FIG. 1

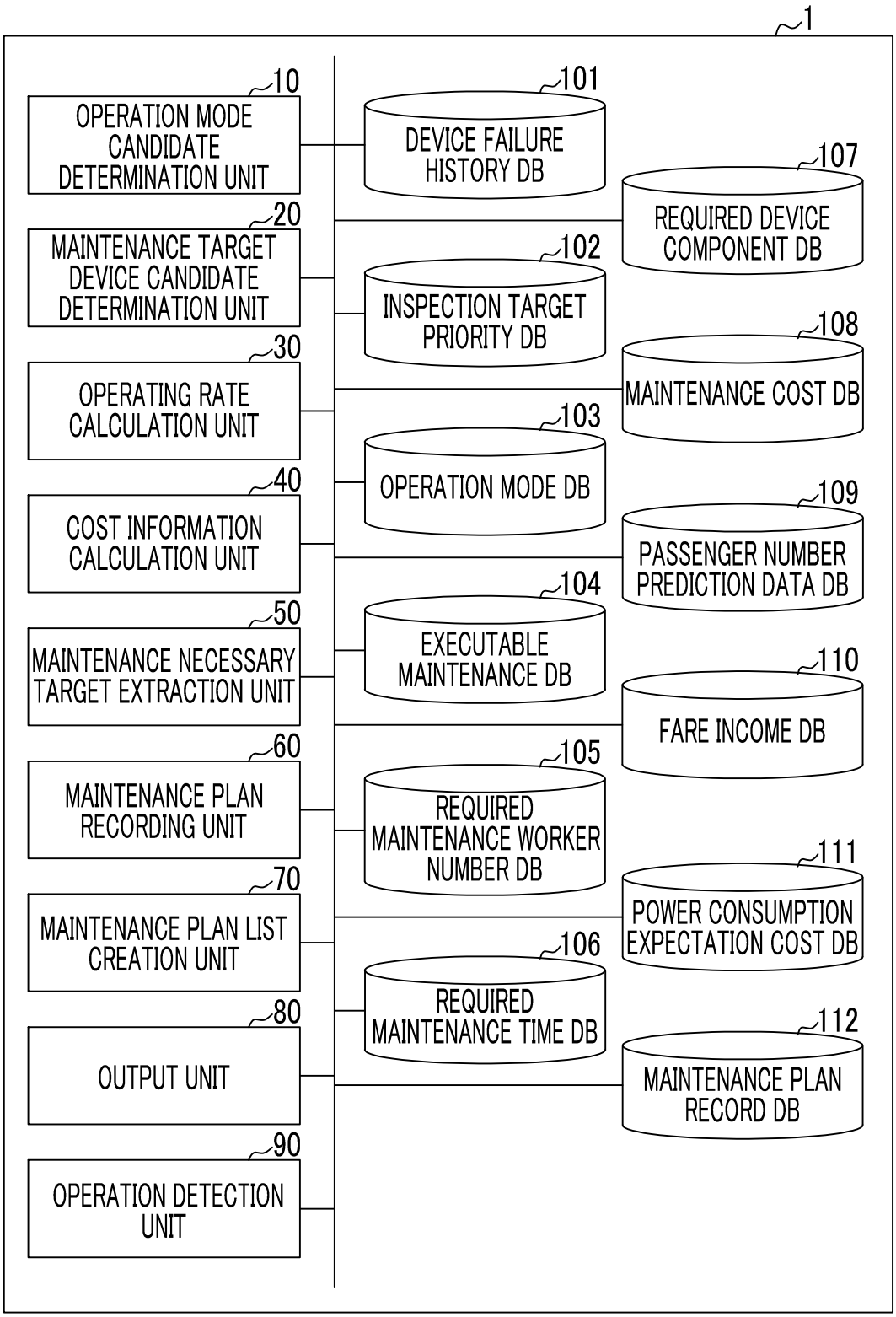

1
10
OPERATION MODE CANDIDATE DETERMINATION UNIT
20
MAINTENANCE TARGET DEVICE CANDIDATE DETERMINATION UNIT
30
OPERATING RATE CALCULATION UNIT
40
COST INFORMATION CALCULATION UNIT
50
MAINTENANCE NECESSARY TARGET EXTRACTION UNIT
60
MAINTENANCE PLAN RECORDING UNIT
70
MAINTENANCE PLAN LIST CREATION UNIT
80
OUTPUT UNIT
90
OPERATION DETECTION UNIT
101
DEVICE FAILURE HISTORY DB
102
INSPECTION TARGET PRIORITY DB
103
OPERATION MODE DB
104
EXECUTABLE MAINTENANCE DB
105
REQUIRED MAINTENANCE WORKER NUMBER DB
106
REQUIRED MAINTENANCE TIME DB
107
REQUIRED DEVICE COMPONENT DB
108
MAINTENANCE COST DB
109
PASSENGER NUMBER PREDICTION DATA DB
110
FARE INCOME DB
111
POWER CONSUMPTION EXPECTATION COST DB
112
MAINTENANCE PLAN RECORD DB

FIG. 2

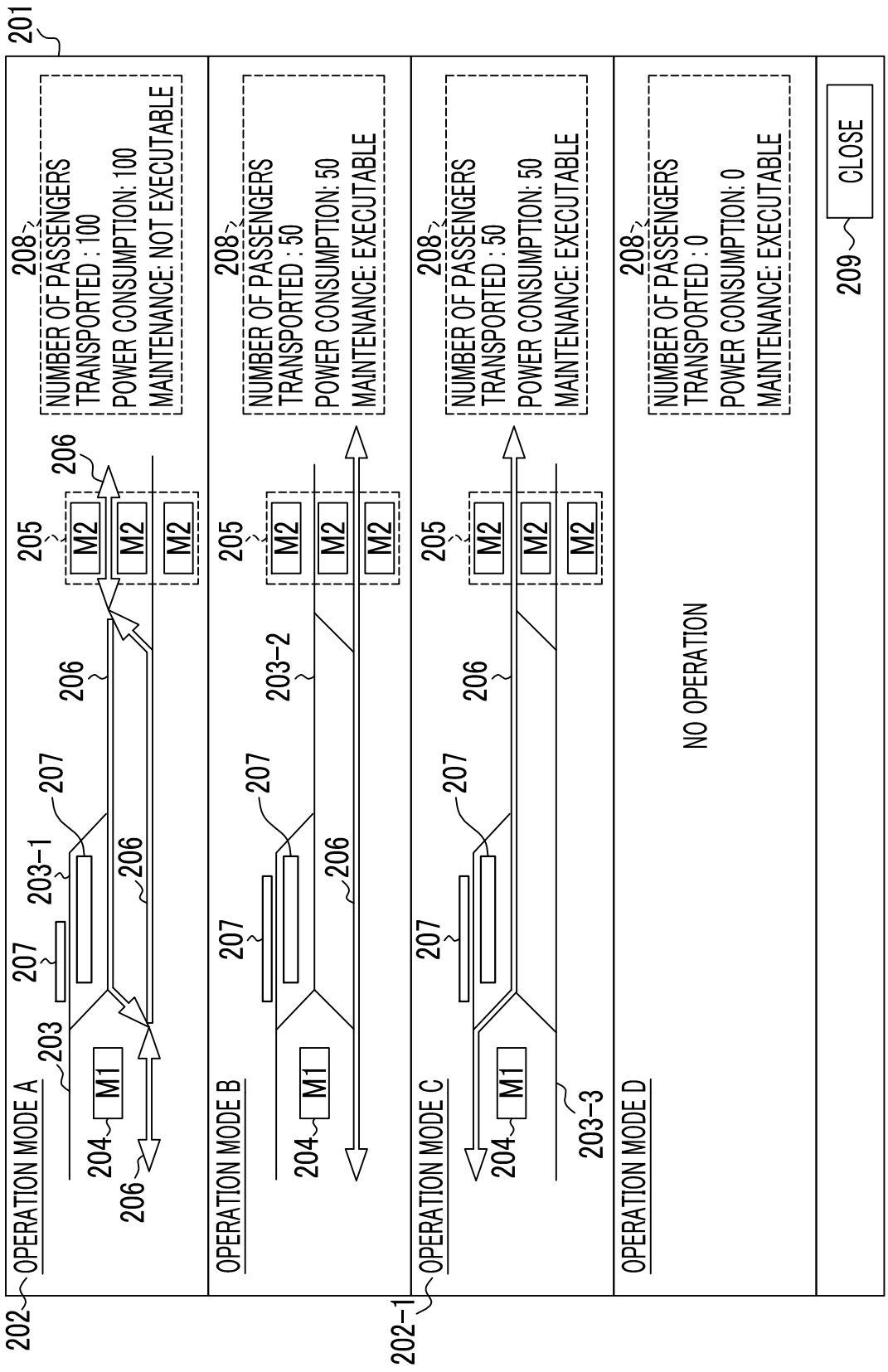

201
OPERATION MODE A
OPERATION MODE B
OPERATION MODE C
OPERATION MODE D
NO OPERATION
202
202-1
203
203-1
203-2
203-3
204
205
206
207
208
209
M1
M2
NUMBER OF PASSENGERS TRANSPORTED : 100
POWER CONSUMPTION: 100
MAINTENANCE: NOT EXECUTABLE
NUMBER OF PASSENGERS TRANSPORTED : 50
POWER CONSUMPTION: 50
MAINTENANCE: EXECUTABLE
NUMBER OF PASSENGERS TRANSPORTED : 50
POWER CONSUMPTION: 50
MAINTENANCE: EXECUTABLE
NUMBER OF PASSENGERS TRANSPORTED : 0
POWER CONSUMPTION: 0
MAINTENANCE: EXECUTABLE
CLOSE

FIG. 3

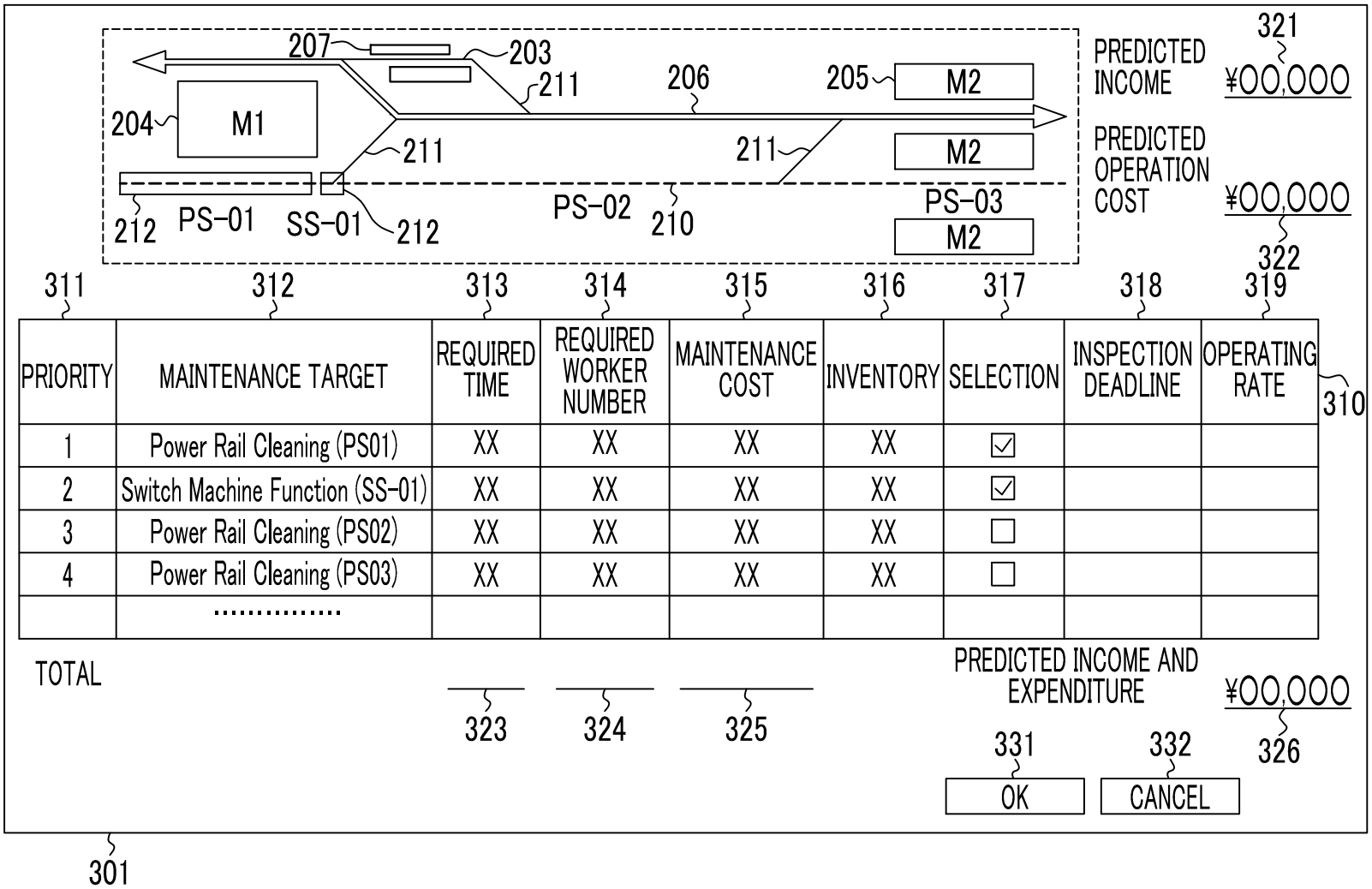

207
203
211
206
205
M2
204
M1
211
211
M2
PS-01
SS-01
212
212
PS-02
210
PS-03
M2
321
PREDICTED INCOME
¥00,000
PREDICTED OPERATION COST
¥00,000
322
311
312
313
314
315
316
317
318
319
PRIORITY
MAINTENANCE TARGET
REQUIRED TIME
REQUIRED WORKER NUMBER
MAINTENANCE COST
INVENTORY
SELECTION
INSPECTION DEADLINE
OPERATING RATE
310
1 Power Rail Cleaning (PS01) XX XX XX XX ☑
2 Switch Machine Function (SS-01) XX XX XX XX ☑
3 Power Rail Cleaning (PS02) XX XX XX XX ☐
4 Power Rail Cleaning (PS03) XX XX XX XX ☐
.....
TOTAL
323
324
325
PREDICTED INCOME AND EXPENDITURE
¥00,000
326
331
332
OK
CANCEL
301

FIG. 4

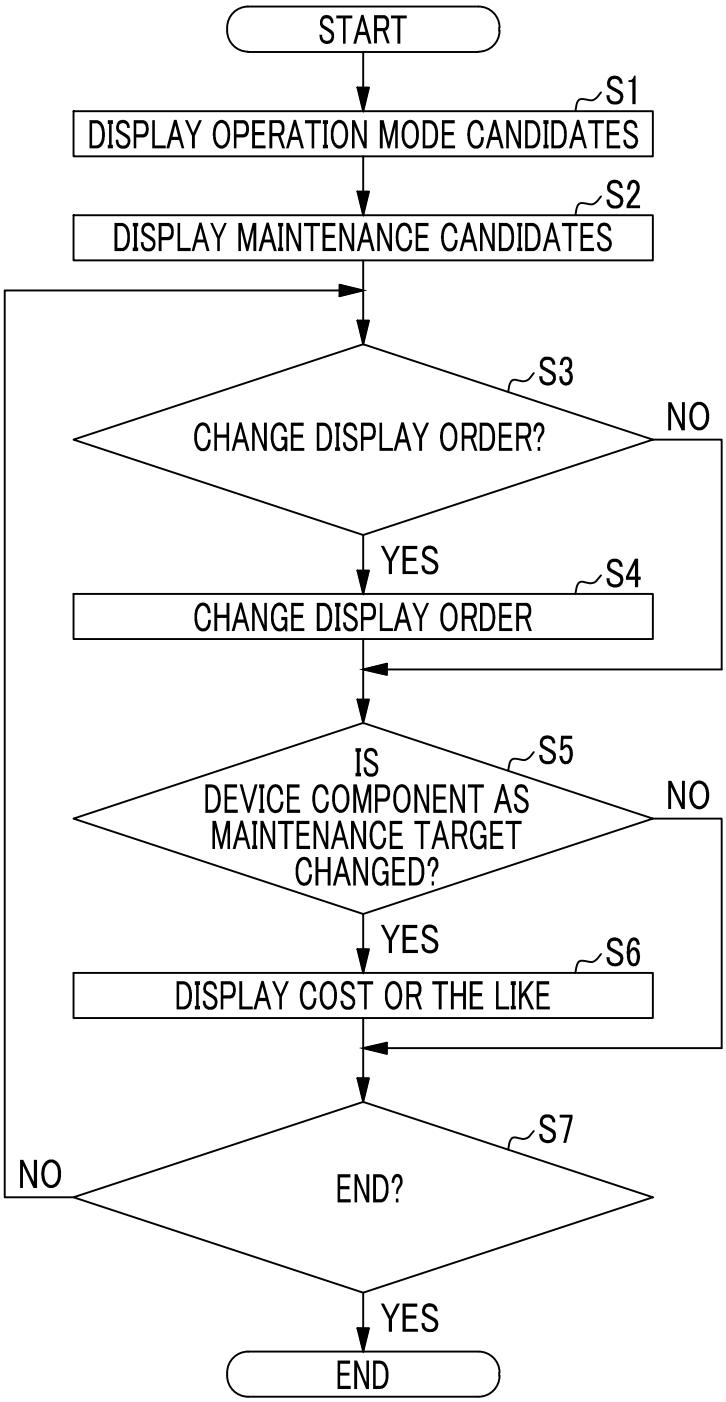
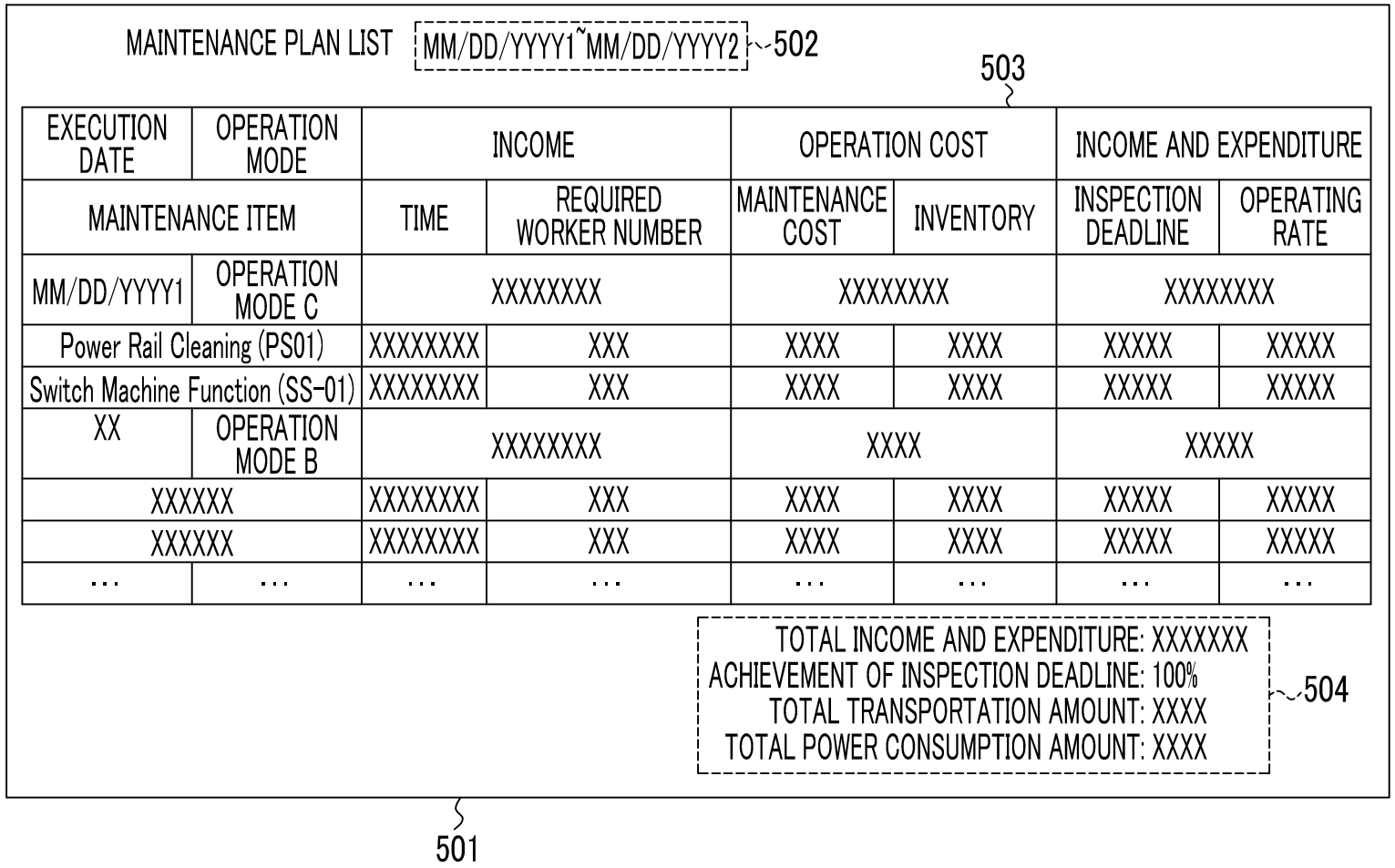

START
S1
DISPLAY OPERATION MODE CANDIDATES
S2
DISPLAY MAINTENANCE CANDIDATES
S3
CHANGE DISPLAY ORDER?
NO
YES
S4
CHANGE DISPLAY ORDER
S5
IS DEVICE COMPONENT AS MAINTENANCE TARGET CHANGED?
NO
YES
S6
DISPLAY COST OR THE LIKE
S7
END?
NO
YES
END

FIG. 5


MAINTENANCE PLAN LIST
MM/DD/YYYY1~MM/DD/YYYY2
502
503
EXECUTION DATE
OPERATION MODE
INCOME
OPERATION COST
INCOME AND EXPENDITURE
MAINTENANCE ITEM
TIME
REQUIRED WORKER NUMBER
MAINTENANCE COST
INVENTORY
INSPECTION DEADLINE
OPERATING RATE
MM/DD/YYYY1
OPERATION MODE C
XXXXXXXX
XXXXXXXX
XXXXXXXX
Power Rail Cleaning (PS01)
XXXXXXXX
XXX
XXXX
XXXX
XXXXX
XXXXX
Switch Machine Function (SS-01)
XXXXXXXX
XXX
XXXX
XXXX
XXXXX
XXXXX
XX
OPERATION MODE B
XXXXXXXX
XXXX
XXXXX
XXXXXX
XXXXXXXX
XXX
XXXX
XXXX
XXXXX
XXXXX
XXXXXX
XXXXXXXX
XXX
XXXX
XXXX
XXXXX
XXXXX
...
...
...
...
...
...
...
...
TOTAL INCOME AND EXPENDITURE: XXXXXXX
ACHIEVEMENT OF INSPECTION DEADLINE: 100%
TOTAL TRANSPORTATION AMOUNT: XXXX
TOTAL POWER CONSUMPTION AMOUNT: XXXX
504
501