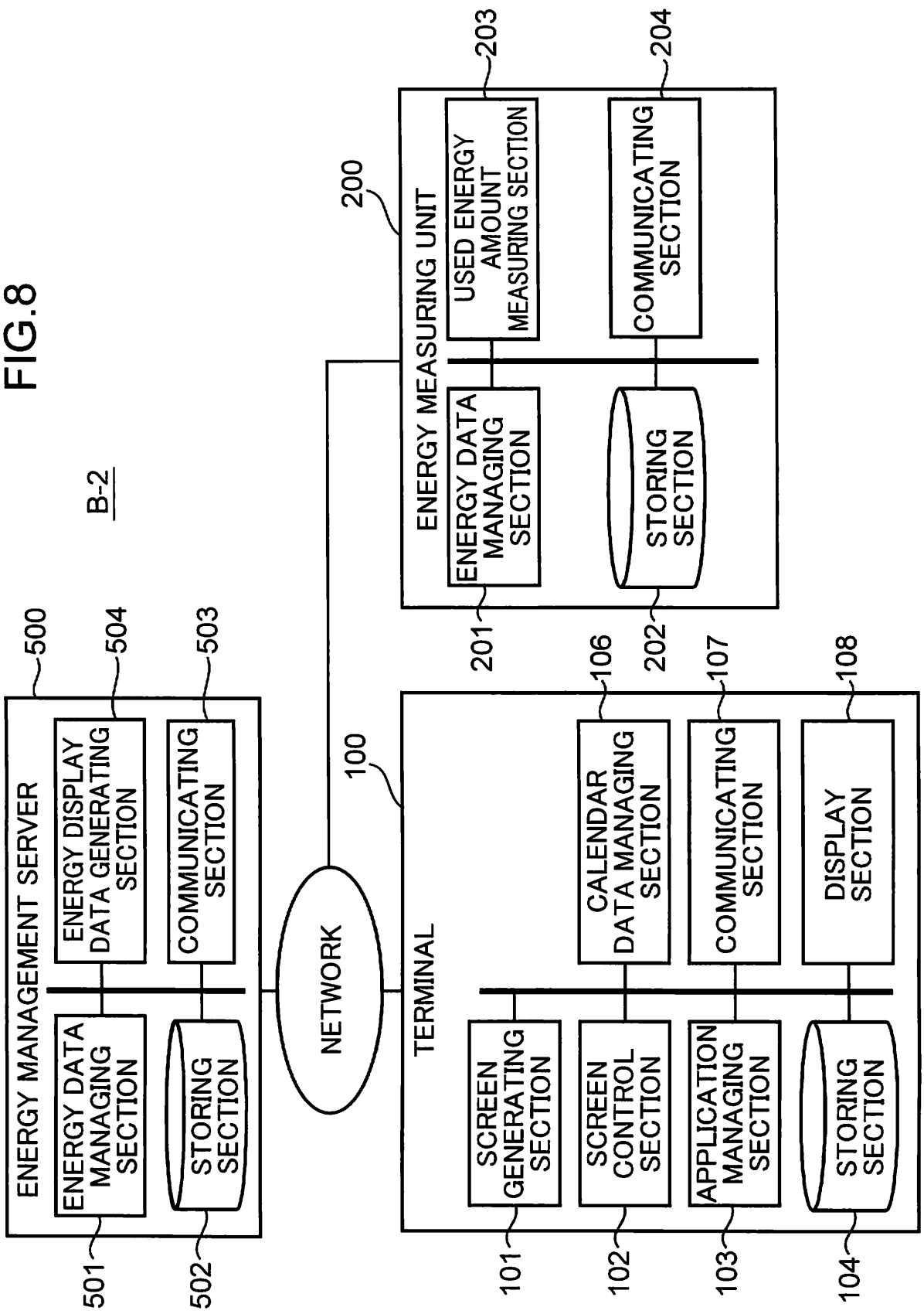

B-2
ENERGY MANAGEMENT SERVER
500
ENERGY DISPLAY DATA GENERATING SECTION
504
COMMUNICATING SECTION
503
ENERGY DATA MANAGING SECTION
STORING SECTION
501
502
NETWORK
100
TERMINAL
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
101
102
103
104
CALENDAR DATA MANAGING SECTION
106
COMMUNICATING SECTION
107
DISPLAY SECTION
108
200
ENERGY MEASURING UNIT
USED ENERGY AMOUNT MEASURING SECTION
203
COMMUNICATING SECTION
204
ENERGY DATA MANAGING SECTION
STORING SECTION
201
202

FIG.9

C-1

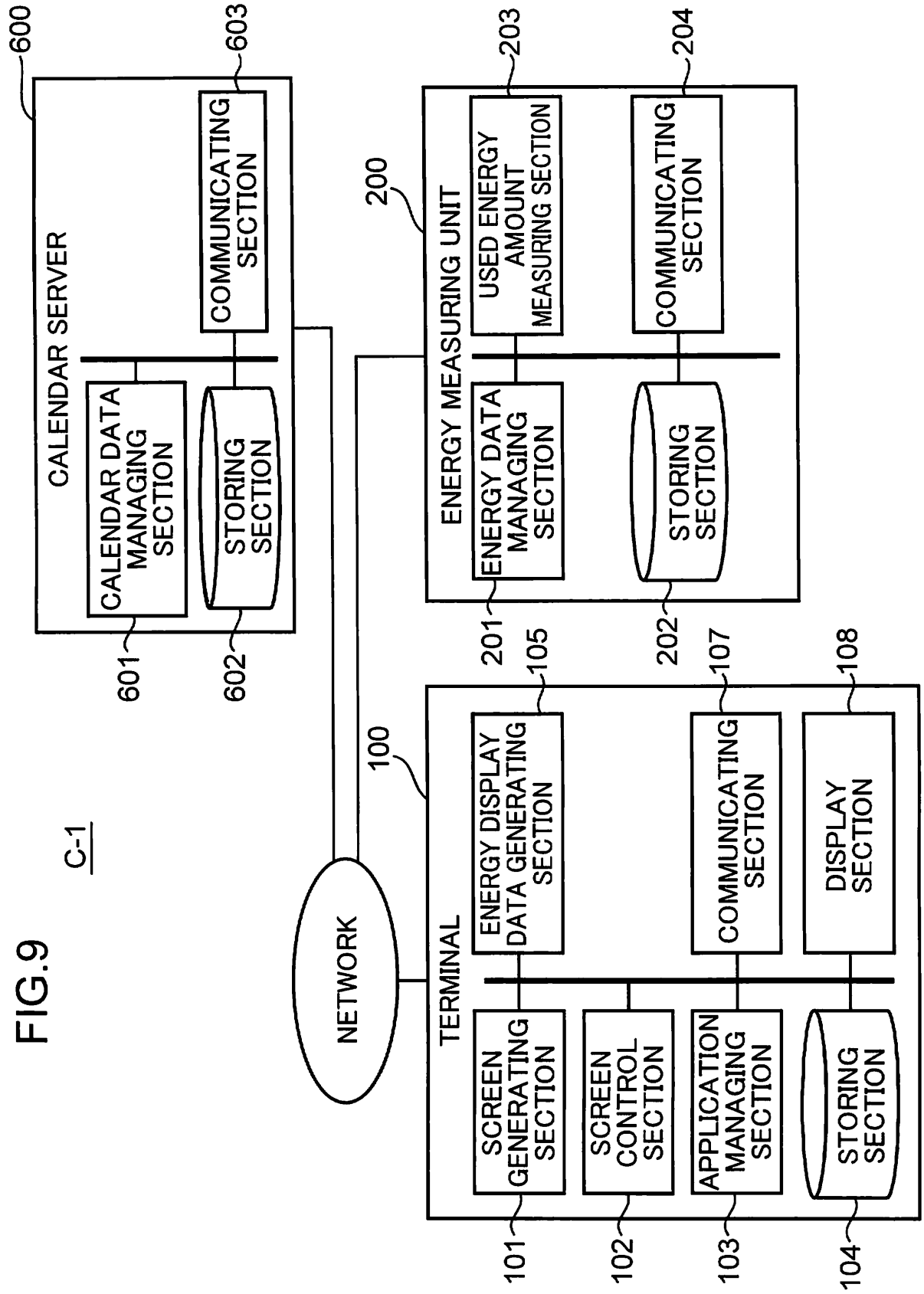

600
CALENDAR SERVER
CALENDAR DATA MANAGING SECTION
601
STORING SECTION
602
COMMUNICATING SECTION
603
NETWORK
200
ENERGY MEASURING UNIT
ENERGY DATA MANAGING SECTION
201
STORING SECTION
202
USED ENERGY AMOUNT MEASURING SECTION
203
COMMUNICATING SECTION
204
100
TERMINAL
SCREEN GENERATING SECTION
101
SCREEN CONTROL SECTION
102
APPLICATION MANAGING SECTION
103
STORING SECTION
104
ENERGY DISPLAY DATA GENERATING SECTION
105
COMMUNICATING SECTION
107
DISPLAY SECTION
108

FIG.10

C-2

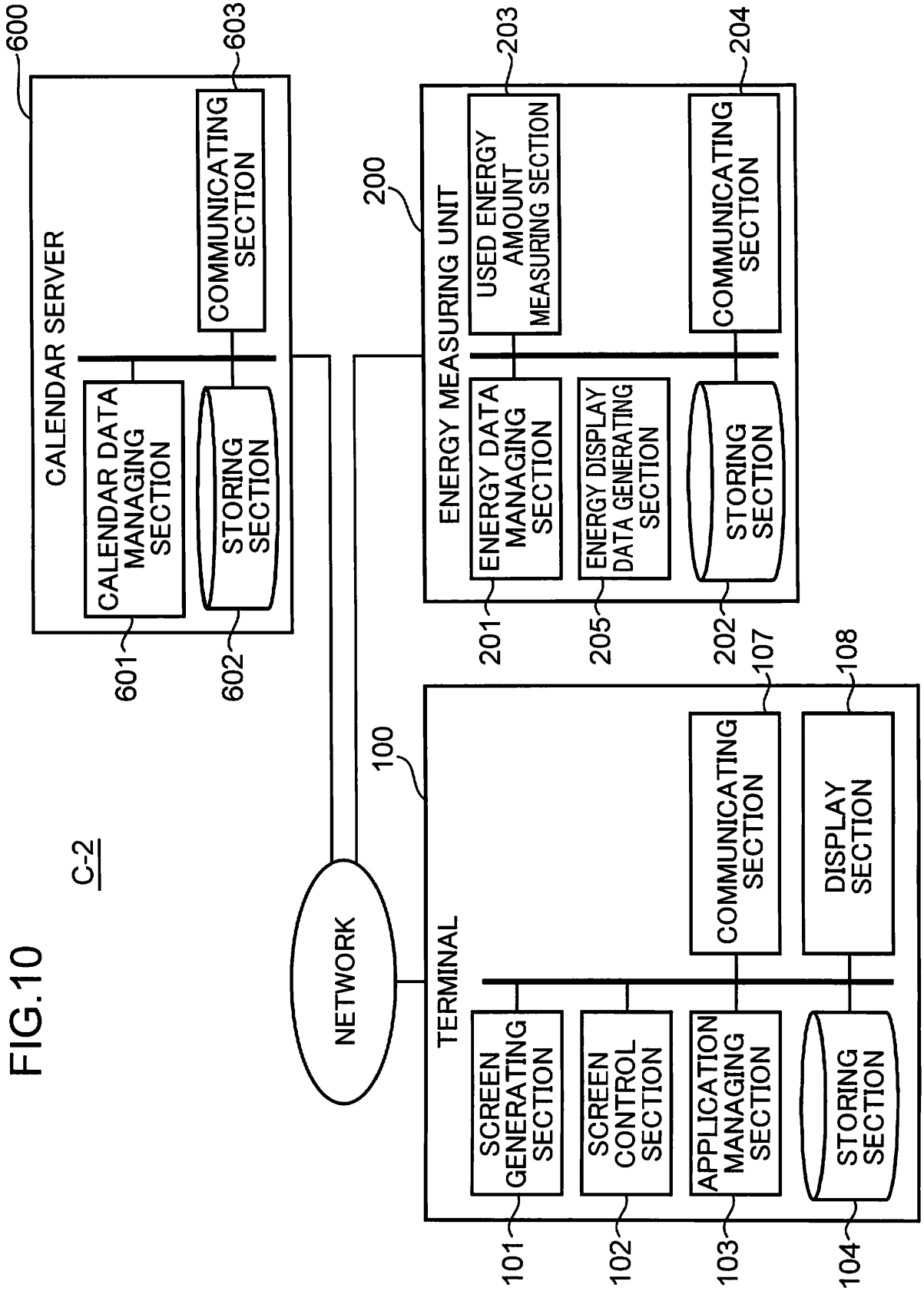

600
CALENDAR SERVER
CALENDAR DATA MANAGING SECTION
STORING SECTION
COMMUNICATING SECTION
603
601
602
200
ENERGY MEASURING UNIT
ENERGY DATA MANAGING SECTION
ENERGY DISPLAY DATA GENERATING SECTION
STORING SECTION
USED ENERGY AMOUNT MEASURING SECTION
COMMUNICATING SECTION
203
204
201
205
202
NETWORK
100
TERMINAL
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
COMMUNICATING SECTION
DISPLAY SECTION
107
108
101
102
103
104

FIG.11

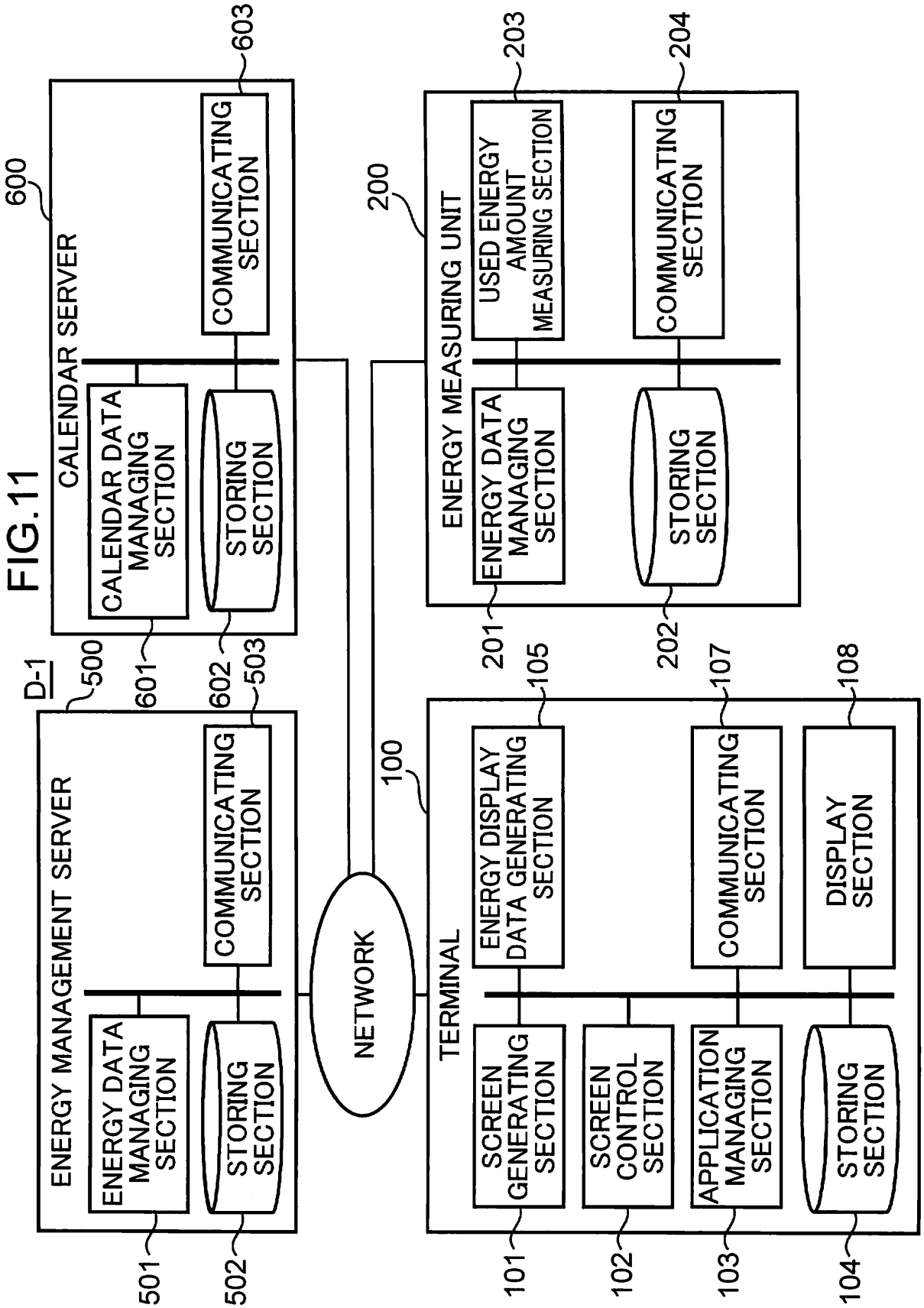

D-1
ENERGY MANAGEMENT SERVER
500
ENERGY DATA MANAGING SECTION
501
STORING SECTION
502
COMMUNICATING SECTION
503
CALENDAR SERVER
600
CALENDAR DATA MANAGING SECTION
601
STORING SECTION
602
COMMUNICATING SECTION
603
NETWORK
100
TERMINAL
SCREEN GENERATING SECTION
101
SCREEN CONTROL SECTION
102
APPLICATION MANAGING SECTION
103
STORING SECTION
104
ENERGY DISPLAY DATA GENERATING SECTION
105
COMMUNICATING SECTION
107
DISPLAY SECTION
108
ENERGY MEASURING UNIT
200
ENERGY DATA MANAGING SECTION
201
STORING SECTION
202
USED ENERGY AMOUNT MEASURING SECTION
203
COMMUNICATING SECTION
204

FIG.12

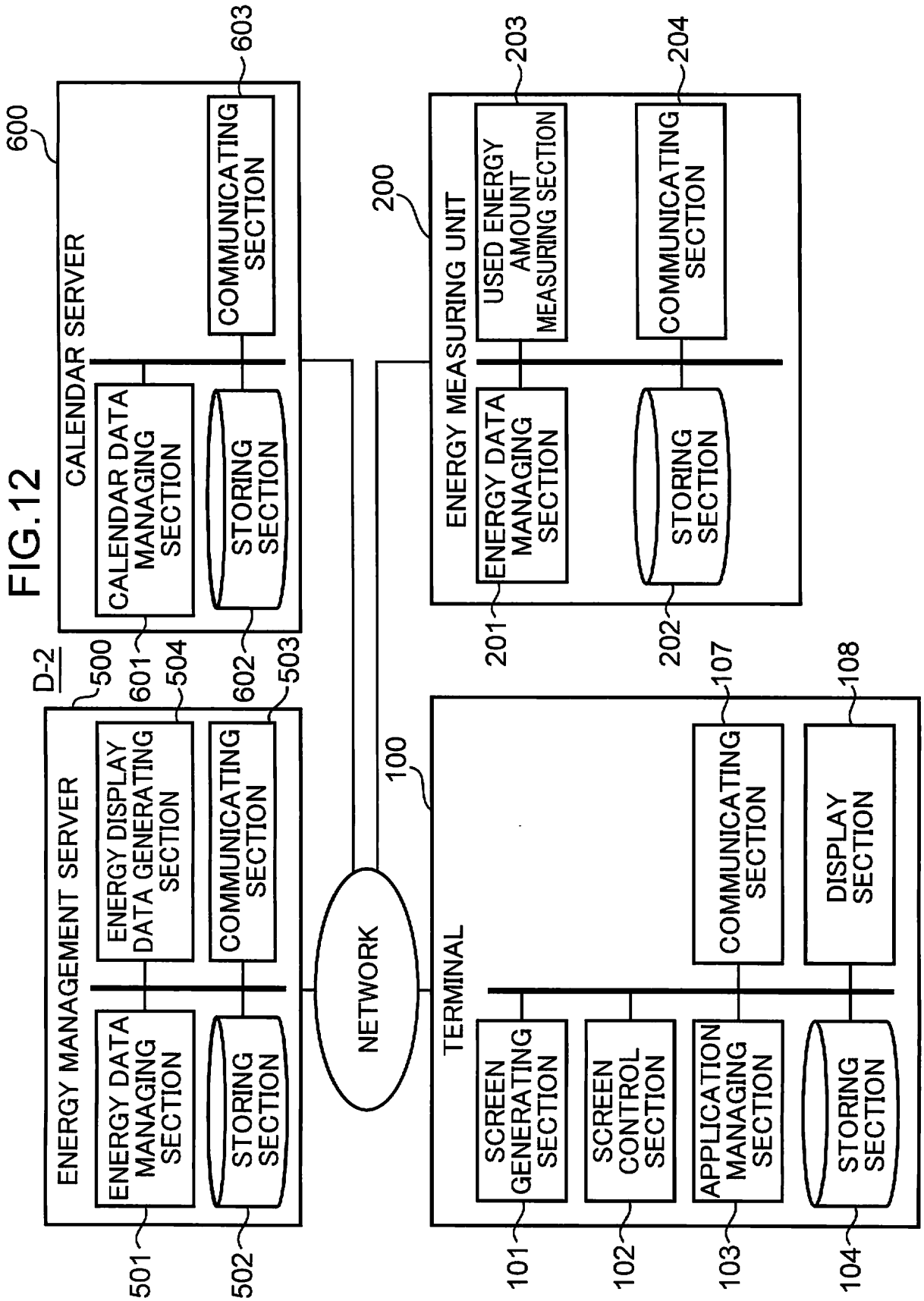

600
CALENDAR SERVER
603
COMMUNICATING SECTION
CALENDAR DATA MANAGING SECTION
STORING SECTION
601
602
D-2
500
ENERGY MANAGEMENT SERVER
ENERGY DISPLAY DATA GENERATING SECTION
504
COMMUNICATING SECTION
503
ENERGY DATA MANAGING SECTION
STORING SECTION
501
502
NETWORK
100
200
ENERGY MEASURING UNIT
USED ENERGY AMOUNT MEASURING SECTION
203
COMMUNICATING SECTION
204
ENERGY DATA MANAGING SECTION
STORING SECTION
201
202
TERMINAL
107
COMMUNICATING SECTION
108
DISPLAY SECTION
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
101
102
103
104

FIG.13

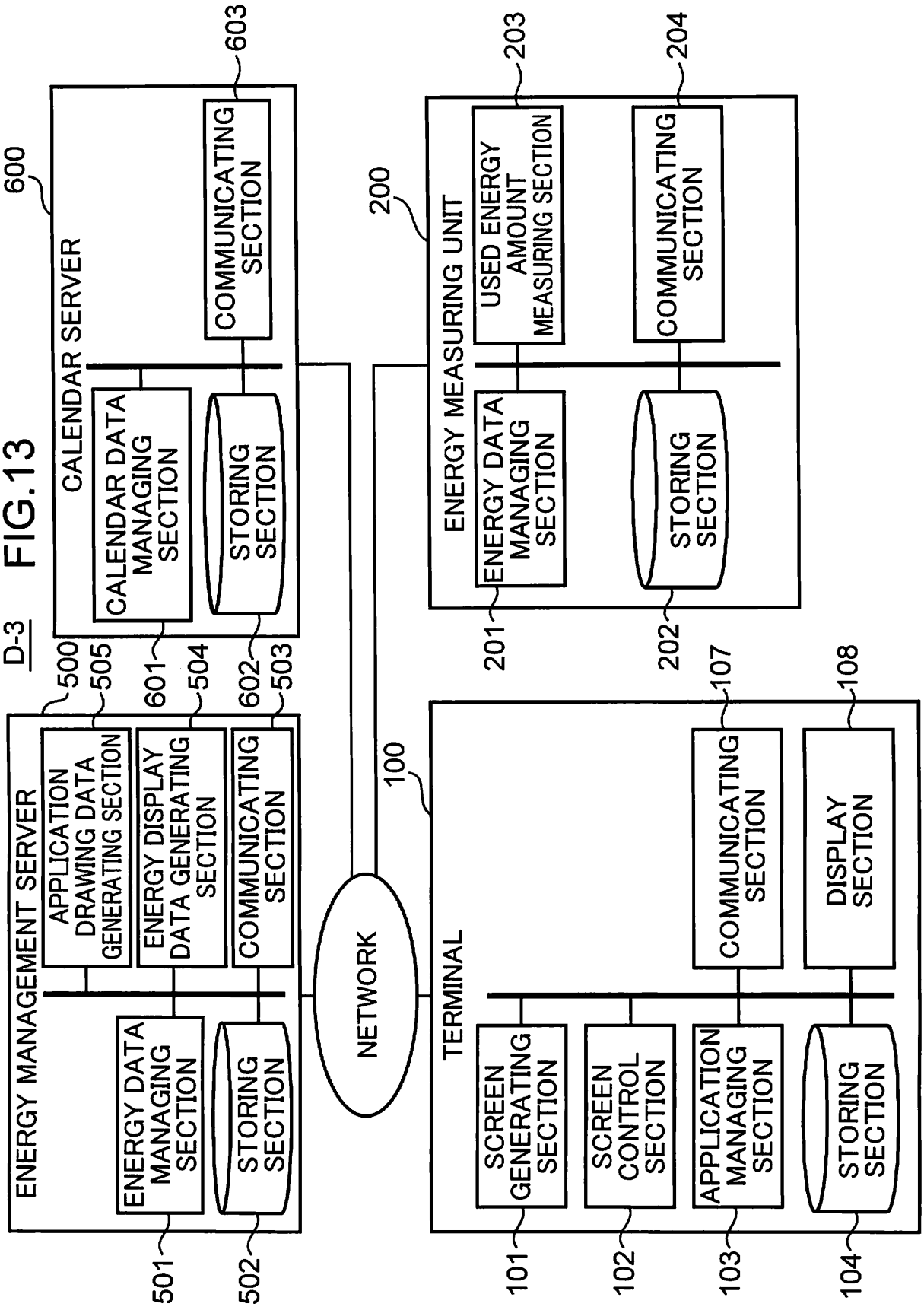

D-3
600
CALENDAR SERVER
603
COMMUNICATING SECTION
CALENDAR DATA MANAGING SECTION
STORING SECTION
601
602
ENERGY MANAGEMENT SERVER
500
APPLICATION DRAWING DATA GENERATING SECTION
505
ENERGY DISPLAY DATA GENERATING SECTION
504
COMMUNICATING SECTION
503
ENERGY DATA MANAGING SECTION
STORING SECTION
501
502
NETWORK
100
200
ENERGY MEASURING UNIT
203
USED ENERGY AMOUNT MEASURING SECTION
204
COMMUNICATING SECTION
ENERGY DATA MANAGING SECTION
STORING SECTION
201
202
TERMINAL
107
COMMUNICATING SECTION
108
DISPLAY SECTION
SCREEN GENERATING SECTION
SCREEN CONTROL SECTION
APPLICATION MANAGING SECTION
STORING SECTION
101
102
103
104

FIG.14

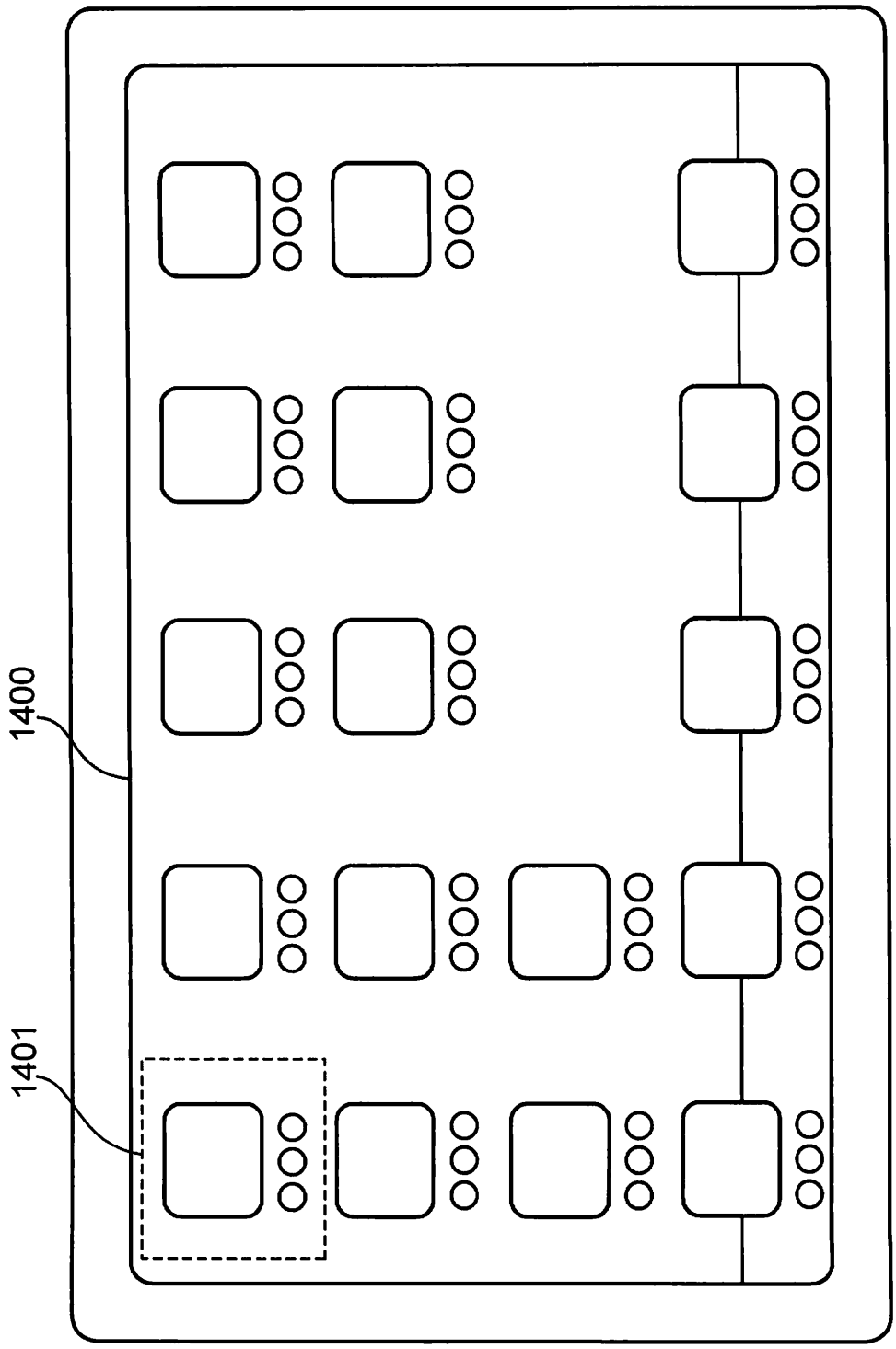


FIG.15

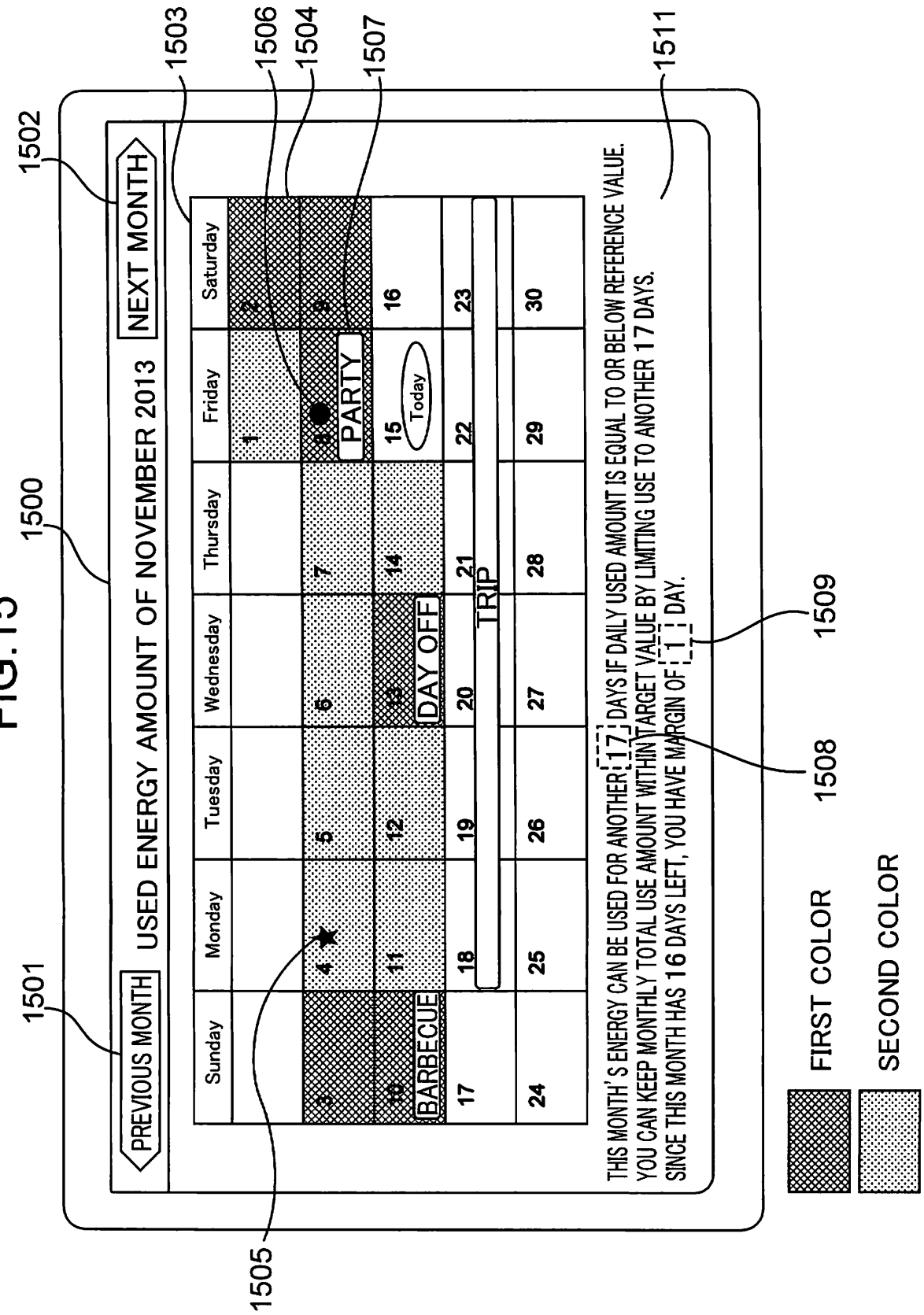

1500
1501
1502
1503
1504
1505
1506
1507
1508
1509
1511
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.
FIRST COLOR
SECOND COLOR

FIG.16

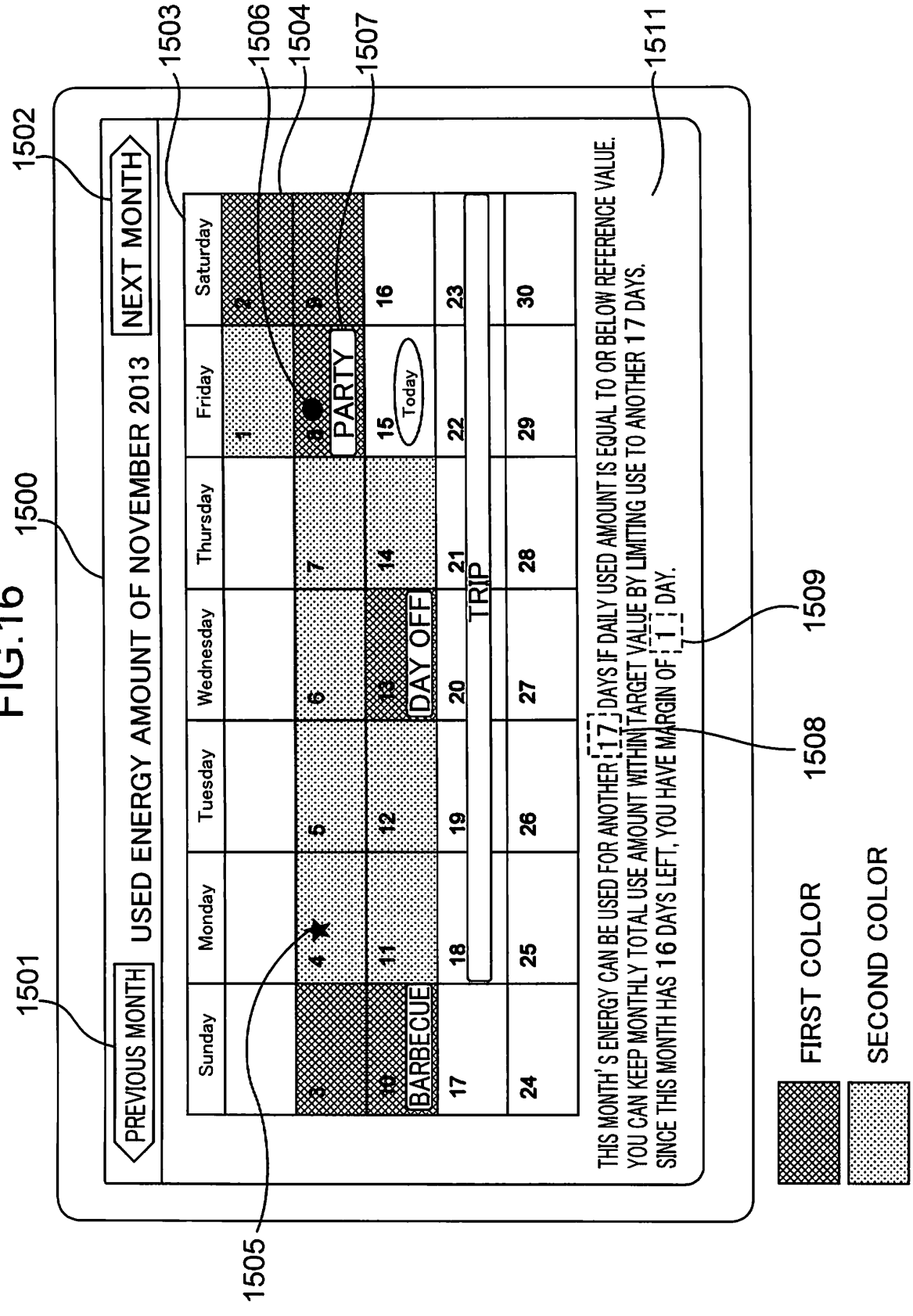

1500
1501
1502
1503
1504
1505
1506
1507
1508
1509
1511
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.
FIRST COLOR
SECOND COLOR

FIG.17

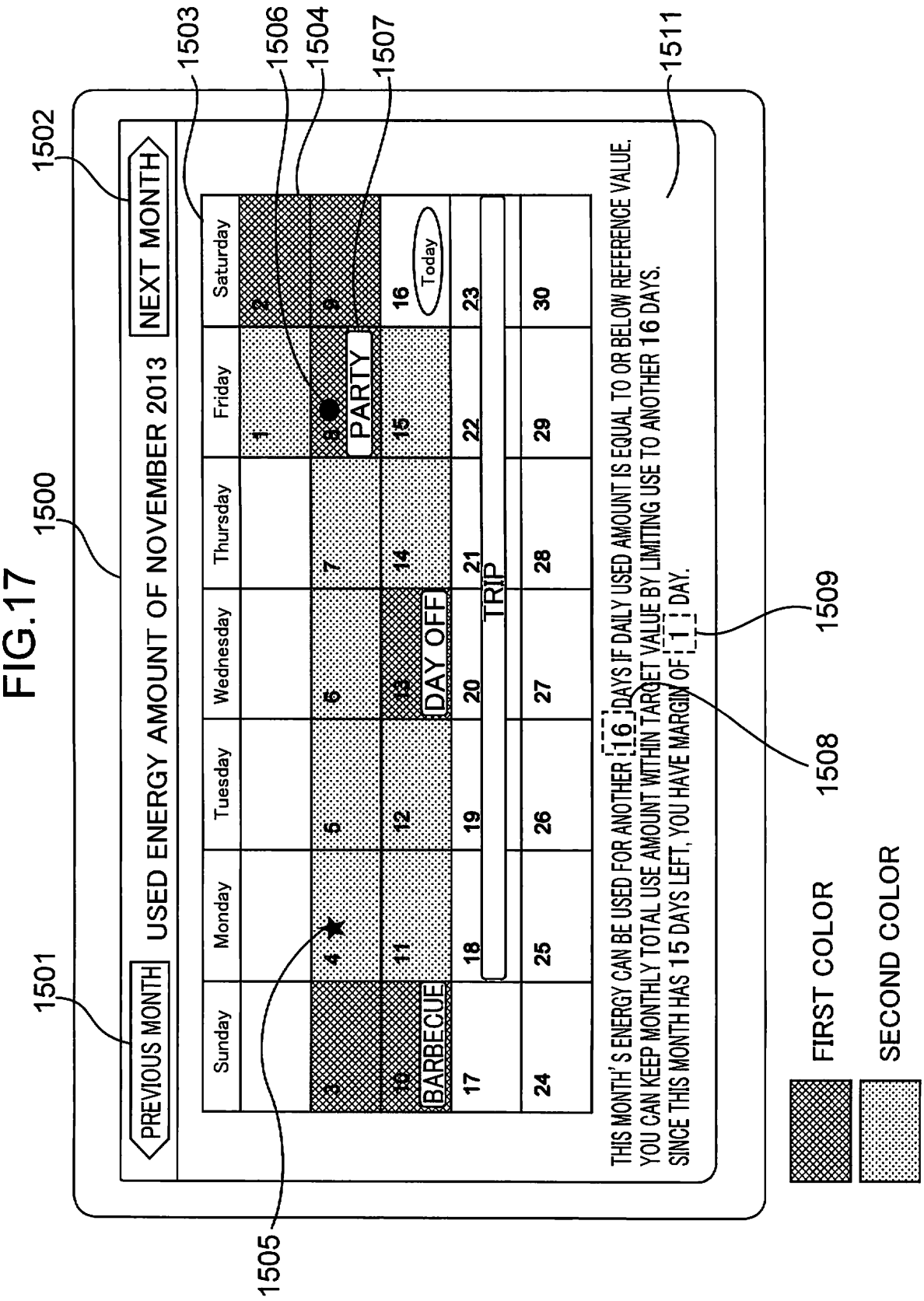

1501
1500
1502
1503
1506
1504
1507
1511
1505
1508
1509
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH' S ENERGY CAN BE USED FOR ANOTHER 16 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 16 DAYS.
SINCE THIS MONTH HAS 15 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.
FIRST COLOR
SECOND COLOR

FIG.18

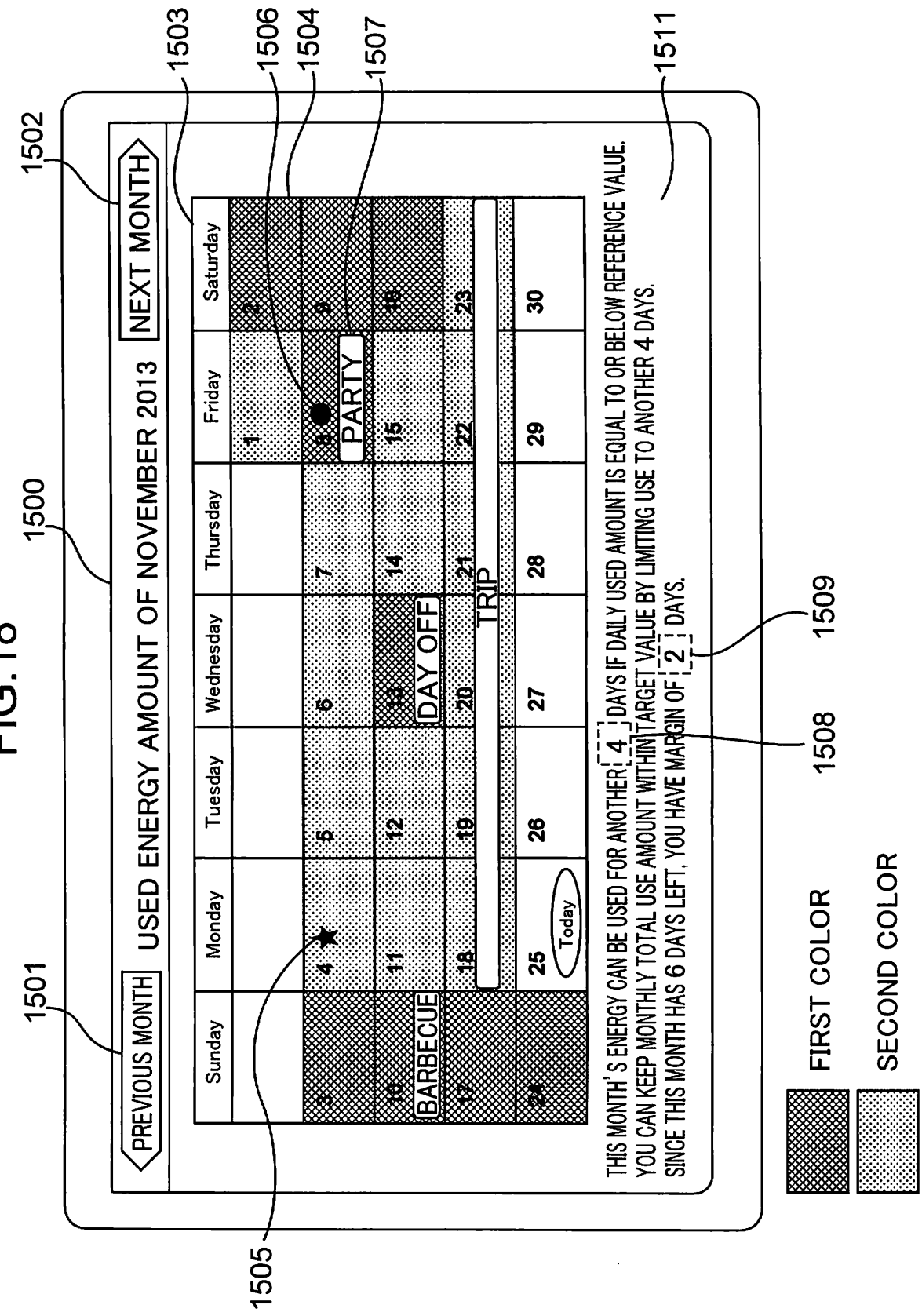

1501
1502
1500
1503
1506
1504
1507
1511
1505
1508
1509
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
BARBECUE
DAY OFF
TRIP
Today
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER [4] DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 4 DAYS.
SINCE THIS MONTH HAS 6 DAYS LEFT, YOU HAVE MARGIN OF [2] DAYS.
FIRST COLOR
SECOND COLOR

FIG.19

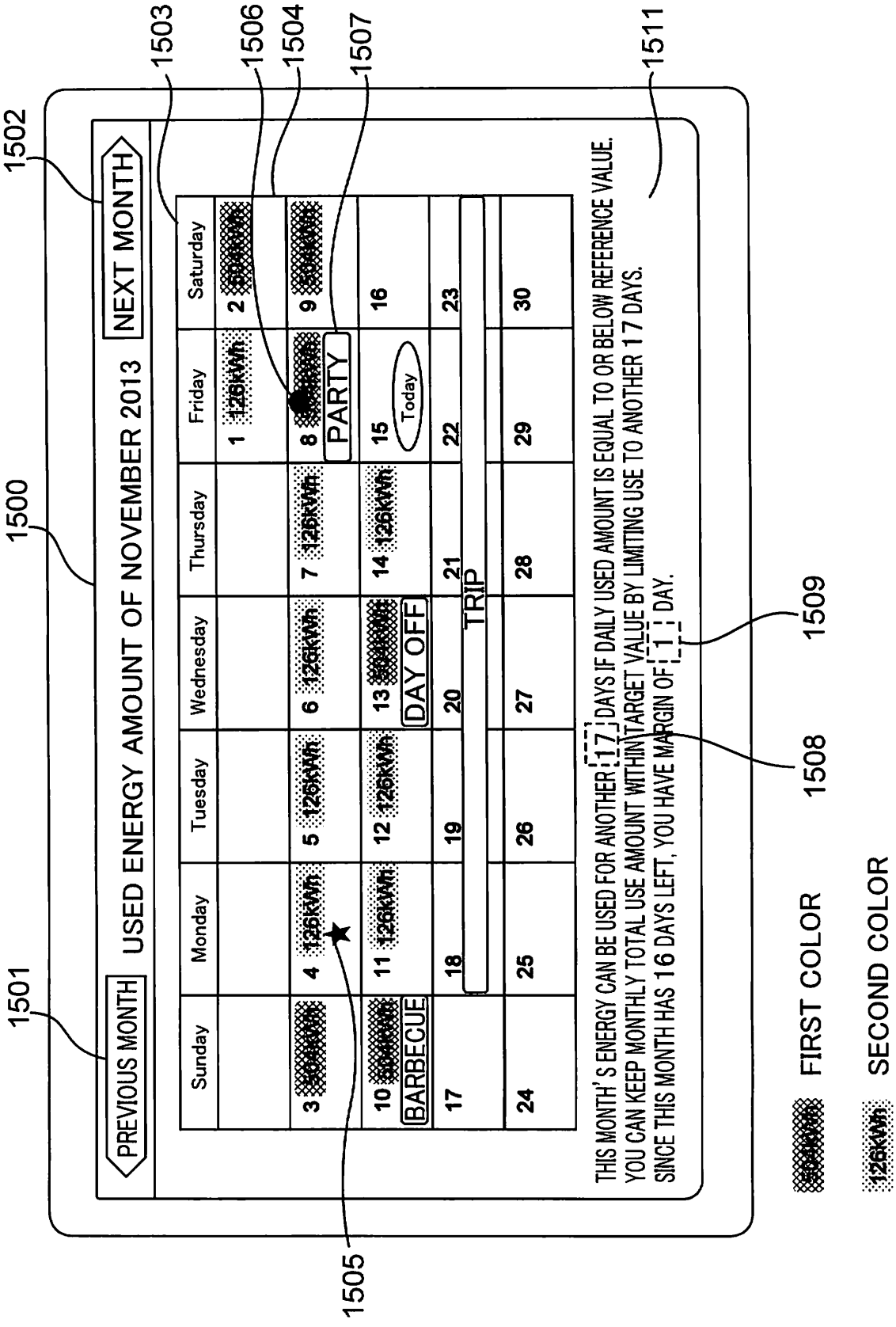

1501
1502
1500
1503
1506
1504
1507
1511
1505
1508
1509
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
1 126KWh
2
3
4 126KWh
5 126KWh
6 126KWh
7 126KWh
8
9
10
11 126KWh
12 126KWh
13
14 126KWh
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.
FIRST COLOR
SECOND COLOR
126KWh

FIG.20

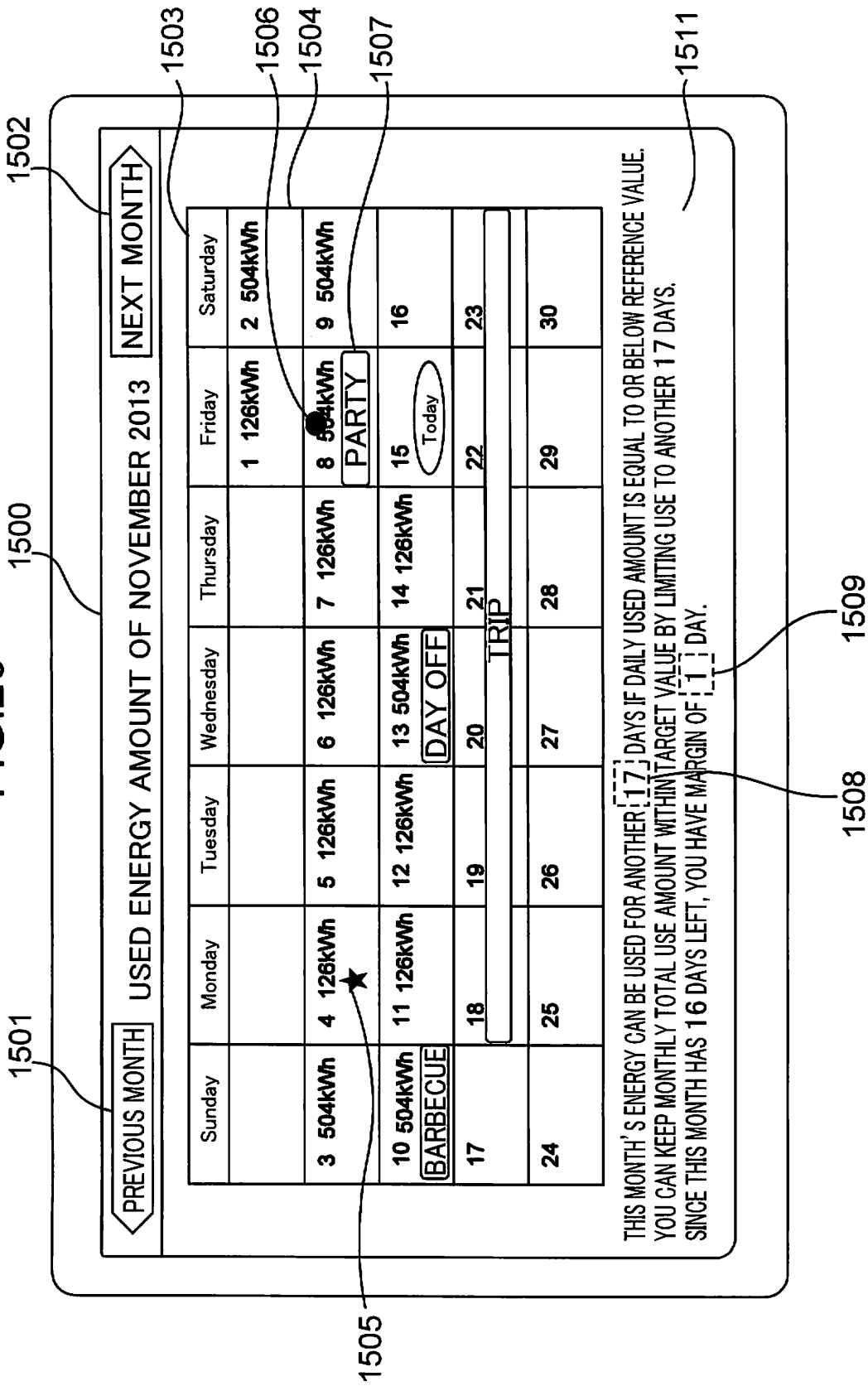

1501
1500
1502
1503
1506
1504
1507
1505
1509
1508
1511
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
1 126kWh
2 504kWh
3 504kWh
4 126kWh
5 126kWh
6 126kWh
7 126kWh
8 504kWh
9 504kWh
PARTY
10 504kWh
BARBECUE
11 126kWh
12 126kWh
13 504kWh
DAY OFF
14 126kWh
15
Today
16
17
18
19
20
21
22
23
TRIP
24
25
26
27
28
29
30
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.

FIG.21

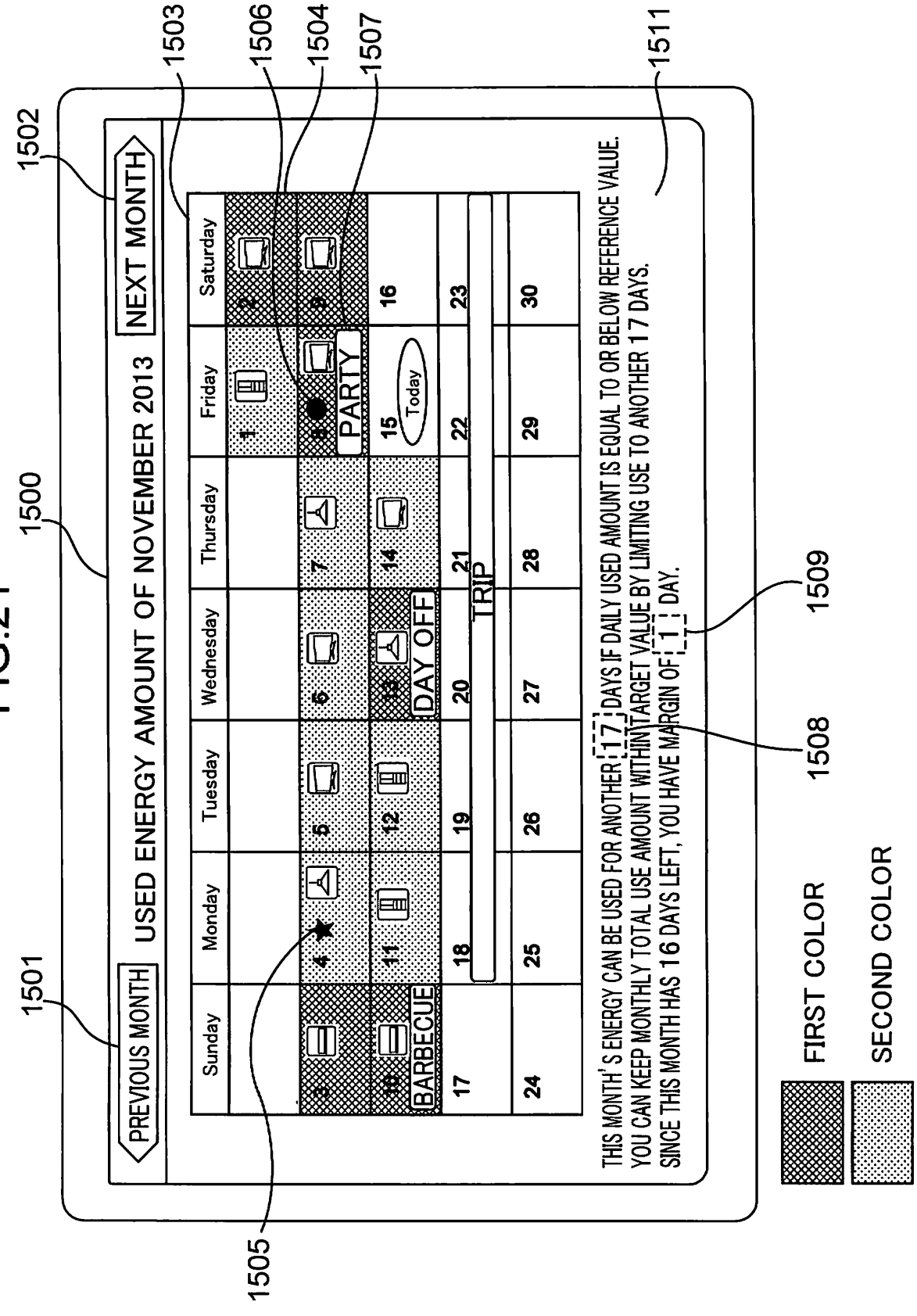

1501
1500
1502
1503
1506
1504
1507
1511
1505
1508
1509
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH'S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.
FIRST COLOR
SECOND COLOR

FIG.22

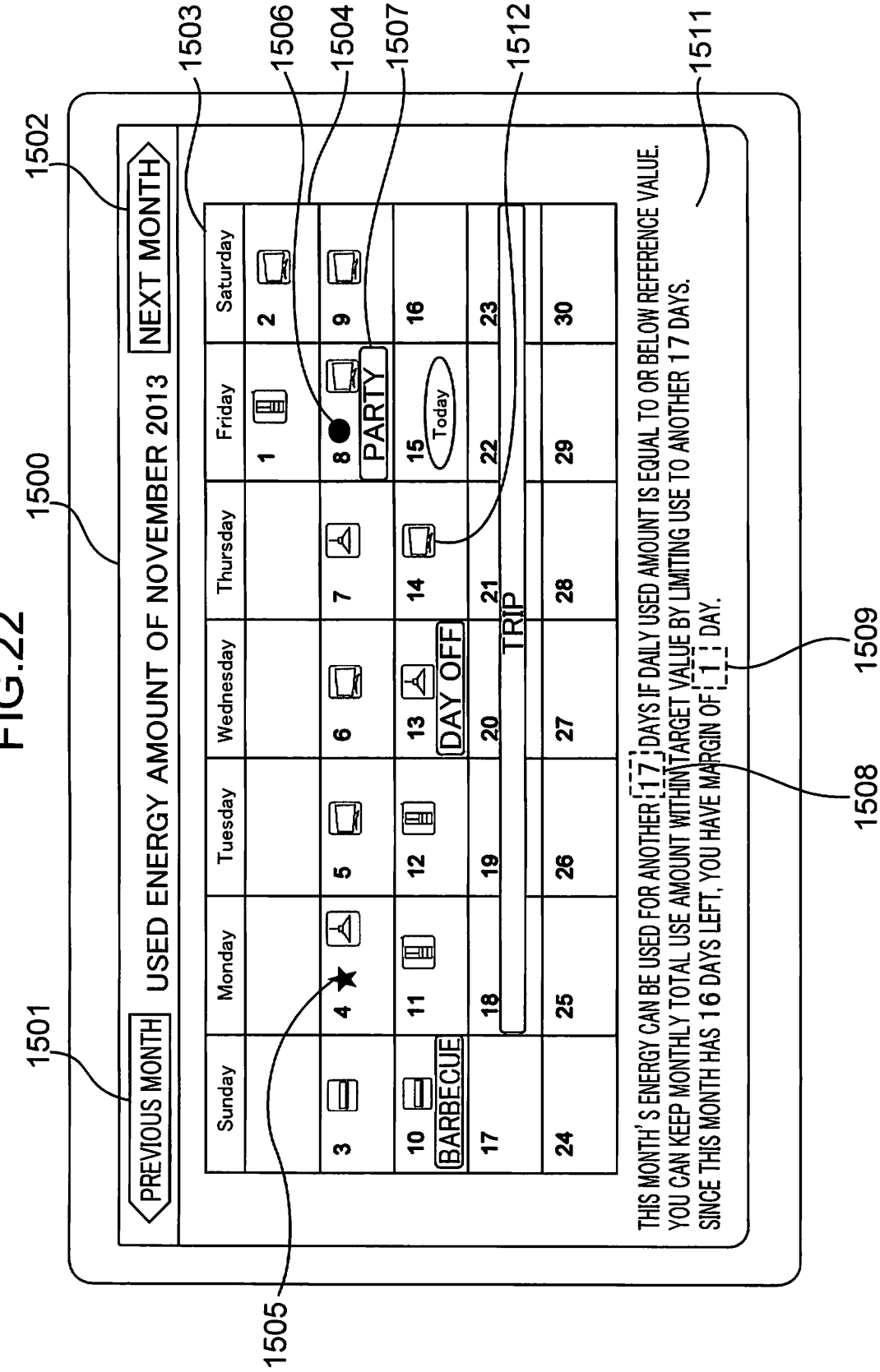

1501
1500
1502
1503
1506
1504
1507
1512
1511
1505
1509
1508
PREVIOUS MONTH
USED ENERGY AMOUNT OF NOVEMBER 2013
NEXT MONTH
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
PARTY
Today
BARBECUE
DAY OFF
TRIP
THIS MONTH' S ENERGY CAN BE USED FOR ANOTHER 17 DAYS IF DAILY USED AMOUNT IS EQUAL TO OR BELOW REFERENCE VALUE.
YOU CAN KEEP MONTHLY TOTAL USE AMOUNT WITHIN TARGET VALUE BY LIMITING USE TO ANOTHER 17 DAYS.
SINCE THIS MONTH HAS 16 DAYS LEFT, YOU HAVE MARGIN OF 1 DAY.

FIG.23

2300

REFERENCE VALUE (TARGET VALUE OF USED ENERGY AMOUNT PER DAY)	400kWh
MONTHLY TARGET VALUE	12000kWh

FIG.24

2400

USER ID	DATA ID	DATE AND TIME	USED ENERGY AMOUNT		
				BREAKDOWN	
			TOTAL	INSTALLATION LOCATION/DEVICE NAME	PER DEVICE TOTAL
USER A	0001	2013.11.01 10:00:00	20kWh	LIVING ROOM/AIR CONDITIONER	10kWh
				LIVING ROOM/LIGHTING FIXTURE	2kWh
				LIVING ROOM/TELEVISION SET	3kWh
				KITCHEN/REFRIGERATOR	2kWh
				OTHER/WASHING MACHINE	2kWh
				OTHER/OTHER DEVICE	1kWh
USER A	0002	2013.11.01 11:00:00	32kWh	LIVING ROOM/AIR CONDITIONER	15kWh
				LIVING ROOM/LIGHTING FIXTURE	5kWh
				LIVING ROOM/TELEVISION SET	7kWh
				KITCHEN/REFRIGERATOR	3kWh
				OTHER/WASHING MACHINE	1kWh
				OTHER/OTHER DEVICE	1kWh
...	...	...	...	...	...

FIG.25

2500

DATE	USED ENERGY AMOUNT	COMPARISON WITH REFERENCE VALUE	MOST USED DEVICE
2013.11.01	126kWh	LOWER	KITCHEN/REFRIGERATOR
2013.11.02	504kWh	HIGHER	LIVING ROOM/TELEVISION SET
2013.11.03	504kWh	HIGHER	LIVING ROOM/AIR CONDITIONER
2013.11.04	126kWh	LOWER	BEDROOM/LIGHTING FIXTURE
2013.11.05	126kWh	LOWER	LIVING ROOM/TELEVISION SET
2013.11.06	126kWh	LOWER	LIVING ROOM/TELEVISION SET
2013.11.07	126kWh	LOWER	LIVING ROOM/LIGHTING FIXTURE
2013.11.08	126kWh	LOWER	BEDROOM/TELEVISION SET
2013.11.09	504kWh	HIGHER	CHILD ROOM/TELEVISION SET
...	...	...	...

FIG.26

2600

DATE	TIME	PLAN CONTENT
2013.11.08	13:00－18:00	PARTY
2013.11.10	13:00－16:00	BARBECUE
2013.11.13	09:00－22:00	DAY OFF
2013.11.18	09:00－24:00	TRIP
2013.11.19	00:00－24:00	TRIP
2013.11.20	00:00－24:00	TRIP
2013.11.21	00:00－24:00	TRIP
2013.11.22	00:00－24:00	TRIP
2013.11.23	00:00－24:00	TRIP
2013.12.01	10:00－12:00	SHOPPING
2013.12.08	09:00－24:00	OVERSEAS BUSINESS TRIP
2013.12.09	00:00－24:00	OVERSEAS BUSINESS TRIP
2013.12.10	00:00－24:00	OVERSEAS BUSINESS TRIP
2013.12.11	00:00－24:00	OVERSEAS BUSINESS TRIP
...	...	...

FIG.27

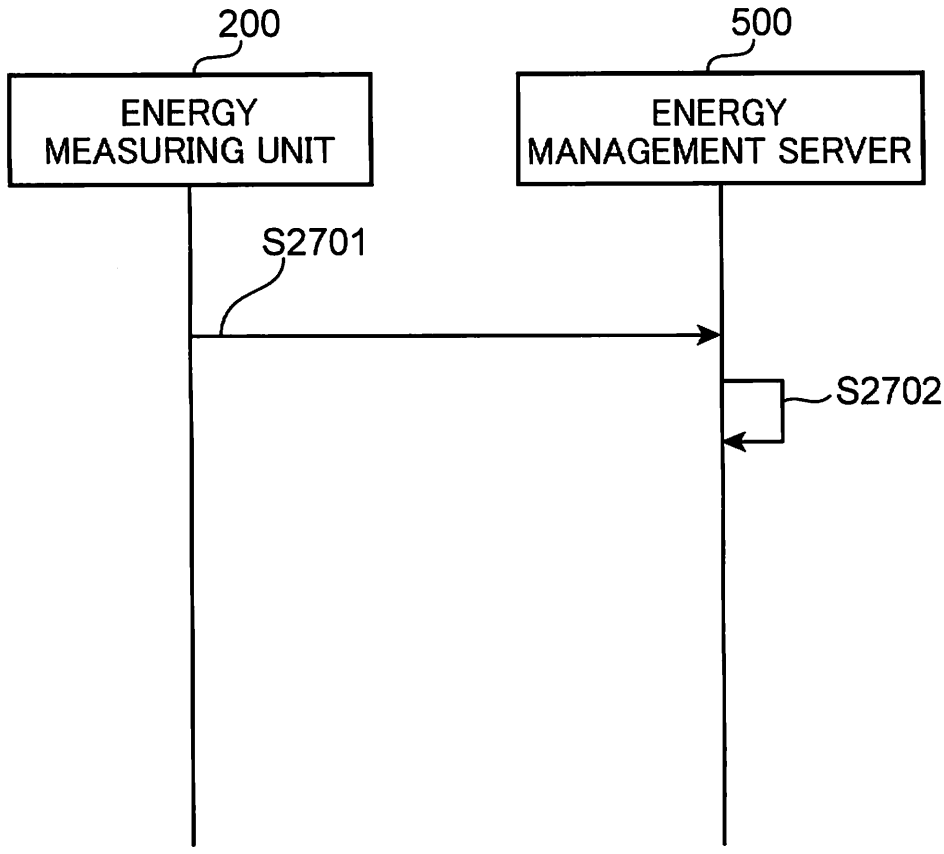

200
500
ENERGY MEASURING UNIT
ENERGY MANAGEMENT SERVER
S2701
S2702

FIG.28

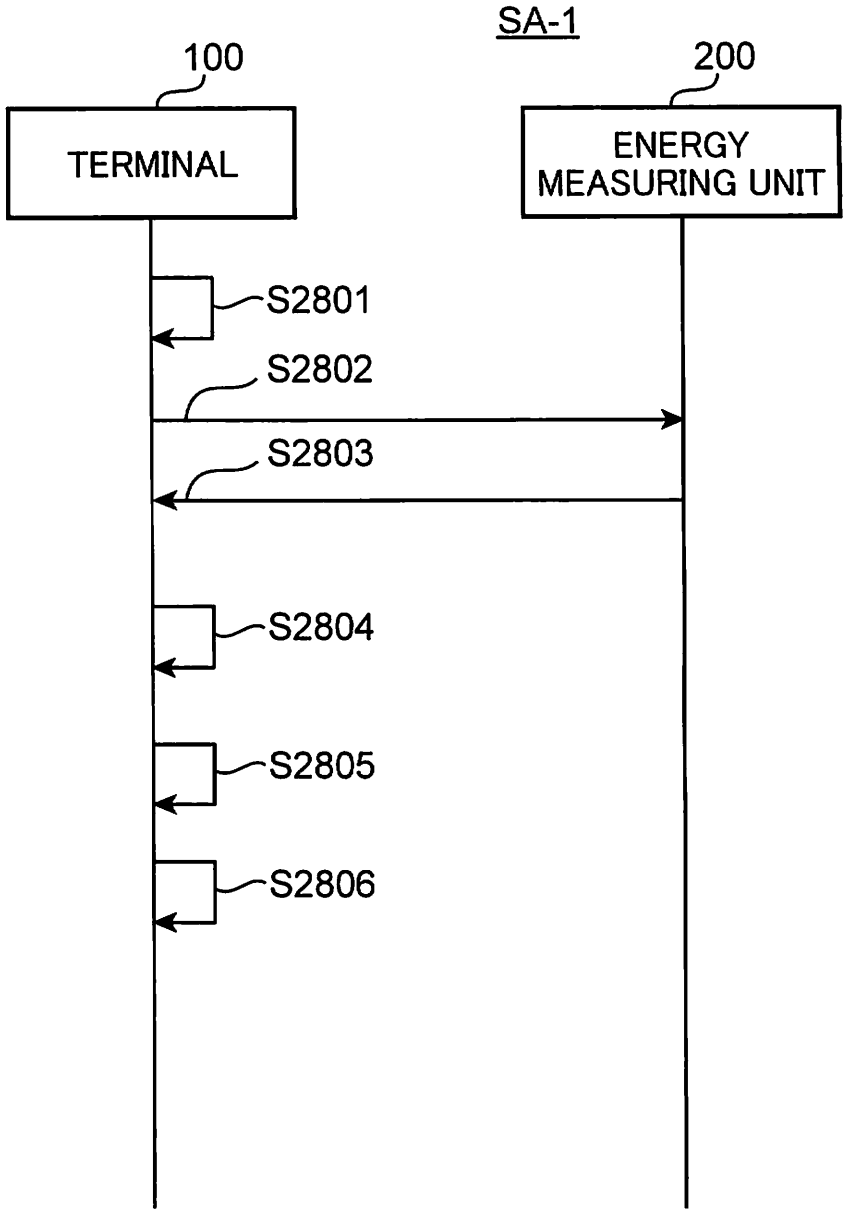

SA-1
100
200
TERMINAL
ENERGY MEASURING UNIT
S2801
S2802
S2803
S2804
S2805
S2806

FIG.29

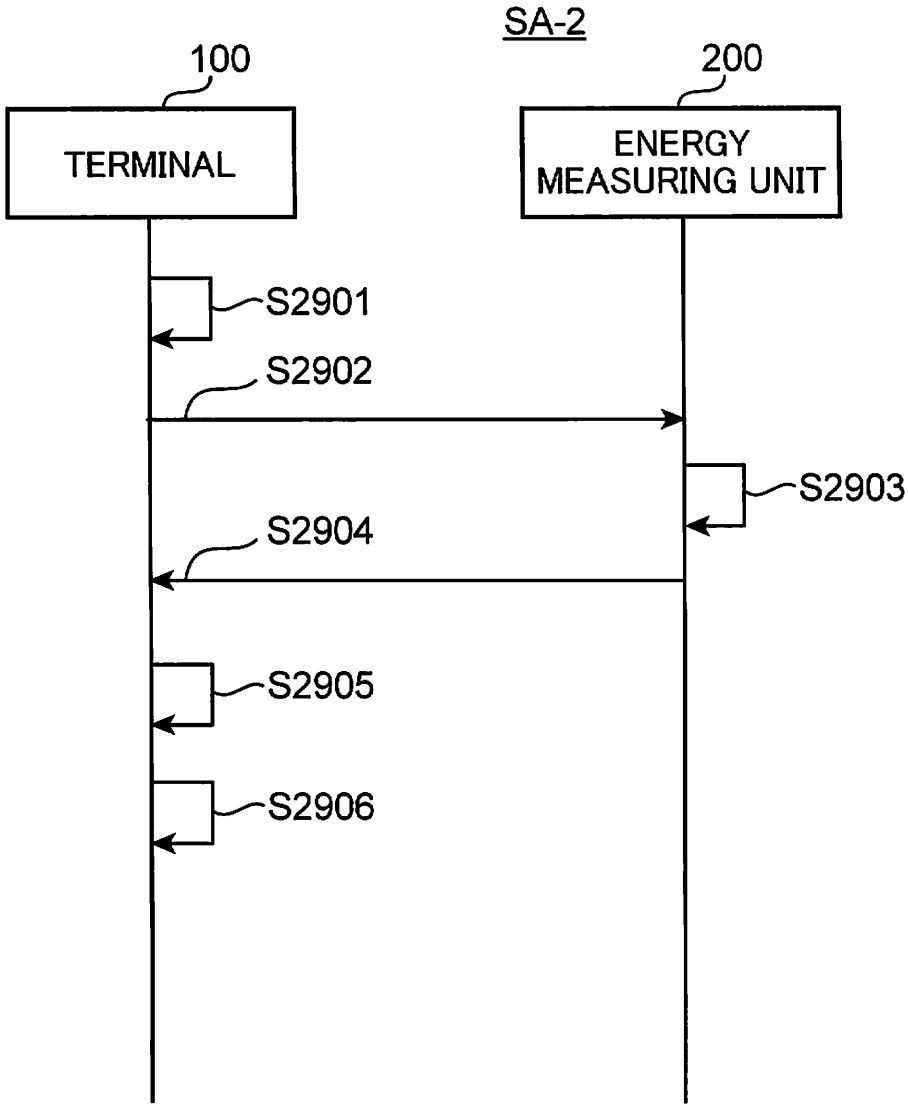

SA-2
100
200
TERMINAL
ENERGY MEASURING UNIT
S2901
S2902
S2903
S2904
S2905
S2906

FIG.30

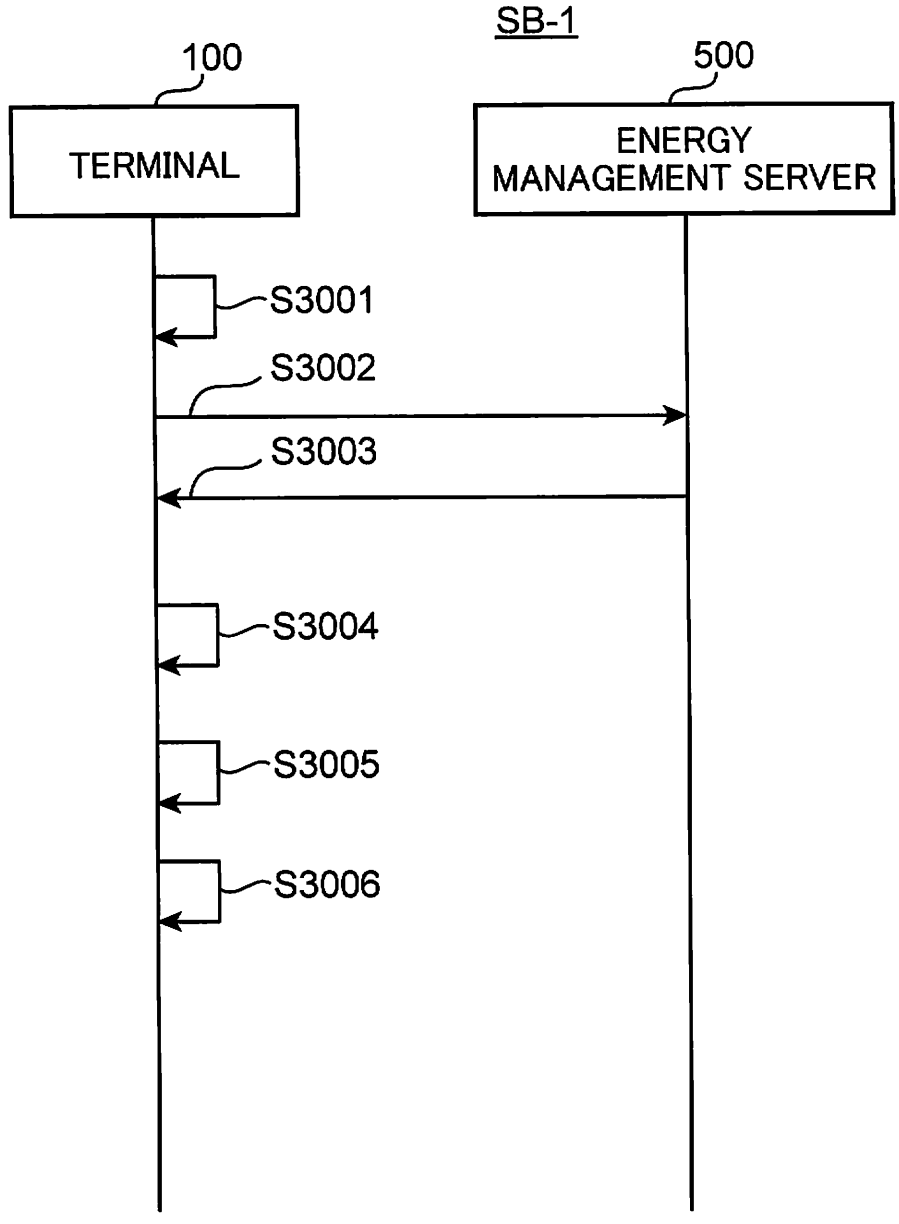

SB-1
100
500
TERMINAL
ENERGY MANAGEMENT SERVER
S3001
S3002
S3003
S3004
S3005
S3006

FIG.31

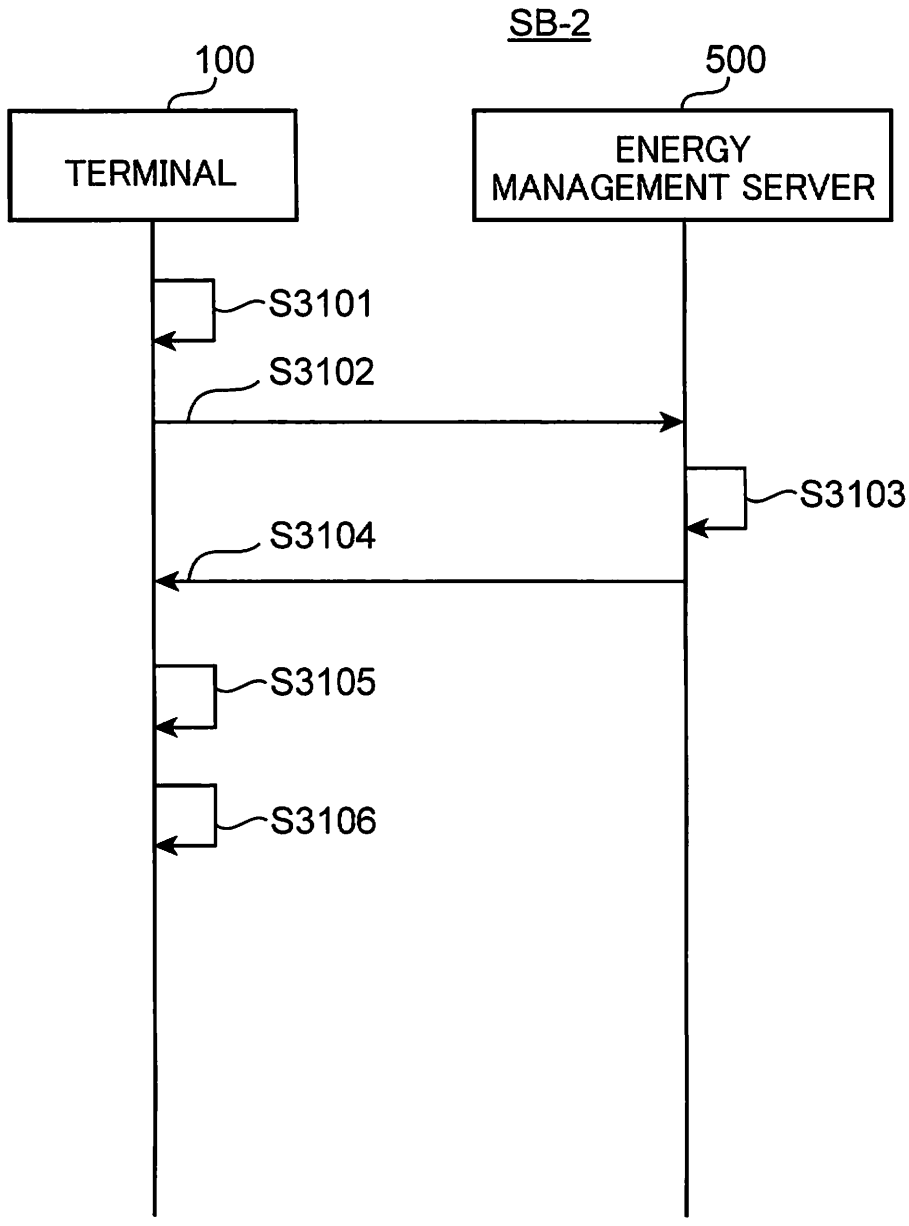

SB-2
100
500
TERMINAL
ENERGY MANAGEMENT SERVER
S3101
S3102
S3103
S3104
S3105
S3106

FIG.32

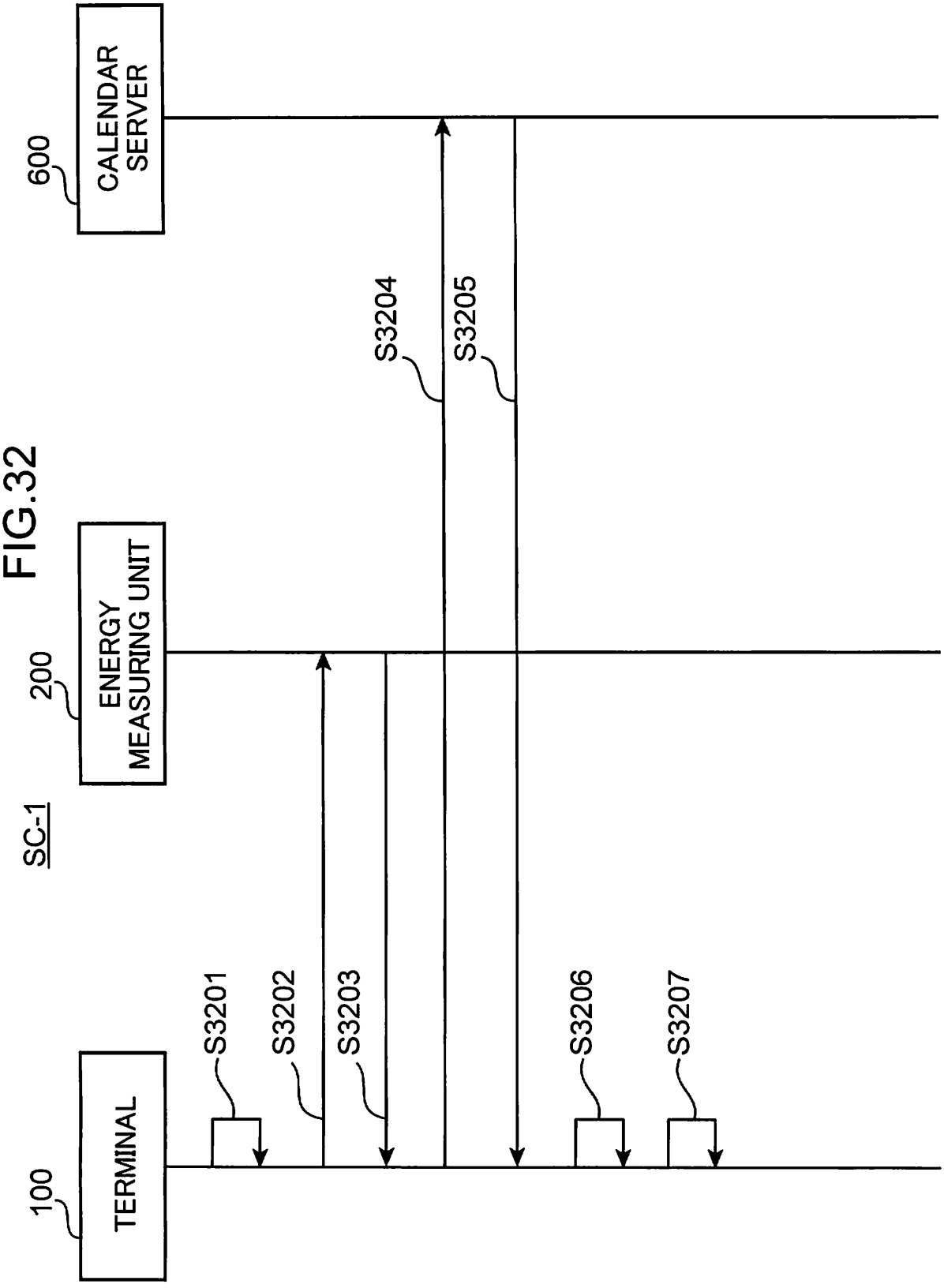

SC-1
100
TERMINAL
200
ENERGY MEASURING UNIT
600
CALENDAR SERVER
S3201
S3202
S3203
S3204
S3205
S3206
S3207

FIG.33

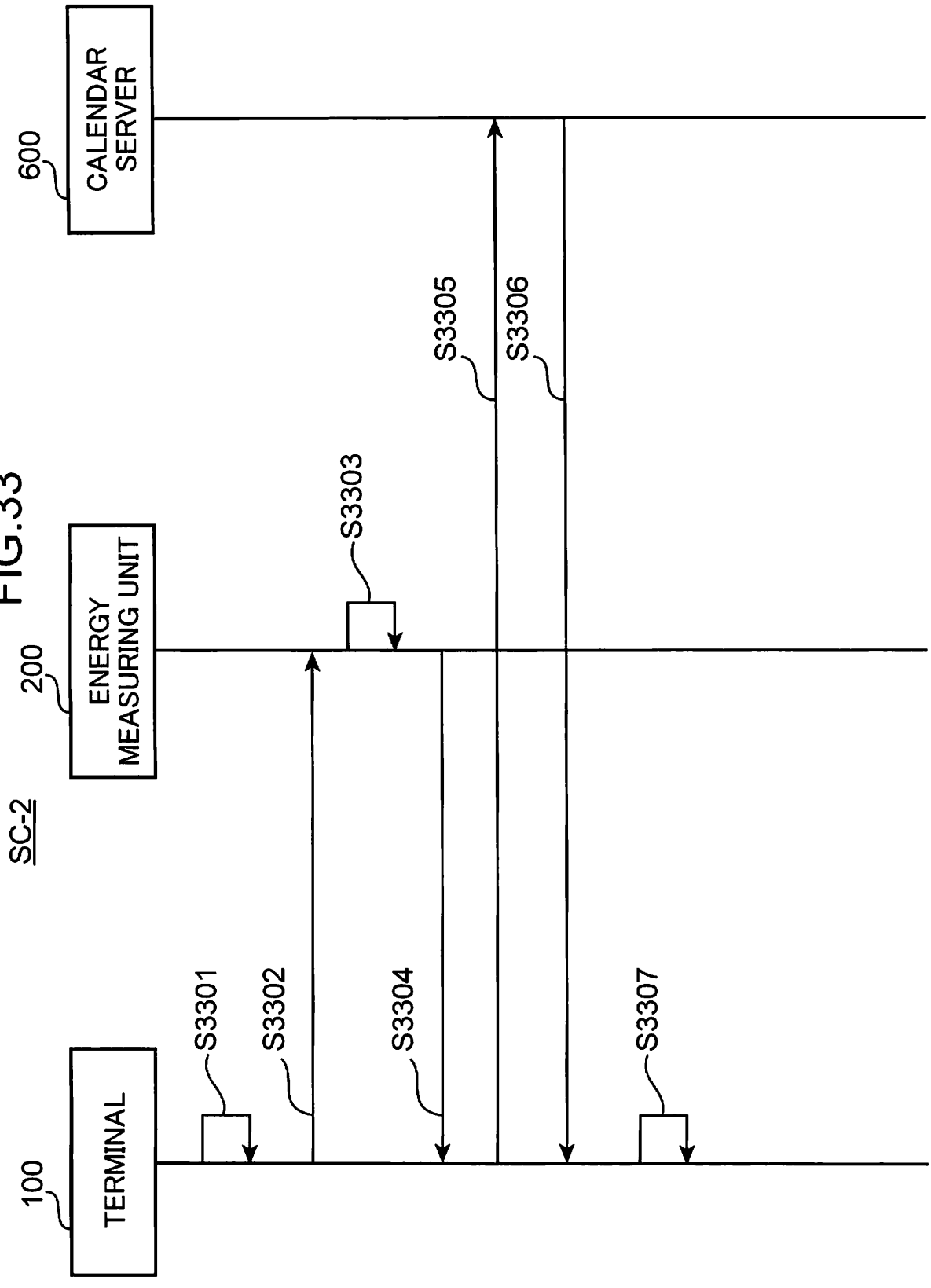

SC-2
100
TERMINAL
200
ENERGY MEASURING UNIT
600
CALENDAR SERVER
S3301
S3302
S3303
S3304
S3305
S3306
S3307

FIG.34

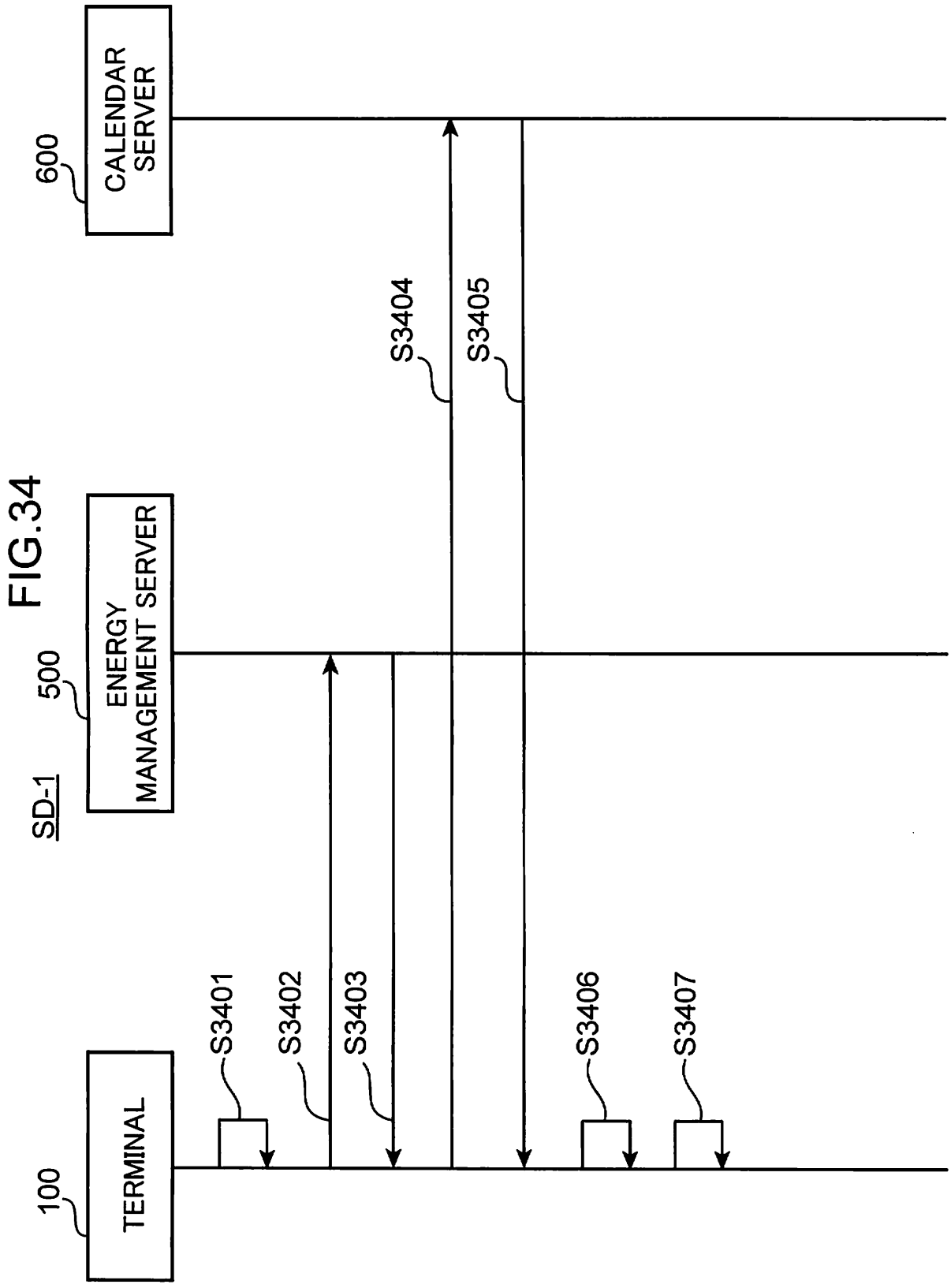

SD-1
100
TERMINAL
500
ENERGY MANAGEMENT SERVER
600
CALENDAR SERVER
S3401
S3402
S3403
S3404
S3405
S3406
S3407

FIG.35

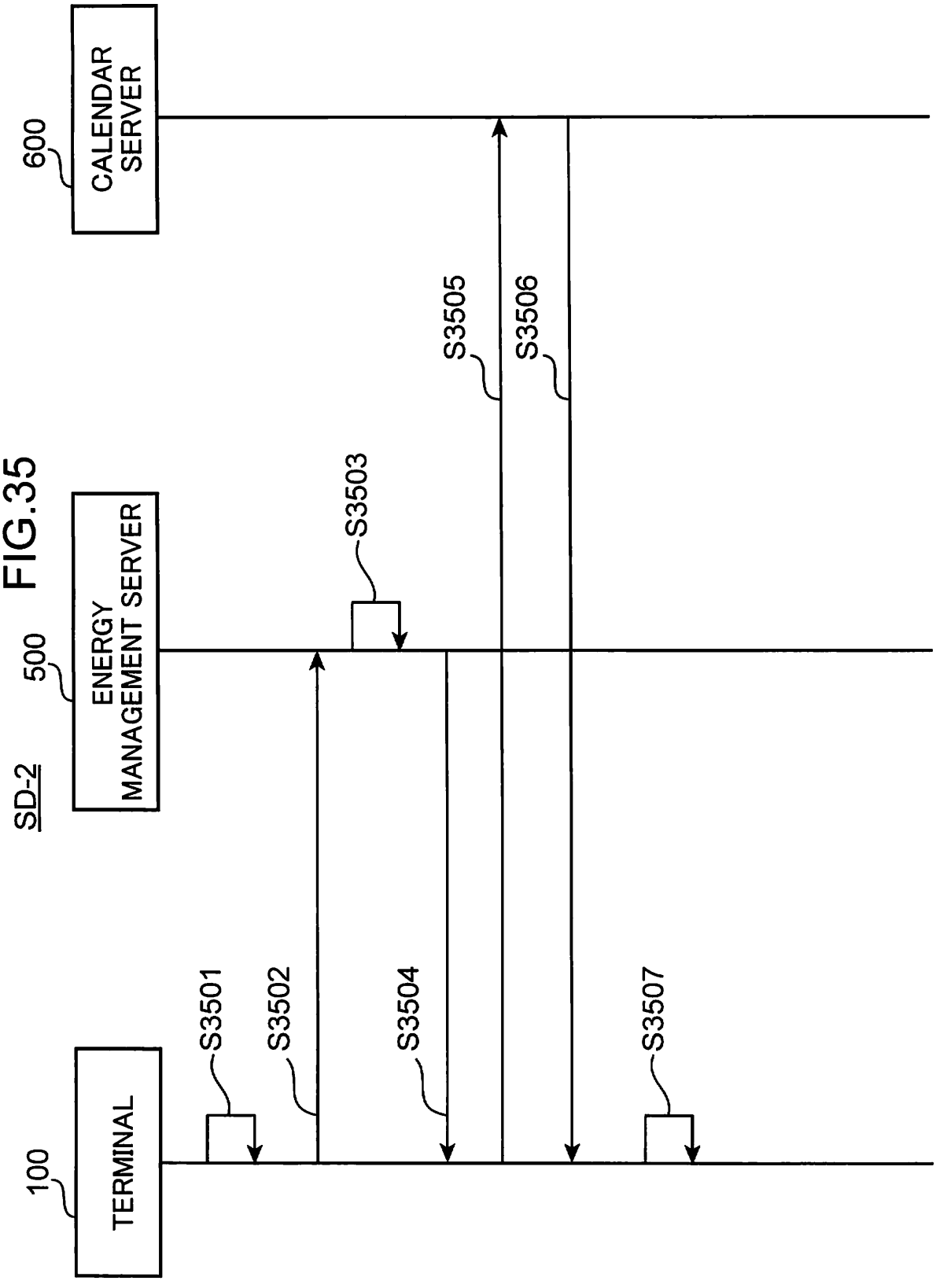

SD-2
100
TERMINAL
500
ENERGY MANAGEMENT SERVER
600
CALENDAR SERVER
S3501
S3502
S3503
S3504
S3505
S3506
S3507

FIG.36

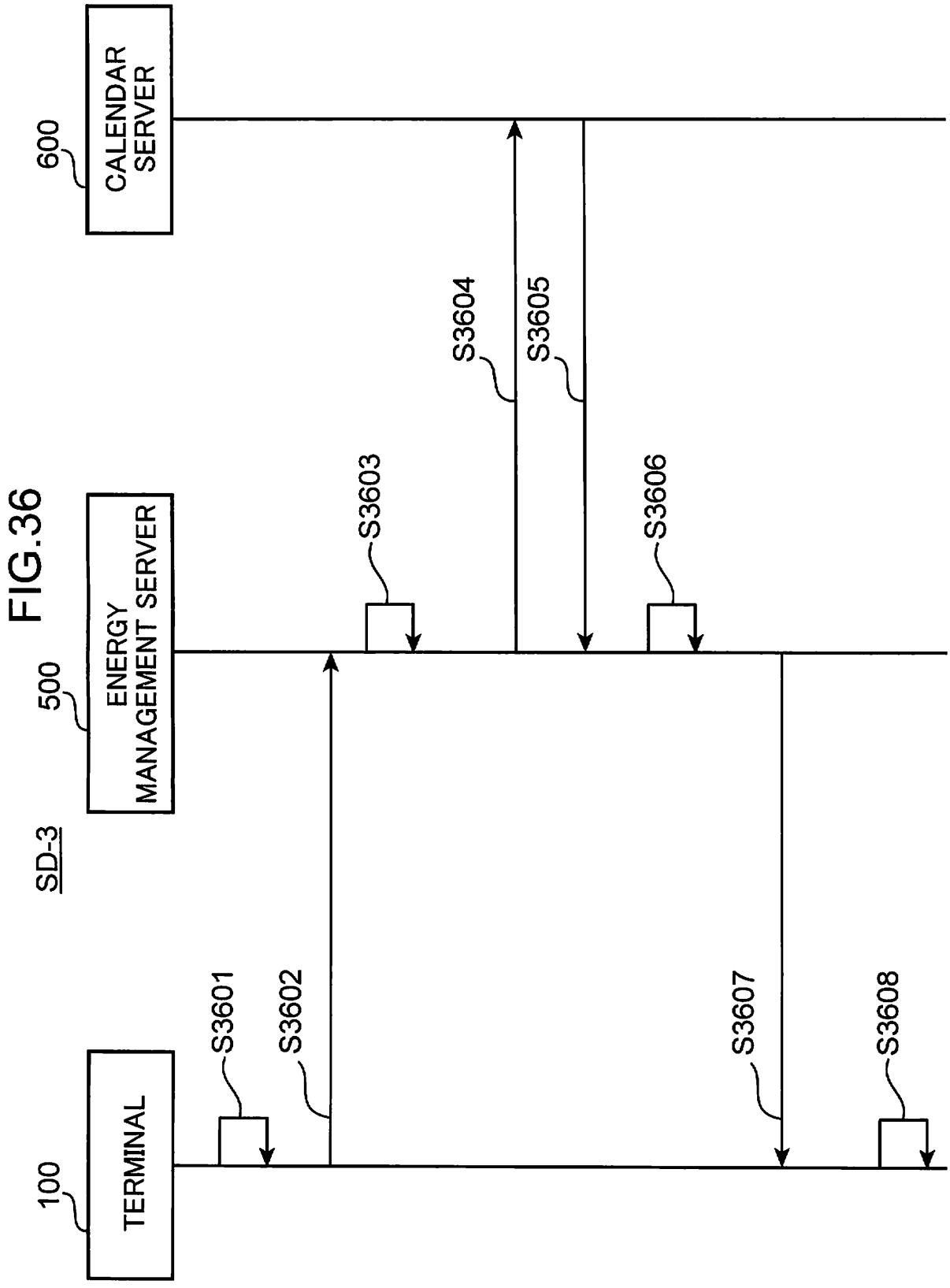

SD-3
100
TERMINAL
500
ENERGY MANAGEMENT SERVER
600
CALENDAR SERVER
S3601
S3602
S3603
S3604
S3605
S3606
S3607
S3608

FIG.37

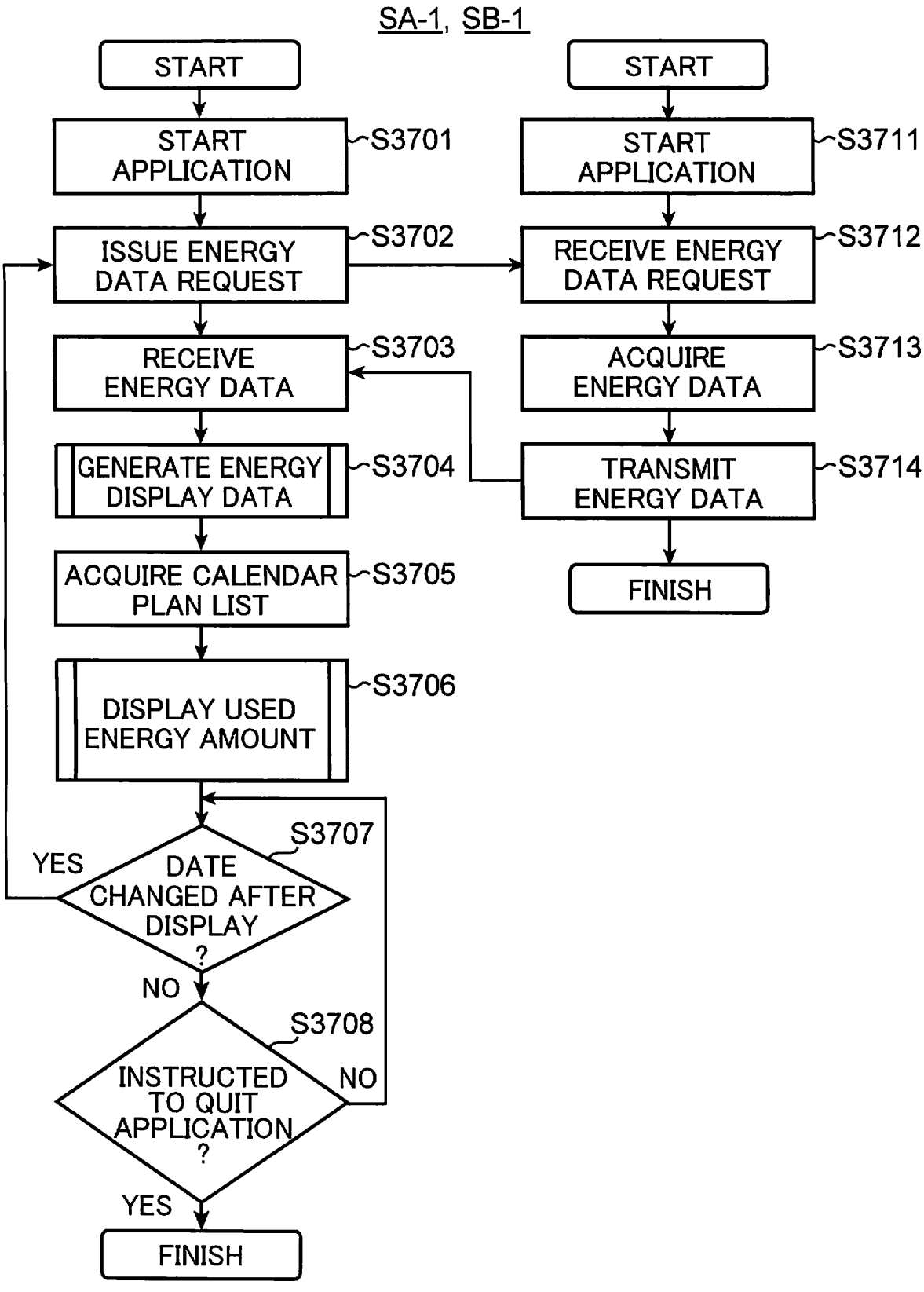

SA-1, SB-1
START
START APPLICATION
S3701
ISSUE ENERGY DATA REQUEST
S3702
RECEIVE ENERGY DATA
S3703
GENERATE ENERGY DISPLAY DATA
S3704
ACQUIRE CALENDAR PLAN LIST
S3705
DISPLAY USED ENERGY AMOUNT
S3706
S3707
DATE CHANGED AFTER DISPLAY ?
YES
NO
S3708
INSTRUCTED TO QUIT APPLICATION ?
NO
YES
FINISH
START
START APPLICATION
S3711
RECEIVE ENERGY DATA REQUEST
S3712
ACQUIRE ENERGY DATA
S3713
TRANSMIT ENERGY DATA
S3714
FINISH

FIG.38

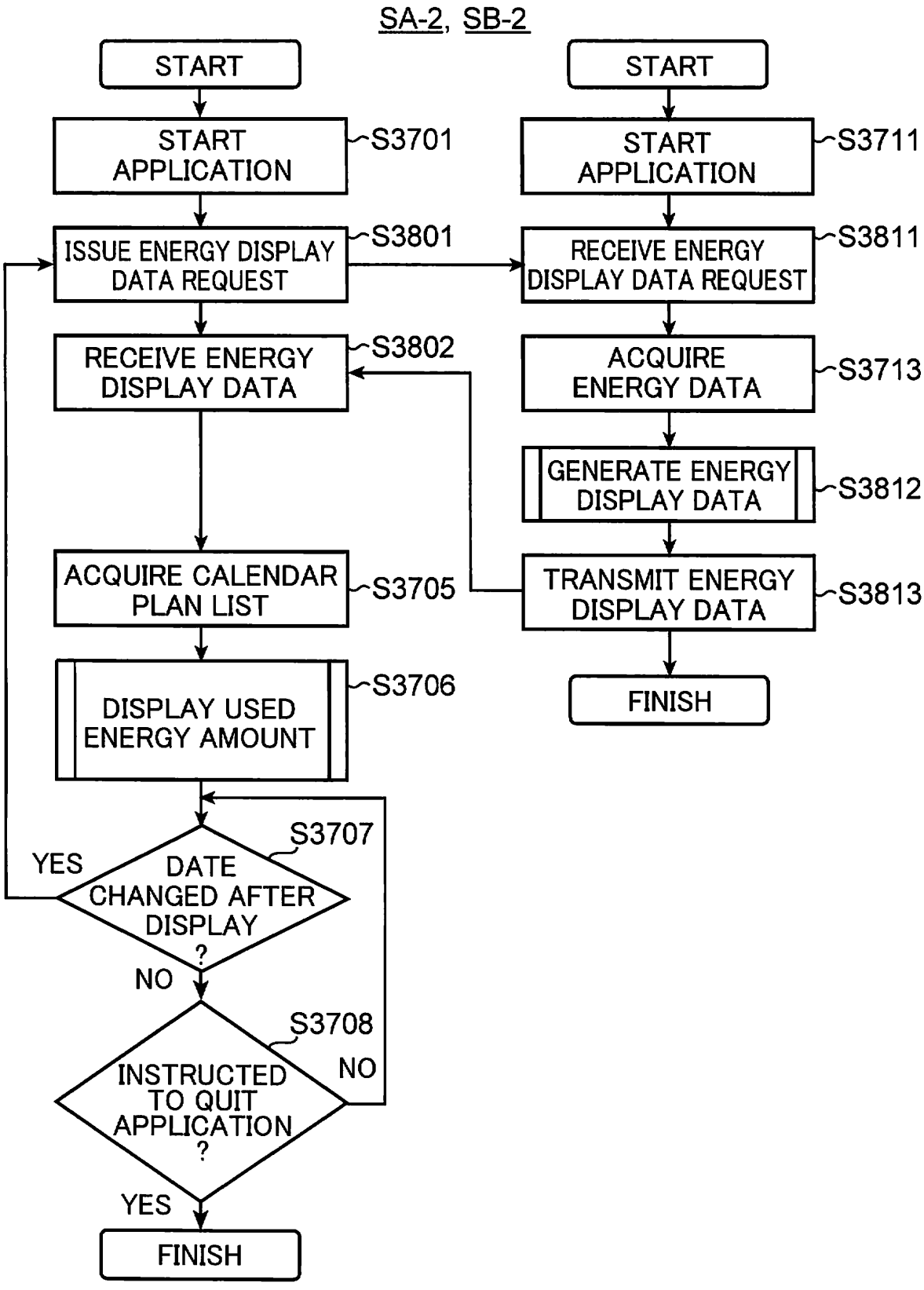

SA-2, SB-2
START
START APPLICATION
S3701
ISSUE ENERGY DISPLAY DATA REQUEST
S3801
RECEIVE ENERGY DISPLAY DATA
S3802
ACQUIRE CALENDAR PLAN LIST
S3705
DISPLAY USED ENERGY AMOUNT
S3706
S3707
YES
DATE CHANGED AFTER DISPLAY ?
NO
S3708
INSTRUCTED TO QUIT APPLICATION ?
NO
YES
FINISH
START
START APPLICATION
S3711
RECEIVE ENERGY DISPLAY DATA REQUEST
S3811
ACQUIRE ENERGY DATA
S3713
GENERATE ENERGY DISPLAY DATA
S3812
TRANSMIT ENERGY DISPLAY DATA
S3813
FINISH

FIG.39

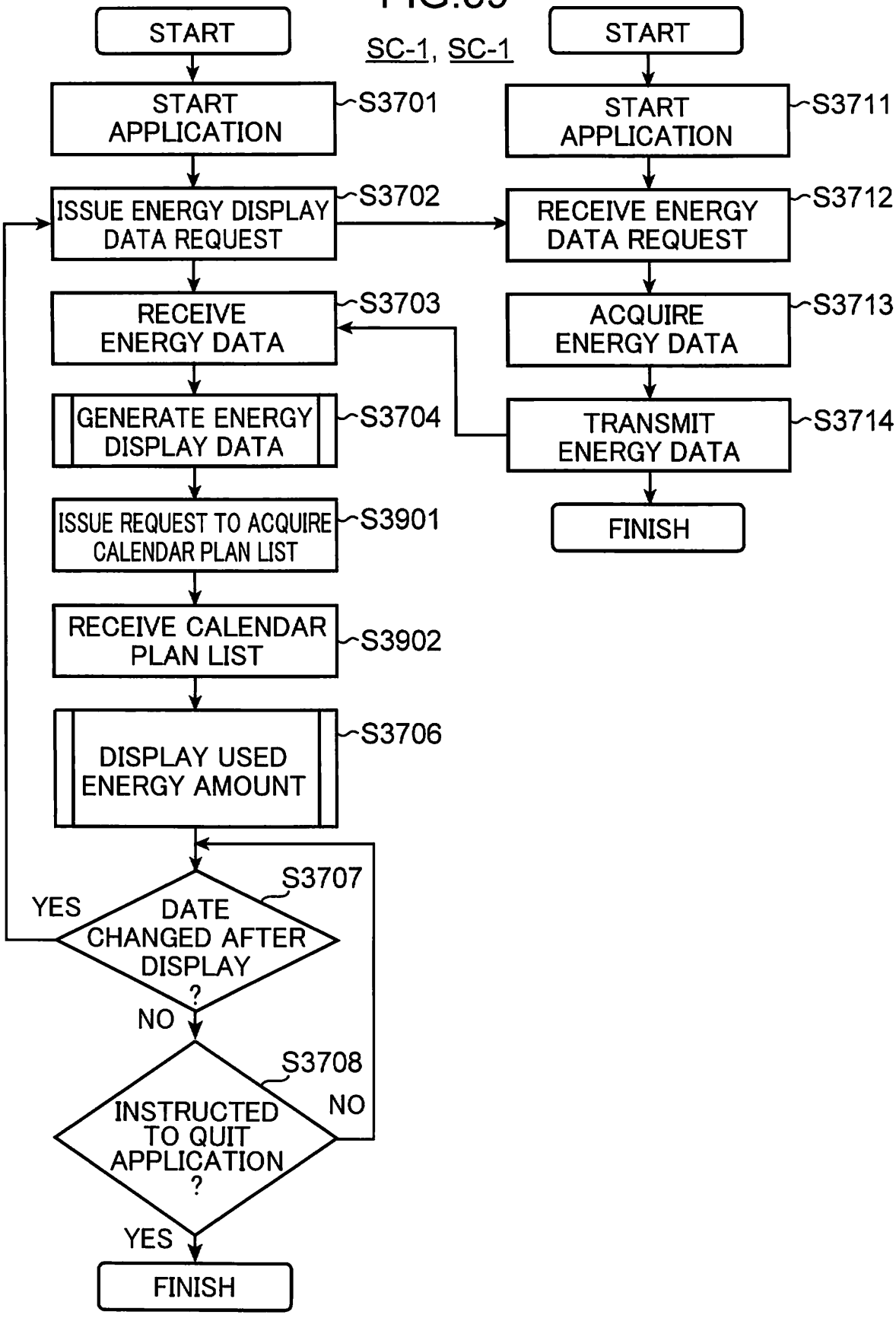

SC-1, SC-1
START
START APPLICATION
S3701
ISSUE ENERGY DISPLAY DATA REQUEST
S3702
RECEIVE ENERGY DATA
S3703
GENERATE ENERGY DISPLAY DATA
S3704
ISSUE REQUEST TO ACQUIRE CALENDAR PLAN LIST
S3901
RECEIVE CALENDAR PLAN LIST
S3902
DISPLAY USED ENERGY AMOUNT
S3706
S3707
DATE CHANGED AFTER DISPLAY ?
YES
NO
S3708
INSTRUCTED TO QUIT APPLICATION ?
NO
YES
FINISH
START
START APPLICATION
S3711
RECEIVE ENERGY DATA REQUEST
S3712
ACQUIRE ENERGY DATA
S3713
TRANSMIT ENERGY DATA
S3714
FINISH

FIG.40

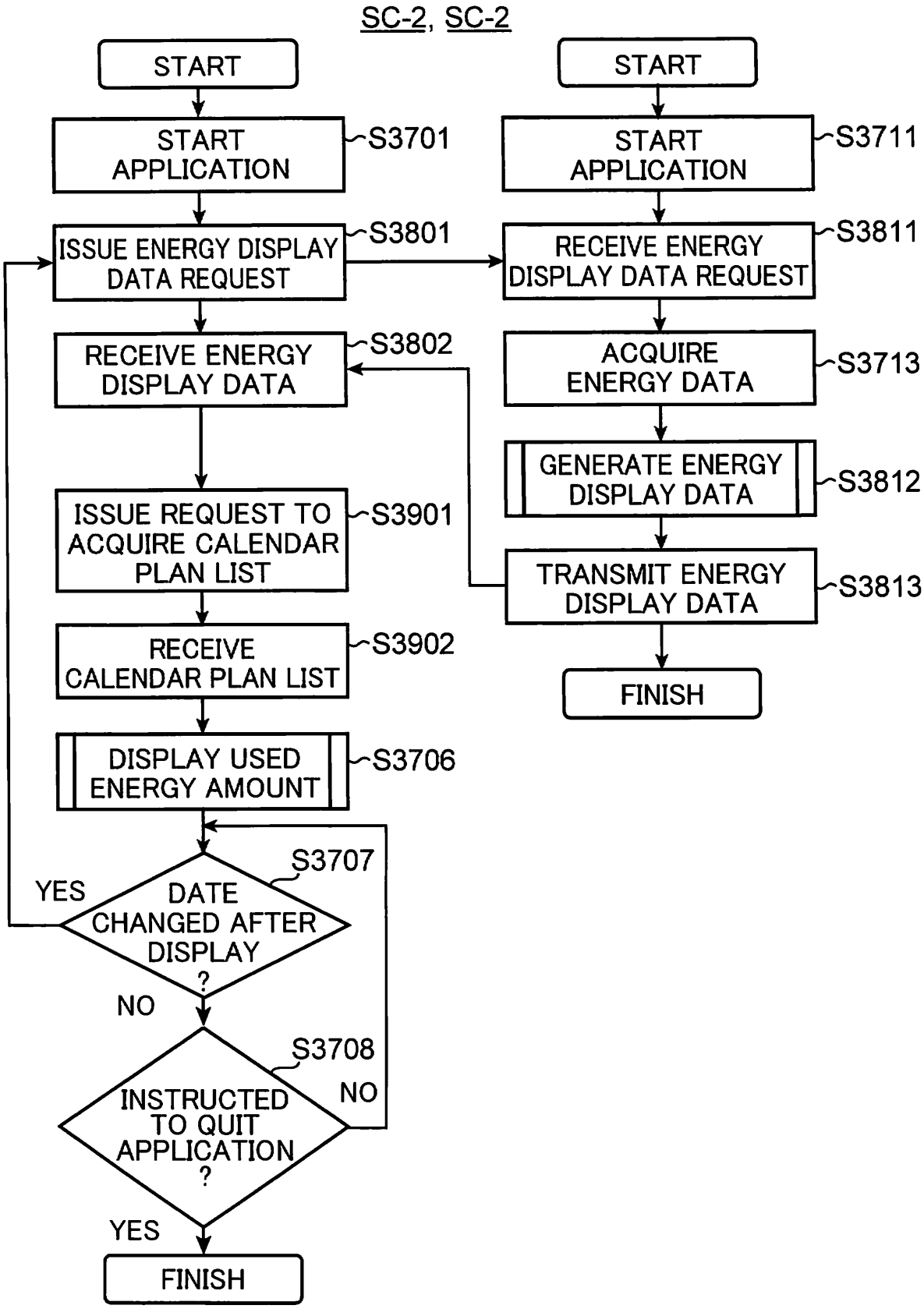

SC-2, SC-2
START
START APPLICATION
S3701
ISSUE ENERGY DISPLAY DATA REQUEST
S3801
RECEIVE ENERGY DISPLAY DATA
S3802
ISSUE REQUEST TO ACQUIRE CALENDAR PLAN LIST
S3901
RECEIVE CALENDAR PLAN LIST
S3902
DISPLAY USED ENERGY AMOUNT
S3706
S3707
DATE CHANGED AFTER DISPLAY ?
YES
NO
S3708
INSTRUCTED TO QUIT APPLICATION ?
NO
YES
FINISH
START
START APPLICATION
S3711
RECEIVE ENERGY DISPLAY DATA REQUEST
S3811
ACQUIRE ENERGY DATA
S3713
GENERATE ENERGY DISPLAY DATA
S3812
TRANSMIT ENERGY DISPLAY DATA
S3813
FINISH

FIG.41

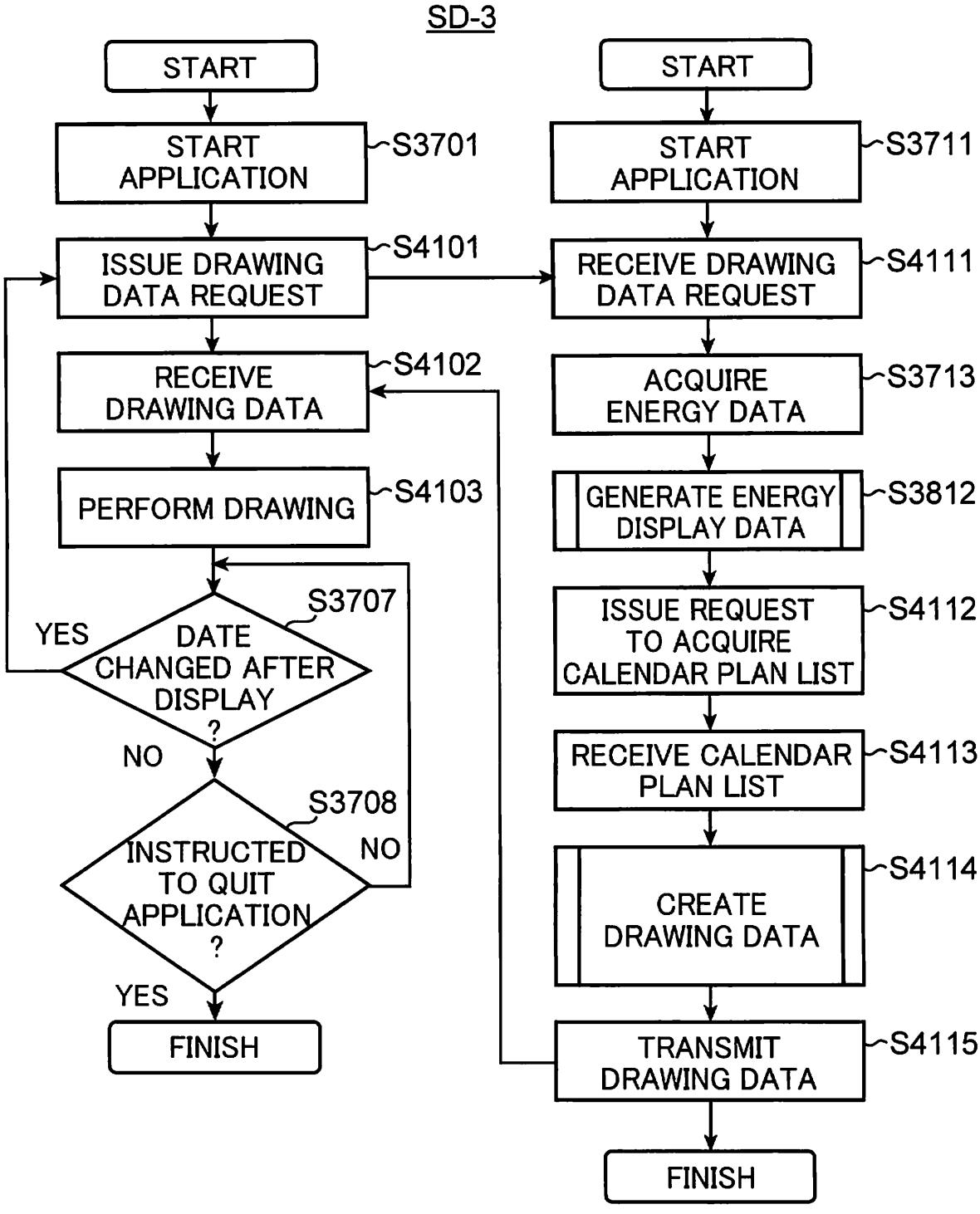

SD-3
START
START APPLICATION
S3701
ISSUE DRAWING DATA REQUEST
S4101
RECEIVE DRAWING DATA
S4102
PERFORM DRAWING
S4103
S3707
DATE CHANGED AFTER DISPLAY ?
YES
NO
S3708
INSTRUCTED TO QUIT APPLICATION ?
NO
YES
FINISH
START
START APPLICATION
S3711
RECEIVE DRAWING DATA REQUEST
S4111
ACQUIRE ENERGY DATA
S3713
GENERATE ENERGY DISPLAY DATA
S3812
ISSUE REQUEST TO ACQUIRE CALENDAR PLAN LIST
S4112
RECEIVE CALENDAR PLAN LIST
S4113
CREATE DRAWING DATA
S4114
TRANSMIT DRAWING DATA
S4115
FINISH

FIG.42

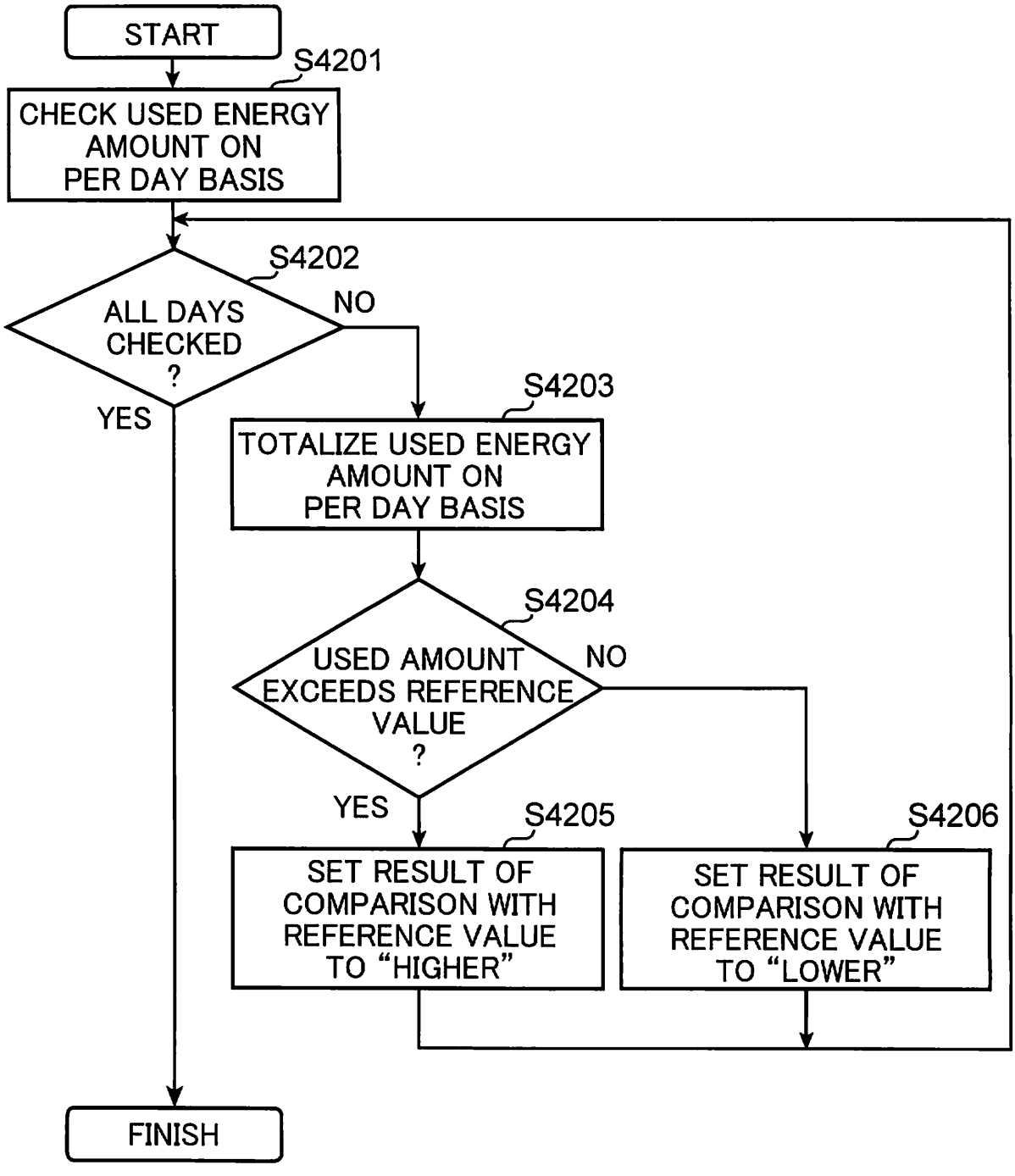

START
S4201
CHECK USED ENERGY AMOUNT ON PER DAY BASIS
S4202
ALL DAYS CHECKED ?
NO
YES
S4203
TOTALIZE USED ENERGY AMOUNT ON PER DAY BASIS
S4204
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4205
SET RESULT OF COMPARISON WITH REFERENCE VALUE TO "HIGHER"
S4206
SET RESULT OF COMPARISON WITH REFERENCE VALUE TO "LOWER"
FINISH

FIG.43

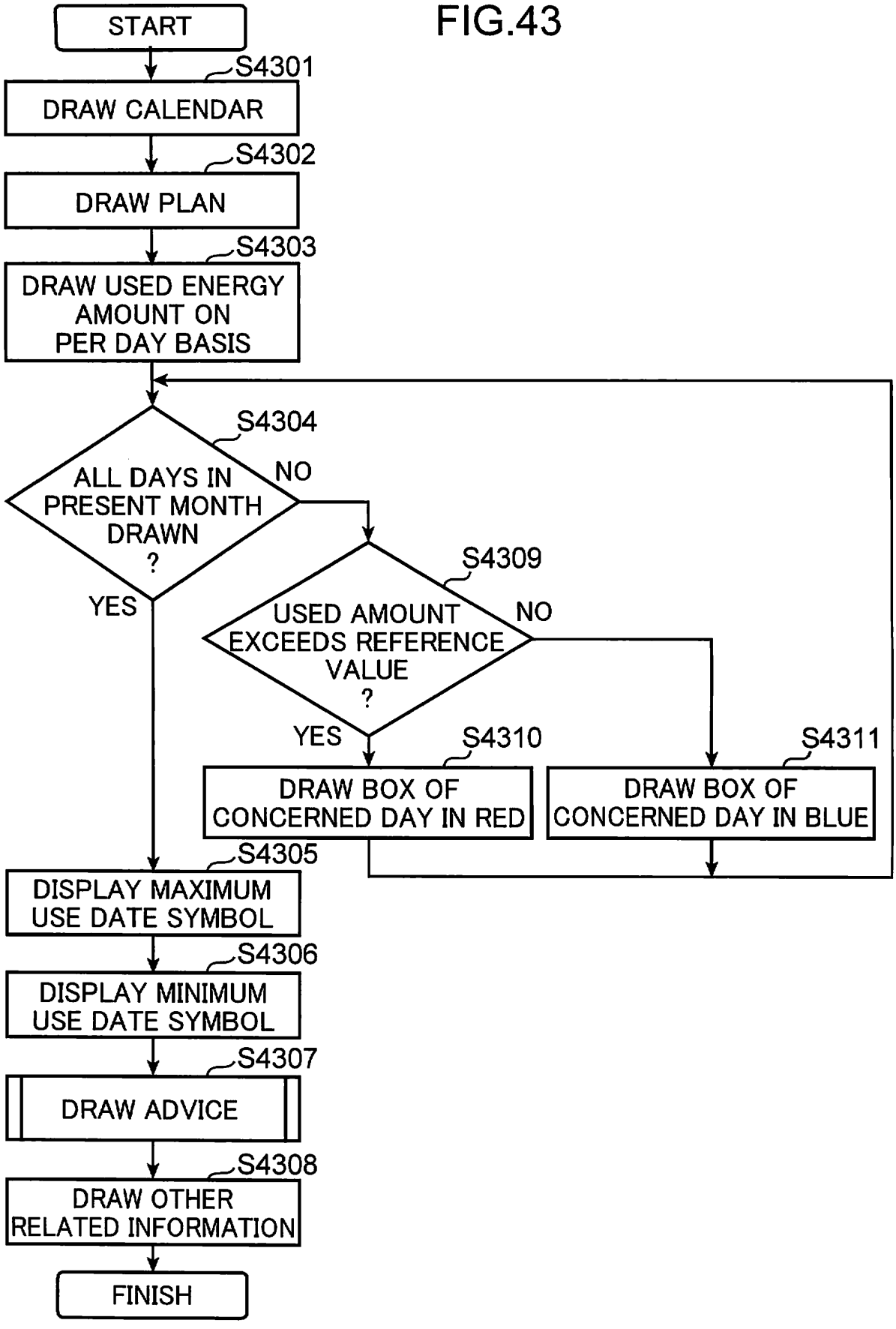

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4309
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4310
DRAW BOX OF CONCERNED DAY IN RED
S4311
DRAW BOX OF CONCERNED DAY IN BLUE
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH

FIG.44

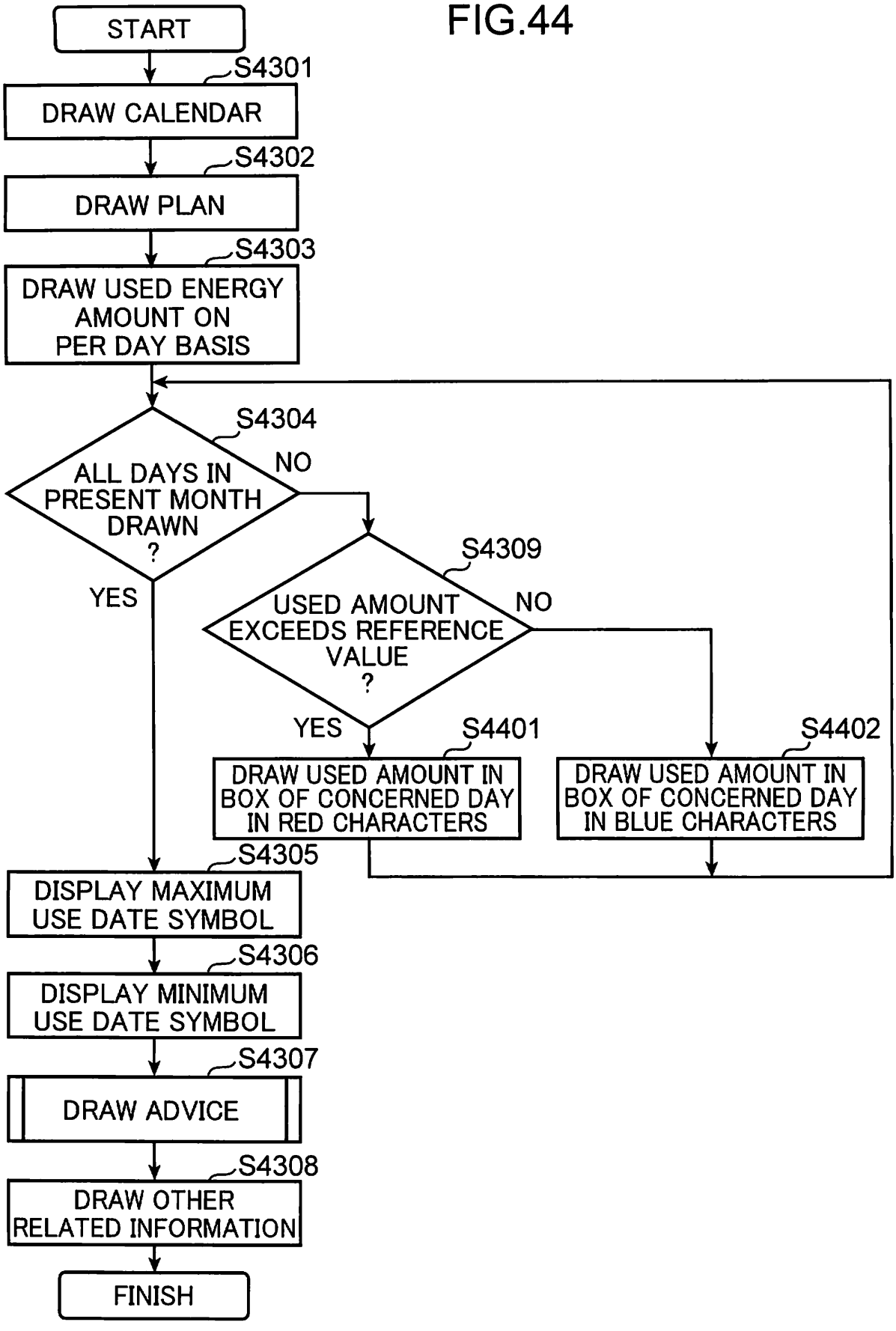

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4309
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4401
DRAW USED AMOUNT IN BOX OF CONCERNED DAY IN RED CHARACTERS
S4402
DRAW USED AMOUNT IN BOX OF CONCERNED DAY IN BLUE CHARACTERS
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH

FIG.45

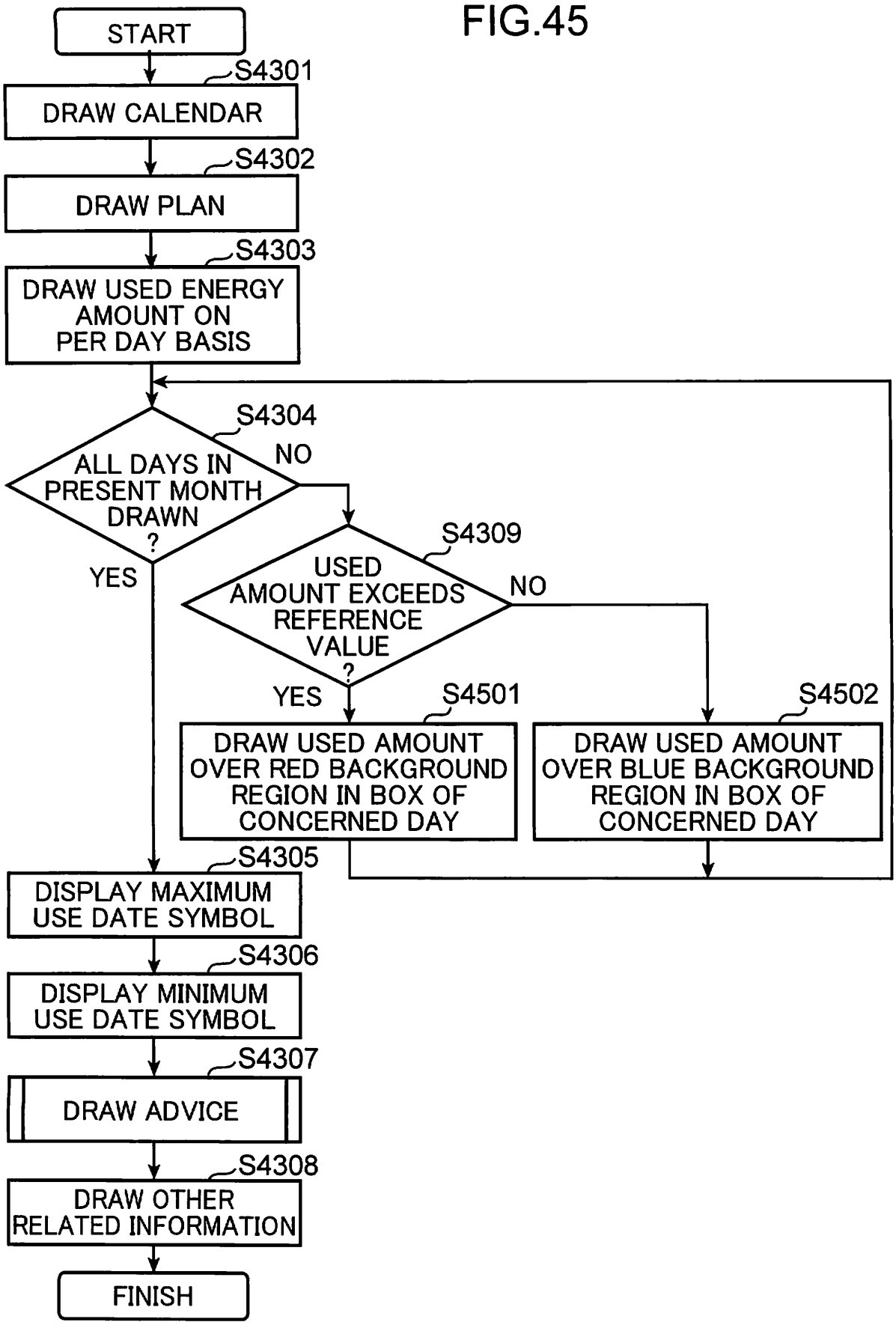

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4309
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4501
DRAW USED AMOUNT OVER RED BACKGROUND REGION IN BOX OF CONCERNED DAY
S4502
DRAW USED AMOUNT OVER BLUE BACKGROUND REGION IN BOX OF CONCERNED DAY
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH

FIG.46

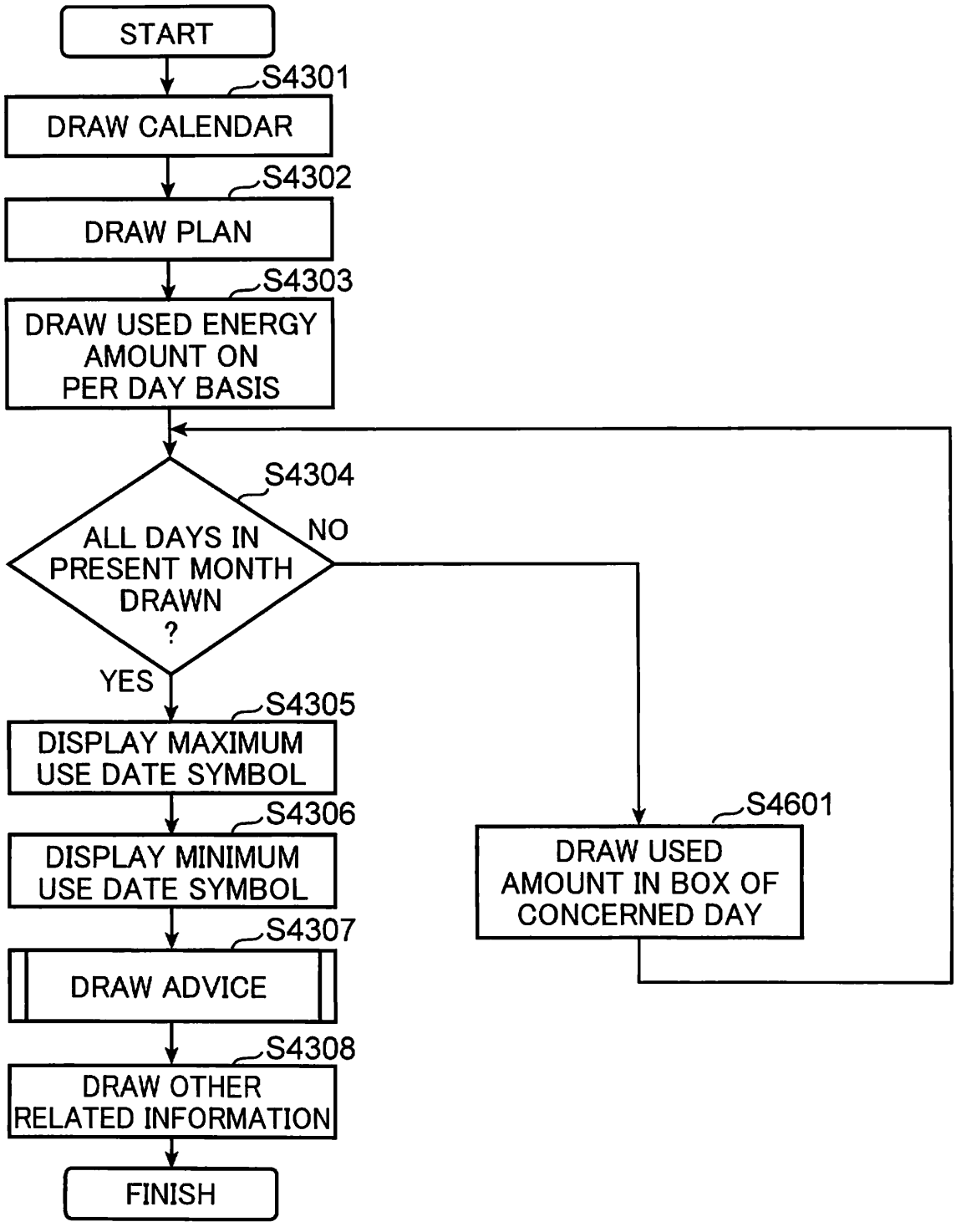

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH
S4601
DRAW USED AMOUNT IN BOX OF CONCERNED DAY

FIG.47

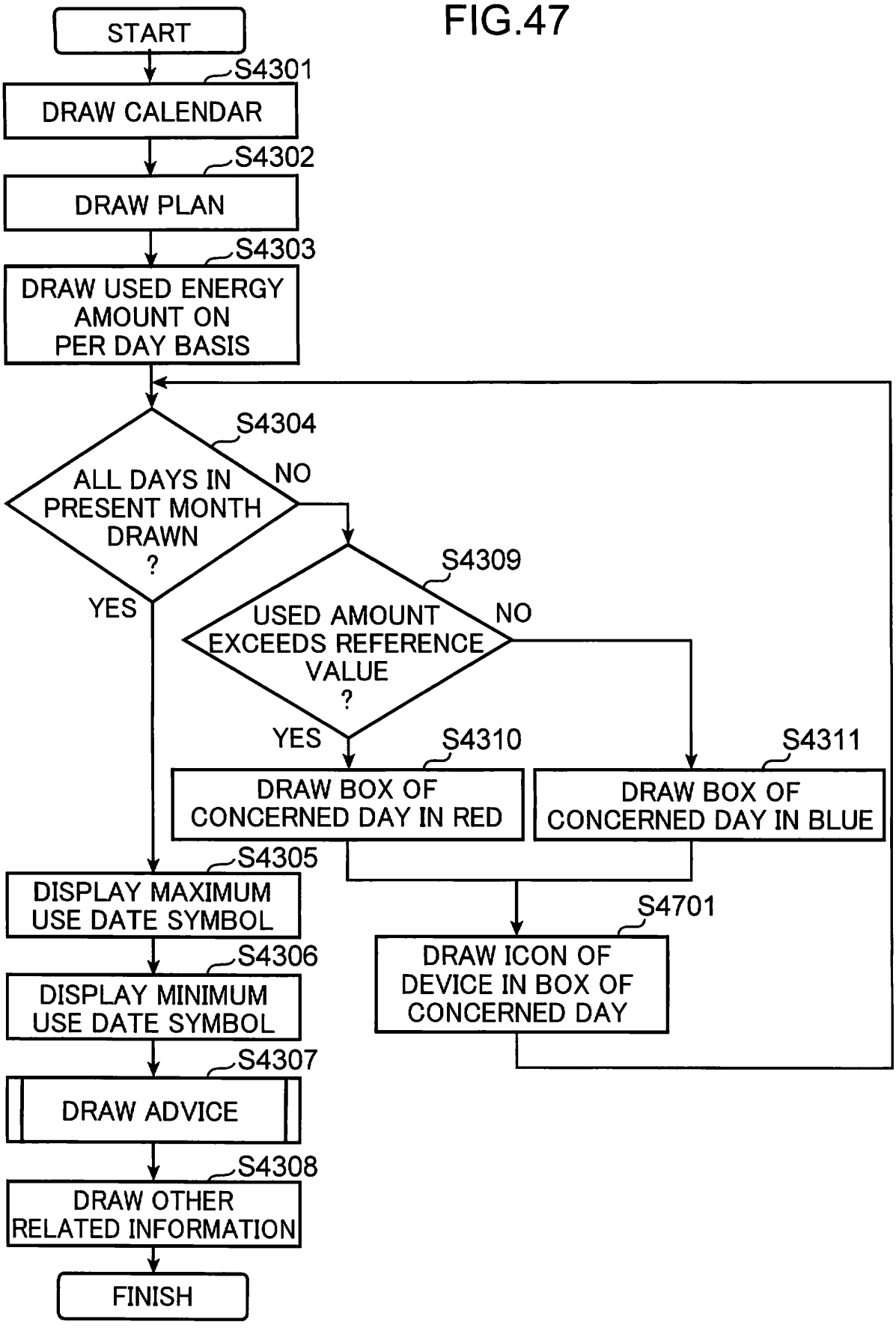

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4309
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4310
DRAW BOX OF CONCERNED DAY IN RED
S4311
DRAW BOX OF CONCERNED DAY IN BLUE
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4701
DRAW ICON OF DEVICE IN BOX OF CONCERNED DAY
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH

FIG.48

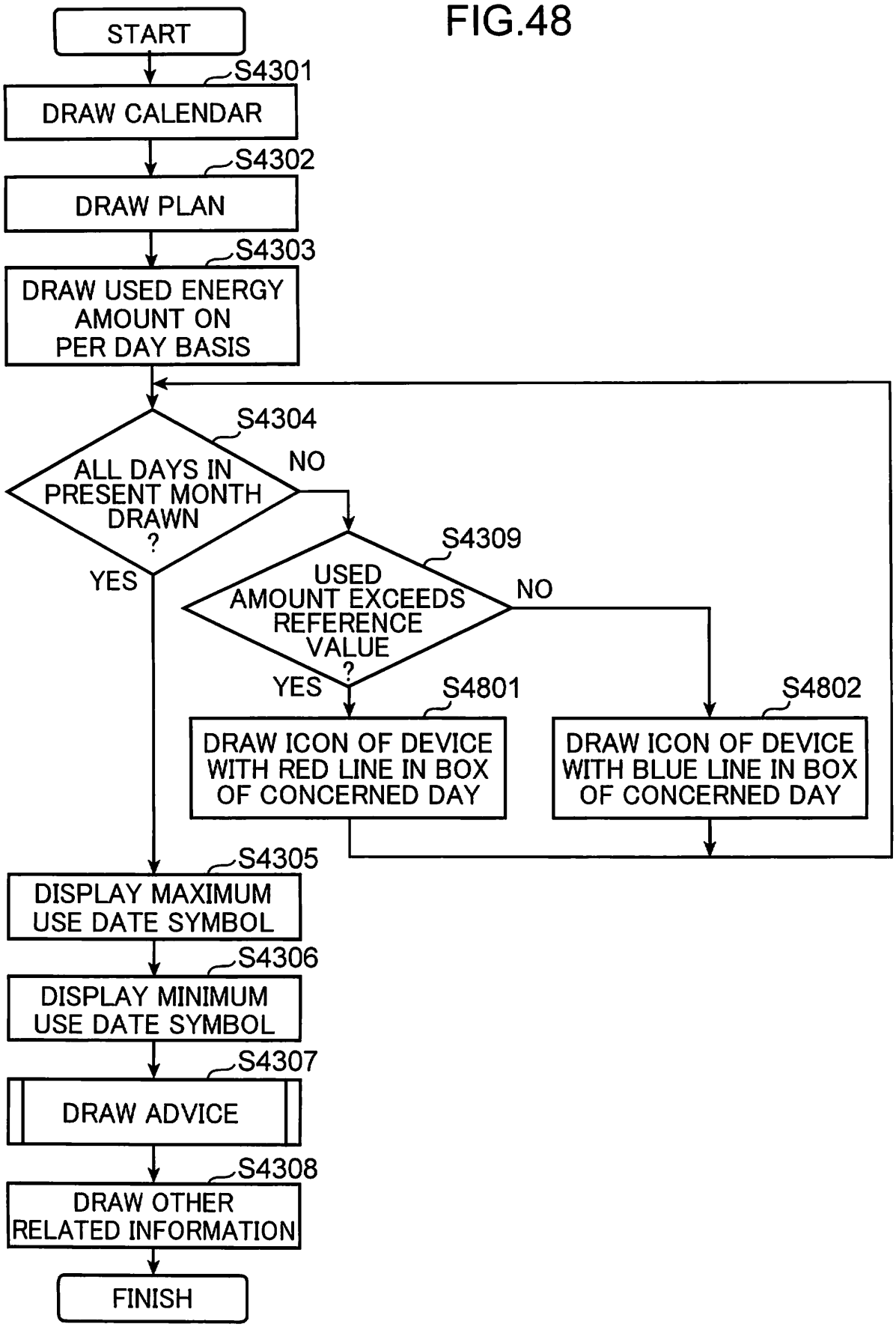
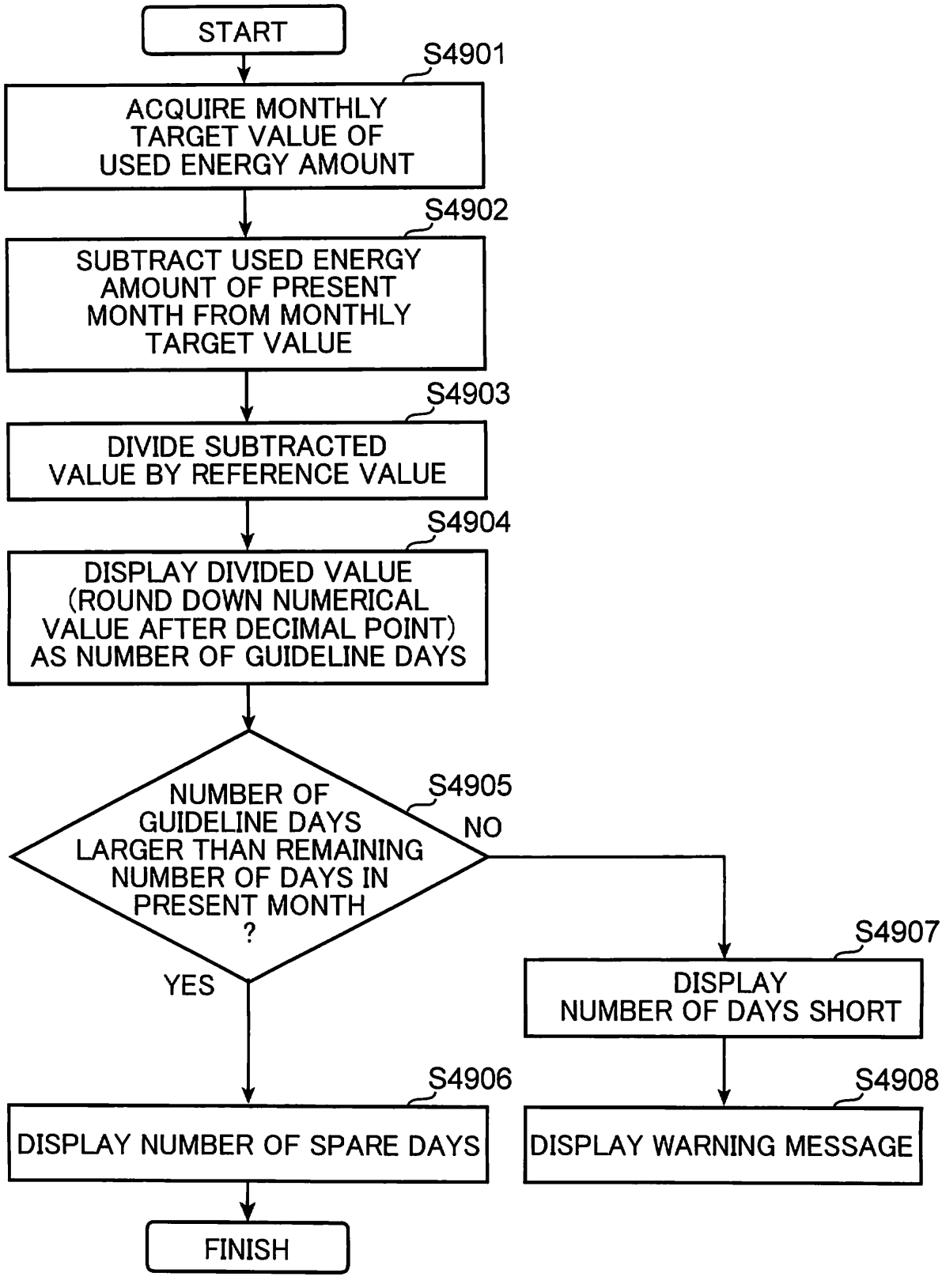

START
S4301
DRAW CALENDAR
S4302
DRAW PLAN
S4303
DRAW USED ENERGY AMOUNT ON PER DAY BASIS
S4304
ALL DAYS IN PRESENT MONTH DRAWN ?
NO
YES
S4309
USED AMOUNT EXCEEDS REFERENCE VALUE ?
NO
YES
S4801
DRAW ICON OF DEVICE WITH RED LINE IN BOX OF CONCERNED DAY
S4802
DRAW ICON OF DEVICE WITH BLUE LINE IN BOX OF CONCERNED DAY
S4305
DISPLAY MAXIMUM USE DATE SYMBOL
S4306
DISPLAY MINIMUM USE DATE SYMBOL
S4307
DRAW ADVICE
S4308
DRAW OTHER RELATED INFORMATION
FINISH

FIG.49


START
S4901
ACQUIRE MONTHLY TARGET VALUE OF USED ENERGY AMOUNT
S4902
SUBTRACT USED ENERGY AMOUNT OF PRESENT MONTH FROM MONTHLY TARGET VALUE
S4903
DIVIDE SUBTRACTED VALUE BY REFERENCE VALUE
S4904
DISPLAY DIVIDED VALUE (ROUND DOWN NUMERICAL VALUE AFTER DECIMAL POINT) AS NUMBER OF GUIDELINE DAYS
S4905
NUMBER OF GUIDELINE DAYS LARGER THAN REMAINING NUMBER OF DAYS IN PRESENT MONTH ?
NO
YES
S4907
DISPLAY NUMBER OF DAYS SHORT
S4906
DISPLAY NUMBER OF SPARE DAYS
S4908
DISPLAY WARNING MESSAGE
FINISH