FIG. 1

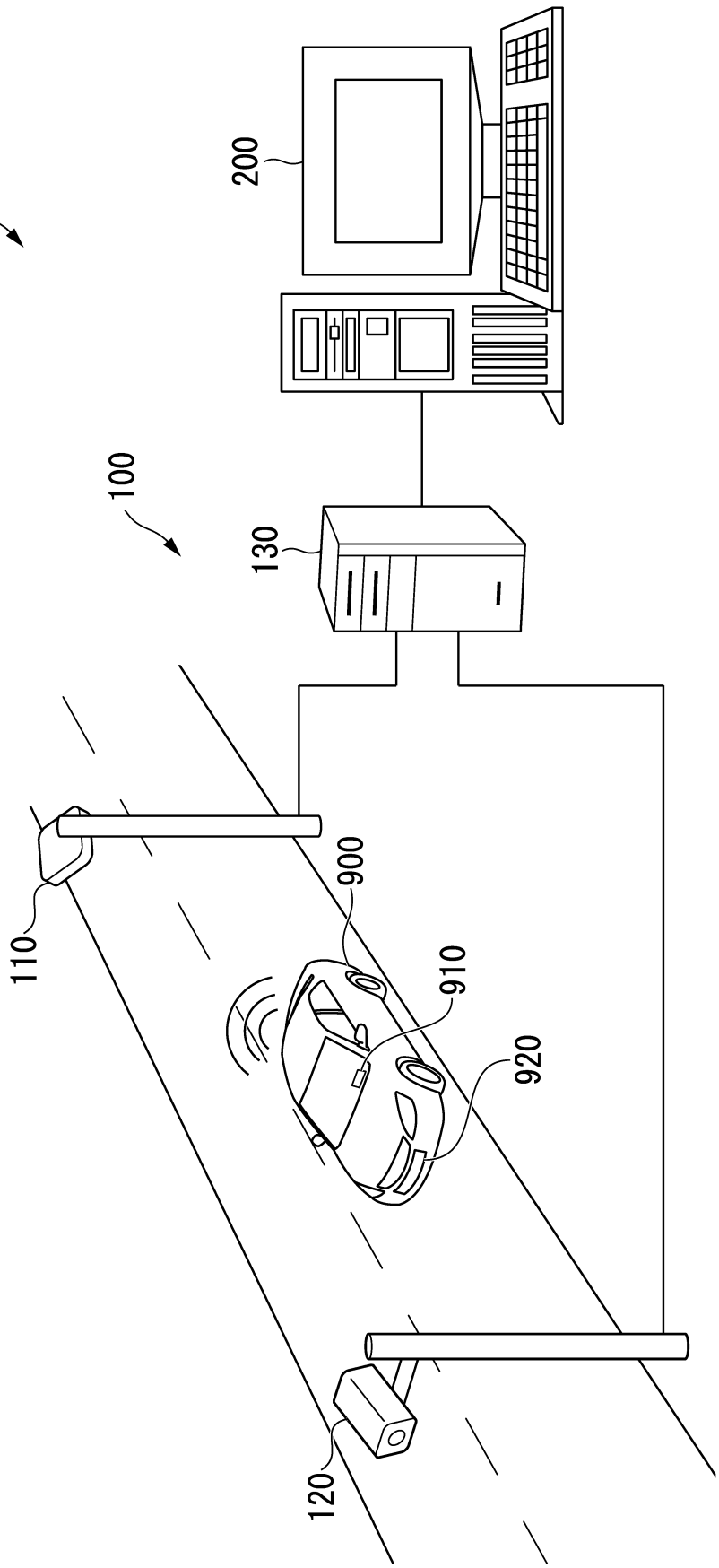


FIG. 2

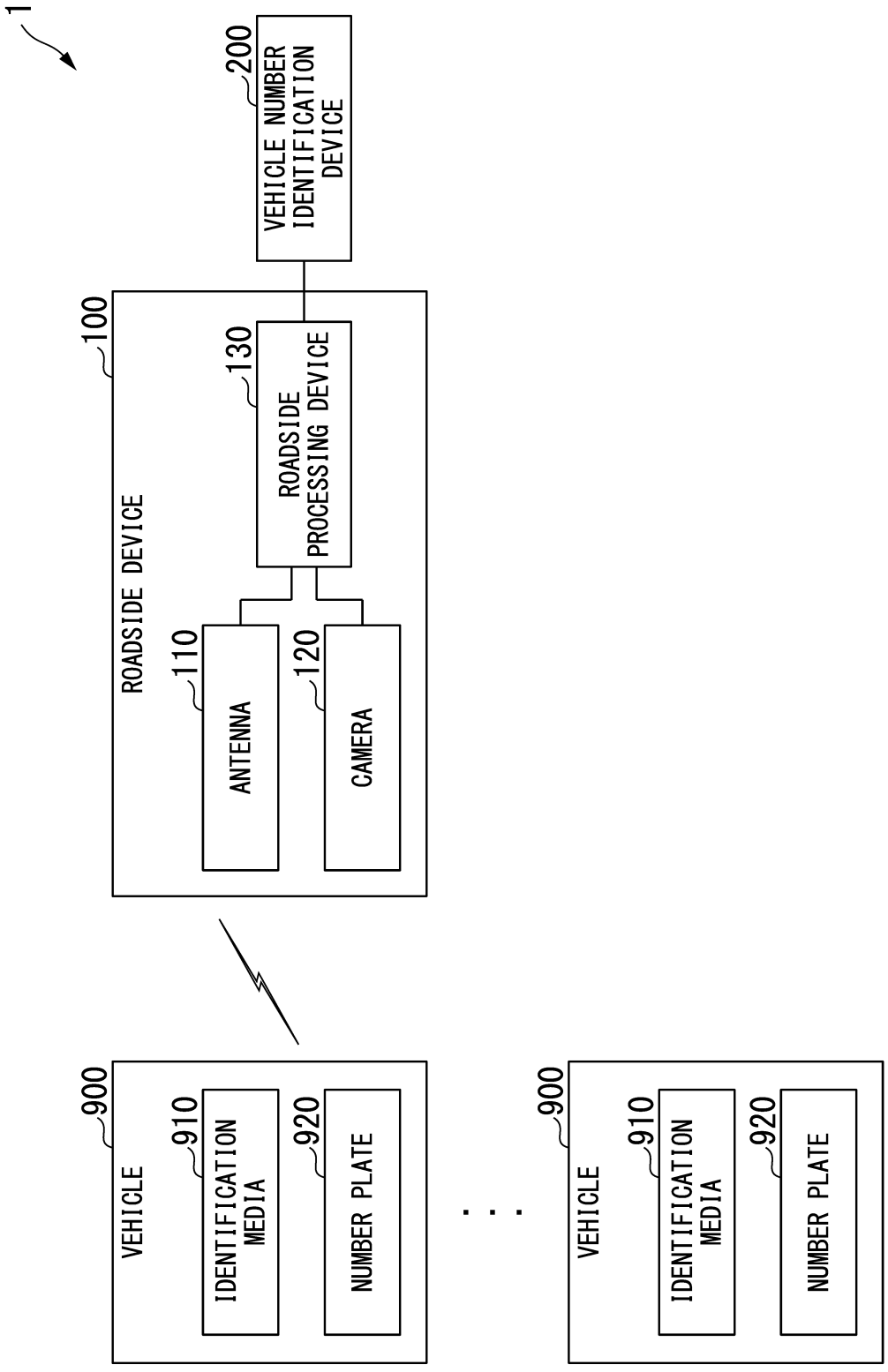

1
200
VEHICLE NUMBER IDENTIFICATION DEVICE
100
ROADSIDE DEVICE
130
ROADSIDE PROCESSING DEVICE
110
ANTENNA
120
CAMERA
900
VEHICLE
910
IDENTIFICATION MEDIA
920
NUMBER PLATE
900
VEHICLE
910
IDENTIFICATION MEDIA
920
NUMBER PLATE

FIG. 3

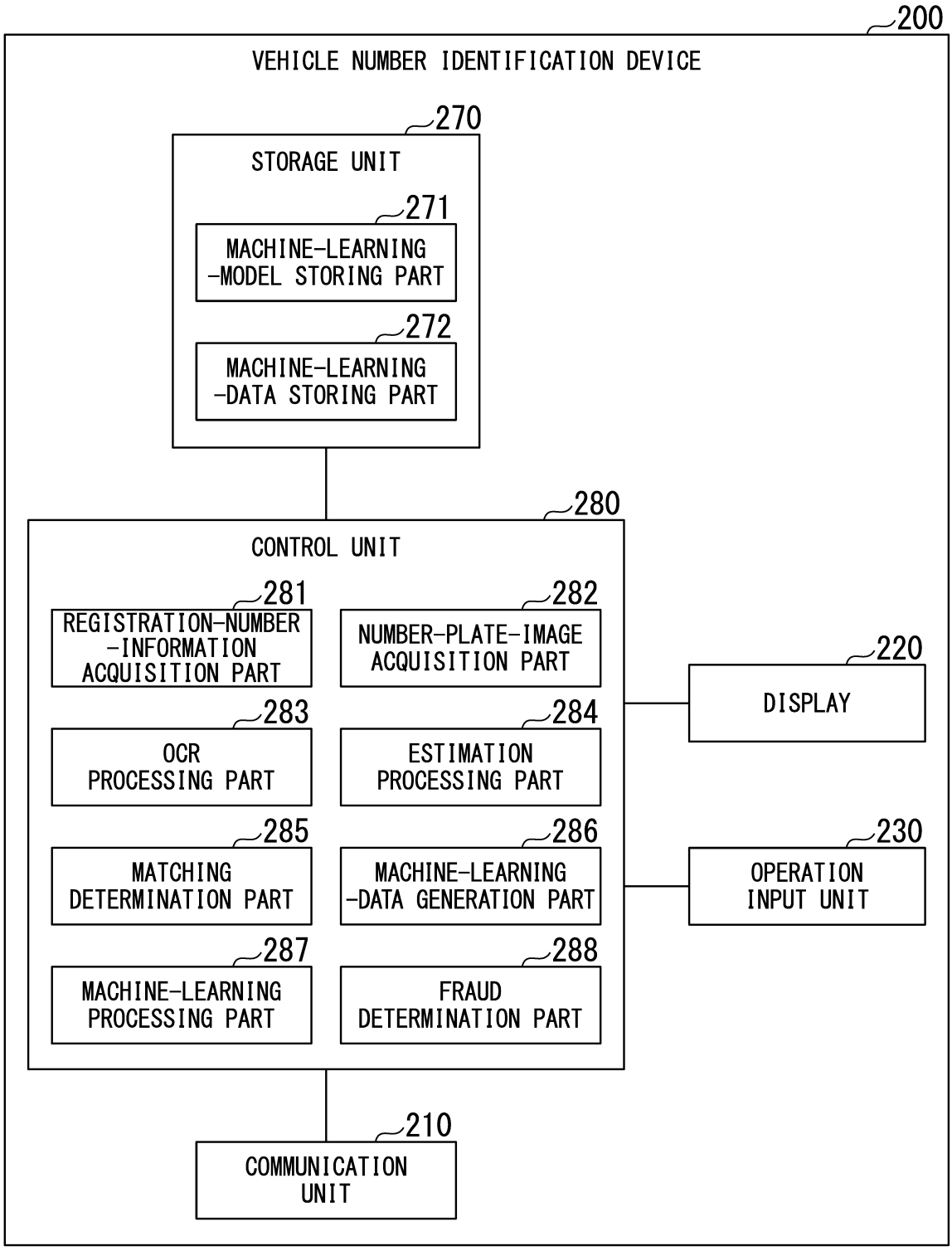

200
VEHICLE NUMBER IDENTIFICATION DEVICE
270
STORAGE UNIT
271
MACHINE-LEARNING -MODEL STORING PART
272
MACHINE-LEARNING -DATA STORING PART
280
CONTROL UNIT
281
REGISTRATION-NUMBER -INFORMATION ACQUISITION PART
282
NUMBER-PLATE-IMAGE ACQUISITION PART
283
OCR PROCESSING PART
284
ESTIMATION PROCESSING PART
285
MATCHING DETERMINATION PART
286
MACHINE-LEARNING -DATA GENERATION PART
287
MACHINE-LEARNING PROCESSING PART
288
FRAUD DETERMINATION PART
220
DISPLAY
230
OPERATION INPUT UNIT
210
COMMUNICATION UNIT

FIG. 4

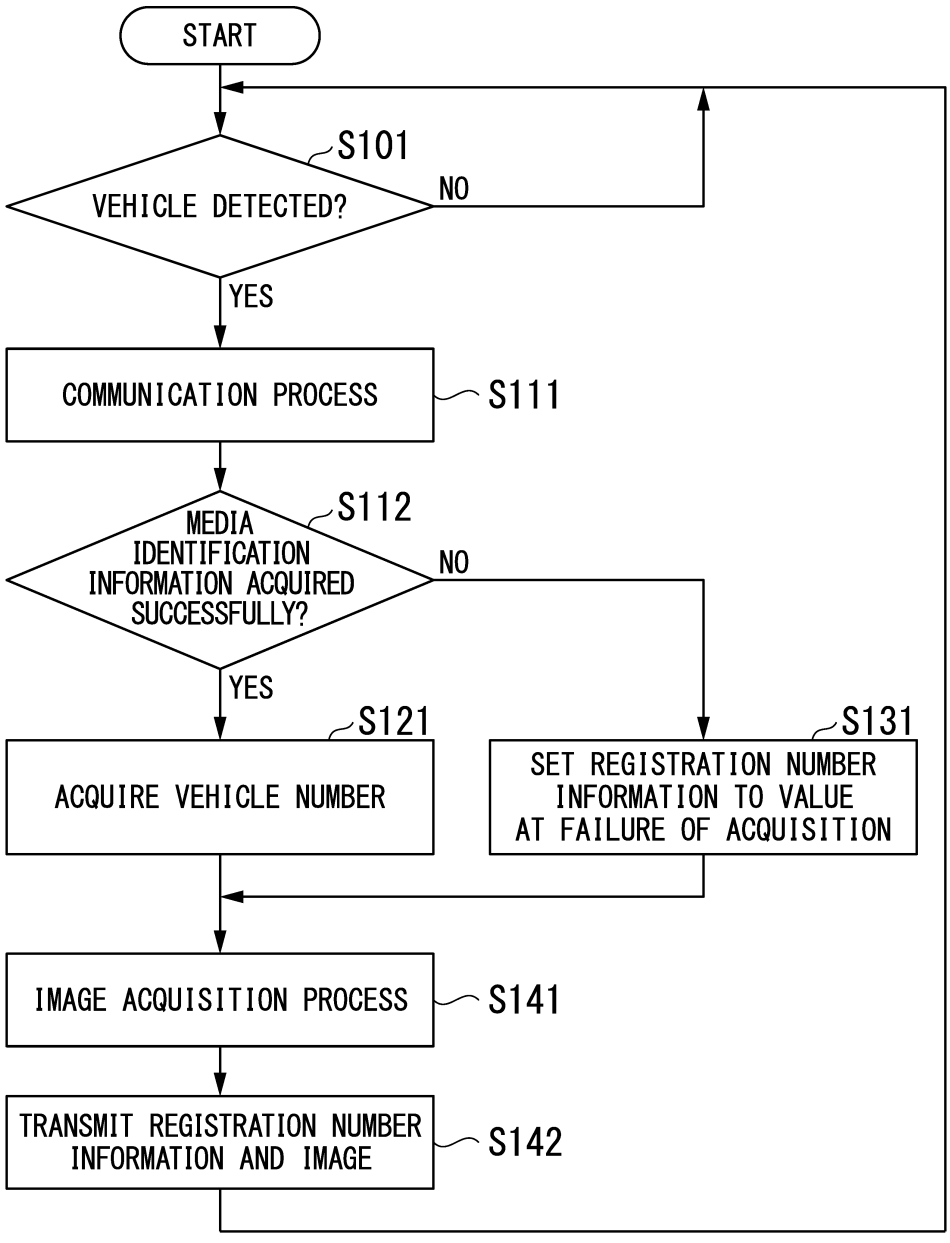

START
S101
VEHICLE DETECTED?
NO
YES
COMMUNICATION PROCESS
S111
S112
MEDIA IDENTIFICATION INFORMATION ACQUIRED SUCCESSFULLY?
NO
YES
S121
ACQUIRE VEHICLE NUMBER
S131
SET REGISTRATION NUMBER INFORMATION TO VALUE AT FAILURE OF ACQUISITION
IMAGE ACQUISITION PROCESS
S141
TRANSMIT REGISTRATION NUMBER INFORMATION AND IMAGE
S142

FIG. 5

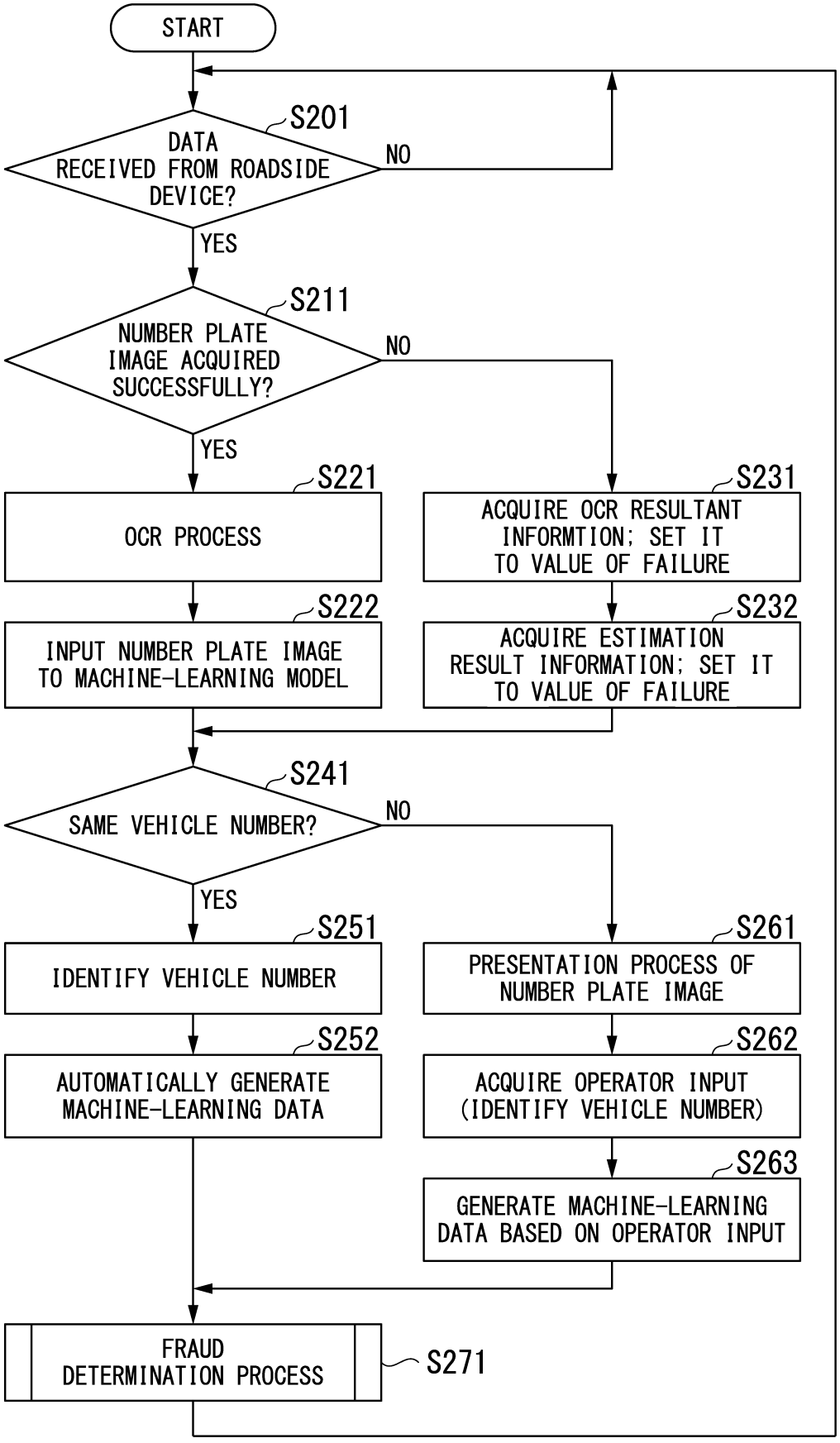
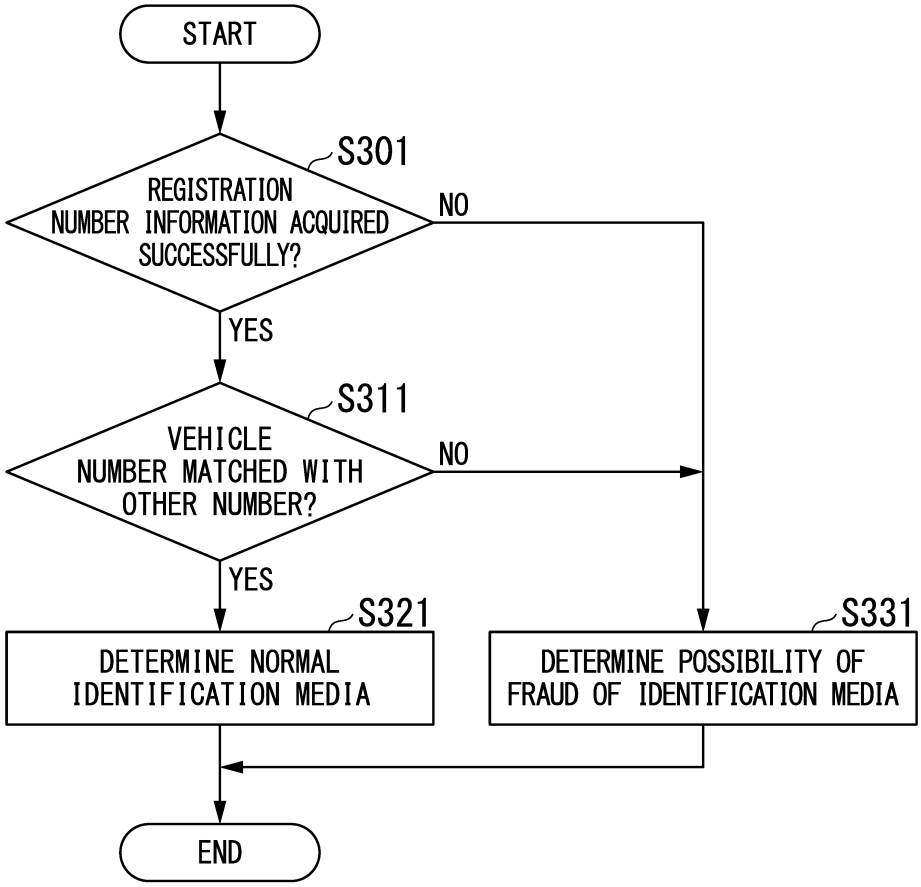

START
S201
DATA RECEIVED FROM ROADSIDE DEVICE?
NO
YES
S211
NUMBER PLATE IMAGE ACQUIRED SUCCESSFULLY?
NO
YES
S221
OCR PROCESS
S222
INPUT NUMBER PLATE IMAGE TO MACHINE-LEARNING MODEL
S231
ACQUIRE OCR RESULTANT INFORMTION; SET IT TO VALUE OF FAILURE
S232
ACQUIRE ESTIMATION RESULT INFORMATION; SET IT TO VALUE OF FAILURE
S241
SAME VEHICLE NUMBER?
NO
YES
S251
IDENTIFY VEHICLE NUMBER
S252
AUTOMATICALLY GENERATE MACHINE-LEARNING DATA
S261
PRESENTATION PROCESS OF NUMBER PLATE IMAGE
S262
ACQUIRE OPERATOR INPUT (IDENTIFY VEHICLE NUMBER)
S263
GENERATE MACHINE-LEARNING DATA BASED ON OPERATOR INPUT
FRAUD DETERMINATION PROCESS
S271

FIG. 6


START
S301
REGISTRATION NUMBER INFORMATION ACQUIRED SUCCESSFULLY?
NO
YES
S311
VEHICLE NUMBER MATCHED WITH OTHER NUMBER?
NO
YES
S321
DETERMINE NORMAL IDENTIFICATION MEDIA
S331
DETERMINE POSSIBILITY OF FRAUD OF IDENTIFICATION MEDIA
END